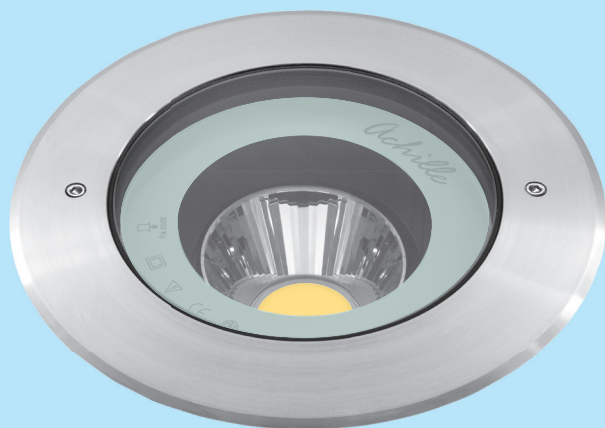




**KATALOG PRODUKTOV**  
**PRODUCT CATALOGUE**

2021



## ACHILLE LED

**Wykonanie:** pierścieni ze stali nierdzewnej INOX, obudowa z tworzywa w kolorze czarnym. Szyba przezroczysta hartowana, po obwodzie zmatowiona o sile nacisku od 2000kg do 3000kg (w zależności od średnicy oprawy).

**Montaż:** wpuszczany

**Akcesoria:** puszka montażowa, odbłyśniki 17°, 40°, 55°, 60°, 70°

**Zasilanie:** 220 V - 240 V

**Materials:** ring of stainless steel, housing made of black plastics; transparent, tempered glass, mat on the circumference with a load from 2000kg up to 3000kg (depending on the diameter of the lighting luminaire).

**Installation:** recessed

**Accessories:** recessed housing, optic 17°, 40°, 55°, 60°, 70°

**Power supply:** 220 V - 240 V



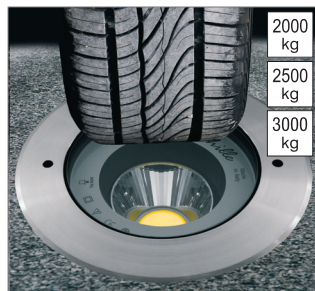
# ACHILLE LED



ACHILLE LED

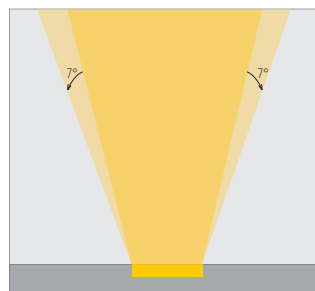


Szyba hartowana  
Tempered glass

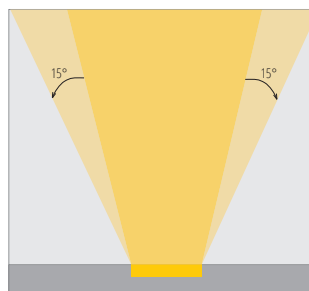


Dopuszczalne obciążenie statyczne  
Permissible static load

| L80 B10 >50 000h • CRI 85 |        |                   |        |                     |      |             |
|---------------------------|--------|-------------------|--------|---------------------|------|-------------|
| MOC                       | ŹRÓDŁO | [kg]              | KOLOR  | KĄT ROZSYŁU         | KOD  |             |
| POWER                     | LAMP   | [kg]              | COLOUR | ANGLE OF LIGHT BEAM | CODE |             |
| ACHILLE 190               | 12 W   | LED 1800 lm 3000K | 2,9    | INOX                | 26°  | IV1494BXM01 |
|                           | 18 W   | LED 2500 lm 3000K | 2,9    | INOX                | 26°  | IV149501    |
|                           | 18 W   | LED 2500 lm 3000K | 7,2    | INOX                | 30°  | IV147900    |
| ACHILLE 320               | 27 W   | LED 4100 lm 3000K | 7,2    | INOX                | 25°  | IV148000    |
|                           | 32 W   | LED 4300 lm 3000K | 7,2    | INOX                | 30°  | IV146200    |
|                           | 36 W   | LED 5300 lm 3000K | 7,2    | INOX                | 25°  | IV146300    |
| ACHILLE 450               | 51 W   | LED 6800 lm 3000K | 11,8   | INOX                | 25°  | IV147000    |



ACHILLE 190 Odbłyśnik regulowany w zakresie  $\pm 7^\circ$   
 $\pm 7^\circ$  adjustable reflector in ACHILLE 190



ACHILLE 320 Odbłyśnik regulowany w zakresie  $\pm 15^\circ$   
 $\pm 15^\circ$  adjustable reflector in ACHILLE 320

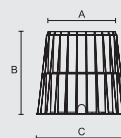
## AKCESORIA ACCESSORIES

### Puszka montażowa Recessed housing

ACHILLE 190 - puszka montażowa w komplecie  
ACHILLE 190 - recessed housing in set

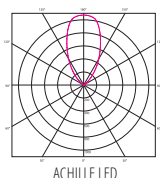
Odbłyśniki na zapytanie. Do wersji 320: 17°, 40°, 55°, 60°, 70°, do wersji 450: 40°, 60°, 70°  
Optics on request. For 320 version: 17°, 40°, 55°, 60°, 70°, for 450 version: 40°, 60°, 70°

| KOD      | INFO                    |
|----------|-------------------------|
| CODE     | INFO                    |
| IV160348 | 300x365x400 ACHILLE 320 |
| IV160349 | 420x300x535 ACHILLE 450 |

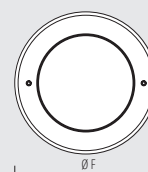
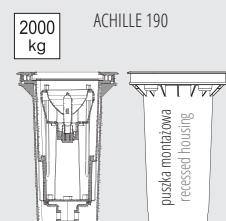
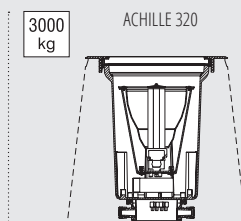
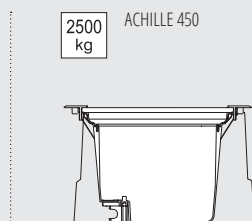


## WYMIARY DIMENSIONS

|             | F    | H    |
|-------------|------|------|
|             | [mm] | [mm] |
| ACHILLE 190 | 190  | 295  |
| ACHILLE 320 | 320  | 361  |
| ACHILLE 450 | 450  | 283  |



ACHILLE LED





## ALFA LED

**Wykonanie:** żebrowany korpus aluminiowy, odbłyśnik aluminiowy polerowany, szyba przezroczysta ze szkła hartowanego, źródła LED renomowanych producentów, dodatkowy odbłyśnik umiejscowiony na źródle LED, złączka Wieland IP65. Reflektor DECO i reflektor ALU są integralnymi częściami oprawy bez możliwości zmiany.

**Montaż:** zwieszany

**Akcesoria:** siatka ochronna

**Zasilanie:** 220 V - 240 V

**Materials:** grooved aluminum housing, polished aluminum reflector, transparent tempered glass, LED light source from reputable manufacturers, additional reflector for LED light source, IP65 Wieland's connector. DECO and ALU reflectors are integral parts of luminaire without the possibility to change them.

**Installation:** suspended

**Accessories:** protective grid

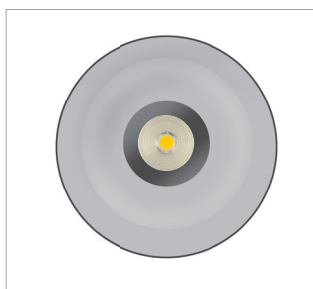
**Power supply:** 220 V - 240 V

## ALFA LED



L80 B10 &gt;50 000h • SDCM 3 • LLMF 80% • CRI 72

| MOC   | ŹRÓDŁO     | STRUMIEN<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO     | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|----------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO     | CODE      |
| 132 W | LED 5000 K | 14800 lm                     | 112 lm/W                | 9,5  | ■      | ALU 43 ° | PX2060651 |
| 132 W | LED 5000 K | 15500 lm                     | 117 lm/W                | 9,5  | ■      | ALU 72 ° | PX2060658 |



Specjalny odbłyśnik umieszczony bezpośrednio na źródle LED realizuje uniwersalny rozsył światła z oprawy  
Special reflector placed directly on the LED provides universal light distribution of the luminaire

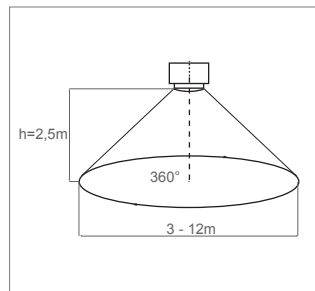


Wersja z kloszem DECO - na zapytanie  
Version with DECO reflector - on request

Zakres temperatury pracy oprawy od -20°C do +40°C  
Suitable to work in temperatures from -20°C to +40°C.



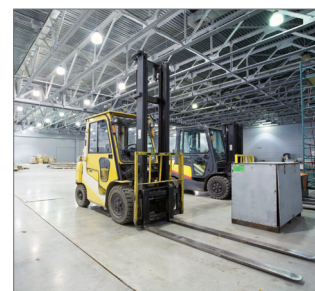
Układ optyczny gwarantuje wysoką sprawność optyczną oprawy  
Optical system guarantee high optical efficiency of the luminaire



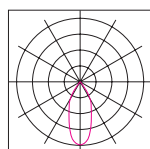
Możliwość współpracy z zewnętrznym czujnikiem ruchu bez negatywnego wpływu na żywotność źródeł światła  
Possibility of cooperation with external motion sensors without affecting the life of light source



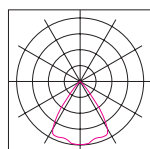
Gniazdo zasilające IP65  
Power point IP65



Oświetlenie pomieszczeń wysokich - lofty, hale, magazyny  
Illumination of high-storage facilities: lofts, large rooms, warehouses



ALFA LED ALU 43 °



ALFA LED ALU 72 °

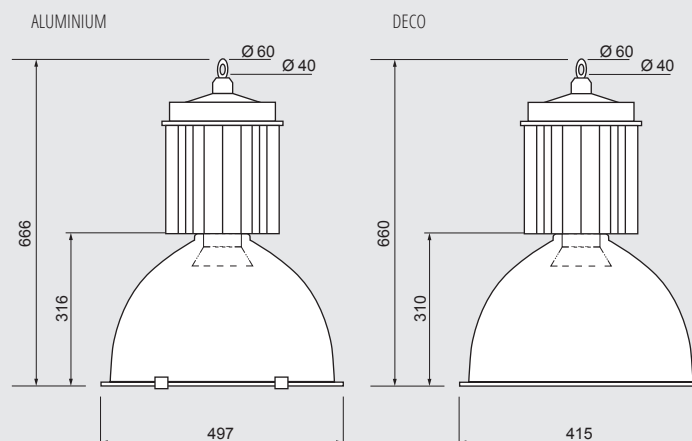
AKCESORIA  
ACCESSORIES

| [kg] | KOD  |
|------|------|
| [kg] | CODE |

Siatka ochronna  
Protective grid

|      |           |
|------|-----------|
| 0,42 | PX2060443 |
|------|-----------|

Klosz DECO na zapytanie  
DECO reflector on request

WYMIARY  
DIMENSIONS



## ALTO DI-IN LED

**Wykonanie:** profil aluminiowy lakierowany proszkowo (w standardzie kolor szary), klosz mikropryzmatyczny (MPRM) z PC lub klosz OPAL z PC. Raster paraboliczny PAR metalizowany

**Montaż:** zwieszany

**Akcesoria:** końcówki, zawieszania (zwykłe, elektryczne), zestaw do łączenia opraw w linię świetlną, okablowanie przelotowe

**Zasilanie:** 220 V - 240 V

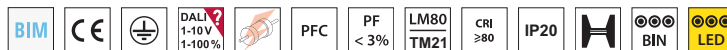
**Materials:** powder painted aluminum profile (standard colour: grey), microprismatic diffuser (MPRM) made of PC or OPAL diffuser made of PC. Parabolical metallised PAR louver

**Installation:** suspended

**Accessories:** end caps, suspensions (simple, electric), set for in line installation, through wiring

**Power supply:** 220 V - 240 V

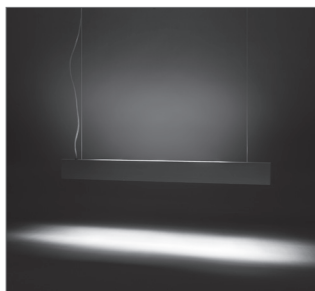
## ALTO DI-IN LED



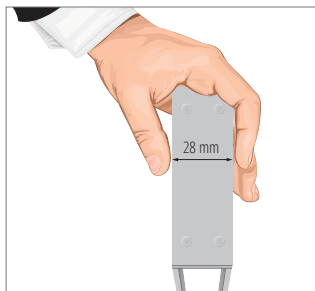
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



Wkładany górny klosz OPAL zlicowany z krawędziami profilu aluminiowego  
Clip in upper diffuser in line with profile edge



Rozsył DI-IN  
DI-IN light distribution



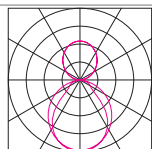
Proporcje ALTO LED - bardzo wąski profil  
Proportions of ALTO LED - very narrow profile

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 37 W  | LED 3000 K | 3900 lm                      | 105 lm/W                | 2,4  | OPAL | ■      | PX4086123 |
| 37 W  | LED 4000 K | 3990 lm                      | 108 lm/W                | 2,4  | OPAL | ■      | PX4086130 |
| 59 W  | LED 3000 K | 6490 lm                      | 110 lm/W                | 3,4  | OPAL | ■      | PX4086137 |
| 59 W  | LED 4000 K | 6630 lm                      | 112 lm/W                | 3,4  | OPAL | ■      | PX4086144 |
| 79 W  | LED 3000 K | 9080 lm                      | 115 lm/W                | 4,5  | OPAL | ■      | PX4086151 |
| 79 W  | LED 4000 K | 9270 lm                      | 117 lm/W                | 4,5  | OPAL | ■      | PX4086158 |
| 37 W  | LED 3000 K | 4090 lm                      | 111 lm/W                | 2,4  | MPRM | ■      | PX4086165 |
| 37 W  | LED 4000 K | 4180 lm                      | 113 lm/W                | 2,4  | MPRM | ■      | PX4086172 |
| 59 W  | LED 3000 K | 6780 lm                      | 115 lm/W                | 3,4  | MPRM | ■      | PX4086179 |
| 59 W  | LED 4000 K | 6910 lm                      | 117 lm/W                | 3,4  | MPRM | ■      | PX4086186 |
| 79 W  | LED 3000 K | 9460 lm                      | 120 lm/W                | 4,5  | MPRM | ■      | PX4086193 |
| 79 W  | LED 4000 K | 9650 lm                      | 122 lm/W                | 4,5  | MPRM | ■      | PX4086200 |
| 33 W  | LED 3000 K | 3380 lm                      | 102 lm/W                | 2,4  | PAR  | ■      | PX4086357 |
| 33 W  | LED 4000 K | 3450 lm                      | 105 lm/W                | 2,4  | PAR  | ■      | PX4086364 |
| 53 W  | LED 3000 K | 5710 lm                      | 108 lm/W                | 3,4  | PAR  | ■      | PX4086371 |
| 53 W  | LED 4000 K | 5830 lm                      | 110 lm/W                | 3,4  | PAR  | ■      | PX4086378 |
| 73 W  | LED 3000 K | 8030 lm                      | 110 lm/W                | 4,5  | PAR  | ■      | PX4086385 |
| 73 W  | LED 4000 K | 8200 lm                      | 112 lm/W                | 4,5  | PAR  | ■      | PX4086392 |

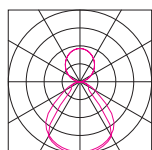
Rastry PAR w kolorze białym, czarnym lub szarym na zapytanie  
PAR louvers in black, white or grey colour - on request

UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION: Standard version without through wiring!

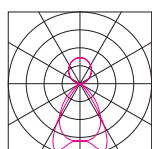
**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product



ALTO LED DI-IN OPAL



ALTO LED DI-IN MPRM



ALTO LED DI-IN PAR

#### AKCESORIA ACCESSORIES

##### Zawieszenie zwykłe Simple suspension

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

|      |      |           |   |
|------|------|-----------|---|
| 0,10 | INOX | PX0922143 | * |
|------|------|-----------|---|

\* Standardowa długość zwieszarki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

##### Zawieszenie elektryczne Electric suspension

|      |   |           |   |
|------|---|-----------|---|
| 0,20 | ■ | PX0922021 | * |
| 0,20 | □ | PX0922032 | * |

##### Końcówki End caps

|      |   |           |                                               |
|------|---|-----------|-----------------------------------------------|
| 0,20 | ■ | PX4086206 | 1 szt. // 1 pcs.                              |
| 0,20 | ■ | PX4086210 | Czarne śruby // Black screws 1 szt. // 1 pcs. |

##### Akc. do montażu w linię Accs. for in line installation

|      |  |           |                                           |
|------|--|-----------|-------------------------------------------|
| 0,40 |  | PX4086214 | 1 kpl. / połączenie // 1 set / connection |
|------|--|-----------|-------------------------------------------|

##### Klucz rurowy 6x7 mm Tubular wrench 6x7 mm

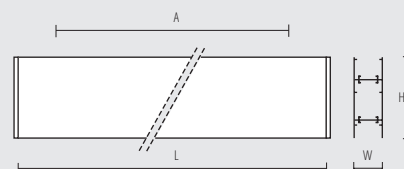
|      |   |           |                  |
|------|---|-----------|------------------|
| 0,35 | ■ | PX4086221 | 1 szt. // 1 pcs. |
|------|---|-----------|------------------|

##### Okablowanie przelotowe Through wiring

|      |   |           |             |
|------|---|-----------|-------------|
| 0,12 | □ | PX4086394 | 5x L = 545  |
| 0,20 | □ | PX4086395 | 5x L = 1085 |
| 0,30 | □ | PX4086396 | 5x L = 1625 |
| 0,35 | □ | PX4086397 | 5x L = 2170 |

#### WYMIARY DIMENSIONS

| INFO | L    | W    | H    | A    |
|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] |
| 37 W | 1085 | 28   | 100  | 865  |
| 59 W | 1625 | 28   | 100  | 1405 |
| 79 W | 2170 | 28   | 100  | 1950 |
| 33 W | 1085 | 28   | 100  | 865  |
| 53 W | 1625 | 28   | 100  | 1405 |
| 73 W | 2170 | 28   | 100  | 1950 |





ALTO LED PAR

ALTO LED OPAL



## ALTO LED

**Wykonanie:** profil aluminiowy lakierowany proszkowo (w standardzie kolor szary), kłosz mikropryzmatyczny (MPRM) z PC lub kłosz OPAL z PC. Raster paraboliczny PAR metalizowany

**Montaż:** zwieszany

**Akcesoria:** końcówki, zawieszania (zwykłe, elektryczne), zestaw do łączenia opraw w linię świetlną, okablowanie przelotowe

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile (standard colour: grey), microprismatic diffuser (MPRM) made of PC or OPAL diffuser made of PC. Parabolic metallised PAR louver

**Installation:** suspended

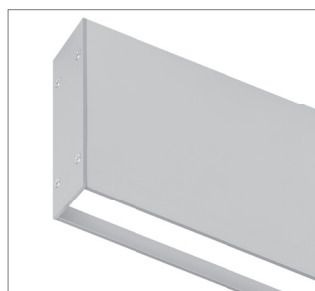
**Accessories:** end caps, suspensions (simple, electric), set for in line installation, through wiring

**Power supply:** 220 V - 240 V

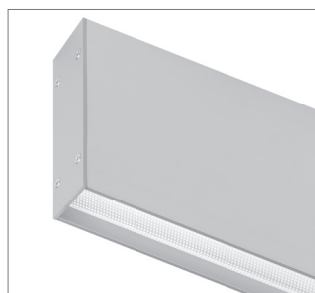
## ALTO LED



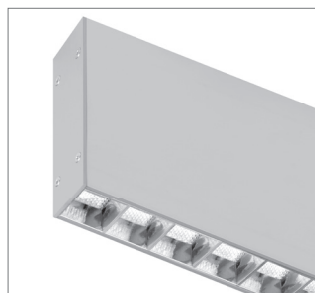
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



ALTO LED OPAL



ALTO LED MPRM



ALTO LED PAR

ALTO LED  
DI  
WERSJA  
ZWIESZANA  
SUSPENDED  
VERSION

NEW  
NEW  
NEW

ALTO LED DI  
TUNABLE WHITE

2700K  
6500K

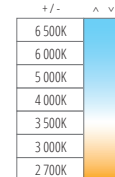
Rastry PAR w kolorze białym, czarnym lub szarym na zapytanie  
PAR louvers in black, white or grey colour - on request

UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION: Standard version without through wiring!



Do oprawy dostępne są modele BIM  
BIM files are available for this product

REGULACJA TUNABLE WHITE  
ADJUSTMENT



#### AKCESORIA ACCESSORIES

Zawieszenie zwykłe  
Simple suspension

Zawieszenie elektryczne  
Electric suspension

Końcówki  
End caps

Akc. do montażu w linię  
Accs. for in line installation

Klucz rurowy 6x7 mm  
Tubular wrench 6x7 mm

Okablowanie przelotowe  
Through wiring

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

|      |      |           |   |
|------|------|-----------|---|
| 0,10 | INOX | PX0922143 | * |
|------|------|-----------|---|

\* Standardowa długość zwieszki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

|      |   |           |   |
|------|---|-----------|---|
| 0,20 | ■ | PX0922021 | * |
| 0,20 | □ | PX0922032 | * |

|      |   |           |                                               |
|------|---|-----------|-----------------------------------------------|
| 0,20 | ■ | PX4086206 | 1 szt. // 1 pcs.                              |
| 0,20 | ■ | PX4086210 | Czarne śruby // Black screws 1 szt. // 1 pcs. |

|      |  |           |                                           |
|------|--|-----------|-------------------------------------------|
| 0,40 |  | PX4086214 | 1 kpl. / połączenie // 1 set / connection |
|------|--|-----------|-------------------------------------------|

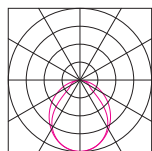
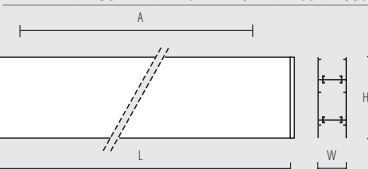
|      |   |           |                 |
|------|---|-----------|-----------------|
| 0,35 | ■ | PX4086221 | 1 szt. / 1 pcs. |
|------|---|-----------|-----------------|

|      |   |           |             |
|------|---|-----------|-------------|
| 0,12 | □ | PX4086394 | 5x L = 545  |
| 0,20 | □ | PX4086395 | 5x L = 1085 |
| 0,30 | □ | PX4086396 | 5x L = 1625 |
| 0,35 | □ | PX4086397 | 5x L = 2170 |

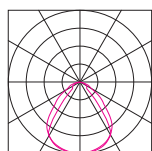
#### WYMIARY DIMENSIONS

| INFO | L    | W    | H    | A    |
|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] |

|      |      |    |     |      |
|------|------|----|-----|------|
| 14 W | 545  | 28 | 100 | 325  |
| 25 W | 1085 | 28 | 100 | 865  |
| 37 W | 1625 | 28 | 100 | 1405 |
| 48 W | 2170 | 28 | 100 | 1950 |
| 12 W | 545  | 28 | 100 | 325  |
| 21 W | 1085 | 28 | 100 | 865  |
| 30 W | 1625 | 28 | 100 | 1405 |
| 40 W | 2170 | 28 | 100 | 1950 |
| 20 W | 1085 | 28 | 100 | 865  |
| 29 W | 1625 | 28 | 100 | 1405 |
| 38 W | 2170 | 28 | 100 | 1950 |

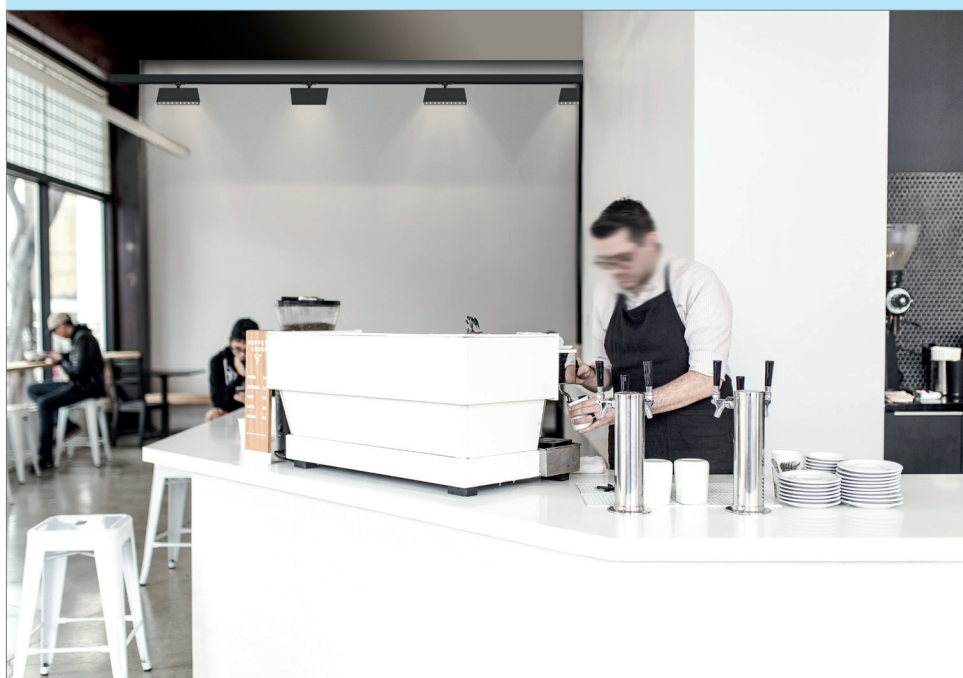
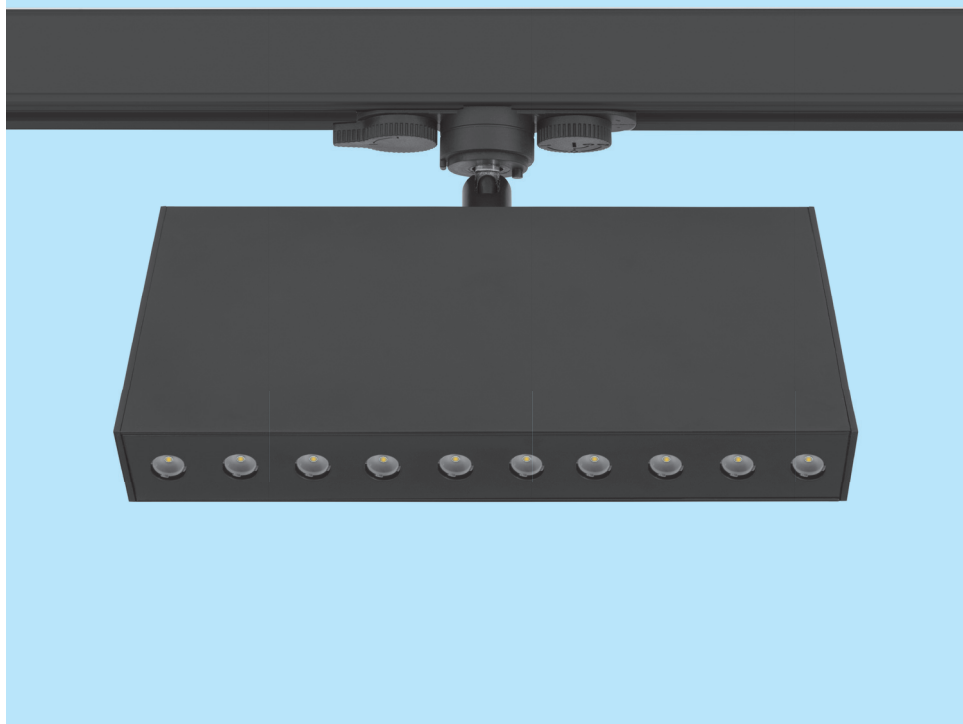


ALTO LED DI OPAL



ALTO LED DI MPRM





## ALTO SPOT LED

**Wykonanie:** korpus aluminiowy malowany proszkowo (w standardzie czarny). Zakres pracy względem osi poziomej wynosi 350°, a pionowej 90°.

**Montaż:** do szynoprzewodu trójfazowego

**Zasilanie:** 220 V - 240 V

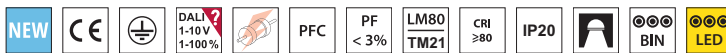
**Materials:** powder painted white or black aluminum body. It can rotate up to 350° with respect to the vertical axis and pivot up to 90° upwards.

**Installation:** for 3-phase electrical track

**Power supply:** 220 V - 240 V

# ALTO SPOT LED

NOWOŚĆ



L90 B10 >60 000h • SDCM3 • LLMF 96% • CRI 84

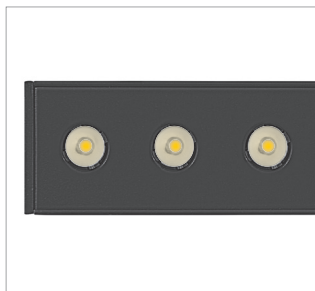
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | KĄT ROŚYŁU             | [kg] | KOLOR  | KOD       |
|-------|------------|----------------------------------|----------------------------|------------------------|------|--------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | ANGLE<br>OF LIGHT BEAM | [kg] | COLOUR | CODE      |
| 16 W  | LED 3000 K | 1520 lm                          | 95 lm/W                    | 30°                    | 0,7  | ■      | PX4086401 |
| 16 W  | LED 4000 K | 1600 lm                          | 100 lm/W                   | 30°                    | 0,7  | ■      | PX4086408 |
| 24 W  | LED 3000 K | 2170 lm                          | 90 lm/W                    | 30°                    | 0,7  | ■      | PX4086415 |
| 24 W  | LED 4000 K | 2280 lm                          | 95 lm/W                    | 30°                    | 0,7  | ■      | PX4086422 |
| 31 W  | LED 3000 K | 2570 lm                          | 83 lm/W                    | 30°                    | 0,7  | ■      | PX4086429 |
| 31 W  | LED 4000 K | 2700 lm                          | 87 lm/W                    | 30°                    | 0,7  | ■      | PX4086436 |



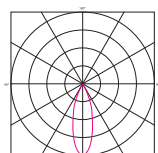
ALTO SPOT LED



ALTO SPOT LED



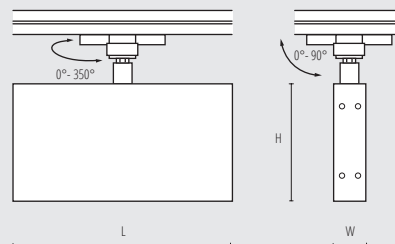
Układ optyczny  
Optical system



ALTO SPOT LED 30°

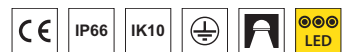
WYMIARY  
DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 204  | 28   | 100  |





# ANTARES LED



L80 B10 &gt;50 000h • CRI 80



Konstrukcja zapewniająca odprowadzanie ciepła  
Housing designed for heat dissipation

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]  | KOLOR  | INFO | KOD          |
|-------|------------|------------------------------|-------------------------|-------|--------|------|--------------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]  | COLOUR | INFO | CODE         |
| 140 W | LED 4000 K | 19035 lm                     | 136 lm/W                | 20,00 | ■      | SM   | CL243643.416 |
| 175 W | LED 4000 K | 23790 lm                     | 136 lm/W                | 20,45 | ■      | SM   | CL243643.520 |
| 210 W | LED 4000 K | 28550 lm                     | 136 lm/W                | 20,75 | ■      | SM   | CL243643.624 |
| 245 W | LED 4000 K | 33310 lm                     | 136 lm/W                | 21,00 | ■      | SM   | CL243643.728 |
| 280 W | LED 4000 K | 38070 lm                     | 136 lm/W                | 21,00 | ■      | SM   | CL243643.832 |
| 315 W | LED 4000 K | 42825 lm                     | 136 lm/W                | 22,00 | ■      | SM   | CL243643.936 |
| 140 W | LED 4000 K | 18235 lm                     | 130 lm/W                | 20,10 | ■      | AS   | CL244643.416 |
| 175 W | LED 4000 K | 22795 lm                     | 130 lm/W                | 20,10 | ■      | AS   | CL244643.520 |
| 210 W | LED 4000 K | 27350 lm                     | 130 lm/W                | 20,10 | ■      | AS   | CL244643.624 |
| 245 W | LED 4000 K | 31910 lm                     | 130 lm/W                | 21,00 | ■      | AS   | CL244643.728 |
| 280 W | LED 4000 K | 36470 lm                     | 130 lm/W                | 21,00 | ■      | AS   | CL244643.832 |
| 315 W | LED 4000 K | 41030 lm                     | 130 lm/W                | 22,00 | ■      | AS   | CL244643.936 |

SM - bez soczewki w celu zwiększenia wydajności  
AS - soczewka asymetryczna 50°

SM - supplied without lens to increase efficiency  
AS - asymmetrical lens with vertex at 50°

# ANTARES LED

**Wykonanie:** korpus z odlewu aluminiowego, uchwyt z blachy, zabezpieczone termoutwardzalną powłoką poliesterową, szyba ze szkła hartowanego o grubości 4 mm, wersja SM i AS

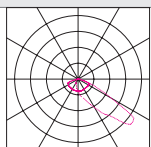
**Montaż:** naścienny, do podłoża

**Zasilanie:** 220 V - 240 V

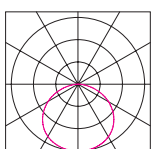
**Materials:** die-cast aluminum body, steel bracket protected by the thermosetting polyester coating; tempered glass of thickness 4 mm, SM and AS versions

**Installation:** wall mounted, to the ground

**Power supply:** 220 V - 240 V



ANTARES LED AS



ANTARES LED SM

## AKCESORIA ACCESSORIES

Adaptor do słupa  
Pole adapter

Na zapytanie dostępne są:  
zasilacze DALI i Bi-Power,  
diody o temperaturze barwowej 3000K i 5000K

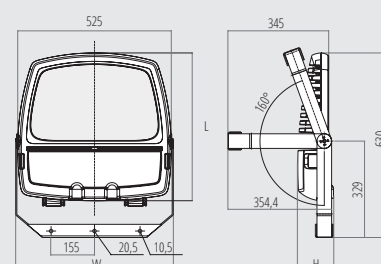
On request:  
DALI and Bi-Power ballast  
LEDs with colour temperature 3000K and 5000K

| KOLOR  | KOD  | INFO |
|--------|------|------|
| COLOUR | CODE | INFO |

|   |              |        |
|---|--------------|--------|
| ■ | CL921003.004 | Ø40/60 |
| ■ | CL921004.004 | Ø40/60 |

## WYMIARY DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 505  | 539  | 122  |





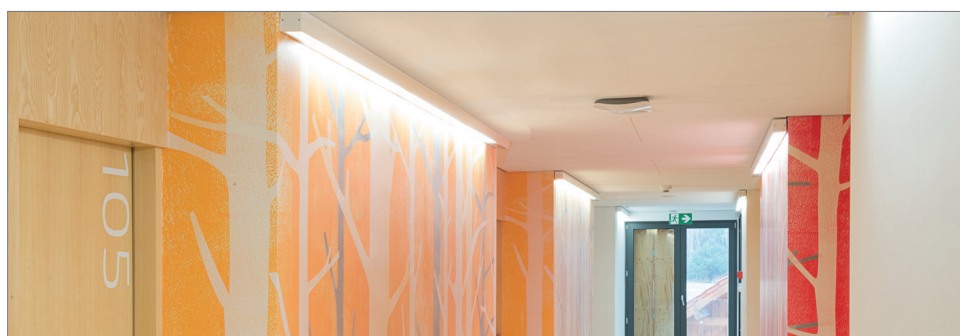
# ASYMMETRIC LED



L80 B10 >54 000h • SDCM 3 • LLMF 88% • CRI 80

Charakteryzująca się asymetrycznym rozsyłem światła oprawa na źródła LED wykonana z profilu aluminiowego. ASYMMETRIC LED idealnie nadaje się do oświetlenia tablic szkolnych, gdzie odpowiednio zaprojektowany odbłyśnik kieruje strumień świetlny bezpośrednio na powierzchnię pionową. Characterized by asymmetric light distribution, LED source luminaire is made of aluminum profile. ASYMMETRIC LED is perfect for illumination of blackboards, where designed reflector directs luminous flux directly on vertical surface.

| MOC   | ŹRÓDŁO     | STRUMIEŃ OPRAWY           | SKUTECZNOŚĆ OPRAWY   | [kg] | KOLOR  | KOD ZWIESZANY  |
|-------|------------|---------------------------|----------------------|------|--------|----------------|
| POWER | LAMP       | LUMINAIRE'S LUMINOUS FLUX | LUMINAIRE'S EFFICACY | [kg] | COLOUR | CODE SUSPENDED |
| 30 W  | LED 3000 K | 3960 lm                   | 132 lm/W             | 2,7  | □      | PX0919901      |
| 30 W  | LED 4000 K | 4130 lm                   | 138 lm/W             | 2,7  | □      | PX0919908      |
| 37 W  | LED 3000 K | 4950 lm                   | 134 lm/W             | 3,4  | □      | PX0919915      |
| 37 W  | LED 4000 K | 5160 lm                   | 139 lm/W             | 3,4  | □      | PX0919922      |
| 44 W  | LED 3000 K | 5940 lm                   | 135 lm/W             | 4,0  | □      | PX0919929      |
| 44 W  | LED 4000 K | 6190 lm                   | 141 lm/W             | 4,0  | □      | PX0919936      |
| 51 W  | LED 3000 K | 6930 lm                   | 136 lm/W             | 4,6  | □      | PX0919943      |
| 51 W  | LED 4000 K | 7230 lm                   | 142 lm/W             | 4,6  | □      | PX0919950      |



## ASYMMETRIC LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor biały). Klosz przezroczysty matowy przy brzegach.

**Montaż:** nastopowy, zwieszany

**Akcesoria:** zawieszania (zwykłe, elektryczne)

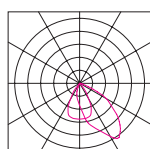
**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile (white colour in standard). Transparent diffuser matte on the edges.

**Installation:** surface mounted, suspended

**Accessories:** suspensions (simple, electric)

**Power supply:** 220 V - 240 V



ASYMMETRIC LED

### AKCESORIA ACCESSORIES

Zawieszenie zwykłe  
Simple suspension

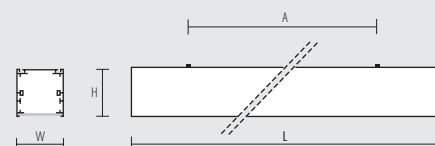
Zawieszenie elektryczne  
Electric suspension

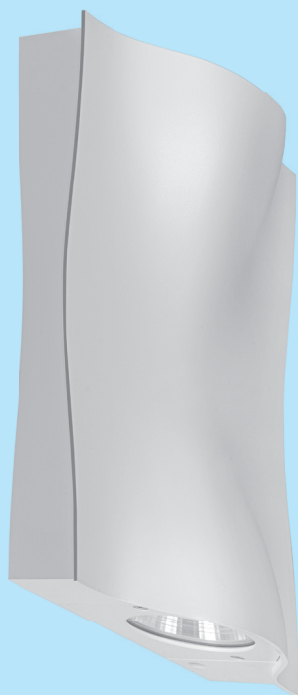
| [kg] | KOLOR  | KOD       | INFO |
|------|--------|-----------|------|
| [kg] | COLOUR | CODE      | INFO |
| 0,10 | INOX   | PX0922143 | *    |
| 0,20 | ■      | PX0922021 | *    |
| 0,20 | □      | PX0922032 | *    |
| 0,20 | ■      | PX0922038 | *    |

\* Standardowa długość zwieszek maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

### WYMIARY DIMENSIONS

|      | L    | W    | H    | A    |
|------|------|------|------|------|
|      | [mm] | [mm] | [mm] | [mm] |
| 30 W | 1260 | 65   | 65   | 1206 |
| 37 W | 1540 | 65   | 65   | 1486 |
| 44 W | 1820 | 65   | 65   | 1766 |
| 51 W | 2100 | 65   | 65   | 2046 |





## BALTI

**Wykonanie:** odlew aluminiowy malowany proszkowo ze specjalną antyoksydacyjną powłoką zapewniającą wysoką odporność na czynniki atmosferyczne. Klosz z przezroczystego termoplastyku, śruby INOX.

**Montaż:** naścienny

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted die-cast aluminum with special antioxidant coating which ensures height resistance from external factors. Diffuser made of transparent thermoplastics. INOX screws.

**Installation:** wall mounted

**Power supply:** 220 V - 240 V





BALTI 80



BALTI 150



BALTI 220



BALTI 320



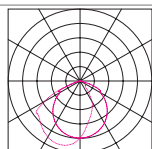
Odlew aluminiowy  
Die-cast aluminum

# BALTI

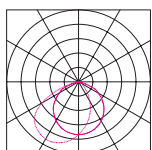


L80 B10 >50 000h • CRI 85

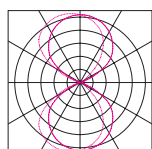
|           | MOC           | ŹRÓDŁO                      | [kg] | KOLOR  | KĄT ROZSYŁU         | INFO | KOD        |
|-----------|---------------|-----------------------------|------|--------|---------------------|------|------------|
|           | POWER         | LAMP                        | [kg] | COLOUR | ANGLE OF LIGHT BEAM | INFO | CODE       |
| BALTI 80  | 6,5 W         | LED 850 lm 3000K            | 0,5  | □      | 110°                | ■    | IV119303   |
|           | 6,5 W         | LED 850 lm 3000K            | 0,5  | □      | 110°                | ■    | IV119304   |
| BALTI 150 | 12 W          | LED 1800 lm 3000K           | 1,1  | □      | 110°                | ■    | IV118503   |
|           | 12 W          | LED 1800 lm 3000K           | 1,1  | □      | 110°                | ■    | IV118504   |
|           | 26 W          | LED 3400 lm 3000K           | 1,1  | □      | 110°                | ■    | IV118303   |
|           | 26 W          | LED 3400 lm 3000K           | 1,1  | □      | 110°                | ■    | IV118304   |
| BALTI 220 | 2x26 W        | 2x LED 3400 lm 3000K        | 1,9  | □      | 100° / 100°         | ■    | IV119803   |
|           | 2x26 W        | 2x LED 3400 lm 3000K        | 1,9  | □      | 100° / 100°         | ■    | IV119804   |
|           | 18 W + 12,5 W | LED 2500 lm + 1200 lm 3000K | 1,9  | □      | 44° / 100°          | ■    | IV119703   |
|           | 18 W + 12,5 W | LED 2500 lm + 1200 lm 3000K | 1,9  | □      | 44° / 100°          | ■    | IV119704   |
|           | 37 W          | LED 5200 lm 3000K           | 1,9  | □      | 100°                | ■    | IV119603   |
|           | 37 W          | LED 5200 lm 3000K           | 1,9  | □      | 100°                | ■    | IV119604   |
| BALTI 320 | 2x38 W        | 2x LED 4900 lm 3000K        | 4,7  | □      | 30° / 30°           | ■    | IV1073RW03 |
|           | 2x38 W        | 2x LED 4900 lm 3000K        | 4,7  | □      | 30° / 30°           | ■    | IV1073RW04 |
|           | 75 W          | LED 9900 lm 3000K           | 4,7  | □      | 40°                 | ■    | IV1071RW03 |
|           | 75 W          | LED 9900 lm 3000K           | 4,7  | □      | 40°                 | ■    | IV1071RW04 |



BALTI 80



BALTI 150



BALTI 220

## AKCESORIA ACCESSORIES

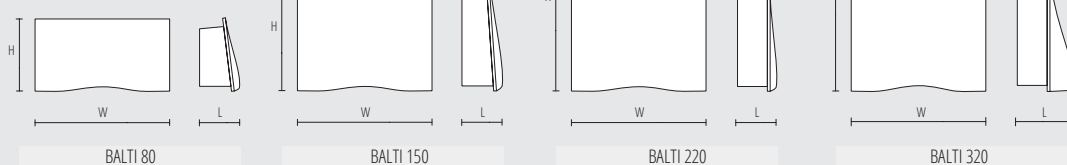
### Odbłyśniki Reflectors



| KOD<br>CODE  | BALTI 320<br>4900 lm | 9900 lm |
|--------------|----------------------|---------|
| IV28-3140-51 | 17°                  | 25°     |
| IV28-3138-51 | 55°                  | 60°     |
| IV28-3141-31 | 70°                  | 70°     |

## WYMIARY DIMENSIONS

|           | L<br>[mm] | W<br>[mm] | H<br>[mm] |
|-----------|-----------|-----------|-----------|
| BALTI 80  | 46        | 153       | 83        |
| BALTI 150 | 48        | 163       | 158       |
| BALTI 220 | 56        | 166       | 225       |
| BALTI 320 | 100       | 220       | 320       |

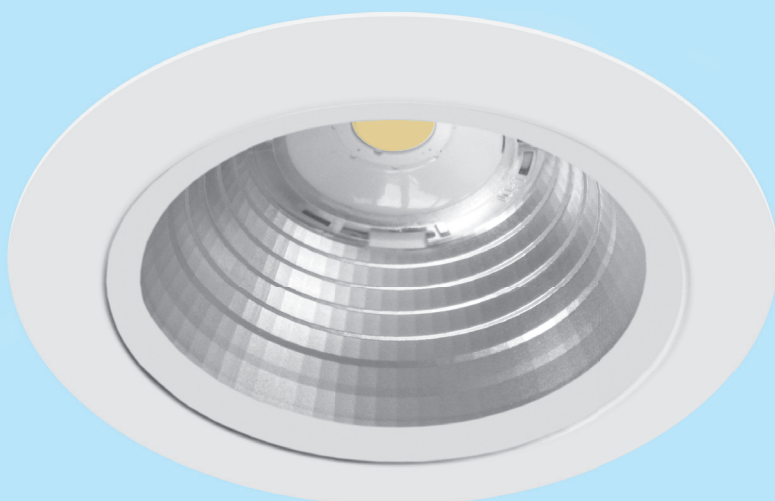


BALTI 80

BALTI 150

BALTI 220

BALTI 320



## BARI MINI DL LED

**Wykonanie:** ring z aluminium malowany elektrostatycznie (w standardzie kolor biały), obudowa z blachy stalowej, klosz przezroczysty z tworzywa sztucznego, odbłyśnik z aluminium

**Montaż:** do wpuszczenia w sufit podwieszany i G/K

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted, white aluminum ring, steel sheet body, plastic transparent diffuser, reflector made of aluminum

**Installation:** into plaster cardboard and modular ceilings

**Power supply:** 220 V - 240 V

# BARI MINI DL LED

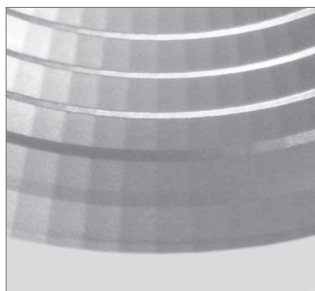


L90 B10 >56 000h • SDCM 3 • LLMF 89% • CRI 80

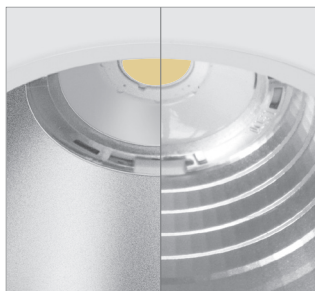
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KĄT<br>ROZSYŁU   | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------------------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | ANGLE OF<br>BEAM | COLOUR | CODE      |
| 13 W  | LED 3000 K | 1400 lm                      | 131 lm/W                | 1,0  | 20°              | □      | PX1486580 |
| 13 W  | LED 4000 K | 1470 lm                      | 136 lm/W                | 1,0  | 20°              | □      | PX1486590 |
| 13 W  | LED 3000 K | 1480 lm                      | 131 lm/W                | 1,0  | 30°              | □      | PX1486585 |
| 13 W  | LED 4000 K | 1550 lm                      | 136 lm/W                | 1,0  | 30°              | □      | PX1486592 |
| 13 W  | LED 3000 K | 1480 lm                      | 131 lm/W                | 1,0  | 50°              | □      | PX1486587 |
| 13 W  | LED 4000 K | 1550 lm                      | 136 lm/W                | 1,0  | 50°              | □      | PX1486594 |



Aluminiowy odbłyśnik o kącie rozsyłu 20°  
Reflector made of aluminium - angle of beam 20°

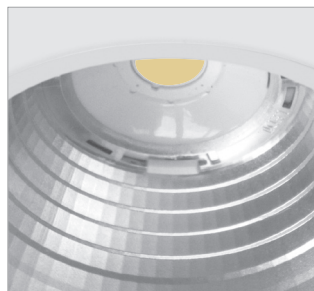


Aluminiowe odbłyśniki o kątach rozsyłu 30°, 50°  
Reflectors made of aluminium - angle of beam 30° and 50°

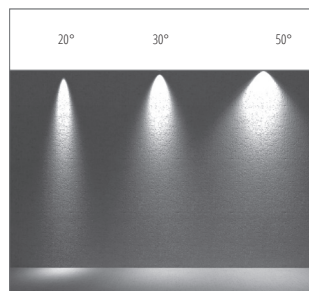


Odbłyśnik 20°  
Reflector 20°

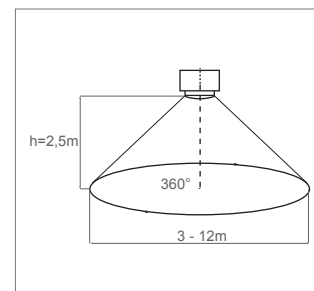
Odbłyśniki 30° i 50°  
Reflector 30° and 50°



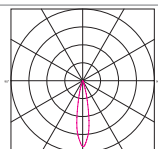
Wysokiej jakości źródło LED  
High quality LED sources



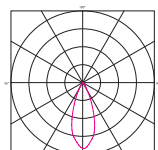
Trzy kąty rozsyłu 20°, 30°, 50°  
Three angle light distribution 20°, 30°, 50°



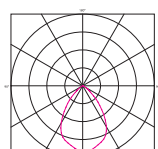
Możliwość współpracy z zewnętrznym czujnikiem ruchu  
Possibility of cooperation with extended motion sensors



BARI MINI LED 20°



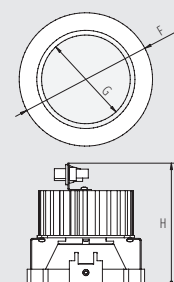
BARI MINI LED 30°



BARI MINI LED 50°

## WYMIARY DIMENSIONS

| H    | F    | G    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 110  | 120  | 79   |



Średnica otworu montażowego: Ø120 - 110mm  
Diameter of mounting hole Ø120 - 110mm



## BARI DL IP65 LED

**Wykonanie:** ring z aluminium malowany elektrolitycznie (w standardzie kolor biały), korpus aluminiowy, szyba przezroczysta ze szkła hartowanego, odbłyśnik fasetowany z polerowanego aluminium

**Montaż:** do wpuszczenia w sufit podwieszany i G/K

**Zasilanie:** 230 V - zewnętrzny układ zasilający w komplecie

**Materials:** powder painted, white aluminum ring; aluminium body; transparent tempered glass (SH). Reflector made of polished and faceted aluminum with a mirror finish

**Installation:** into plaster cardboard ceiling and modular ceilings

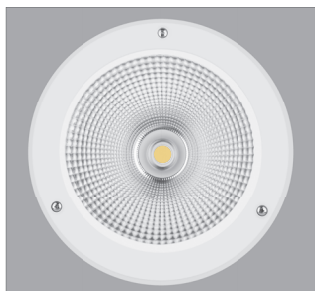
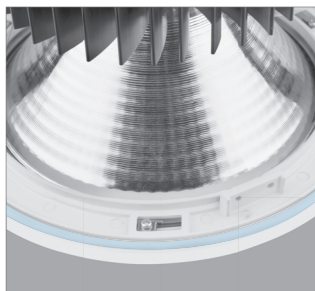
**Power supply:** 230 V - external power supply (included)

## BARI DL IP65 LED

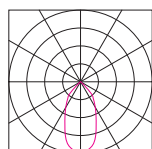


L90 B10 &gt;60 000h • SDCM 3 • LLMF 91% • CRI 84

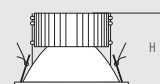
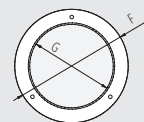
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 15 W  | LED 3000 K | 1670 lm                      | 111 lm/W                | 2    | □      | PX4089569 |
| 15 W  | LED 4000 K | 1720 lm                      | 115 lm/W                | 2    | □      | PX4089590 |
| 21 W  | LED 3000 K | 2300 lm                      | 110 lm/W                | 2    | □      | PX4089576 |
| 21 W  | LED 4000 K | 2380 lm                      | 113 lm/W                | 2    | □      | PX4089597 |
| 29 W  | LED 3000 K | 3090 lm                      | 107 lm/W                | 2    | □      | PX4089583 |
| 29 W  | LED 4000 K | 3190 lm                      | 110 lm/W                | 2    | □      | PX4089604 |

BARI IP65 LED - szyba hartowana  
BARI IP65 LED - tempered glassBARI IP65 LED  
BARI IP65 LEDBARI IP65 LED - uszczelka od góry oprawy, mocowanie ringu  
BARI IP65 LED - upper seal, mounting of ringWYMIARY  
DIMENSIONS

|      | H    | F    | G    |
|------|------|------|------|
|      | [mm] | [mm] | [mm] |
| Ø245 | 130  | 245  | 180  |



BARI IP65 LED







BARI DL LED  
Ø135 ADJUSTABLE  
Ø160 ADJUSTABLE



BARI DL LED  
Ø155; Ø195; Ø230



## BARI DL LED

**Wykonanie:** ring z aluminium malowany elektrolitycznie (w standardzie kolor biały), korpus aluminiowy, szyba przezroczysta ze szkła hartowanego, odbłyśnik fasetowany z polerowanego aluminium

**Montaż:** do wpuszczenia w sufit podwieszany i G/K

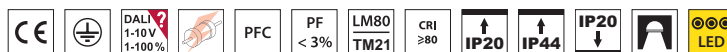
**Zasilanie:** 230 V - zewnętrzny układ zasilający w komplecie

**Materials:** powder painted, white aluminum ring; aluminium body; transparent tempered glass (SH). Reflector made of polished and faceted aluminum with a mirror finish

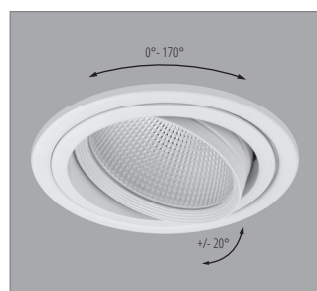
**Installation:** into plaster cardboard ceiling and modular ceilings

**Power supply:** 230 V - external power supply (included)

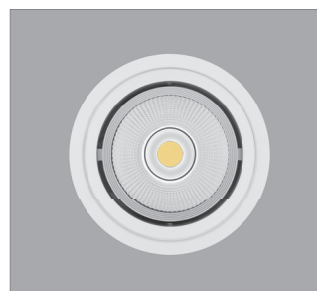
# BARI DL LED



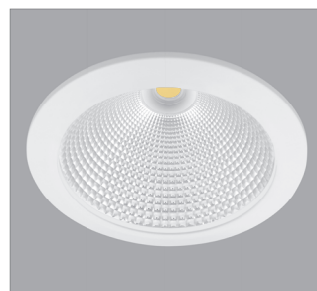
L90 B10 >60 000h • SDCM 3 • LLMF 91% • CRI 84



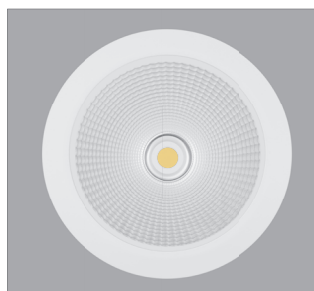
BARI LED - wersja wychyłna  
BARI LED - adjustable version



BARI LED - wersja wychyłna  
BARI LED - adjustable version

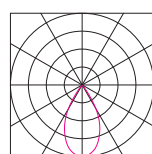


BARI LED - wersja standardowa (155, 195, 230)  
BARI LED - standard version (155, 195, 230)

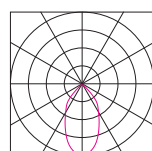


BARI LED - wersja standardowa (155, 195, 230)  
BARI LED - standard version (155, 195, 230)

|                                                       | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------------------------------------------------------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
|                                                       | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| Ø135<br>IP20<br>WERSJA WYCHYŁNA<br>ADJUSTABLE VERSION | 15 W  | LED 3000 K | 1610 lm                      | 107 lm/W                | 1,0  | □      | PX4089401 |
|                                                       | 15 W  | LED 4000 K | 1660 lm                      | 111 lm/W                | 1,0  | □      | PX4089429 |
|                                                       | 21 W  | LED 3000 K | 2220 lm                      | 106 lm/W                | 1,0  | □      | PX4089408 |
|                                                       | 21 W  | LED 4000 K | 2290 lm                      | 109 lm/W                | 1,0  | □      | PX4089436 |
| Ø160<br>IP20<br>WERSJA WYCHYŁNA<br>ADJUSTABLE VERSION | 15 W  | LED 3000 K | 1530 lm                      | 102 lm/W                | 1,2  | □      | PX4089415 |
|                                                       | 15 W  | LED 4000 K | 1580 lm                      | 105 lm/W                | 1,2  | □      | PX4089443 |
|                                                       | 21 W  | LED 3000 K | 2110 lm                      | 100 lm/W                | 1,2  | □      | PX4089422 |
|                                                       | 21 W  | LED 4000 K | 2180 lm                      | 104 lm/W                | 1,2  | □      | PX4089450 |
| Ø155<br>IP44                                          | 15 W  | LED 3000 K | 1670 lm                      | 111 lm/W                | 1,0  | □      | PX4089457 |
|                                                       | 15 W  | LED 4000 K | 1720 lm                      | 115 lm/W                | 1,0  | □      | PX4089471 |
|                                                       | 21 W  | LED 3000 K | 2300 lm                      | 110 lm/W                | 1,0  | □      | PX4089464 |
|                                                       | 21 W  | LED 4000 K | 2370 lm                      | 113 lm/W                | 1,0  | □      | PX4089478 |
| Ø195<br>IP44                                          | 15 W  | LED 3000 K | 1710 lm                      | 114 lm/W                | 1,2  | □      | PX4089485 |
|                                                       | 15 W  | LED 4000 K | 1760 lm                      | 117 lm/W                | 1,2  | □      | PX4089506 |
|                                                       | 21 W  | LED 3000 K | 2360 lm                      | 112 lm/W                | 1,2  | □      | PX4089492 |
|                                                       | 21 W  | LED 4000 K | 2430 lm                      | 116 lm/W                | 1,2  | □      | PX4089513 |
| Ø230<br>IP44                                          | 29 W  | LED 3000 K | 3170 lm                      | 109 lm/W                | 1,2  | □      | PX4089499 |
|                                                       | 29 W  | LED 4000 K | 3260 lm                      | 112 lm/W                | 1,2  | □      | PX4089520 |
|                                                       | 15 W  | LED 3000 K | 1690 lm                      | 113 lm/W                | 1,8  | □      | PX4089527 |
|                                                       | 15 W  | LED 4000 K | 1740 lm                      | 116 lm/W                | 1,8  | □      | PX4089548 |
| Ø230<br>IP44                                          | 21 W  | LED 3000 K | 2330 lm                      | 111 lm/W                | 1,8  | □      | PX4089534 |
|                                                       | 21 W  | LED 4000 K | 2400 lm                      | 114 lm/W                | 1,8  | □      | PX4089555 |
|                                                       | 29 W  | LED 3000 K | 3130 lm                      | 108 lm/W                | 1,8  | □      | PX4089541 |
|                                                       | 29 W  | LED 4000 K | 3220 lm                      | 111 lm/W                | 1,8  | □      | PX4089562 |



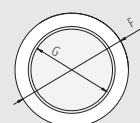
BARI LED 135



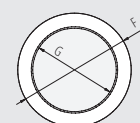
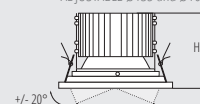
BARI LED 195

## WYMIARY DIMENSIONS

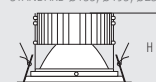
|      | H    | F    | G    |
|------|------|------|------|
|      | [mm] | [mm] | [mm] |
| Ø135 | 120  | 135  | 79   |
| Ø160 | 130  | 160  | 95   |
| Ø155 | 115  | 155  | 113  |
| Ø195 | 120  | 195  | 150  |
| Ø230 | 120  | 230  | 185  |

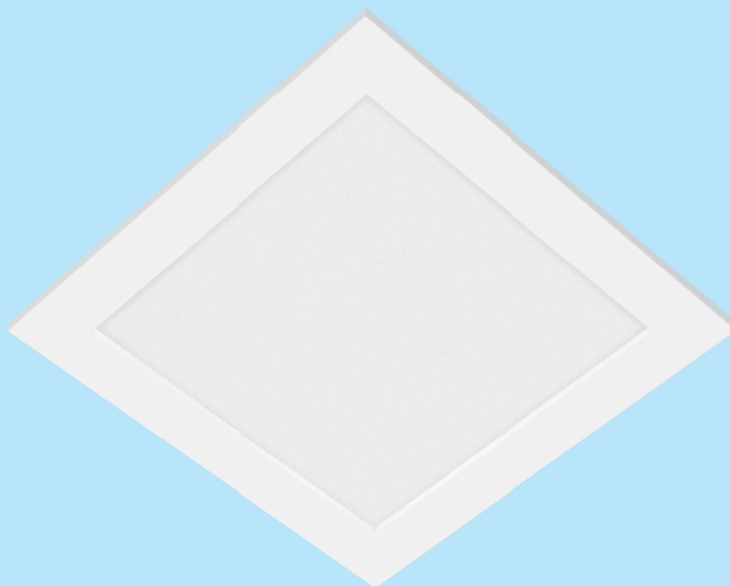


WYCHYŁNY Ø135 i Ø160  
ADJUSTABLE Ø135 and Ø160



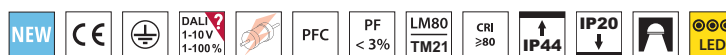
STANDARD Ø155, Ø195, Ø230  
STANDARD Ø155, Ø195, Ø230





# BARI DLK LED

NOWOŚĆ



L90 B10 > 60 000h • SDCM • LLMF 91% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KĄT<br>ROZSYŁU   | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------------------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | ANGLE OF<br>BEAM | COLOUR | CODE      |
| 15 W  | LED 3000 K | 1460 lm                      | 97 lm/W                 | 0,85 | 60°              | □      | PX4089651 |
| 15 W  | LED 4000 K | 1500 lm                      | 100 lm/W                | 0,85 | 60°              | □      | PX4089672 |
| 21 W  | LED 3000 K | 2020 lm                      | 96 lm/W                 | 0,85 | 60°              | □      | PX4089658 |
| 21 W  | LED 4000 K | 2080 lm                      | 99 lm/W                 | 0,85 | 60°              | □      | PX4089679 |
| 29 W  | LED 3000 K | 2750 lm                      | 95 lm/W                 | 0,85 | 60°              | □      | PX4089665 |
| 29 W  | LED 4000 K | 2830 lm                      | 98 lm/W                 | 0,85 | 60°              | □      | PX4089686 |

# BARI DLK LED

**Wykonanie:** pierścień z aluminium malowany elektrolitycznie (standardowo kolor biały), odbłyśnik z aluminium, obudowa z aluminium, matowa szyba hartowana SH

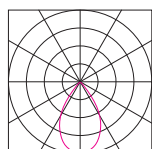
**Montaż:** do wpuszczenia w sufit podwieszany i G/K

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted, white aluminum frame; polished aluminum reflector; aluminum sheet body, matte tempered glass

**Installation:** into plaster cardboard ceiling and modular ceilings

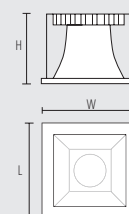
**Power supply:** 220 V - 240 V



BARI DLK LED

WYMIARY  
DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 169  | 169  | 100  |





## BARI DLK NT IP44 LED

**Wykonanie:** pierścieni z aluminium malowany elektrolitycznie, obudowa z blachy stalowej (standardowo kolor biały), odbłyśnik z aluminium, obudowa z aluminium, przezroczysta szyba hartowana SH, matowa szyba hartowana SH MAT. Możliwość malowania obudowy na dowolny kolor z palety RAL.

**Montaż:** nastropowy, zwieszany

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted, white aluminum frame; steel sheet body, polished aluminum reflector; SH - transparent tempered glass, SH MAT matte tempered glass. Possibility painting in any of RAL colours.

**Installation:** surface mounted, suspended

**Power supply:** 220 V - 240 V

NOWOŚĆ



L90 B10 &gt; 60 000h • SDCM 3 • LLMF 91% • CRI 84

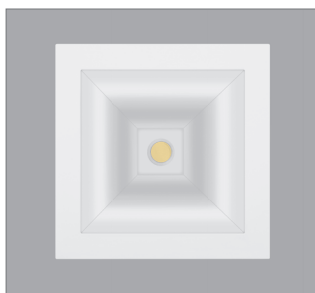
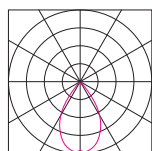
|        | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KĄT<br>ROZSYŁU   | KOLOR  | KOD       |
|--------|-------|------------|------------------------------|-------------------------|------|------------------|--------|-----------|
|        | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | ANGLE OF<br>BEAM | COLOUR | CODE      |
| SH     | 15 W  | LED 3000 K | 1600 lm                      | 107 lm/W                | 1,7  | 60°              | ☐      | PX4089700 |
|        | 15 W  | LED 4000 K | 1640 lm                      | 109 lm/W                | 1,7  | 60°              | ☐      | PX4089721 |
|        | 21 W  | LED 3000 K | 2210 lm                      | 105 lm/W                | 1,7  | 60°              | ☐      | PX4089707 |
|        | 21 W  | LED 4000 K | 2270 lm                      | 108 lm/W                | 1,7  | 60°              | ☐      | PX4089728 |
|        | 29 W  | LED 3000 K | 3010 lm                      | 104 lm/W                | 1,7  | 60°              | ☐      | PX4089714 |
| SH MAT | 29 W  | LED 4000 K | 3090 lm                      | 107 lm/W                | 1,7  | 60°              | ☐      | PX4089735 |
|        | 15 W  | LED 3000 K | 1460 lm                      | 97 lm/W                 | 1,7  | 60°              | ☐      | PX4089742 |
|        | 15 W  | LED 4000 K | 1500 lm                      | 100 lm/W                | 1,7  | 60°              | ☐      | PX4089763 |
|        | 21 W  | LED 3000 K | 2020 lm                      | 96 lm/W                 | 1,7  | 60°              | ☐      | PX4089749 |
|        | 21 W  | LED 4000 K | 2080 lm                      | 99 lm/W                 | 1,7  | 60°              | ☐      | PX4089770 |
|        | 29 W  | LED 3000 K | 2750 lm                      | 95 lm/W                 | 1,7  | 60°              | ☐      | PX4089756 |
|        | 29 W  | LED 4000 K | 2830 lm                      | 98 lm/W                 | 1,7  | 60°              | ☐      | PX4089777 |



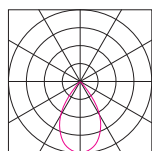
BARI DLK NT IP44 LED SH



BARI DLK NT IP44 LED SH MAT

BARI DLK NT IP44 LED SH - widok od dołu  
BARI DLK NT IP44 LED SH - bottom view

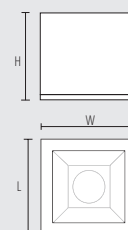
BARI DLK NT IP44 LED SH



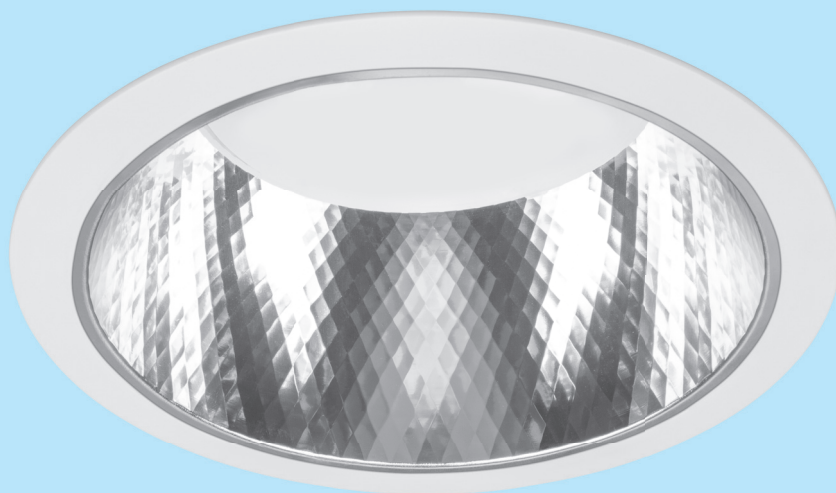
BARI DLK NT IP44 LED SH MAT

WYMIARY  
DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 169  | 169  | 165  |







## BARI ECO DL LED

**Wykonanie:** ring z aluminium malowany elektrolitycznie (w standardzie kolor biały), obudowa z blachy stalowej. Klosz OPAL, odbłyśnik z polerowanego aluminium o czystości 99,85%. Możliwość malowania obudowy na dowolny kolor z palety RAL.

**Montaż:** do wpuszczenia w sufit podwieszany

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted, white aluminum ring, steel sheet body, OPAL diffuser, reflector made of polished aluminum with a purity of 99,85%. Possibility painting in any of RAL colours.

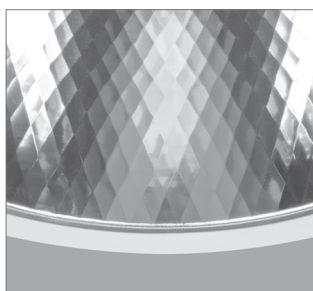
**Installation:** into plaster cardboard and modular ceilings

**Power supply:** 220 V - 240 V

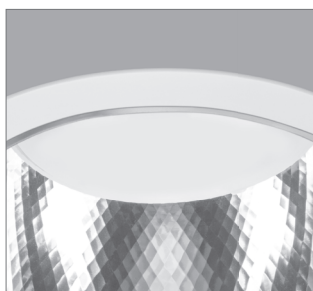
# BARI ECO DL LED



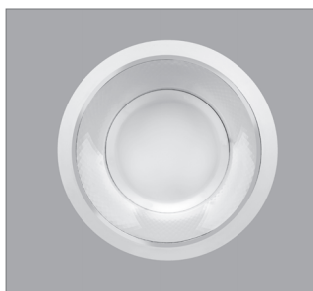
L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84



Odbłyśnik z aluminium  
Reflector made of aluminum



Klosz OPAL  
OPAL diffuser



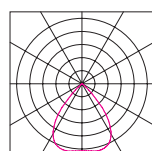
Widok od dołu  
Bottom view

|      | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
|      | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| Ø195 | 10 W  | LED 3000 K | 1140 lm                      | 114 lm/W                | 0,70 | ☐      | PX1487050 |
|      | 10 W  | LED 4000 K | 1160 lm                      | 116 lm/W                | 0,70 | ☐      | PX1487057 |
|      | 15 W  | LED 3000 K | 1560 lm                      | 104 lm/W                | 0,70 | ☐      | PX1487064 |
|      | 15 W  | LED 4000 K | 1590 lm                      | 106 lm/W                | 0,70 | ☐      | PX1487071 |
| Ø235 | 15 W  | LED 3000 K | 1620 lm                      | 108 lm/W                | 0,75 | ☐      | PX1487001 |
|      | 15 W  | LED 4000 K | 1660 lm                      | 110 lm/W                | 0,75 | ☐      | PX1487008 |
|      | 19 W  | LED 3000 K | 2060 lm                      | 108 lm/W                | 0,85 | ☐      | PX1487015 |
|      | 19 W  | LED 4000 K | 2090 lm                      | 110 lm/W                | 0,85 | ☐      | PX1487022 |
|      | 28 W  | LED 3000 K | 2780 lm                      | 100 lm/W                | 0,95 | ☐      | PX1487029 |
|      | 28 W  | LED 4000 K | 2830 lm                      | 101 lm/W                | 0,95 | ☐      | PX1487036 |

## WYMIARY DIMENSIONS

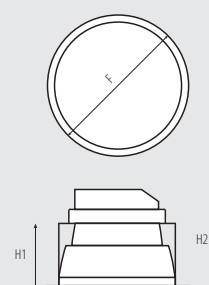
|      | H1   | H2   | F    |
|------|------|------|------|
|      | [mm] | [mm] | [mm] |
| Ø195 | 106  | 156  | 195  |
| Ø235 | 106  | 156  | 235  |

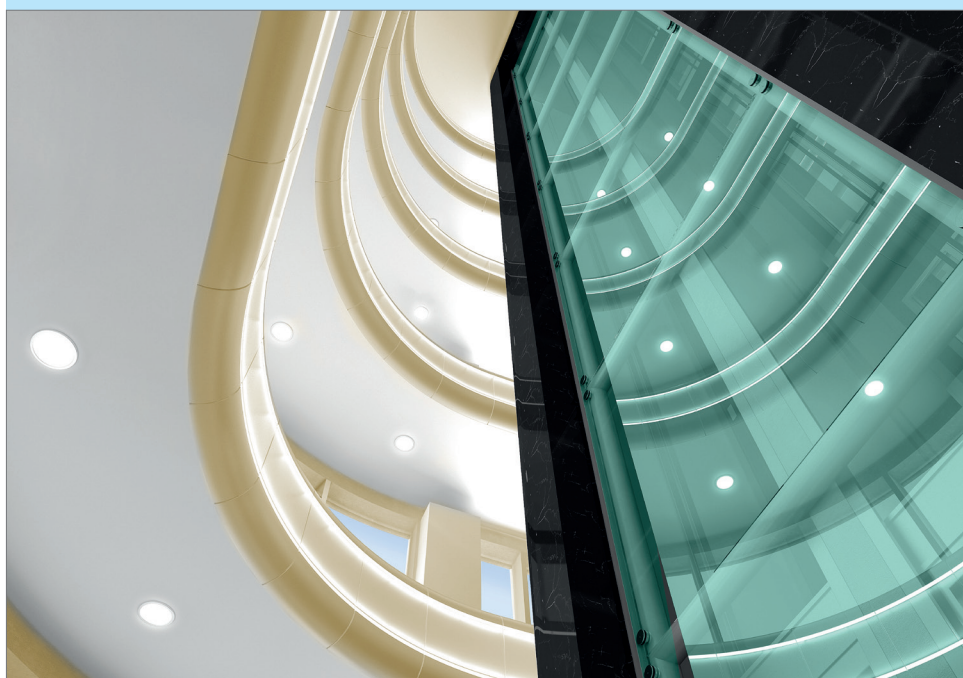
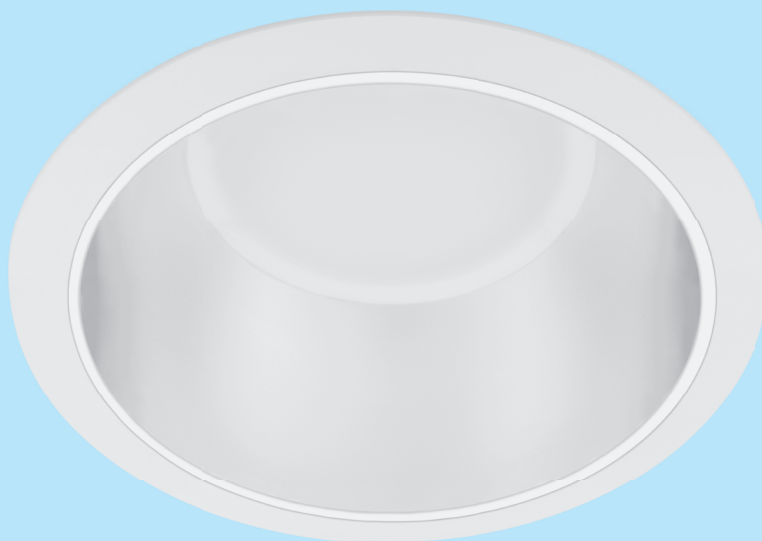
Średnica otworu montażowego: Ø195-180mm; Ø235 - 220mm  
Diameter of mounting hole: Ø195-180mm; Ø235 - 220mm



BARI ECO DL LED

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product





## BARI ECO DL LOW MAT LED

**Wykonanie:** ring z aluminium malowany elektrostatycznie (w standardzie kolor biały), obudowa z blachy stalowej. Klosz OPAL, odbłyśniki: polerowany lub matowy z aluminium o wysokiej czystości 99,85%. Możliwość malowania obudowy na dowolny kolor z palety RAL.

**Montaż:** do wpuszczenia w sufit podwieszany

**Zasilanie:** 220 V - 240 V

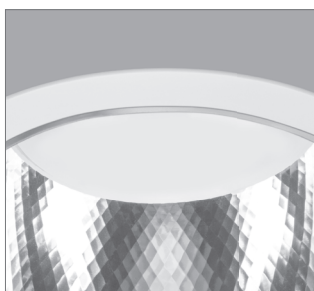
**Materials:** powder painted, white aluminum ring, steel sheet body, OPAL diffuser, reflector made of polished aluminum or MAT reflector made of aluminum with a purity of 99,85%. Possibility painting in any of RAL colours.

**Installation:** into plaster cardboard and modular ceilings

**Power supply:** 220 V - 240 V

# BARI ECO DL LOW LED

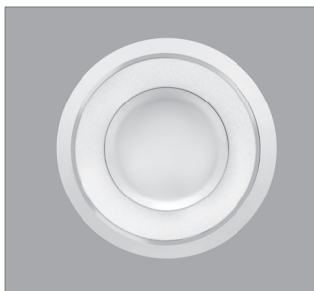
NOWOŚĆ



Klosz OPAL, odbłyśnik młotkowany z aluminium  
OPAL diffuser



Klosz OPAL, odbłyśnik matowy z aluminium  
OPAL diffuser and MAT reflector made with aluminium



Widok od dołu  
Bottom view



L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84

|             | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
|             | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| Ø195<br>LOW | 10 W  | LED 3000 K | 1150 lm                      | 115 lm/W                | 0,70 | ☐      | PX1487085 |
|             | 10 W  | LED 4000 K | 1170 lm                      | 117 lm/W                | 0,70 | ☐      | PX1487087 |
|             | 15 W  | LED 3000 K | 1560 lm                      | 104 lm/W                | 0,70 | ☐      | PX1487089 |
|             | 15 W  | LED 4000 K | 1590 lm                      | 106 lm/W                | 0,70 | ☐      | PX1487091 |
| Ø235<br>LOW | 15 W  | LED 3000 K | 1620 lm                      | 108 lm/W                | 0,75 | ☐      | PX1487073 |
|             | 15 W  | LED 4000 K | 1650 lm                      | 110 lm/W                | 0,75 | ☐      | PX1487075 |
|             | 19 W  | LED 3000 K | 2060 lm                      | 108 lm/W                | 0,85 | ☐      | PX1487077 |
|             | 19 W  | LED 4000 K | 2090 lm                      | 110 lm/W                | 0,85 | ☐      | PX1487079 |
|             | 28 W  | LED 3000 K | 2780 lm                      | 99 lm/W                 | 0,95 | ☐      | PX1487081 |
|             | 28 W  | LED 4000 K | 2830 lm                      | 101 lm/W                | 0,95 | ☐      | PX1487083 |

# BARI ECO DL LOW MAT LED

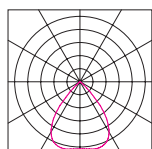


L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84

|                            |      | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|----------------------------|------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
|                            |      | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| LOW<br>MATOWY<br>ODBŁYŚNIK | Ø195 | 10 W  | LED 3000 K | 1100 lm                      | 110 lm/W                | 0,70 | ☐      | PX1487443 |
|                            |      | 10 W  | LED 4000 K | 1120 lm                      | 112 lm/W                | 0,70 | ☐      | PX1487450 |
|                            |      | 15 W  | LED 3000 K | 1500 lm                      | 100 lm/W                | 0,70 | ☐      | PX1487457 |
|                            |      | 15 W  | LED 4000 K | 1530 lm                      | 102 lm/W                | 0,70 | ☐      | PX1487464 |
| LOW<br>MAT REFLECTOR       | Ø235 | 15 W  | LED 3000 K | 1550 lm                      | 103 lm/W                | 0,75 | ☐      | PX1487401 |
|                            |      | 15 W  | LED 4000 K | 1580 lm                      | 105 lm/W                | 0,75 | ☐      | PX1487408 |
|                            |      | 19 W  | LED 3000 K | 1970 lm                      | 104 lm/W                | 0,85 | ☐      | PX1487415 |
|                            |      | 19 W  | LED 4000 K | 2000 lm                      | 105 lm/W                | 0,85 | ☐      | PX1487422 |
|                            |      | 28 W  | LED 3000 K | 2660 lm                      | 95 lm/W                 | 0,95 | ☐      | PX1487429 |
|                            |      | 28 W  | LED 4000 K | 2710 lm                      | 97 lm/W                 | 0,95 | ☐      | PX1487436 |

WYMIARY  
DIMENSIONS

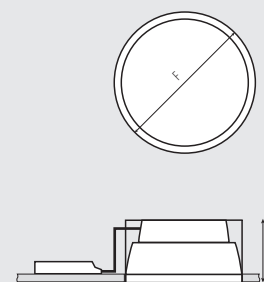
|      | H    | F    |
|------|------|------|
|      | [mm] | [mm] |
| Ø195 | 105  | 195  |
| Ø235 | 110  | 235  |

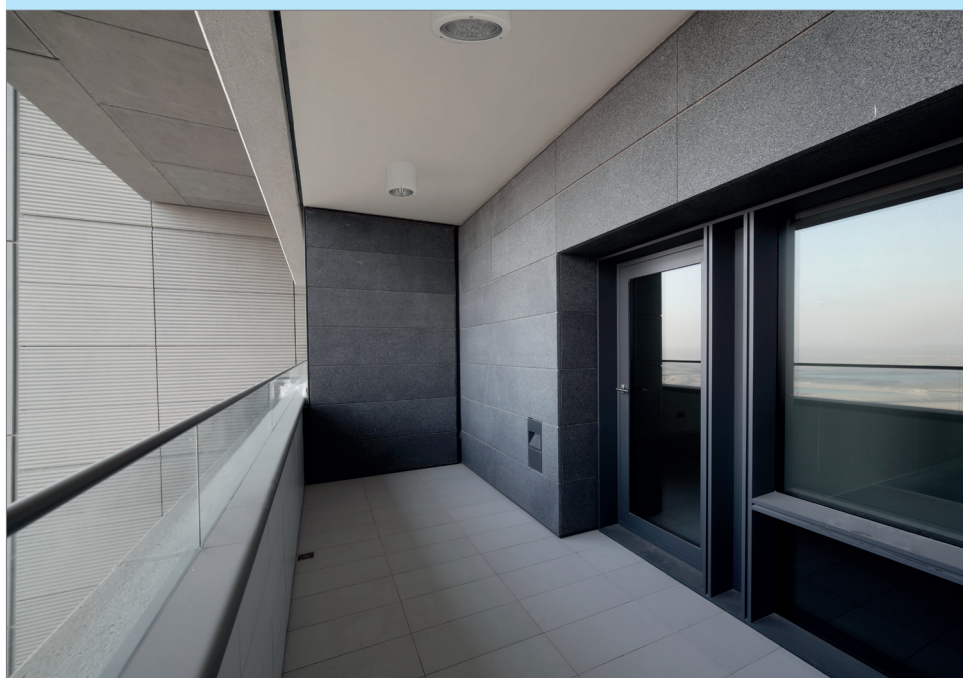


BARI ECO LED

Zasilacz poza oprawą (w komplecie)  
Driver outside the luminaire (in set)

Średnica otworu montażowego: Ø195-180mm; Ø235 - 220mm  
Diameter of mounting hole Ø195-180mm; Ø235 - 220mm





## BARI ECO DLN IP65 LED

**Wykonanie:** ring i obudowa z aluminium malowanego elektrostatycznie (w standardzie kolor biały). Klosz OPAL, szyba hartowana, odbłyśnik z aluminium o czystości 99,85%. Możliwość malowania obudowy na dowolny kolor z palety RAL.

**Montaż:** nastropowy, zwieszany

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted white aluminum ring; steel sheet body; OPAL diffuser, tempered glass Reflector made of aluminum with a purity of 99.85%. Possibility painting in any of RAL colours.

**Installation:** surface mounted, suspended

**Power supply:** 220 V - 240 V

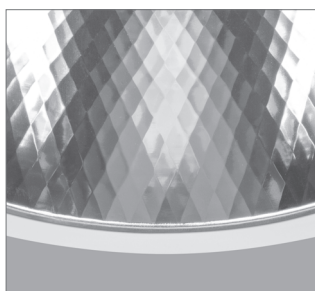


# BARI ECO DLN IP65 LED

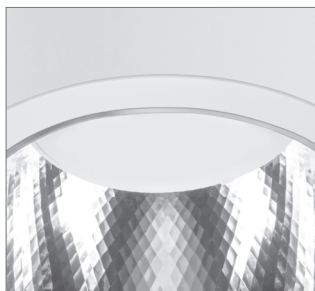


L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84

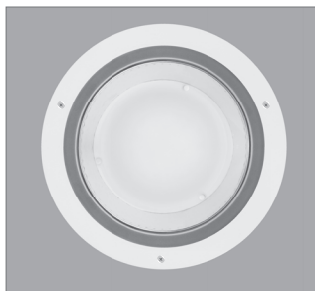
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | CODE      |
| 10 W  | LED 3000 K | 1140 lm                      | 114 lm/W                | 2,50 | <input type="checkbox"/> | PX1487301 |
| 10 W  | LED 4000 K | 1160 lm                      | 116 lm/W                | 2,50 | <input type="checkbox"/> | PX1487308 |
| 15 W  | LED 3000 K | 1560 lm                      | 104 lm/W                | 2,50 | <input type="checkbox"/> | PX1487315 |
| 15 W  | LED 4000 K | 1590 lm                      | 106 lm/W                | 2,50 | <input type="checkbox"/> | PX1487322 |
| 19 W  | LED 3000 K | 1990 lm                      | 105 lm/W                | 2,50 | <input type="checkbox"/> | PX1487329 |
| 19 W  | LED 4000 K | 2030 lm                      | 107 lm/W                | 2,50 | <input type="checkbox"/> | PX1487336 |
| 28 W  | LED 3000 K | 2690 lm                      | 96 lm/W                 | 2,50 | <input type="checkbox"/> | PX1487343 |
| 28 W  | LED 4000 K | 2750 lm                      | 98 lm/W                 | 2,50 | <input type="checkbox"/> | PX1487350 |



Odbłyśnik z aluminium  
Reflector made of aluminum



Wewnętrzny klosz OPAL  
OPAL diffuser inside



Widok od dołu  
Bottom view



Szyba hartowana przezroczysta  
Transparent tempered glass



BARI ECO DLN IP65 LED



## AKCESORIA ACCESSORIES

### Zawieszenie linkowe Suspension set

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

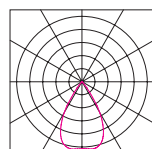
0,30 ☐ PX1494208

Standardowa długość zwieszki maksymalnie 1,5 m  
Standard length of suspension maximum 1,5 m

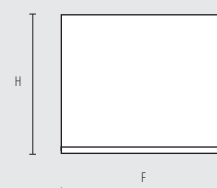
## WYMIARY DIMENSIONS

| H    | F    |
|------|------|
| [mm] | [mm] |

188 245



BARI ECO DLN IP65 LED





## BARI ECO DLN LED

**Wykonanie:** ring i obudowa z aluminium malowanego elektrostatycznie (w standardzie kolor biały). Klosz OPAL, szyba hartowana, odbłyśnik z aluminium o czystości 99,85%. Możliwość malowania obudowy na dowolny kolor z palety RAL.

**Montaż:** nastropowy, zwieszany

**Akcesoria:** zawieszenie linkowe PX1484201

**Zasilanie:** 220 V - 240 V

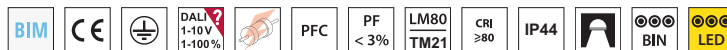
**Materials:** powder painted white aluminum ring; steel sheet body; OPAL diffuser, tempered glass Reflector made of aluminum with a purity of 99.85%. Possibility painting in any of RAL colours.

**Installation:** surface mounted, suspended

**Accessories:** suspension set PX1484201

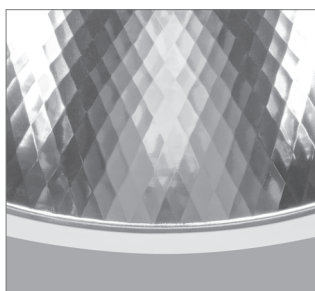
**Power supply:** 220 V - 240 V

# BARI ECO DLN LED

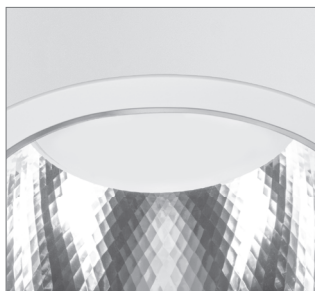


L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84

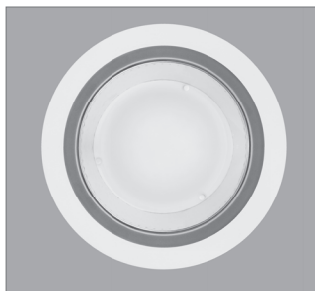
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 10 W  | LED 3000 K | 1140 lm                      | 114 lm/W                | 1,80 | □      | PX1487101 |
| 10 W  | LED 4000 K | 1160 lm                      | 116 lm/W                | 1,80 | □      | PX1487108 |
| 15 W  | LED 3000 K | 1560 lm                      | 104 lm/W                | 1,80 | □      | PX1487115 |
| 15 W  | LED 4000 K | 1590 lm                      | 106 lm/W                | 1,80 | □      | PX1487122 |
| 19 W  | LED 3000 K | 1990 lm                      | 105 lm/W                | 1,80 | □      | PX1487129 |
| 19 W  | LED 4000 K | 2030 lm                      | 107 lm/W                | 1,80 | □      | PX1487136 |
| 28 W  | LED 3000 K | 2690 lm                      | 96 lm/W                 | 1,80 | □      | PX1487143 |
| 28 W  | LED 4000 K | 2750 lm                      | 98 lm/W                 | 1,80 | □      | PX1487150 |



Odbłyśnik z aluminium  
Reflector made of aluminum



Wewnętrzny klosz OPAL  
OPAL diffuser inside



Widok od dołu  
Bottom view



Szyba hartowana przezroczysta  
Transparent tempered glass



BARI ECO DLN LED



## AKCESORIA ACCESSORIES

### Zawieszenie linkowe Suspension set

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

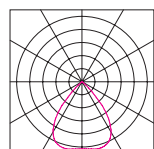
0,30 □ PX1494208

Standardowa długość zwieszarki maksymalnie 1,5 m  
Standard length of suspension maximum 1,5 m

## WYMIARY DIMENSIONS

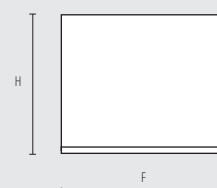
| H    | F    |
|------|------|
| [mm] | [mm] |

180 228



BARI ECO DLN LED

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

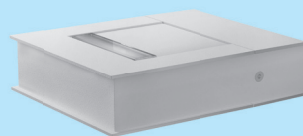




BIDI BOLLARD LED



BIDI BOLLARD BASSO LED



BIDI APPLIQUE LED



## BIDI LED

**Wykonanie:** korpus z oksydowanego odlewu aluminiowego malowanego, klosz przezroczysty z poliwęglanu.

Dostępne kolory:

BIDI BOLLARD - czarny lub miedziany,  
BIDI APPLIQUE - biały lub miedziany.

**Montaż:** BOLLARD - do podłoża, APPLIQUE - naścienny

**Akcesoria:** słupek, uchwyt ścienny

**Zasilanie:** 220 V - 240 V

**Materials:** body in die-cast aluminium polyester painted with a special antioxidising treatment, diffuser in clear polycarbonate.

Available colours:

BIDI BOLLARD - black or rust,  
BIDI APPLIQUE - white or rust.

**Installation:** BOLLARD for the ground, APPLIQUE - wall mounted

**Accessories:** pole, wall bracket

**Power supply:** 220 V - 240 V

# BIDI LED



L80 B10 >50 000h • CRI 85

| MOC    | ŹRÓDŁO               | [kg] | KOLOR                                                                               | KĄT ROZSYŁU | INFO                                                                                | KOD      |
|--------|----------------------|------|-------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|----------|
| POWER  | LAMP                 | [kg] | COLOUR                                                                              | LIGHT BEAM  | INFO                                                                                | CODE     |
| 12 W   | LED 1x1800 lm 3000 K | 1,50 |  | 85°/40°     |  | IV190501 |
| 12 W   | LED 1x1800 lm 3000 K | 1,50 |  | 85°/40°     |  | IV190567 |
| 2x12 W | LED 2x1800 lm 3000 K | 1,50 |  | 85°/40°     |  | IV190601 |
| 2x12 W | LED 2x1800 lm 3000 K | 1,50 |  | 85°/40°     |  | IV190667 |
| 12 W   | LED 1x1800 lm 3000 K | 1,60 |  | 44°         |  | IV190704 |
| 12 W   | LED 1x1800 lm 3000 K | 1,60 |  | 44°         |  | IV190767 |
| 2x12 W | LED 2x1800 lm 3000 K | 1,60 |  | 85°/40°     |  | IV190604 |
| 2x12 W | LED 2x1800 lm 3000 K | 1,60 |  | 85°/40°     |  | IV190667 |



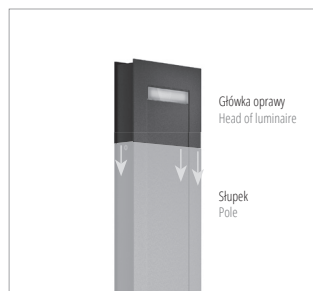
BIDI BOLLARD Rust (miedź) - główka oprawy i słupek  
BIDI BOLLARD Rust - head of luminaire and pole



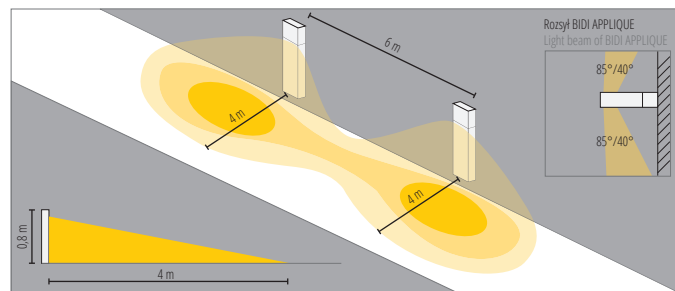
BIDI APPLIQUE Rust (miedź) - główka oprawy i uchwyt ścienny  
BIDI APPLIQUE Rust - head of luminaire and wall bracket



BIDI APPLIQUE - główka oprawy i uchwyt ścienny - przykład montażu  
BIDI APPLIQUE - head of luminaire and wall bracket - example of mounting



BIDI BOLLARD - główka oprawy i słupek - przykład montażu  
BIDI BOLLARD - head of luminaire and pole - example of mounting



BIDI BOLLARD - zasięg oświetlenia  
BIDI BOLLARD - range of lighting

BIDI BOLLARD - widok izometryczny  
BIDI BOLLARD - isometric view

## AKCESORIA ACCESSORIES

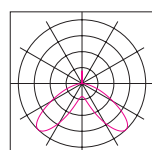
| [kg] | KOLOR  | KOD       | INFO        |
|------|--------|-----------|-------------|
| [kg] | COLOUR | CODE      | INFO        |
| 0,80 | ■      | IV1636401 | H = 265 [2] |
| 0,80 | ■      | IV1636467 | H = 265 [2] |
| 1,80 | ■      | IV1636801 | H = 685 [1] |
| 1,80 | ■      | IV1636867 | H = 685 [1] |

## Uchwyt ścienny Wall bracket

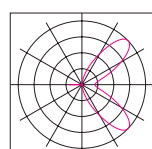
|      |   |           |
|------|---|-----------|
| 0,20 | □ | IV1635004 |
| 0,20 | ■ | IV1635067 |

## WYMIARY DIMENSIONS

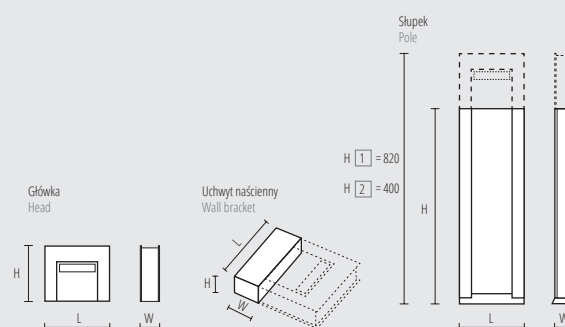
|                                     | L    | W    | H    |
|-------------------------------------|------|------|------|
|                                     | [mm] | [mm] | [mm] |
| BIDI LED GŁÓWKA / HEAD OF LUMINAIRE | 158  | 47   | 135  |
| BIDI BOLLARD LED SŁUPEK / POLE      | 158  | 47   | 685  |
| BIDI BOLLARD LED SŁUPEK / POLE      | 158  | 47   | 265  |
| BIDI APPLIQUE LED UCHWYT / BRACKET  | 158  | 61   | 47   |



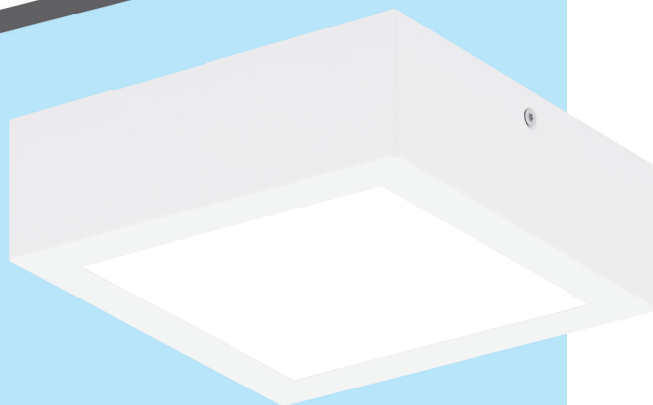
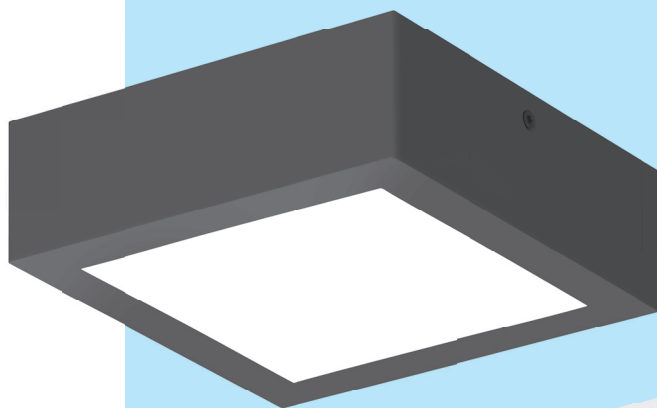
BIDI BOLLARD LED



BIDI APPLIQUE LED







## BOX LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie (w standardzie kolor antracyt lub biały). Satynowany klosz mleczny OPAL.

**Montaż:** nastropowy

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body (standard colour: anthracite or white). Satine OPAL diffuser.

**Installation:** surface mounted

**Power supply:** 220 V - 240 V

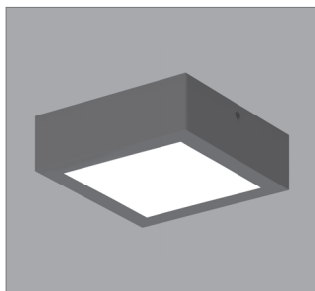
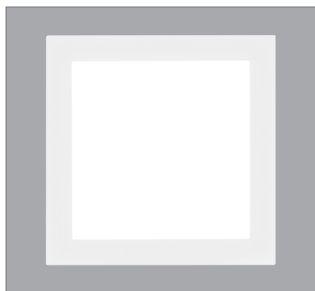
## BOX LED

NOWOŚĆ

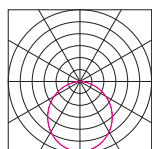


L70 B10 &gt; 50 000h • SDCM 3 • LLMF 70% • CRI 80

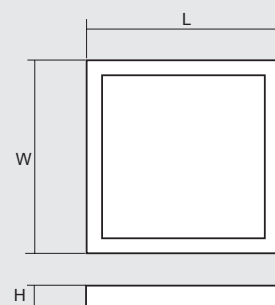
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR  | KOD       |
|-------|------------|----------------------------------|----------------------------|------|--------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR | CODE      |
| 12 W  | LED 4000 K | 600 lm                           | 50 lm/W                    | 1,00 | □      | PX3760790 |
| 12 W  | LED 4000 K | 600 lm                           | 50 lm/W                    | 1,00 | ■      | PX3760795 |

Wersja biała  
White versionWersja antracyt  
Anthracite versionSatynowany klosz OPAL  
Satin OPAL diffuserWYMIARY  
DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 180  | 180  | 65   |



BOX LED





CENTRA LED NT IP41



CENTRA LED G/K IP20



| Tworzenie kodu          | Mocowanie    | MOC     | Tryb awaryjny  | INFO      | Optyka                                      | Kolor                                                                                   | Moduł awaryjny   |
|-------------------------|--------------|---------|----------------|-----------|---------------------------------------------|-----------------------------------------------------------------------------------------|------------------|
| CODE GENERATING FORMULA | INSTALLATION | POWER   | EMERGENCY MODE | INFO      | OPTICS                                      | COLOUR                                                                                  | EMERGENCY MODULE |
| PCabcdefg               | a            | b       | c              | d         | e                                           | f                                                                                       | g                |
|                         | 1 - NT       | 1 - 1 W | 0 - CB         | 1 - NM    | 1 - O - otwarta / open                      | 1 -  | 2 - ECO          |
|                         | 2 - GK       | 2 - 2 W | 1 - 1h         | 2 - M     | 2 - C - korytarz / corridor                 | 2 -  | 3 - STANDARD     |
|                         |              | 3 - 3 W | 2 - 2h         | 3 - NM AT | 3 - A - asymetryczna / asymmetric           | 3 -  | 4 - PREMIUM      |
|                         |              | 4 - 4 W | 3 - 3h         | 4 - M AT  | 4 - R - droga awakacyjna / evacuation route | 4 - inne / other                                                                        | 5 - CB           |
|                         |              |         |                | 5 - CB    | 5 - U - uniwersalna / universal             |                                                                                         |                  |

| OPIS TWORZENIA KODU<br>CODE GENERATOR           | P C a b c d e f g |
|-------------------------------------------------|-------------------|
| mocowanie / installation                        |                   |
| NT - natynkowe / surface mounted                |                   |
| GK - wpuszczane / into gypsum cardboard ceiling |                   |
| moc / power                                     |                   |
| tryb awaryjny / emergency mode                  |                   |
| info / info                                     |                   |
| optyka / optics                                 |                   |
| kolor / colour                                  |                   |
| moduł awaryjny / emergency module               |                   |

#### TRYB AWARYJNY / EMERGENCY MODE

NM - wersja awaryjna / non-maintained version  
M - wersja awaryjno - sieciowa / maintained version  
NM AT - wersja jednozadaniowa z autotestem / non-maintained version with autotest  
M AT - wersja dwuzadaniowa z autotestem / maintained version with autotest  
CB - wersja do centralnej baterii 230V AC/DC / version for 230V AC/DC central battery

#### MODUŁ AWARYJNY / EMERGENCY MODULE

2 - układ zasilający dla oprawy w wersji ECO / module for ECO version of luminaire  
3 - układ zasilający dla oprawy w wersji STANDARD / module for STANDARD version of luminaire  
4 - układ zasilający dla oprawy w wersji PREMIUM / module for PREMIUM version of luminaire  
5 - wersja dla oprawy do centralnej baterii / module for luminaire to central battery

## CENTRA LED

Oprawa awaryjna, dostępna w wersji z autotestem, do baterii centralnej 230V AC/DC. Z optyką do przestrzeni otwartych i do dróg ewakuacyjnych i korytarzy, uniwersalną i asymetryczną.

**Wykonanie:** obudowa z poliwęglanu (biała, szara lub czarna)

**Montaż:** nastrogowy, G/K

**Zasilanie:** 220 V - 240 V

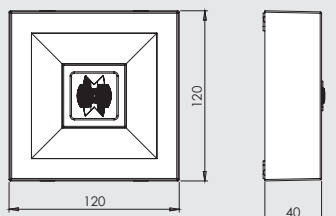
Emergency luminaire available in versions with autotest, for central battery 230V AC/DC. Available with optics for open spaces and emergency escape routes, asymmetric and universal.

**Materials:** body made of PC in white, gray or black colour

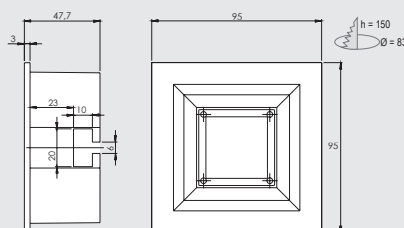
**Installation:** surface mounted, into gypsum cardboard ceiling

**Power supply:** 220 V - 240 V

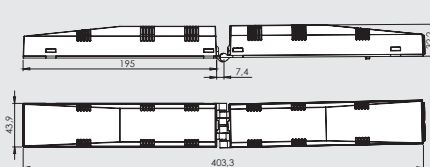
CENTRA LED NT



CENTRA LED G/K



MODUŁ ZASILAJĄCY G/K  
POWER SUPPLY UNIT FOR G/K VERSIONS





## CIRCLE LED

**Wykonanie:** obudowa z blachy stalowej, malowanej elektrolitycznie na kolor biały. Istnieje możliwość lakierowania na dowolny kolor z palety RAL. Klosz OPAL (PMMA).

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej lub G/K.

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of steel, electrostatically painted in white (all colours in RAL pallet available), diffuser - OPAL plate (PMMA).

**Installation:** suspended ceilings with exposed grid 600x600 or G/K ceilings (gypsum plasterboard).

**Power supply:** 220 V - 240 V

# CIRCLE LED

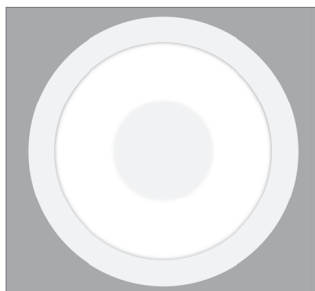


L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

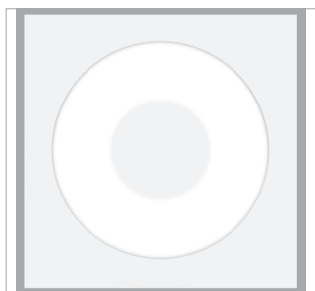
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | INFO    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|---------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | INFO    | CODE      |
| 27 W  | LED 3000 K | 3110 lm                      | 115 lm/W                | 4,2  | <input type="checkbox"/> | 600x600 | PX2063901 |
| 27 W  | LED 4000 K | 3170 lm                      | 117 lm/W                | 4,2  | <input type="checkbox"/> | 600x600 | PX2063908 |
| 27 W  | LED 3000 K | 3110 lm                      | 115 lm/W                | 3    | <input type="checkbox"/> | G/K     | PX2063904 |
| 27 W  | LED 4000 K | 3170 lm                      | 117 lm/W                | 3    | <input type="checkbox"/> | G/K     | PX2063911 |



Klosz OPAL, obudowa z blachy stalowej  
OPAL diffuser, housing made of steel



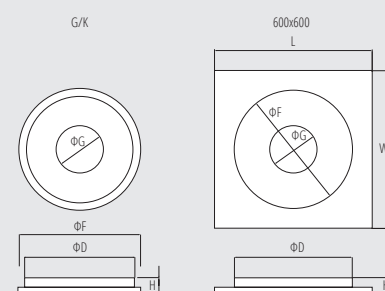
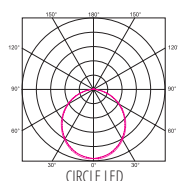
Wewnętrzny ring z blachy pod kloszem OPAL. Wersja G/K  
Internal circle below OPAL diffuser. Version for gypsum plasterboard ceiling



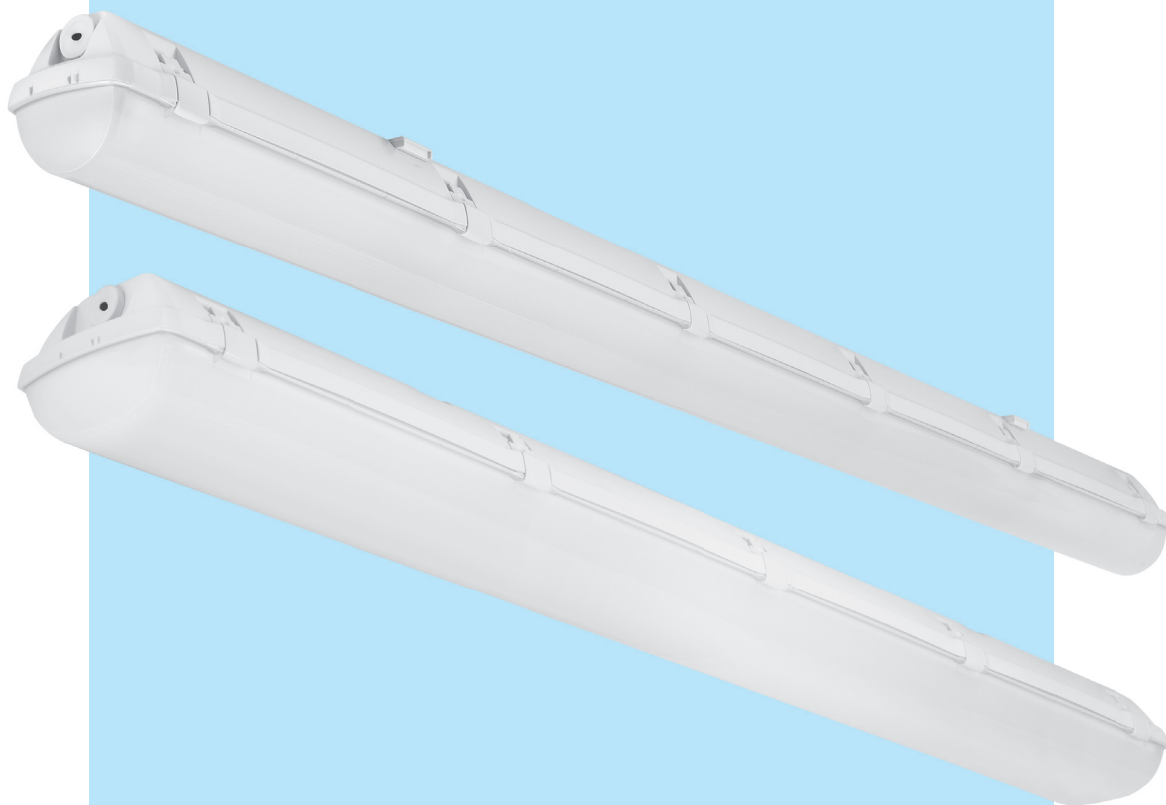
Wersja do sufitów podwieszanych 600x600  
Version for 600x600 ceiling with exposed grid

## WYMIARY DIMENSIONS

| MOC              | L    | W    | H    | D    | F    | G    |
|------------------|------|------|------|------|------|------|
| POWER            | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] |
| 27 W LED 600x600 | 595  | 595  | 96   | 450  | 450  | 170  |
| 27 W LED GK      | -    | -    | 96   | 449  | 486  | 171  |







## FIBRA LED

**Wykonanie:** podstawa z poliwęglanu PC odpornego na uderzenia. Klosz wewnętrznie ryflowany odporny na działanie promieniowania UV, wykonany z poliwęglanu PC. Klipsy wzmocnione włóknem szklanym (w wersji INDUSTRY klipsy INOX). Możliwość montażu modułu awaryjnego. Dużym atutem oprawy jest klosz optyczny dzięki któremu niewidoczne są punkty świecące źródeł LED.

**Montaż:** nastropowy lub zwieszany

**Akcesoria:** klipsy ze stali nierdzewnej INOX, kratka ochronna

**Zasilanie:** 220 V - 240 V

**Materials:** base made of impact proof polycarbonate; grooven inside, UV stabilized, polycarbonate (PC) diffuser. Special optic diffuser hiding LED light sources. Fiber glass reinforced clips (INDUSTRY version - stainless steel clips). Possibility of application of emergency module.

**Installation:** surface mounted or suspended

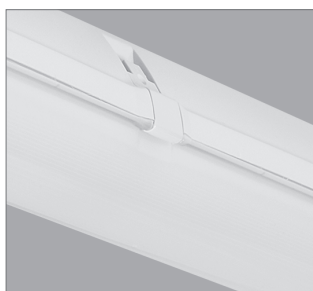
**Accessories:** stainless steel clips, protective grid

**Power supply:** 220 V - 240 V

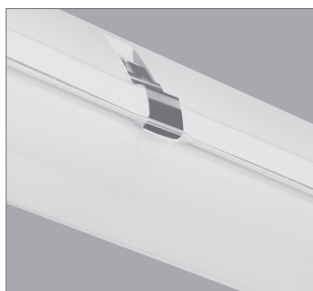
# FIBRA LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Klipsy wzmocnione włóknem szklanym  
Fiber glass reinforced clips



Wersja INDUSTRY - klipsy stalowe INOX  
INDUSTRY version - stainless steel clips



Klosz optyczny - brak widocznych punktów LED  
Special optic diffuser hiding LED light sources

| [mm]                                   | MOC   | ŹRÓDŁO          | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|----------------------------------------|-------|-----------------|------------------------------|-------------------------|------|--------|-----------|
| [mm]                                   | POWER | LAMP            | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| HIGH POWER                             | 95    | 17 W LED 3000 K | 2040 lm                      | 120 lm/W                | 1,6  | ■      | PX2040101 |
|                                        |       | 17 W LED 4000 K | 2080 lm                      | 122 lm/W                | 1,6  | ■      | PX2040151 |
|                                        |       | 30 W LED 3000 K | 4080 lm                      | 136 lm/W                | 2,5  | ■      | PX2040107 |
|                                        |       | 30 W LED 4000 K | 4160 lm                      | 139 lm/W                | 2,5  | ■      | PX2040157 |
|                                        |       | 42 W LED 3000 K | 6130 lm                      | 146 lm/W                | 3,4  | ■      | PX2040471 |
|                                        |       | 42 W LED 4000 K | 6260 lm                      | 149 lm/W                | 3,4  | ■      | PX2040478 |
|                                        | 145   | 37 W LED 3000 K | 5100 lm                      | 138 lm/W                | 3,2  | ■      | PX2040113 |
|                                        |       | 37 W LED 4000 K | 5200 lm                      | 141 lm/W                | 3,2  | ■      | PX2040163 |
|                                        |       | 30 W LED 3000 K | 4030 lm                      | 134 lm/W                | 1,6  | ■      | PX2040169 |
|                                        |       | 30 W LED 4000 K | 4110 lm                      | 137 lm/W                | 1,6  | ■      | PX2040187 |
|                                        |       | 58 W LED 3000 K | 8070 lm                      | 139 lm/W                | 2,6  | ■      | PX2040175 |
|                                        |       | 58 W LED 4000 K | 8230 lm                      | 142 lm/W                | 2,6  | ■      | PX2040193 |
| FIBRA LED<br>INDUSTRY<br>-40°C ÷ +50°C | 95    | 72 W LED 3000 K | 10090 lm                     | 140 lm/W                | 3,3  | ■      | PX2040181 |
|                                        |       | 72 W LED 4000 K | 10290 lm                     | 143 lm/W                | 3,3  | ■      | PX2040199 |
|                                        |       | 37 W LED 3000 K | 5100 lm                      | 138 lm/W                | 3,3  | ■      | PX2040401 |
|                                        |       | 37 W LED 4000 K | 5200 lm                      | 141 lm/W                | 3,3  | ■      | PX2040408 |
|                                        |       | 58 W LED 3000 K | 8070 lm                      | 139 lm/W                | 2,7  | ■      | PX2040415 |
|                                        |       | 58 W LED 4000 K | 8230 lm                      | 142 lm/W                | 2,7  | ■      | PX2040422 |
|                                        | 145   | 72 W LED 3000 K | 10090 lm                     | 140 lm/W                | 3,4  | ■      | PX2040429 |
|                                        |       | 72 W LED 4000 K | 10290 lm                     | 143 lm/W                | 3,4  | ■      | PX2040436 |

FIBRA LED INDUSTRY - w standardzie wyposażona jest w klipsy INOX oraz zawór kompensacyjny. Oprawa przystosowana do pracy w temperaturze otoczenia od -40°C do +50°C.  
FIBRA LED INDUSTRY - stainless steel (INOX) clips and compensatory valve in standard. Fixture adapted to work in ambient temperature from -40°C to +50°C.

## AKCESORIA ACCESSORIES

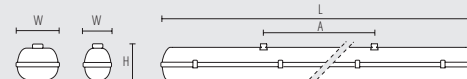
Klipsy ze stali nierdzewnej  
Stainless clips available

Kratka ochronna  
Protective grid

| KOD            | INFO           | [kg] |
|----------------|----------------|------|
| CODE           | INFO           | [kg] |
| TV622490002430 | L = 662 - 6x   | 0,20 |
|                | L = 1272 - 10x |      |
|                | L = 1572 - 12x |      |
| PX2026618      | 700x230x130    | 2,00 |
| PX2026636      | 1300x230x130   | 2,20 |
| PX2026658      | 1600x230x130   | 2,65 |

## WYMIARY DIMENSIONS

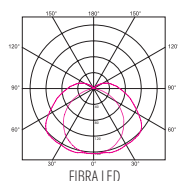
| MOC   | L    | W    | H    | A    |
|-------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] |
| 17 W  | 662  | 95   | 111  | 350  |
| 30 W  | 1272 | 95   | 111  | 700  |
| 42 W  | 1272 | 95   | 111  | 700  |
| 37 W  | 1572 | 95   | 111  | 940  |
| 30 W  | 662  | 145  | 111  | 350  |
| 58 W  | 1272 | 145  | 111  | 700  |
| 72 W  | 1572 | 145  | 111  | 940  |



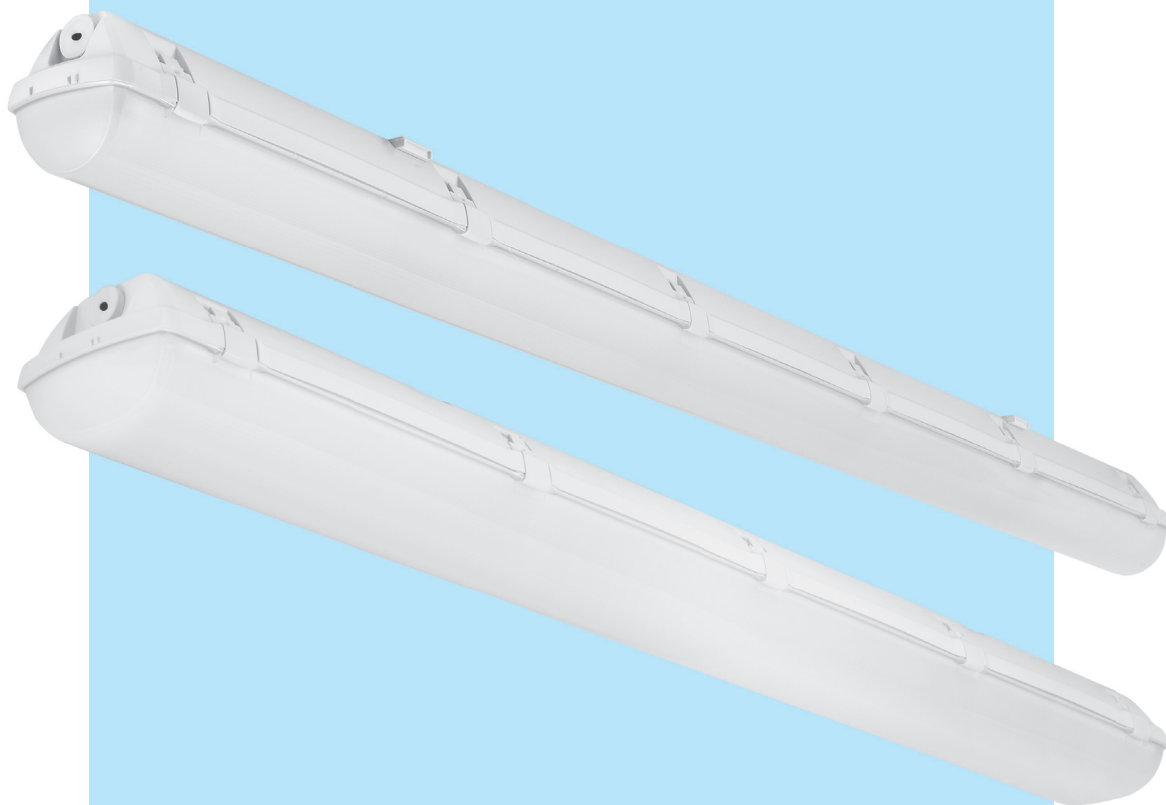
Kratka ochronna  
Protective grid



Klipsy ze stali nierdzewnej  
Stainless clips available



**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product



## FIBRA LED PREMIUM

**Wykonanie:** podstawa z poliwęglanu PC odpornego na uderzenia. Klosz wewnętrznie ryflowany odporny na działanie promieniowania UV, wykonany z poliwęglanu PC. Klipsy wzmocnione włóknem szklanym. Możliwość montażu modułu awaryjnego.

**Montaż:** nastropowy lub zwieszany

**Akcesoria:** klipsy ze stali nierdzewnej INOX, kratka ochronna

**Zasilanie:** 220 V - 240 V

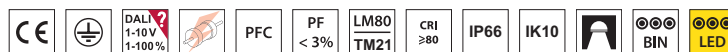
**Materials:** base made of impact proof polycarbonate; grooven inside, UV stabilized, polycarbonate (PC) diffuser. Special optic diffuser hiding LEDs. Fiber glass reinforced clips. Possibility of application of emergency module.

**Installation:** surface mounted or suspended

**Accessories:** stainless steel clips, protective grid

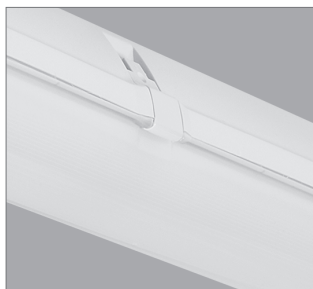
**Power supply:** 220 V - 240 V

# FIBRA LED PREMIUM



L90 B10 >60 000h • SDCM 3 • LLMF 90% • CRI 84

| [mm] | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| [mm] | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 95   | 13 W  | LED 3000 K | 1960 lm                      | 151 lm/W                | 1,6  | ■      | PX2040901 |
|      | 13 W  | LED 4000 K | 2020 lm                      | 155 lm/W                | 1,6  | ■      | PX2040922 |
|      | 26 W  | LED 3000 K | 3920 lm                      | 151 lm/W                | 2,5  | ■      | PX2040908 |
|      | 26 W  | LED 4000 K | 4040 lm                      | 155 lm/W                | 2,5  | ■      | PX2040929 |
|      | 32 W  | LED 3000 K | 4900 lm                      | 153 lm/W                | 3,2  | ■      | PX2040915 |
|      | 32 W  | LED 4000 K | 5050 lm                      | 158 lm/W                | 3,2  | ■      | PX2040936 |
| 145  | 26 W  | LED 3000 K | 3920 lm                      | 151 lm/W                | 1,6  | ■      | PX2040943 |
|      | 26 W  | LED 4000 K | 4040 lm                      | 155 lm/W                | 1,6  | ■      | PX2040964 |
|      | 49 W  | LED 3000 K | 7840 lm                      | 160 lm/W                | 2,6  | ■      | PX2040950 |
|      | 49 W  | LED 4000 K | 8080 lm                      | 165 lm/W                | 2,6  | ■      | PX2040971 |
|      | 60 W  | LED 3000 K | 9800 lm                      | 163 lm/W                | 3,3  | ■      | PX2040957 |
|      | 60 W  | LED 4000 K | 10100 lm                     | 168 lm/W                | 3,3  | ■      | PX2040978 |



Klipsy wzmacnione włóknem szklanym  
Fiber glass reinforced clips



Klosz optyczny - brak widocznych punktów LED  
Special optic diffuser hiding LED light sources

## AKCESORIA ACCESSORIES

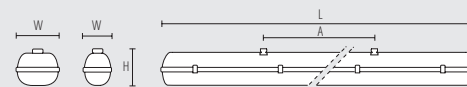
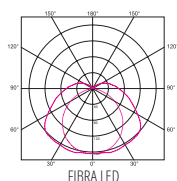
Klipsy ze stali nierdzewnej  
Stainless clips available

Kratka ochronna  
Protective grid

| KOD            | INFO           | [kg] |
|----------------|----------------|------|
| CODE           | INFO           | [kg] |
| TV622490002430 | L = 662 - 6x   | 0,20 |
|                | L = 1272 - 10x |      |
|                | L = 1572 - 12x |      |
| PX2026618      | 700x230x130    | 2,00 |
| PX2026636      | 1300x230x130   | 2,20 |
| PX2026658      | 1600x230x130   | 2,65 |

## WYMIARY DIMENSIONS

| MOC   | L    | W    | H    | A    |
|-------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] |
| 13 W  | 662  | 95   | 111  | 350  |
| 26 W  | 1272 | 95   | 111  | 700  |
| 32 W  | 1572 | 95   | 111  | 940  |
| 26 W  | 662  | 145  | 111  | 350  |
| 49 W  | 1272 | 145  | 111  | 700  |
| 60 W  | 1572 | 145  | 111  | 940  |



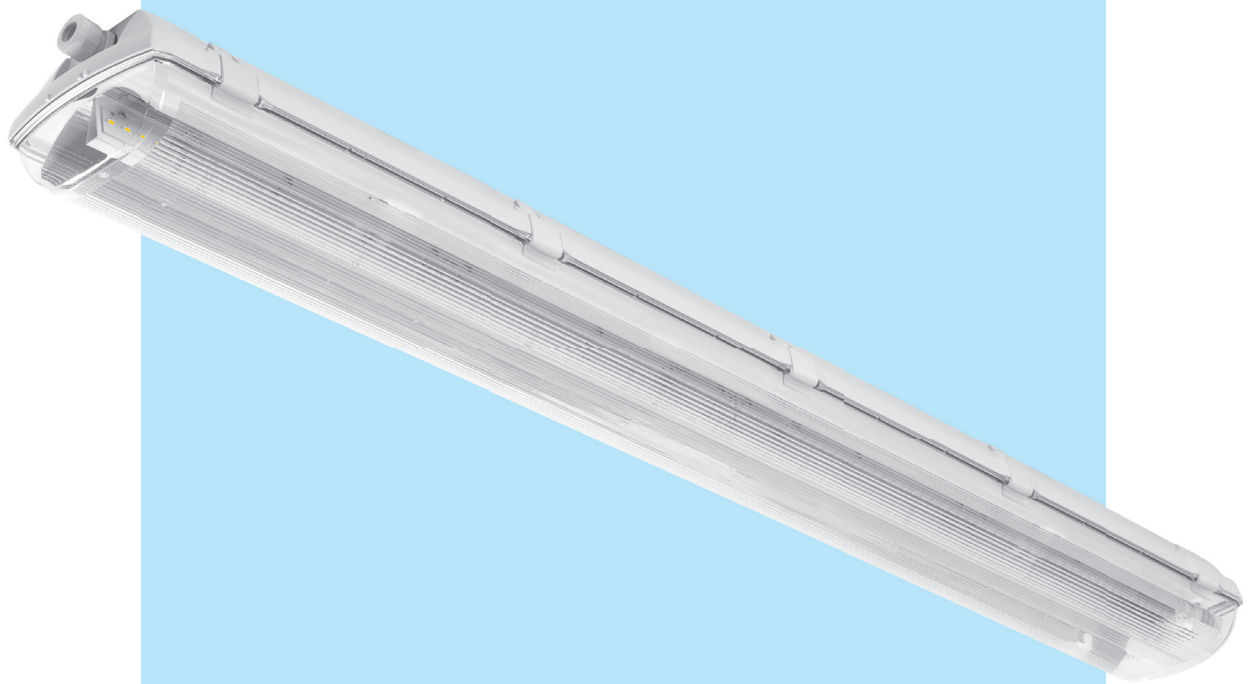
Kratka ochronna  
Protective grid



Klipsy ze stali nierdzewnej  
Stainless clips available







## FIBRA LED NARROW BEAM

**Wykonanie:** podstawa z poliwęglanu PC odpornego na uderzenia. Klosz wewnętrznie ryflowany odporny na działanie promieniowania UV, wykonany z poliwęglanu PC. Klipsy wzmocnione włóknem szklanym. Możliwość montażu modułu awaryjnego.

**Montaż:** nastropowy lub zwieszany

**Akcesoria:** kratka ochronna

**Zasilanie:** 220 V - 240 V

**Materials:** base made of impact proof polycarbonate; grooven inside, UV stabilized, polycarbonate (PC) diffuser. Fiber glass reinforced clips. Possibility of application of emergency module and DALI driver.

**Installation:** surface mounted or suspended

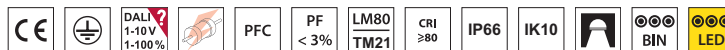
**Accessories:** protective grid

**Power supply:** 220 V - 240 V

DO OŚWIETLANIA REGAŁÓW W MAGAZYNACH Z SUFITEM 10-15m  
FOR STORAGE RACK LANES WITH HIGH CEILINGS 10-15m



## FIBRA LED NARROW BEAM



L80 B20 &gt;50 000h • SDCM 3 • CRI 80

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD        |
|-------|------------|------------------------------|-------------------------|------|--------|------------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE       |
| 58 W  | LED 4000 K | 7470 lm                      | 129 lm/W                | 3,3  |        | NPX2040501 |
| 71 W  | LED 4000 K | 9100 lm                      | 128 lm/W                | 3,9  |        | NPX2040508 |

DO OŚWIEPLENIA REGAŁÓW W MAGAZYNACH Z SUFITEM 10-15m  
FOR STORAGE RACK LANES WITH HIGH CEILINGS 10-15m

Informacje:  
Maksymalna temperatura otoczenia podczas pracy:  $t_a = 40^\circ\text{C}$   
Dławnice kablowe: PG13,5

Information:  
Maximum ambient temperature up to  $t_a = 40^\circ\text{C}$   
Cable glands: screwed PG13,5

Na zapytanie dostępne są wersje:  
CRI > 80: 3000K, 5000K, 6500K  
CRI > 90: 3000K, 4000K

On request:  
CRI > 80: 3000K, 5000K, 6500K  
CRI > 90: 3000K, 4000K

Na zapytanie dostępne są wersje posiadające:  
zasilacz DALI umożliwiający regulację natężenia światła  
moduł awaryjny 1h lub 3h  
okablowanie przelotowe 1-fazowe  
okablowanie przelotowe 3-fazowe  
klipsy ze stali nierdzewnej

Versions with equipment on request:  
DALI driver - digital dimmable driver  
emergency module 1h or 3h  
1-phase wiring cables for through-wiring  
3-phase wiring cables for through-wiring  
stainless steel clips



Oprawa FIBRA LED bez klosza - odbłyśniki i diody LED  
FIBRA LED luminaire without diffuser - reflector and LEDs



Wewnętrznie ryflowany klosz z poliwęglanu  
Grooved inside polycarbonate diffuser

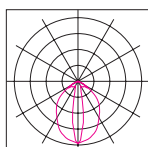
#### AKCESORIA ACCESSORIES

Kratka ochronna  
Protective grid

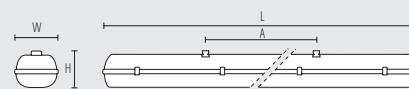
| KOD       | INFO         | [kg] |
|-----------|--------------|------|
| CODE      | INFO         | [kg] |
| PX2026636 | 1300x230x130 | 2,20 |
| PX2026658 | 1600x230x130 | 2,65 |

#### WYMIARY DIMENSIONS

| MOC   | L    | W    | H    | A    |
|-------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] |
| 58 W  | 1172 | 145  | 111  | 700  |
| 71 W  | 1452 | 145  | 111  | 940  |

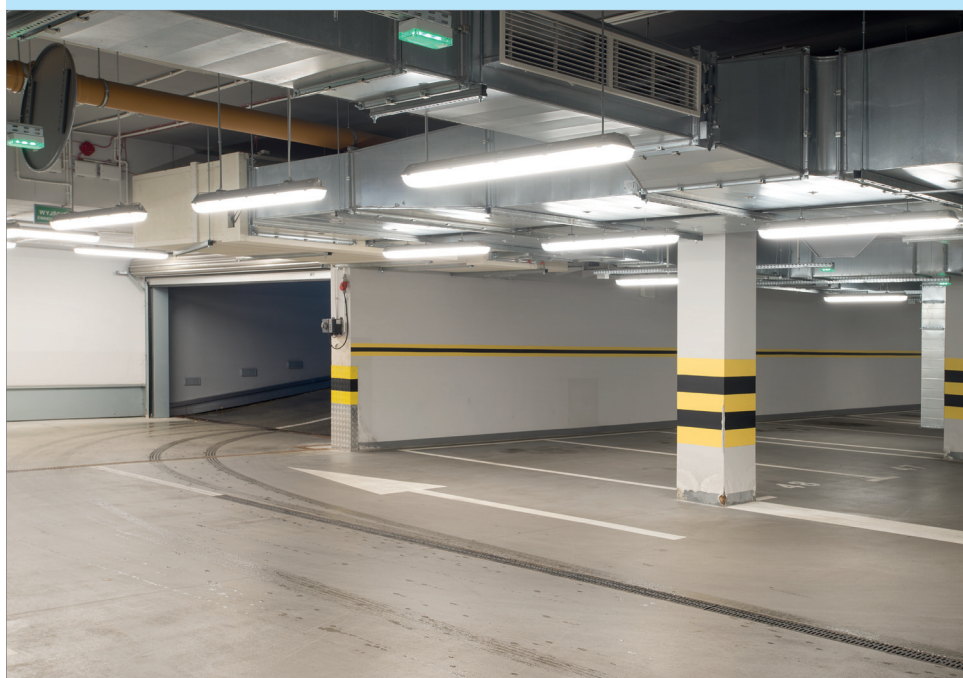
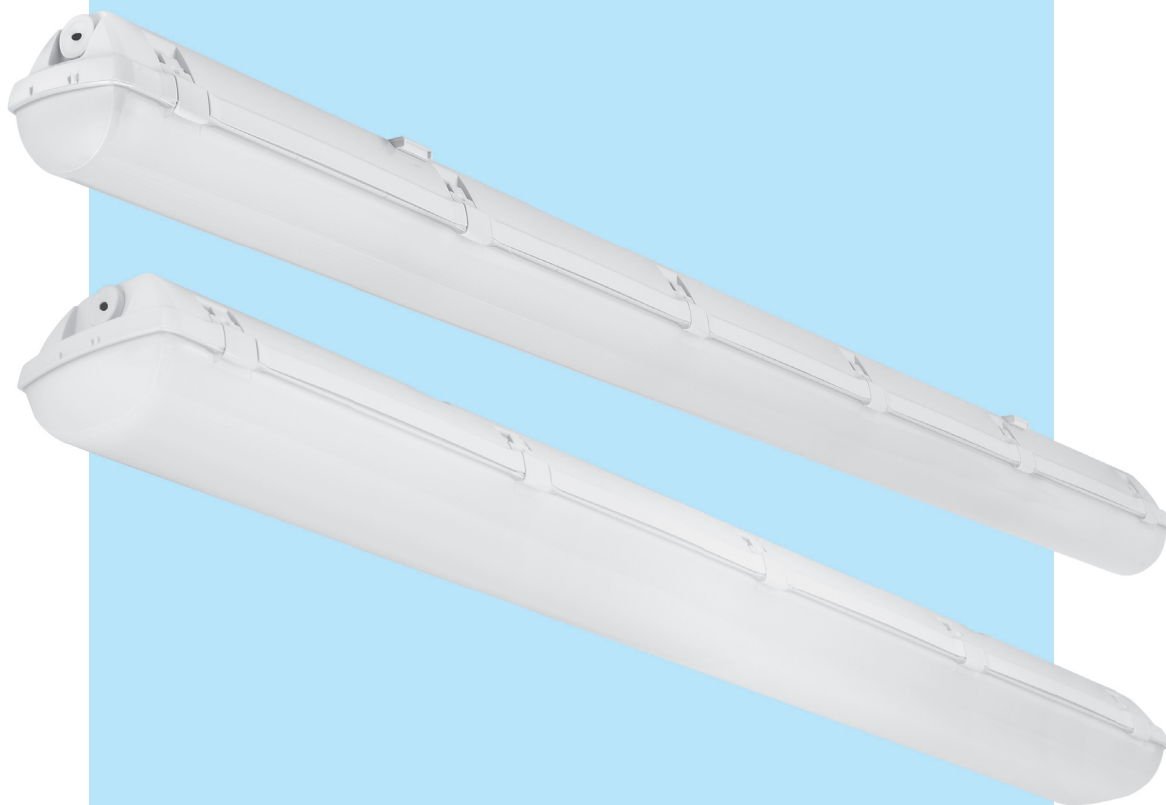


FIBRA LED NARROW BEAM



Kratka ochronna  
Protective grid





## FIBRA Q LED

**Wykonanie:** podstawa z poliwęglanu PC odpornego na uderzenia. Klosz wewnętrznie ryflowany odporny na działanie promieniowania UV, wykonany z poliwęglanu PC. Klipsy wzmocnione włóknem szklanym. Możliwość montażu modułu awaryjnego. Dużym atutem oprawy jest klosz optyczny dzięki któremu niewidoczne są punkty świecące źródeł LED.

**Montaż:** nastropowy lub zwieszany

**Akcesoria:** klipsy ze stali nierdzewnej INOX, kratka ochronna

**Zasilanie:** 220 V - 240 V

**Materials:** base made of impact proof polycarbonate; grooven inside, UV stabilized, polycarbonate (PC) diffuser. Special optic diffuser hiding LED light sources. Fiber glass reinforced clips. Possibility of application of emergency module.

**Installation:** surface mounted or suspended

**Accessories:** stainless steel clips, protective grid

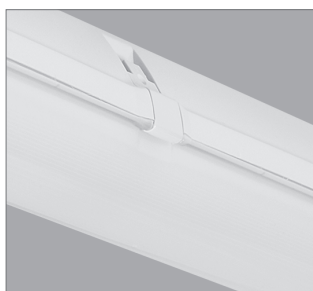
**Power supply:** 220 V - 240 V

# FIBRA Q LED

NOWOŚĆ



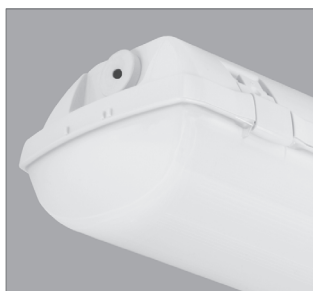
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Klipsy wzmocnione włóknem szklanym  
Fiber glass reinforced clips



Klosz optyczny - brak widocznych punktów LED. Wersja 1x W = 95mm  
Special optic diffuser hiding LED light sources. 1x version W = 95mm



Klosz optyczny - brak widocznych punktów LED. Wersja 2x W = 145mm  
Special optic diffuser hiding LED light sources. 2x version W = 145mm

| [mm] | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| [mm] | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 95   | 19 W  | LED 3000 K | 2250 lm                      | 118 lm/W                | 1,6  | ■      | PX2040441 |
|      | 19 W  | LED 4000 K | 2320 lm                      | 122 lm/W                | 1,6  | ■      | PX2040443 |
|      | 22 W  | LED 3000 K | 2540 lm                      | 115 lm/W                | 1,6  | ■      | PX2040445 |
|      | 22 W  | LED 4000 K | 2620 lm                      | 119 lm/W                | 1,6  | ■      | PX2040447 |
|      | 29 W  | LED 3000 K | 3860 lm                      | 133 lm/W                | 2,5  | ■      | PX2040449 |
|      | 29 W  | LED 4000 K | 3980 lm                      | 137 lm/W                | 2,5  | ■      | PX2040451 |
|      | 35 W  | LED 3000 K | 4510 lm                      | 129 lm/W                | 2,5  | ■      | PX2040453 |
|      | 35 W  | LED 4000 K | 4650 lm                      | 133 lm/W                | 2,5  | ■      | PX2040455 |
|      | 40 W  | LED 3000 K | 5080 lm                      | 127 lm/W                | 2,5  | ■      | PX2040457 |
|      | 40 W  | LED 4000 K | 5240 lm                      | 131 lm/W                | 2,5  | ■      | PX2040459 |
|      | 36 W  | LED 3000 K | 4820 lm                      | 134 lm/W                | 3,2  | ■      | PX2040461 |
|      | 36 W  | LED 4000 K | 4970 lm                      | 138 lm/W                | 3,2  | ■      | PX2040463 |
|      | 43 W  | LED 3000 K | 5640 lm                      | 131 lm/W                | 3,2  | ■      | PX2040465 |
|      | 43 W  | LED 4000 K | 5810 lm                      | 135 lm/W                | 3,2  | ■      | PX2040467 |
|      | 49 W  | LED 3000 K | 6350 lm                      | 130 lm/W                | 3,2  | ■      | PX2040469 |
|      | 49 W  | LED 4000 K | 6550 lm                      | 134 lm/W                | 3,2  | ■      | PX2040470 |
| 145  | 28 W  | LED 3000 K | 3840 lm                      | 137 lm/W                | 2,4  | ■      | PX2040479 |
|      | 28 W  | LED 4000 K | 3960 lm                      | 141 lm/W                | 2,4  | ■      | PX2040480 |
|      | 33 W  | LED 3000 K | 4560 lm                      | 138 lm/W                | 2,4  | ■      | PX2040481 |
|      | 33 W  | LED 4000 K | 4700 lm                      | 142 lm/W                | 2,4  | ■      | PX2040482 |
|      | 39 W  | LED 3000 K | 5280 lm                      | 135 lm/W                | 2,4  | ■      | PX2040483 |
|      | 39 W  | LED 4000 K | 5440 lm                      | 139 lm/W                | 2,4  | ■      | PX2040484 |
|      | 56 W  | LED 3000 K | 7670 lm                      | 137 lm/W                | 3,3  | ■      | PX2040485 |
|      | 56 W  | LED 4000 K | 7910 lm                      | 141 lm/W                | 3,3  | ■      | PX2040486 |
|      | 67 W  | LED 3000 K | 9110 lm                      | 136 lm/W                | 3,3  | ■      | PX2040487 |
|      | 67 W  | LED 4000 K | 9390 lm                      | 140 lm/W                | 3,3  | ■      | PX2040488 |
|      | 78 W  | LED 3000 K | 10520 lm                     | 135 lm/W                | 3,3  | ■      | PX2040489 |
|      | 78 W  | LED 4000 K | 10850 lm                     | 139 lm/W                | 3,3  | ■      | PX2040490 |
|      | 71 W  | LED 3000 K | 9740 lm                      | 137 lm/W                | 4,2  | ■      | PX2040491 |
|      | 71 W  | LED 4000 K | 10040 lm                     | 141 lm/W                | 4,2  | ■      | PX2040492 |
|      | 85 W  | LED 3000 K | 11570 lm                     | 136 lm/W                | 4,2  | ■      | PX2040493 |
|      | 85 W  | LED 4000 K | 11930 lm                     | 140 lm/W                | 4,2  | ■      | PX2040494 |
|      | 99 W  | LED 3000 K | 13370 lm                     | 135 lm/W                | 4,2  | ■      | PX2040495 |
|      | 99 W  | LED 4000 K | 13780 lm                     | 139 lm/W                | 4,2  | ■      | PX2040496 |

## AKCESORIA ACCESSORIES

Klipsy ze stali nierdzewnej  
Stainless clips available

Kratka ochronna  
Protective grid

| KOD            | INFO           | [kg] |
|----------------|----------------|------|
| CODE           | INFO           | [kg] |
| TV622490002430 | L = 662 - 6x   | 0,20 |
|                | L = 1272 - 10x |      |
|                | L = 1572 - 12x |      |
| PX2026618      | 700x230x130    | 2,00 |
| PX2026636      | 1300x230x130   | 2,20 |
| PX2026658      | 1600x230x130   | 2,65 |

Kratka ochronna  
Protective grid

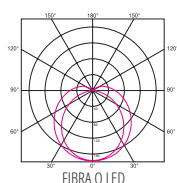


Klipsy ze stali nierdzewnej  
Stainless clips available

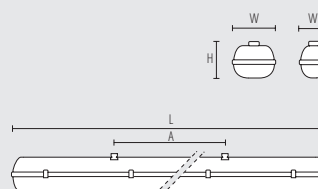


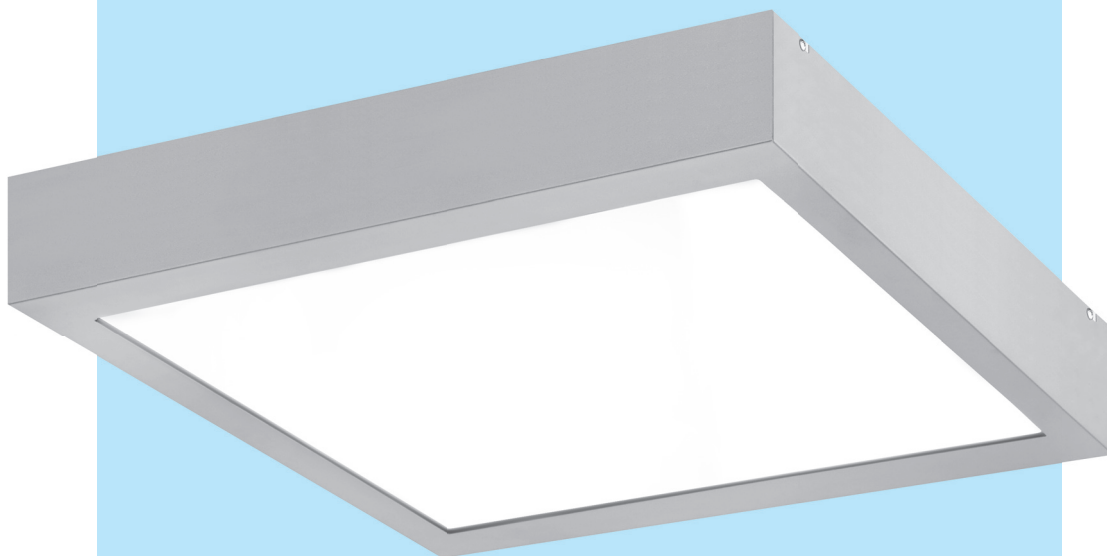
## WYMIARY DIMENSIONS

| MOC   | L    | W    | H    | A    |
|-------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] |
| 19 W  | 662  | 95   | 111  | 350  |
| 22 W  | 662  | 95   | 111  | 350  |
| 29 W  | 1272 | 95   | 111  | 700  |
| 35 W  | 1272 | 95   | 111  | 700  |
| 40 W  | 1272 | 95   | 111  | 700  |
| 36 W  | 1572 | 95   | 111  | 940  |
| 43 W  | 1572 | 95   | 111  | 940  |
| 49 W  | 1572 | 95   | 111  | 940  |
| 28 W  | 662  | 145  | 111  | 350  |
| 33 W  | 662  | 145  | 111  | 350  |
| 39 W  | 1272 | 145  | 111  | 700  |
| 56 W  | 1272 | 145  | 111  | 700  |
| 67 W  | 1272 | 145  | 111  | 700  |
| 78 W  | 1272 | 145  | 111  | 940  |
| 71 W  | 1572 | 145  | 111  | 940  |
| 85 W  | 1572 | 145  | 111  | 940  |
| 99 W  | 1572 | 145  | 111  | 940  |



FIBRA Q LED





## FINESTRA IP44 LED

**Wykonanie:** obudowa stalowa malowana elektrolitycznie (w standardzie kolor szary), klosze: mikropryzmatyczny (MPRM) lub OPAL

**Montaż:** nastropowy, zwieszany, naścienny

**Akcesoria:** zawieszania zwykłe i elektryczne

**Zasilanie:** 220 V - 240 V

**Materials:** steel sheet body, electrostatically painted (standard colour: grey), microprismatic diffuser (MPRM), OPAL diffuser

**Installation:** surface mounted, wall mounted, suspended

**Accessories:** simple and electric suspension

**Power supply:** 220 V - 240 V

## FINESTRA IP44 LED

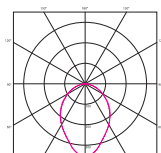


L80 B10 &gt;54 000h • SDCM 3 • LMF 85% • CRI 84

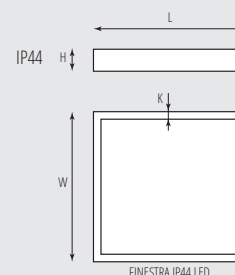
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | L    | W    | H    | K    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|------|------|------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | [mm] | [mm] | [mm] | [mm] | CODE      |
| 10 W  | LED 3000 K | 990 lm                       | 99 lm/W                 | 3,4  | ■      | MPRM | 307  | 307  | 68   | 44   | PX0906339 |
| 10 W  | LED 4000 K | 1010 lm                      | 101 lm/W                | 3,4  | ■      | MPRM | 307  | 307  | 68   | 44   | PX0906346 |
| 19 W  | LED 3000 K | 2030 lm                      | 107 lm/W                | 3,8  | ■      | MPRM | 407  | 407  | 65   | 54   | PX0906353 |
| 19 W  | LED 4000 K | 2070 lm                      | 109 lm/W                | 3,8  | ■      | MPRM | 407  | 407  | 65   | 54   | PX0906360 |
| 19 W  | LED 3000 K | 1950 lm                      | 103 lm/W                | 2,0  | ■      | MPRM | 307  | 307  | 65   | 25   | PX0906843 |
| 19 W  | LED 4000 K | 2010 lm                      | 106 lm/W                | 2,0  | ■      | MPRM | 307  | 307  | 65   | 25   | PX0906850 |
| 19 W  | LED 3000 K | 1660 lm                      | 87 lm/W                 | 2,0  | ■      | OPAL | 307  | 307  | 65   | 25   | PX0906829 |
| 19 W  | LED 4000 K | 1710 lm                      | 90 lm/W                 | 2,0  | ■      | OPAL | 307  | 307  | 65   | 25   | PX0906836 |
| 32 W  | LED 3000 K | 2890 lm                      | 90 lm/W                 | 3,4  | ■      | OPAL | 407  | 407  | 65   | 25   | PX0906601 |
| 32 W  | LED 4000 K | 2950 lm                      | 92 lm/W                 | 3,4  | ■      | OPAL | 407  | 407  | 65   | 25   | PX0906608 |
| 38 W  | LED 3000 K | 3430 lm                      | 90 lm/W                 | 3,6  | ■      | OPAL | 295  | 595  | 65   | 25   | PX0906615 |
| 38 W  | LED 4000 K | 3500 lm                      | 92 lm/W                 | 3,6  | ■      | OPAL | 295  | 595  | 65   | 25   | PX0906622 |
| 39 W  | LED 3000 K | 4120 lm                      | 105 lm/W                | 6,5  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906629 |
| 39 W  | LED 4000 K | 4200 lm                      | 107 lm/W                | 6,5  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906636 |
| 67 W  | LED 3000 K | 6860 lm                      | 102 lm/W                | 6,5  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906643 |
| 67 W  | LED 4000 K | 7000 lm                      | 104 lm/W                | 6,5  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906650 |
| 44 W  | LED 3000 K | 4120 lm                      | 93 lm/W                 | 7,0  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906657 |
| 44 W  | LED 4000 K | 4200 lm                      | 95 lm/W                 | 7,0  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906664 |
| 71 W  | LED 3000 K | 6860 lm                      | 96 lm/W                 | 7,0  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906671 |
| 71 W  | LED 4000 K | 7000 lm                      | 98 lm/W                 | 7,0  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906678 |
| 32 W  | LED 3000 K | 3400 lm                      | 106 lm/W                | 3,4  | ■      | MPRM | 407  | 407  | 65   | 25   | PX0906685 |
| 32 W  | LED 4000 K | 3460 lm                      | 108 lm/W                | 3,4  | ■      | MPRM | 407  | 407  | 65   | 25   | PX0906692 |
| 38 W  | LED 3000 K | 4020 lm                      | 106 lm/W                | 3,6  | ■      | MPRM | 295  | 595  | 65   | 25   | PX0906699 |
| 38 W  | LED 4000 K | 4100 lm                      | 108 lm/W                | 3,6  | ■      | MPRM | 295  | 595  | 65   | 25   | PX0906706 |
| 39 W  | LED 3000 K | 4830 lm                      | 124 lm/W                | 6,5  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906713 |
| 39 W  | LED 4000 K | 4920 lm                      | 126 lm/W                | 6,5  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906720 |
| 67 W  | LED 3000 K | 8040 lm                      | 120 lm/W                | 6,5  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906727 |
| 67 W  | LED 4000 K | 8200 lm                      | 122 lm/W                | 6,5  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906734 |
| 44 W  | LED 3000 K | 4830 lm                      | 110 lm/W                | 7,0  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906741 |
| 44 W  | LED 4000 K | 4920 lm                      | 112 lm/W                | 7,0  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906748 |
| 71 W  | LED 3000 K | 8040 lm                      | 113 lm/W                | 7,0  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906755 |
| 71 W  | LED 4000 K | 8200 lm                      | 115 lm/W                | 7,0  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906762 |

Klosz MPRM  
MPRM diffuserFINESTRA IP44 LED z ramką o szerokości K = 44 mm  
FINESTRA IP44 LED with frame K = 44 mmAKCESORIA  
ACCESSORIESZawieszenie zwykłe  
Simple suspensionZawieszenie elektryczne  
Electric suspensionZawieszenie elektryczne  
INOX  
Electric suspension INOX

| [kg] | KOLOR  | KOD       | INFO |
|------|--------|-----------|------|
| [kg] | COLOUR | CODE      | INFO |
| 0,10 | INOX   | PX0922143 | *    |
| 0,20 | ■      | PX0922021 | *    |
| 0,20 | □      | PX0922032 | *    |
| 0,20 | ■      | PX0922038 | *    |

\* Standardowa długość zwieszni maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 mWYMIARY  
DIMENSIONSWymiary podano w tabeli powyżej  
Dimensions given in the table above

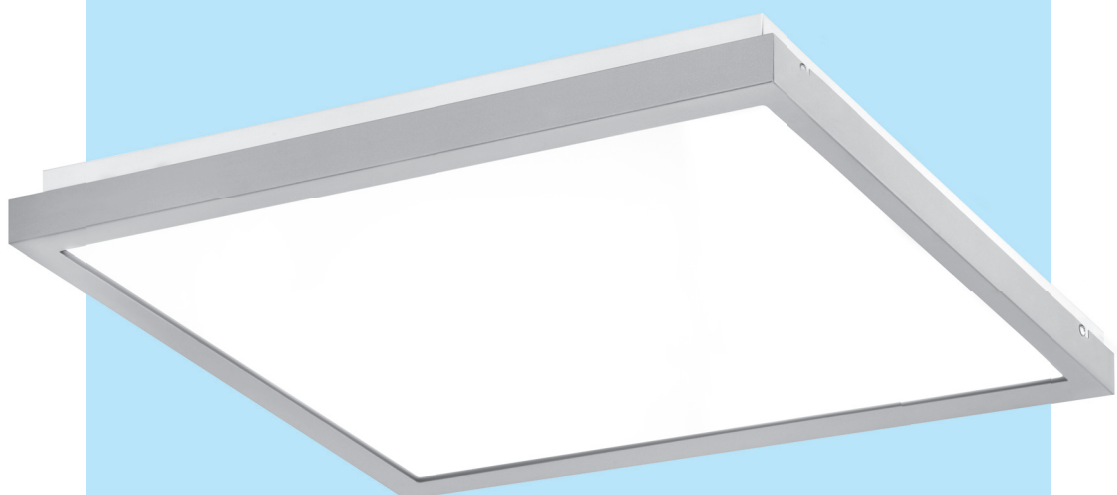
FINESTRA IP44 LED



FINESTRA IP44 LED

UWAGA: Do zawieszenia oprawy potrzebne są: zawieszenie zwykłe - 3szt. oraz zawieszenie elektryczne - 1 szt.  
Attention: To suspend the luminaire you will need: simple suspension - 3 pcs and electric suspension - 1 pc





## FINESTRA LED

**Wykonanie:** obudowa stalowa malowana elektrolitycznie (w standardzie kolor szary), klosze: mikropryzmatyczny (MPRM) lub OPAL

**Montaż:** nastropowy, zwieszany, naścienny

**Akcesoria:** zawieszania zwykłe i elektryczne

**Zasilanie:** 220 V - 240 V

**Materials:** steel sheet body, electrostatically painted (standard colour: grey), microprismatic diffuser (MPRM), OPAL diffuser

**Installation:** surface mounted, wall mounted, suspended

**Accessories:** simple and electric suspension

**Power supply:** 220 V - 240 V

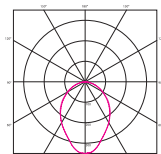
## FINESTRA LED



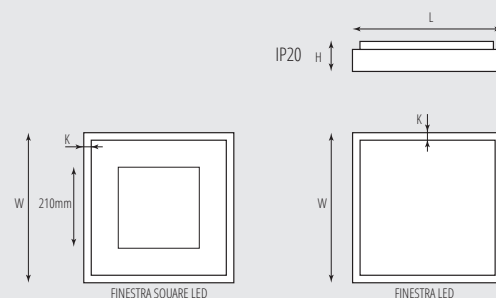
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

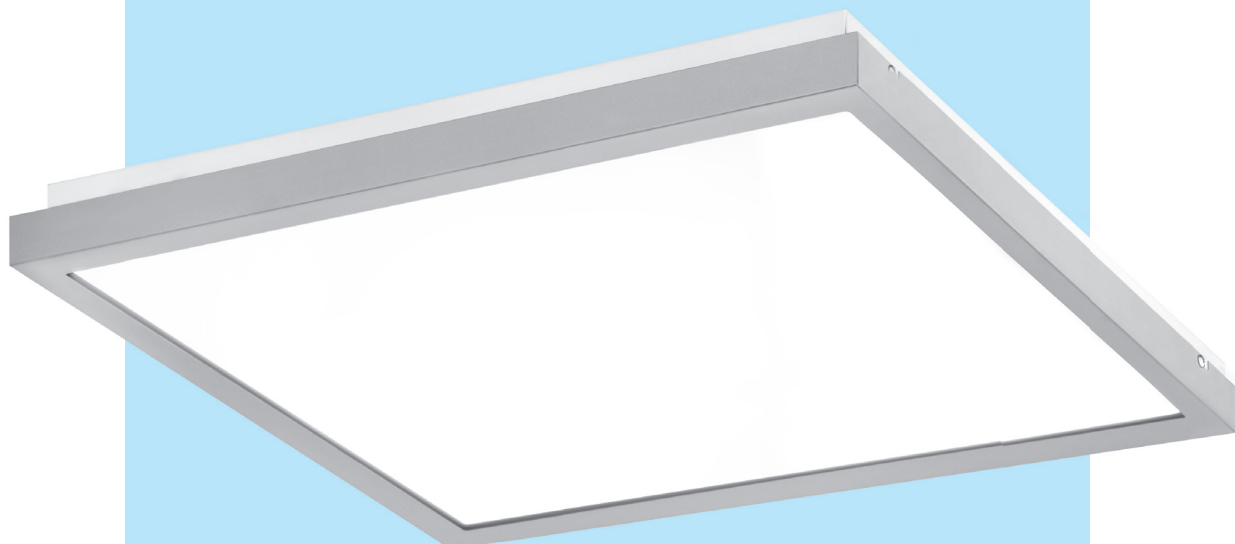
FINESTRA IP20 LED z ramką o szerokości K=25 mm  
FINESTRA IP20 LED with frame K= 25 mmFINESTRA IP20 LED z ramką o szerokości K=44 mm  
FINESTRA IP20 LED with frame K= 44 mmFINESTRA SQUARE LED IP20 - maskownica 210 x 210mm  
FINESTRA SQUARE LED IP20 - masking frame 210 x 210 mm

|                        | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | L    | W    | H    | K    | KOD       |
|------------------------|-------|------------|------------------------------|-------------------------|------|--------|------|------|------|------|------|-----------|
|                        | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | [mm] | [mm] | [mm] | [mm] | CODE      |
|                        | 10 W  | LED 3000 K | 990 lm                       | 99 lm/W                 | 3,4  | ■      | MPRM | 307  | 307  | 68   | 44   | PX0906263 |
|                        | 10 W  | LED 4000 K | 1010 lm                      | 101 lm/W                | 3,4  | ■      | MPRM | 307  | 307  | 68   | 44   | PX0906268 |
|                        | 19 W  | LED 3000 K | 2030 lm                      | 107 lm/W                | 3,8  | ■      | MPRM | 407  | 407  | 65   | 54   | PX0906283 |
|                        | 19 W  | LED 4000 K | 2070 lm                      | 109 lm/W                | 3,8  | ■      | MPRM | 407  | 407  | 65   | 54   | PX0906288 |
|                        | 19 W  | LED 3000 K | 1950 lm                      | 103 lm/W                | 2,0  | ■      | MPRM | 307  | 307  | 65   | 25   | PX0906815 |
|                        | 19 W  | LED 4000 K | 2010 lm                      | 106 lm/W                | 2,0  | ■      | MPRM | 307  | 307  | 65   | 25   | PX0906822 |
|                        | 19 W  | LED 3000 K | 1660 lm                      | 87 lm/W                 | 2,0  | ■      | OPAL | 307  | 307  | 65   | 25   | PX0906801 |
|                        | 19 W  | LED 4000 K | 1710 lm                      | 90 lm/W                 | 2,0  | ■      | OPAL | 307  | 307  | 65   | 25   | PX0906808 |
|                        | 32 W  | LED 3000 K | 2890 lm                      | 90 lm/W                 | 2,9  | ■      | OPAL | 407  | 407  | 65   | 25   | PX0906415 |
|                        | 32 W  | LED 4000 K | 2950 lm                      | 92 lm/W                 | 2,9  | ■      | OPAL | 407  | 407  | 65   | 25   | PX0906422 |
|                        | 38 W  | LED 3000 K | 3430 lm                      | 90 lm/W                 | 3,2  | ■      | OPAL | 295  | 595  | 65   | 25   | PX0906429 |
|                        | 38 W  | LED 4000 K | 3500 lm                      | 92 lm/W                 | 3,2  | ■      | OPAL | 295  | 595  | 65   | 25   | PX0906436 |
|                        | 39 W  | LED 3000 K | 4120 lm                      | 105 lm/W                | 5,8  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906443 |
|                        | 39 W  | LED 4000 K | 4200 lm                      | 107 lm/W                | 5,8  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906450 |
|                        | 67 W  | LED 3000 K | 6860 lm                      | 102 lm/W                | 5,8  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906457 |
|                        | 67 W  | LED 4000 K | 7000 lm                      | 104 lm/W                | 5,8  | ■      | OPAL | 595  | 595  | 65   | 25   | PX0906464 |
|                        | 44 W  | LED 3000 K | 4120 lm                      | 93 lm/W                 | 6,2  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906471 |
|                        | 44 W  | LED 4000 K | 4200 lm                      | 95 lm/W                 | 6,2  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906478 |
|                        | 71 W  | LED 3000 K | 6860 lm                      | 96 lm/W                 | 6,2  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906485 |
|                        | 71 W  | LED 4000 K | 7000 lm                      | 98 lm/W                 | 6,2  | ■      | OPAL | 295  | 1195 | 65   | 25   | PX0906492 |
|                        | 32 W  | LED 3000 K | 3400 lm                      | 106 lm/W                | 2,9  | ■      | MPRM | 407  | 407  | 65   | 25   | PX0906515 |
|                        | 32 W  | LED 4000 K | 3460 lm                      | 108 lm/W                | 2,9  | ■      | MPRM | 407  | 407  | 65   | 25   | PX0906522 |
|                        | 38 W  | LED 3000 K | 4020 lm                      | 106 lm/W                | 3,2  | ■      | MPRM | 295  | 595  | 65   | 25   | PX0906529 |
|                        | 38 W  | LED 4000 K | 4100 lm                      | 108 lm/W                | 3,2  | ■      | MPRM | 295  | 595  | 65   | 25   | PX0906536 |
|                        | 39 W  | LED 3000 K | 4830 lm                      | 124 lm/W                | 5,8  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906543 |
|                        | 39 W  | LED 4000 K | 4920 lm                      | 126 lm/W                | 5,8  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906550 |
|                        | 67 W  | LED 3000 K | 8040 lm                      | 120 lm/W                | 5,8  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906557 |
|                        | 67 W  | LED 4000 K | 8200 lm                      | 122 lm/W                | 5,8  | ■      | MPRM | 595  | 595  | 65   | 25   | PX0906564 |
|                        | 44 W  | LED 3000 K | 4830 lm                      | 110 lm/W                | 6,2  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906571 |
|                        | 44 W  | LED 4000 K | 4920 lm                      | 112 lm/W                | 6,2  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906578 |
|                        | 71 W  | LED 3000 K | 8040 lm                      | 113 lm/W                | 6,2  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906585 |
|                        | 71 W  | LED 4000 K | 8200 lm                      | 115 lm/W                | 6,2  | ■      | MPRM | 295  | 1195 | 65   | 25   | PX0906592 |
| FINESTRA<br>SQUARE LED | 31 W  | LED 3000 K | 2920 lm                      | 94 lm/W                 | 3,0  | ■      | OPAL | 407  | 407  | 45   | 25   | PX0906401 |
|                        | 31 W  | LED 4000 K | 2980 lm                      | 96 lm/W                 | 3,0  | ■      | OPAL | 407  | 407  | 45   | 25   | PX0906408 |

FINESTRA INOX LED na zamówienie  
FINESTRA INOX LED on requestAKCESORIA  
ACCESSORIESZawieszenie zwykłe  
Simple suspensionZawieszenie elektryczne  
Electric suspensionZawieszenie elektryczne  
INOX  
Electric suspension INOXDo oprawy dostępne są modele BIM  
BIM files are available for this productUWAGA: Do zawieszenia oprawy potrzebne są: zawieszenie zwykłe - 3szt. oraz zawieszenie elektryczne - 1 szt.  
Attention: To suspend the luminaire you will need: simple suspension - 3 pcs and electric suspension - 1 pcWYMIARY  
DIMENSIONSWymiary podano w tabeli powyżej  
Dimensions given in the table above

FINESTRA LED





## FINESTRA Q LED • FINESTRA Q IP44 LED

**Wykonanie:** obudowa stalowa malowana elektrolitycznie (w standardzie kolor szary), klosz OPAL

**Montaż:** nastropowy, zwieszany, ścienny

**Akcesoria:** zawieszania zwykłe i elektryczne

**Zasilanie:** 220 V - 240 V

**Materials:** steel sheet body, electrostatically painted (standard colour: grey), OPAL diffuser

**Installation:** surface mounted, wall mounted, suspended

**Accessories:** simple and electric suspension

**Power supply:** 220 V - 240 V

# FINESTRA Q LED

NOWOŚĆ



FINESTRA Q IP20 LED



FINESTRA Q IP44 LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|---------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO    | CODE      |
| 23 W  | LED 3000 K | 2760 lm                      | 120 lm/W                | 2,0  | ■      | OPAL    | PX0906423 |
| 23 W  | LED 4000 K | 2850 lm                      | 124 lm/W                | 2,0  | ■      | OPAL    | PX0906424 |
| 23 W  | LED 3000 K | 2760 lm                      | 120 lm/W                | 2,0  | ■      | OPAL MS | PX0906425 |
| 23 W  | LED 4000 K | 2850 lm                      | 124 lm/W                | 2,0  | ■      | OPAL MS | PX0906426 |

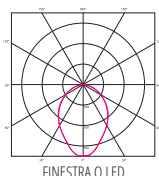
# FINESTRA Q IP44 LED



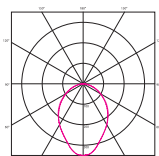
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|---------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO    | CODE      |
| 23 W  | LED 3000 K | 2760 lm                      | 120 lm/W                | 2,8  | ■      | OPAL    | PX0906610 |
| 23 W  | LED 4000 K | 2850 lm                      | 124 lm/W                | 2,8  | ■      | OPAL    | PX0906611 |
| 23 W  | LED 3000 K | 2760 lm                      | 120 lm/W                | 2,8  | ■      | OPAL MS | PX0906612 |
| 23 W  | LED 4000 K | 2850 lm                      | 124 lm/W                | 2,8  | ■      | OPAL MS | PX0906613 |

MS - wbudowany czujnik ruchu  
MS - integrated motion sensor



FINESTRA Q LED



FINESTRA Q IP44 LED

## AKCESORIA ACCESSORIES

### Zawieszenie zwykłe Simple suspension

| [kg] | KOLOR  | KOD       | INFO |
|------|--------|-----------|------|
| [kg] | COLOUR | CODE      | INFO |
| 0,10 | INOX   | PX0922143 | *    |

### Zawieszenie elektryczne Electric suspension

|      |   |           |   |
|------|---|-----------|---|
| 0,20 | ■ | PX0922021 | * |
| 0,20 | □ | PX0922032 | * |
| 0,20 | ■ | PX0922038 | * |

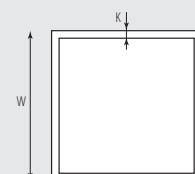
### Zawieszenie elektryczne INOX

|      |      |           |   |
|------|------|-----------|---|
| 0,40 | INOX | PX0922097 | * |
|------|------|-----------|---|

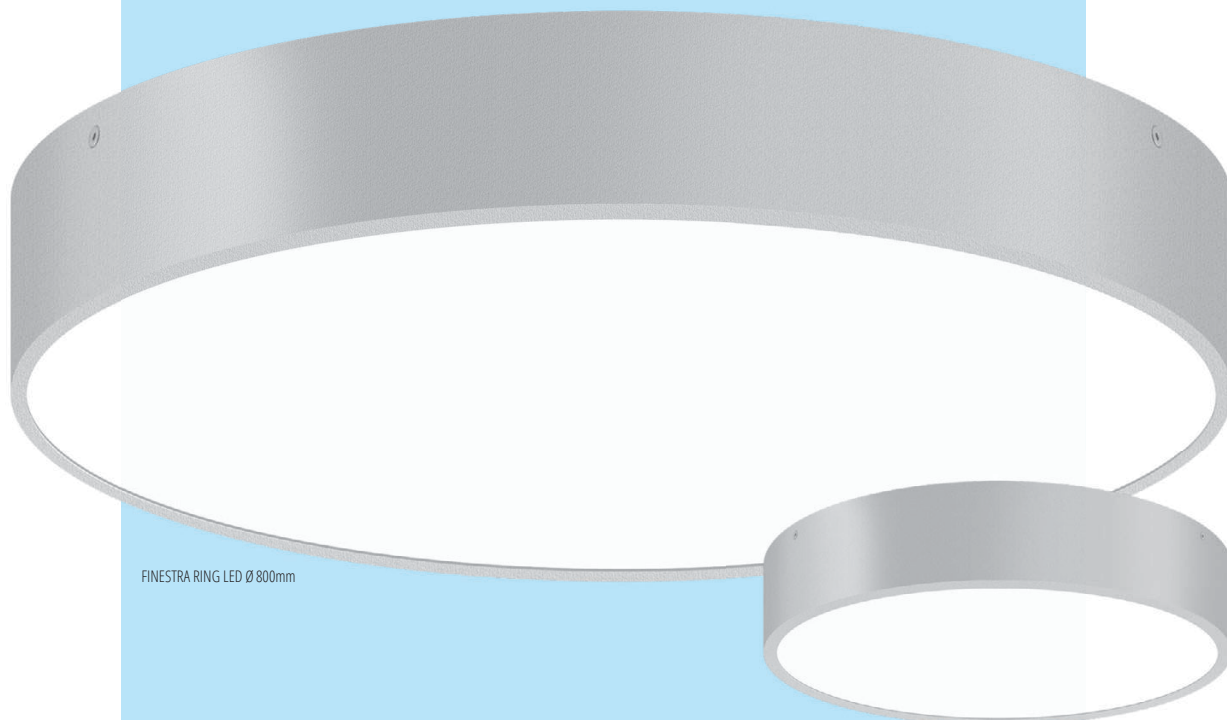
\* Standardowa długość zwieszceń maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

## WYMIARY DIMENSIONS

| L    | W    | H    | K    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 407  | 407  | 65   | 25   |



UWAGA: Do zawieszenia oprawy potrzebne są: zawieszenie zwykłe - 3szt. oraz zawieszenie elektryczne - 1 szt.  
Attention: To suspend the luminaire you will need: simple suspension - 3 pcs and electric suspension - 1 pc



FINESTRA RING LED Ø 800mm

FINESTRA RING LED Ø 320mm



## FINESTRA RING LED

**Wykonanie:** obudowa z profilu aluminiowego malowanego elektrostycznie (w standardzie kolor szary), podstawa z blachy stalowej, klosz z płyty OPAL lub mikropryzmatycznej MPRM

**Montaż:** nastropowy, zwieszany, do sufitów podwieszanych G/K (tylko wersje 520, 440, 320)

**Akcesoria:** zawieszania (zwykłe i elektryczne), adapter G/K dla wersji 320, 440, 520

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile housing (standard colour: grey), base made of steel sheet, OPAL diffuser (PMMA) or microprismatic MPRM diffuser

**Installation:** surface mounted, suspended, into plaster-cardboard ceiling (only 520, 440, 320 versions)

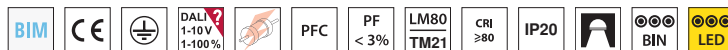
**Accessories:** suspension (simple and electrical), plaster-cardboard adapter for versions 520, 440, 320

**Power supply:** 220 V - 240 V



# FINESTRA RING LED

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



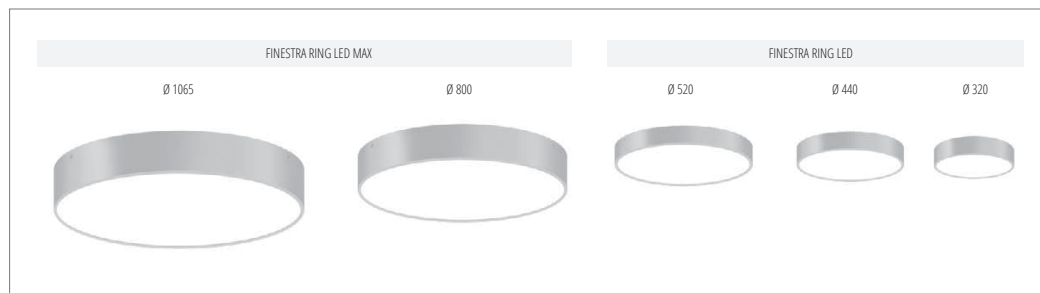
FINESTRA RING LED MAX Ø1065

| MOC   | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | KOLOR  | INFO | KOD            |
|-------|--------|------------------------------|-------------------------|----------|--------|------|----------------|
| POWER | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | COLOUR | INFO | CODE           |
| Ø320  | 16 W   | LED 3000 K                   | 1700 lm                 | 106 lm/W | 1,90   | ■    | OPAL PX0907817 |
|       | 16 W   | LED 4000 K                   | 1750 lm                 | 109 lm/W | 1,90   | ■    | OPAL PX0907819 |
| Ø440  | 37 W   | LED 3000 K                   | 3760 lm                 | 102 lm/W | 3,20   | ■    | OPAL PX0907822 |
|       | 37 W   | LED 4000 K                   | 3870 lm                 | 105 lm/W | 3,20   | ■    | OPAL PX0907829 |
| Ø520  | 37 W   | LED 3000 K                   | 4030 lm                 | 109 lm/W | 4,30   | ■    | OPAL PX0907836 |
|       | 37 W   | LED 4000 K                   | 4150 lm                 | 112 lm/W | 4,30   | ■    | OPAL PX0907843 |
| Ø800  | 57 W   | LED 3000 K                   | 6180 lm                 | 108 lm/W | 8,40   | ■    | OPAL PX0907850 |
|       | 57 W   | LED 4000 K                   | 6370 lm                 | 112 lm/W | 8,40   | ■    | OPAL PX0907857 |
| Ø1065 | 100 W  | LED 3000 K                   | 11880 lm                | 119 lm/W | 13,20  | ■    | OPAL PX0907864 |
|       | 100 W  | LED 4000 K                   | 12250 lm                | 123 lm/W | 13,20  | ■    | OPAL PX0907871 |
| Ø320  | 16 W   | LED 3000 K                   | 1900 lm                 | 119 lm/W | 1,90   | ■    | MPRM PX0907875 |
|       | 16 W   | LED 4000 K                   | 1960 lm                 | 123 lm/W | 1,90   | ■    | MPRM PX0907876 |
| Ø440  | 37 W   | LED 3000 K                   | 4210 lm                 | 114 lm/W | 3,20   | ■    | MPRM PX0907878 |
|       | 37 W   | LED 4000 K                   | 4330 lm                 | 117 lm/W | 3,20   | ■    | MPRM PX0907885 |
| Ø520  | 37 W   | LED 3000 K                   | 4510 lm                 | 122 lm/W | 4,30   | ■    | MPRM PX0907892 |
|       | 37 W   | LED 4000 K                   | 4650 lm                 | 126 lm/W | 4,30   | ■    | MPRM PX0907899 |

Wersje IP44 na zapytanie  
IP44 versions on request



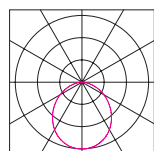
FINESTRA RING LED MPRM Ø520



ŚREDNICE OPRAW FINESTRA RING LED

DIAMETERS OF FINESTRA RING LED

Zawieszenie linkowe dla wersji Ø520, Ø440, Ø320  
Suspension set for versions Ø520, Ø440, Ø320



FINESTRA RING LED

## AKCESORIA ACCESSORIES

**Adapter G/K**  
Plaster-cardboard  
adapter  
Dla wersji 520, 440, 320  
For version: 520, 440, 320

**Zawieszenie linkowe**  
Suspension set  
Dla wersji 520, 440, 320  
For version: 520, 440, 320

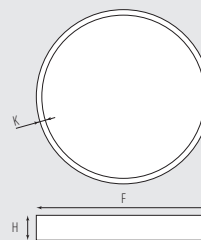
**Zawieszenie zwykłe**  
Simple suspension  
Dla wersji MAX: 800, 1065  
For MAX versions: 800, 1065

**Zawieszenie elektryczne**  
Electric suspension  
Dla wersji MAX: 800, 1065  
For MAX versions: 800, 1065

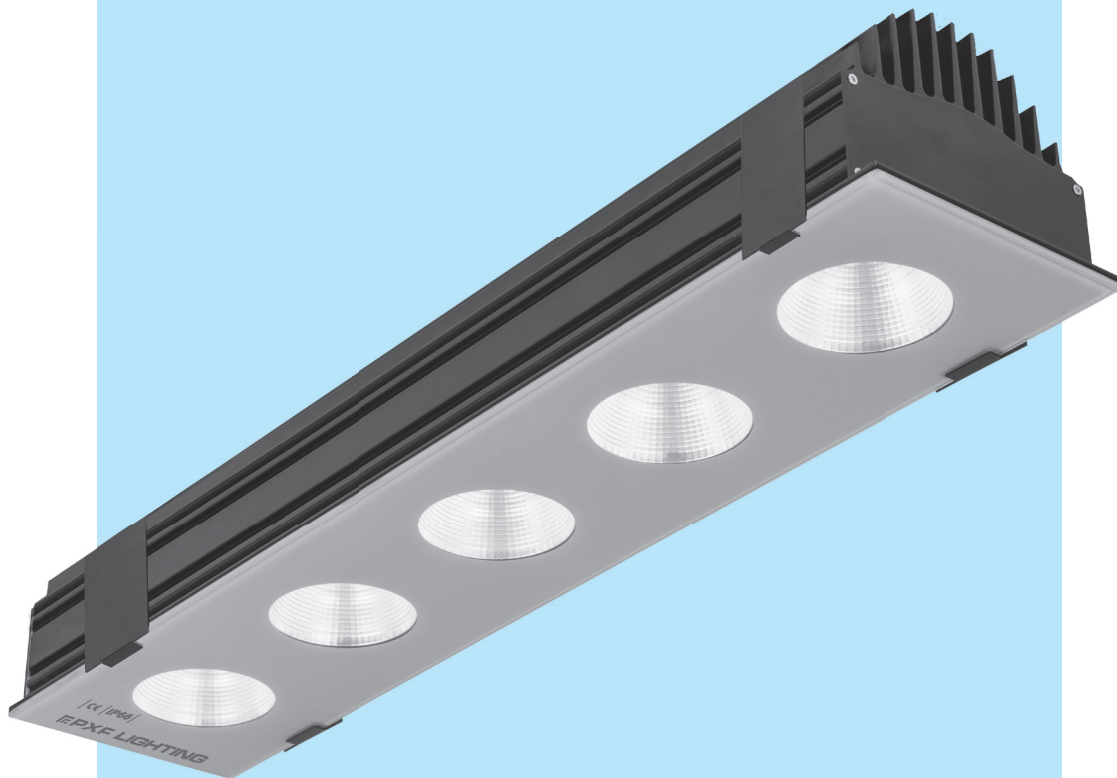
| [kg]                                                                                              | KOLOR  | KOD       | INFO |
|---------------------------------------------------------------------------------------------------|--------|-----------|------|
| [kg]                                                                                              | COLOUR | CODE      | INFO |
| 1,00                                                                                              | ■      | PX0907801 | 320  |
| 1,50                                                                                              | ■      | PX0907808 | 440  |
| 2,00                                                                                              | ■      | PX0907815 | 520  |
| 0,31                                                                                              | ■      | PX0901955 | *    |
| 0,31                                                                                              | □      | PX0901965 | *    |
| * Standardowa długość zwieszni maksymalnie 1,5 m<br>* Standard length of suspension maximum 1,5 m |        |           |      |
| 0,10                                                                                              | INOX   | PX0922143 | *    |
| * Standardowa długość zwieszni maksymalnie 1,5 m<br>* Standard length of suspension maximum 1,5 m |        |           |      |
| 0,20                                                                                              | ■      | PX0922021 | *    |
| 0,20                                                                                              | □      | PX0922032 | *    |
| 0,20                                                                                              | ■      | PX0922038 | *    |

## WYMIARY DIMENSIONS

| INFO  | F    | H    | K    |
|-------|------|------|------|
| INFO  | [mm] | [mm] | [mm] |
| Ø320  | 320  | 69   | 14   |
| Ø440  | 440  | 69   | 14   |
| Ø520  | 520  | 69   | 14   |
| Ø800  | 800  | 110  | 14   |
| Ø1065 | 1065 | 110  | 14   |



UWAGA: Do zawieszenia opraw MAX 800 i MAX 1065 potrzebne są:  
zawieszenie zwykłe - 3 szt. oraz zawieszenie elektryczne - 1 szt.  
Attention: To suspend the luminaire MAX 800 i MAX 1065 you will need:  
simple suspension - 3 pcs and electric suspension - 1 pc



## FLASH NEW LED

**Wykonanie:** korpus wykonany z profilu aluminiowego w kolorze czarnym, szyba hartowana malowana w kolorze szarym, diody LED COB, odbłyśniki aluminiowe o trzech dostępnych kątach rozsyłu, uchwyt 1x lub 2x stalowy malowany elektrostycznie w kolorze czarnym, ramka maskująca G/K aluminiowa w kolorze czarnym.

**Montaż:** nastropowy, zwieszany, wpuszczany, naścienny

**Akcesoria:** ramka maskująca G/K (wersja wpuszczana), uchwyt 1x lub 2x (wersja natynkowa i zwieszana), uchwyt ścienny regulowany (wersja ścienna), ramka z siatką

**Zasilanie:** 220 V - 240 V

**Materials:** aluminium profile body (standard colour: black), tempered glass painted grey, COB LEDs, aluminium reflectors available with three angles of light distribution, powder painted 1x or 2x steel bracket (standard colour: black), aluminium frame for plaster cardboard ceilings – G/K (standard colour: black).

**Installation:** surface- or wall-mounted, suspended, recessed

**Accessories:** masking frame for plaster-card-board ceilings, 1x or 2x bracket (for surface-mounted or suspended version), wall bracket (for wall version), frame with grid

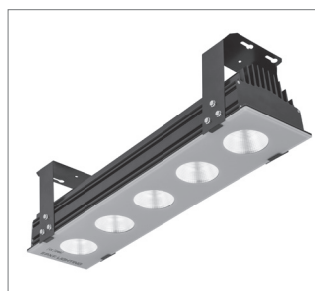
**Power supply:** 220 V - 240 V

## FLASH NEW LED

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product



L90 B10 >60 000h • SDCM3 • LLMF 90% • CRI 80



FLASH NEW LED - pojedyncza oprawa z uchwytem 1x  
FLASH NEW LED - single luminaire with 1x bracket



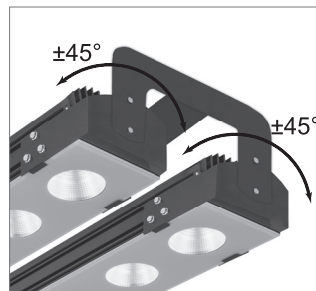
FLASH NEW LED - dwie oprawy z uchwytem 2x  
FLASH NEW LED - two luminaires with 2x bracket



Aluminiowy profil, szyba hartowana, klasa szczelności IP66  
Aluminium profile, tempered glass, protection degree IP66

Oprawa FLASH NEW LED zaprojektowana została z myślą o oświetleniu pomieszczeń wysokich, gdzie najważniejszą kwestią jest uzyskanie jak najlepszej efektywności energetycznej.  
Zakres temperatury pracy oprawy od -20°C do +40°C

The luminaire FLASH NEW LED was designed for lighting high rooms where possibly the best energy efficiency is the most important matter.  
Suitable to work in temperatures from -20°C to +40°C.



Regulacja ±45°  
Adjustment ±45°

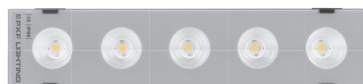
Do pojedynczego modułu dodatkowo zamówić należy elementy montażowe. Przykłady:

- wersja nastopowa/zwiszana: moduł 128W i dodatkowo uchwyt 1x dwa moduły 128W i uchwyt 2x,
- wersja zwieszana: dodatkowo zawieszenie,
- wersja wpuszczana: moduł 128W i dodatkowo uchwyt 1x, zawieszenie oraz ramka maskująca do sufitów G/K,
- wersja ścienna: moduł 128W i dodatkowo uchwyt ścienny regulowany 1x

For a separate module, installation parts have to be additionally ordered. For example:

- ceiling-mounted or suspended version: one 128 W module and, additionally, one 1x bracket, two 128 W modules and one 2x bracket,
- suspended version: additionally suspension,
- recessed version: 128 W module and, additionally, one 1x bracket, suspension and masking frame for plaster-cardboard (G/K) ceilings,
- wall-mounted version: 128 W module and, additionally, 1x adjustable wall bracket.

| MOC   | ŹRÓDŁO       | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------|--------------|------------------------------|-------------------------|------|--------|------|-----------|
| POWER | LAMP         | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE      |
| 128 W | 5xLED 4000 K | 15000 lm                     | 117 lm/W                | 5,2  | ■      | 30°  | PX2063871 |
| 128 W | 5xLED 4000 K | 15000 lm                     | 117 lm/W                | 5,2  | ■      | 50°  | PX2063878 |
| 128 W | 5xLED 4000 K | 15000 lm                     | 117 lm/W                | 5,2  | ■      | 70°  | PX2063885 |
| 166 W | 6xLED 4000 K | 21000 lm                     | 126 lm/W                | 6,6  | ■      | 30°  | PX2063886 |
| 166 W | 6xLED 4000 K | 21000 lm                     | 126 lm/W                | 6,6  | ■      | 50°  | PX2063887 |
| 166 W | 6xLED 4000 K | 21000 lm                     | 126 lm/W                | 6,6  | ■      | 70°  | PX2063888 |



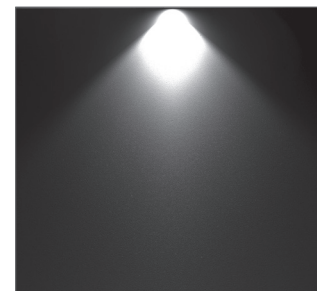
FLASH NEW LED - wersja 5xLED 128W  
FLASH NEW LED - 5xLED version 128W



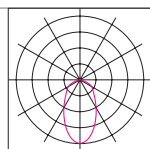
FLASH NEW LED - wersja 6xLED 166W - w standardzie 2 zasilacze i przewód 5-żyłowy.  
Możliwość włączania połowy źródeł (co drugiego).  
FLASH NEW LED - 6xLED version 166W - two drivers and 5-pole cable in standard.  
Possibility to switch half of light sources (every second)



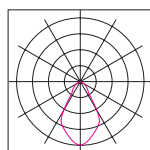
FLASH NEW LED 30°



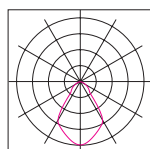
FLASH NEW LED 50°



FLASH NEW LED 30°



FLASH NEW LED 50°



FLASH NEW LED 70°

#### AKCESORIA ACCESSORIES

Uchwyt 1x (komplet 2szt.)  
Bracket 1x (set 2 pcs.)

Uchwyt 2x regulowany (kpl.)  
Adjustable bracket 2x (set)

Ramka maskująca do sufitów G/K  
Masking frame for plaster-cardboard

Uchwyt ścienny regulowany 1x (kpl. 2szt.)  
Adjustable wall bracket 1x (set 2 pcs.)

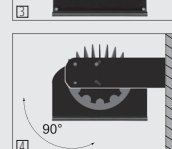
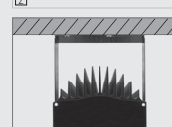
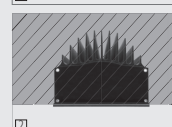
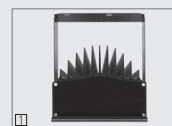
Zawieszenie (komplet 2szt.) 2mb  
Suspension (set 2 pcs.)

Ramka z siatką IK10  
Frame with grid IK10

| [kg] | KOLOR  | KOD       | INFO  |
|------|--------|-----------|-------|
| [kg] | COLOUR | CODE      | INFO  |
| 0,40 | ■      | PX2063890 |       |
| 2,50 | ■      | PX2063893 | 5xLED |
| 2,70 | ■      | PX2063861 | 6xLED |
| 0,65 | ■      | PX2063896 | 5xLED |
| 0,65 | □      | PX2063895 | 5xLED |
| 0,70 | ■      | PX2063864 | 6xLED |
| 0,70 | □      | PX2063863 | 6xLED |
| 0,70 | ■      | PX2063899 |       |

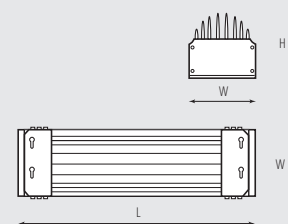
PX2063894

PX2063897 5xLED  
PX2063867 6xLED



#### WYMIARY DIMENSIONS

| MOC   | L    | W    | H    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 128 W | 610  | 130  | 110  |
| 166 W | 720  | 130  | 110  |



FLASH NEW LED przystosowany jest do montażu:  
1. zwieszanego (łańcuszki)  
2. wpuszczanego (ramka maskująca)  
3. natynkowego (uchwyt 1x, 2x)  
4. ściennego (uchwyt ścienny)

FLASH NEW LED can be:  
1. suspended (chains)  
2. recessed (masking frame)  
3. surface-mounted (1x or 2x bracket)  
4. wall-mounted (wall bracket)



## FLOOT LED



L80 B10 >50 000h • CRI 85

| MOC   | ŹRÓDŁO            | INFO | [kg] | KOLOR                    | KĄT ROZSYŁU | KOD          |
|-------|-------------------|------|------|--------------------------|-------------|--------------|
| POWER | LAMP              | INFO | [kg] | COLOUR                   | LIGHT BEAM  | CODE         |
| 33 W  | LED 3000K 4800 lm | -    | 4,10 | <input type="checkbox"/> | 70°         | IV3916-01-06 |
| 51 W  | LED 3000K 6800 lm | -    | 4,10 | <input type="checkbox"/> | 70°         | IV3915-01-06 |



FLOOT TRANSPARENT

## FLOOT LED

**Wykonanie:** obudowa z odlewane aluminium, klosz półprzezroczysty z poliwęglanu, baza podsufitowa z odlewane aluminium, odbłyśnik z tworzywa sztucznego odpornego na ciepło.

**Montaż:** zwieszany (max. 2m), zwieszany do szynoprzewodu

**Akcesoria:** adaptory do szynoprzewodu 3-fazowego

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of die cast aluminum, translucent reflector made of polycarbonate, ceiling base in die-cast aluminum. Reflector in high resistant thermoplastic material.

**Installation:** suspended (max. 2m), suspended for tracks

**Accessories:** adapters for 3-phase tracks

**Power supply:** 220 V - 240 V

### AKCESORIA ACCESSORIES

Adaptor  
do szynoprzewodu  
Adapter  
for 3-phase track

Odbłyśniki  
Reflectors

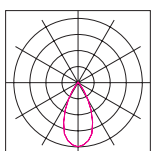
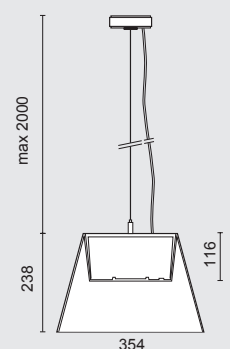
| [kg] | KOD  | INFO |
|------|------|------|
| [kg] | CODE | INFO |

|      |              |                                                         |
|------|--------------|---------------------------------------------------------|
| 0,20 | IV7558-00-31 | 6A, load 5kg                                            |
| 0,20 | IV7618-00-31 | z regulacją zwieszenia<br>with automatic locking device |

| KOD          | 4800 lm | 6800 lm |
|--------------|---------|---------|
| CODE         |         |         |
| IV28-3138-51 | 55°     | 60°     |
| IV28-3140-51 | 17°     | 25°     |
| IV28-3142-51 | 30°     | 40°     |

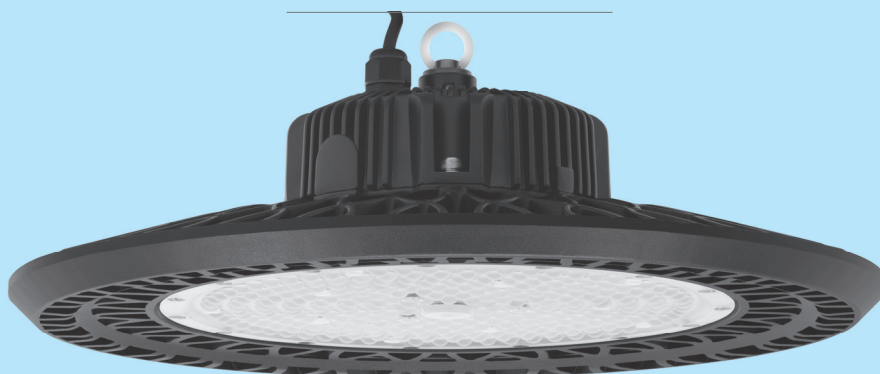


### WYMIARY DIMENSIONS



FLOOT





## FORZA LED

**Wykonanie:** odlew aluminiowy malowany proszkowo na kolor czarny. Klosz z tworzywa przezroczystego.

**Montaż:** zwieszany

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted die-cast aluminum (standard colour: black). Diffuser made of transparent plastics.

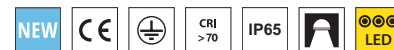
**Installation:** suspended

**Power supply:** 220 V - 240 V



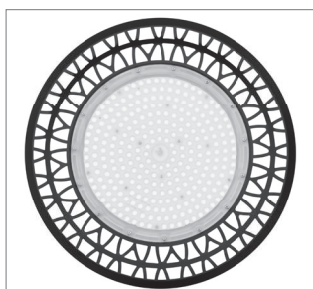
# FORZA LED

NOWOŚĆ



L70 B10 >54 000h • SDCM 3 • LLMF 75% • CRI 75

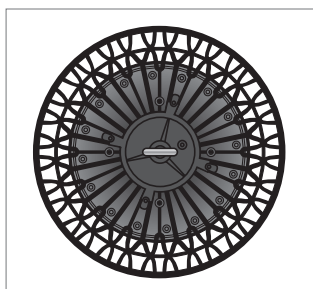
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE      |
| 190 W | LED 4000 K | 26600 lm                     | 140 lm/W                | 5,5  | ■      | 120° | PF4091258 |



Widok od dołu  
Bottom view



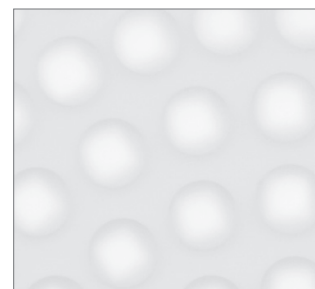
Korpus z aluminium odlewane ciśnieniowo  
Body in die-cast aluminum



Widok od góry  
Top view



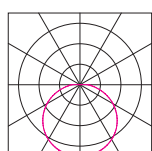
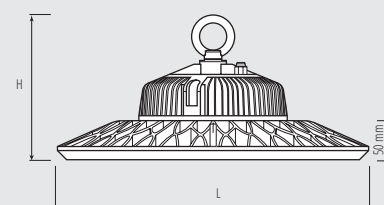
Widok z boku  
Side view



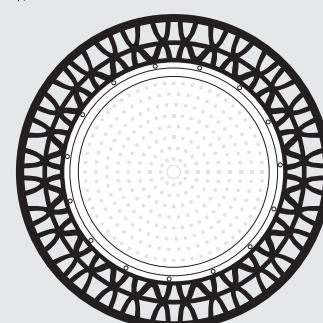
Widok od dołu  
Bottom view

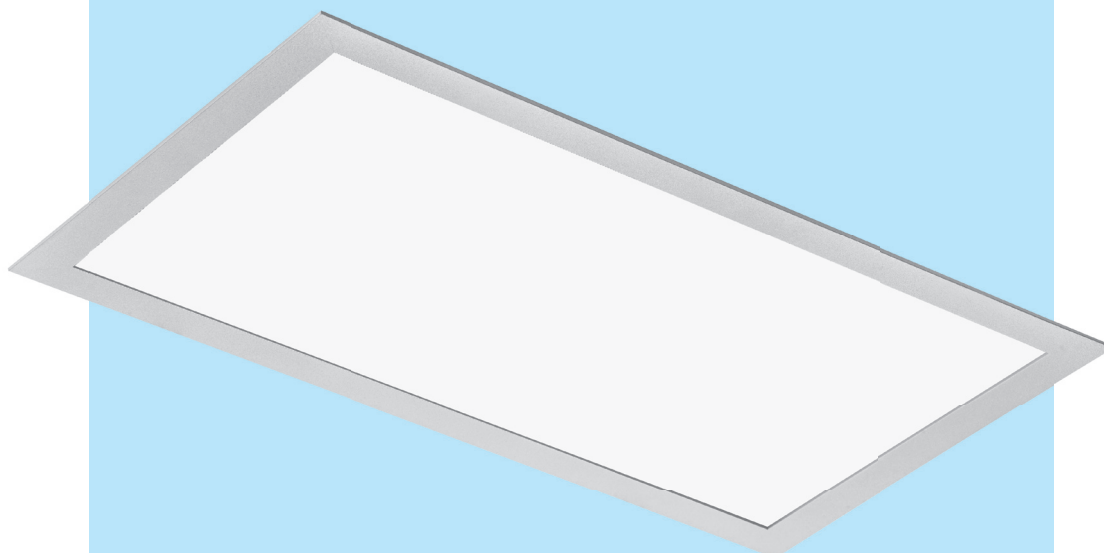
WYMIARY  
DIMENSIONS

| L    | H    |
|------|------|
| [mm] | [mm] |
| 400  | 180  |



FORZA LED





FUZO 420x240



## FUZO LED

**Wykonanie:** ramka z profilu aluminiowego malowana elektrolitycznie (w standardzie kolor szary). Istnieje możliwość malowania na dowolny kolor z palety RAL. Obudowa z blachy stalowej w kolorze białym. Płyta MPRM lub OPAL.

**Montaż:** sufit podwieszany o widocznej konstrukcji nośnej lub G/K

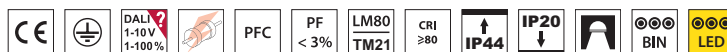
**Zasilanie:** 220 V - 240 V

**Materials:** frame made of electrostatically painted sheet aluminium (standard – grey). Frame can be painted in any RAL colour. White housing made of sheet steel. Microprismatic or OPAL diffuser.

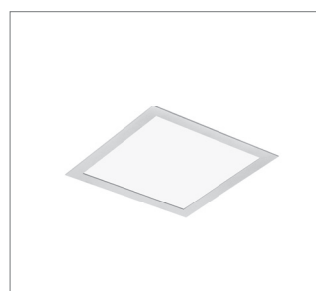
**Installation:** suspended ceiling with visible supporting structure or plaster cardboard ceiling

**Power supply:** 220 V - 240 V

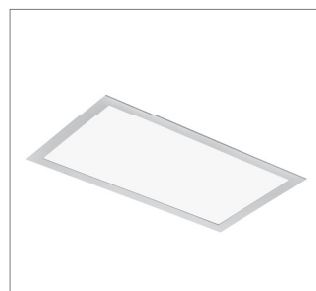
## FUZO LED



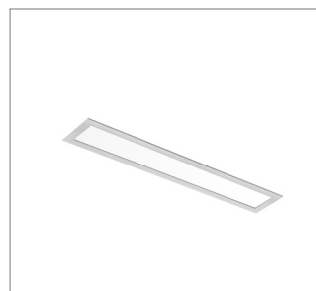
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



FUZO 240x240; 420x420; 600x600



FUZO 420x240

FUZO LINIA  
FUZO LINE

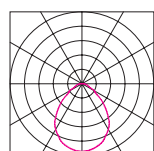
| [mm]                    | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------------------------|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
| [mm]                    | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE      |
| 240x240                 | 10 W  | LED 3000 K | 1010 lm                      | 101 lm/W                | 1,7  | ■      | MPRM | PX2065315 |
|                         | 10 W  | LED 4000 K | 1030 lm                      | 103 lm/W                | 1,7  | ■      | MPRM | PX2065415 |
|                         | 17 W  | LED 3000 K | 1850 lm                      | 109 lm/W                | 1,7  | ■      | MPRM | PX2065322 |
|                         | 17 W  | LED 4000 K | 1880 lm                      | 111 lm/W                | 1,7  | ■      | MPRM | PX2065422 |
| 420x240                 | 18 W  | LED 3000 K | 2160 lm                      | 120 lm/W                | 2,3  | ■      | MPRM | PX2065330 |
|                         | 18 W  | LED 4000 K | 2200 lm                      | 122 lm/W                | 2,3  | ■      | MPRM | PX2065430 |
| 420x420                 | 21 W  | LED 3000 K | 2680 lm                      | 128 lm/W                | 3,0  | ■      | MPRM | PX2065340 |
|                         | 21 W  | LED 4000 K | 2740 lm                      | 130 lm/W                | 3,0  | ■      | MPRM | PX2065440 |
| 600x600 G/K             | 38 W  | LED 3000 K | 5380 lm                      | 142 lm/W                | 5,0  | ■      | MPRM | PX2065444 |
|                         | 38 W  | LED 4000 K | 5490 lm                      | 144 lm/W                | 5,0  | ■      | MPRM | PX2065448 |
| 600x600                 | 38 W  | LED 3000 K | 5380 lm                      | 142 lm/W                | 5,0  | ■      | MPRM | PX2065449 |
|                         | 38 W  | LED 4000 K | 5490 lm                      | 144 lm/W                | 5,0  | ■      | MPRM | PX2065450 |
|                         | 17 W  | LED 3000 K | 1740 lm                      | 102 lm/W                | 1,7  | ■      | MPRM | PX2065451 |
| FUZO LINIA<br>FUZO LINE | 17 W  | LED 4000 K | 1780 lm                      | 105 lm/W                | 1,7  | ■      | MPRM | PX2065458 |
|                         | 24 W  | LED 3000 K | 2670 lm                      | 111 lm/W                | 2,6  | ■      | MPRM | PX2065465 |
|                         | 24 W  | LED 4000 K | 2730 lm                      | 113 lm/W                | 2,6  | ■      | MPRM | PX2065472 |
|                         | 31 W  | LED 3000 K | 3590 lm                      | 116 lm/W                | 3,5  | ■      | MPRM | PX2065479 |
|                         | 31 W  | LED 4000 K | 3670 lm                      | 118 lm/W                | 3,5  | ■      | MPRM | PX2065486 |
| 240x240                 | 10 W  | LED 3000 K | 1000 lm                      | 100 lm/W                | 1,7  | ■      | OPAL | PX2065101 |
|                         | 10 W  | LED 4000 K | 1020 lm                      | 102 lm/W                | 1,7  | ■      | OPAL | PX2065108 |
|                         | 17 W  | LED 3000 K | 1740 lm                      | 102 lm/W                | 1,7  | ■      | OPAL | PX2065115 |
|                         | 17 W  | LED 4000 K | 1780 lm                      | 105 lm/W                | 1,7  | ■      | OPAL | PX2065122 |
| 420x240                 | 18 W  | LED 3000 K | 2020 lm                      | 112 lm/W                | 2,3  | ■      | OPAL | PX2065129 |
|                         | 18 W  | LED 4000 K | 2060 lm                      | 114 lm/W                | 2,3  | ■      | OPAL | PX2065136 |
| 420x420                 | 21 W  | LED 3000 K | 2340 lm                      | 111 lm/W                | 3,0  | ■      | OPAL | PX2065143 |
|                         | 21 W  | LED 4000 K | 2390 lm                      | 114 lm/W                | 3,0  | ■      | OPAL | PX2065150 |
| 600x600 G/K             | 38 W  | LED 3000 K | 4950 lm                      | 130 lm/W                | 5,0  | ■      | OPAL | PX2065157 |
|                         | 38 W  | LED 4000 K | 5050 lm                      | 133 lm/W                | 5,0  | ■      | OPAL | PX2065164 |
| 600x600                 | 38 W  | LED 3000 K | 4950 lm                      | 130 lm/W                | 5,0  | ■      | OPAL | PX2065166 |
|                         | 38 W  | LED 4000 K | 5050 lm                      | 133 lm/W                | 5,0  | ■      | OPAL | PX2065168 |
|                         | 17 W  | LED 3000 K | 1700 lm                      | 100 lm/W                | 1,7  | ■      | OPAL | PX2065171 |
| FUZO LINIA<br>FUZO LINE | 17 W  | LED 4000 K | 1730 lm                      | 102 lm/W                | 1,7  | ■      | OPAL | PX2065178 |
|                         | 24 W  | LED 3000 K | 2580 lm                      | 108 lm/W                | 2,6  | ■      | OPAL | PX2065185 |
|                         | 24 W  | LED 4000 K | 2640 lm                      | 110 lm/W                | 2,6  | ■      | OPAL | PX2065192 |
|                         | 31 W  | LED 3000 K | 3500 lm                      | 113 lm/W                | 3,5  | ■      | OPAL | PX2065199 |
|                         | 31 W  | LED 4000 K | 3570 lm                      | 115 lm/W                | 3,5  | ■      | OPAL | PX2065206 |

Wersja 600x600 przeznaczona jest do montażu w sufitach podwieszanych o widocznej konstrukcji nośnej  
 Wersja 600x600 G/K posiada sprężyny umożliwiające montaż w sufitach podwieszanych G/K  
 The 600x600 version is designed for installation in suspended ceilings with a visible supporting structure  
 The 600x600 G/K version has springs for mounting in plaster-cardboard ceiling

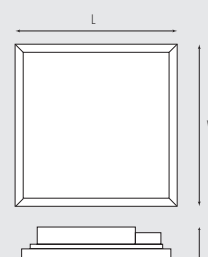
WYMIARY  
DIMENSIONS

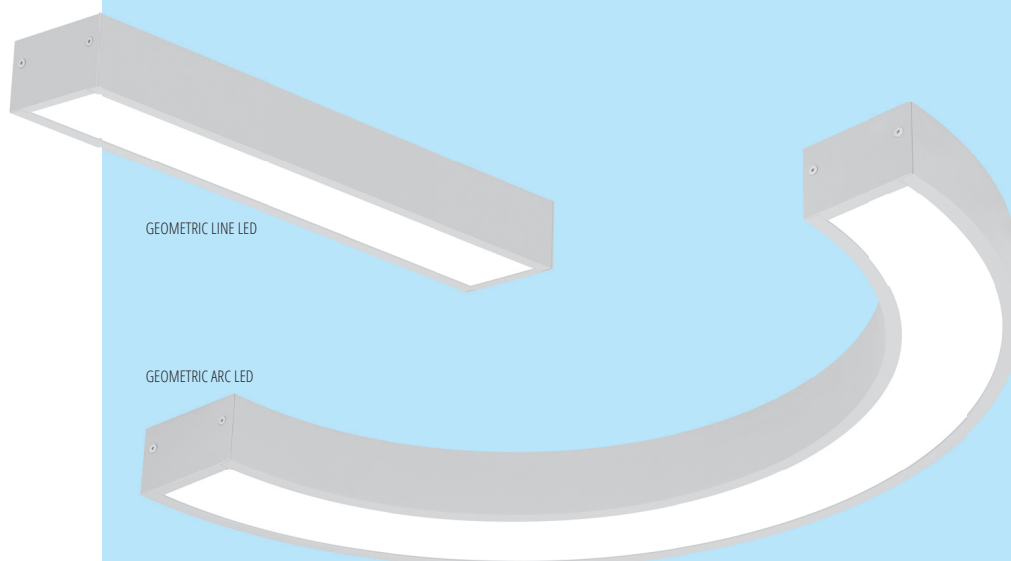
|  | L    | W    | H    |
|--|------|------|------|
|  | [mm] | [mm] | [mm] |

|                         |      |      |     |    |
|-------------------------|------|------|-----|----|
| 240x240                 | 10 W | 240  | 240 | 82 |
|                         | 17 W | 240  | 240 | 82 |
| 420x240                 | 18 W | 420  | 240 | 82 |
|                         | 21 W | 420  | 420 | 82 |
| 420x420                 | 21 W | 420  | 420 | 82 |
|                         | 38 W | 595  | 595 | 82 |
| 600x600 G/K             | 38 W | 595  | 595 | 82 |
|                         | 38 W | 595  | 595 | 82 |
| FUZO LINIA<br>FUZO LINE | 17 W | 618  | 91  | 82 |
|                         | 24 W | 918  | 91  | 82 |
|                         | 31 W | 1218 | 91  | 82 |



FUZO LED





GEOMETRIC LINE LED

GEOMETRIC ARC LED



## GEOMETRIC ARC LED

**Wykonanie:** profil aluminiowy, malowany elektrolitycznie (w standardzie kolor szary), klosz OPAL z poliwęglanu.

**Montaż:** zwieszany (zawieszenia 1,5 m w komplecie)

**Akcesoria:** końcówki, zestaw do łączenia w linie świetlne

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile (grey colour in standard). OPAL diffuser.

**Installation:** suspended (suspensions 1,5 m in set)

**Accessories:** end caps, set for inline installation

**Power supply:** 220 V - 240 V

NOWOŚĆ



GEOMETRIC ARC LED włączony  
GEOMETRIC ARC LED "ON"



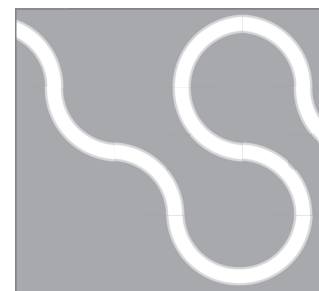
GEOMETRIC LINE LED włączony  
GEOMETRIC LINE LED "ON"



Przykład łączenia w linię świetlną: 2 szt. 800mm  
In-line installation: 2 pcs. 800mm



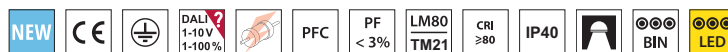
Przykład łączenia w linię świetlną: 1200mm i 800mm  
In-line installation: 1200mm and 800mm



Przykład łączenia w linię świetlną: ARC 800mm i LINE 1085mm  
In-line installation: ARC 800mm and LINE 1200mm

Inne wymiary i średnice dostępne na zapytanie  
Bespoke dimensions and diameters available on request

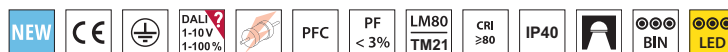
## GEOMETRIC ARC LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

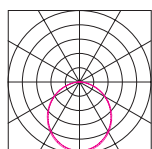
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO   | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO   | COLOUR | CODE      |
| 45 W  | LED 3000 K | 4360 lm                      | 97 lm/W                 | 3,5  | Ø 800  | ■      | PX4090753 |
| 45 W  | LED 4000 K | 4490 lm                      | 100 lm/W                | 3,5  | Ø 800  | ■      | PX4090756 |
| 70 W  | LED 3000 K | 7060 lm                      | 101 lm/W                | 5,1  | Ø 1200 | ■      | PX4090759 |
| 70 W  | LED 4000 K | 7270 lm                      | 104 lm/W                | 5,1  | Ø 1200 | ■      | PX4090762 |

## GEOMETRIC LINE LED

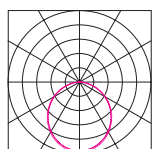


L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO   | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO   | COLOUR | CODE      |
| 24 W  | LED 3000 K | 2330 lm                      | 97 lm/W                 | 1,9  | L=545  | ■      | PX4090771 |
| 24 W  | LED 4000 K | 2400 lm                      | 100 lm/W                | 1,9  | L=545  | ■      | PX4090773 |
| 46 W  | LED 3000 K | 4660 lm                      | 101 lm/W                | 3,1  | L=1085 | ■      | PX4090775 |
| 46 W  | LED 4000 K | 4800 lm                      | 104 lm/W                | 3,1  | L=1085 | ■      | PX4090777 |



GEOMETRIC ARC LED



GEOMETRIC LINE LED

### AKCESORIA ACCESSORIES

Końcówki  
End caps

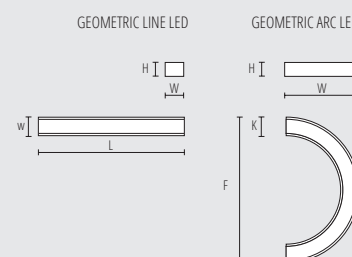
Zestaw do łączenia w linię  
Set for inline installation

| [kg] | KOLOR  | KOD       | INFO                                                     |
|------|--------|-----------|----------------------------------------------------------|
| [kg] | COLOUR | CODE      | INFO                                                     |
| 0,1  | ■      | PX4090765 | 2 szt.<br>2 pcs.                                         |
| 0,1  | ■      | PX4090768 | 1 kpl. (2 szt.)/połączenie<br>1 set (2 pcs.)/ connection |

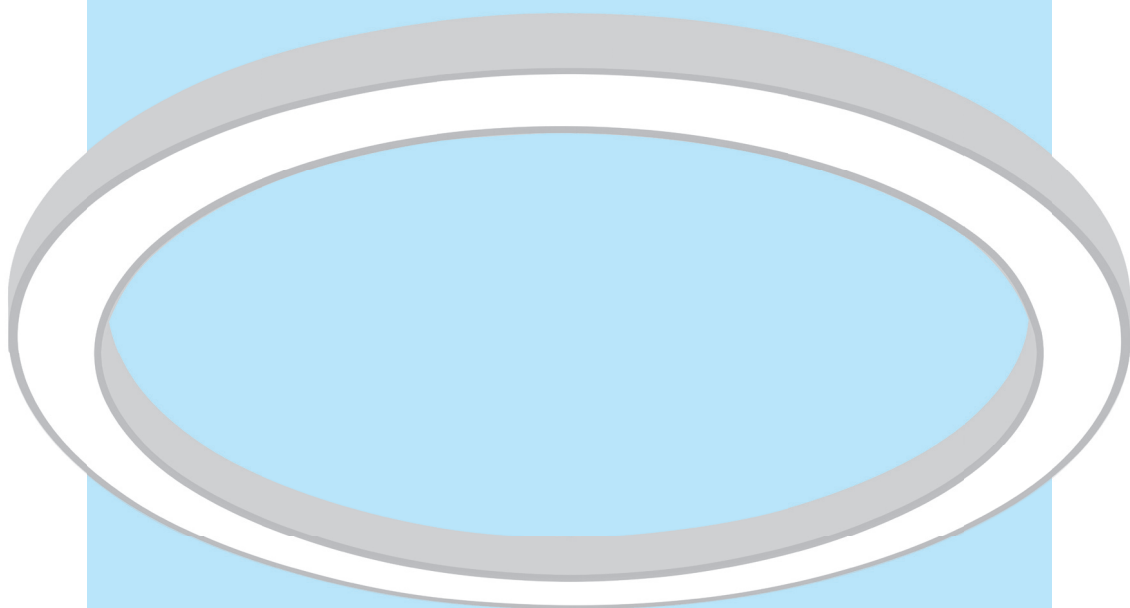
### WYMIARY DIMENSIONS

| INFO | F    | L    | W    | H    | K    |
|------|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] | [mm] |
| ARC  | 800  | -    | 402  | 62   | 100  |
|      | 1200 | -    | 602  | 62   | 100  |
| LINE | -    | 545  | 100  | 62   | -    |
|      | -    | 1085 | 100  | 62   | -    |

Inne wymiary i średnice dostępne na zapytanie  
Bespoke dimensions and diameters available on request







## GEOMETRIC RING LED

**Wykonanie:** profil aluminiowy, malowany elektrolitycznie (w standardzie kolor szary), klosz OPAL z poliwęglanu.

**Montaż:** zwieszany (zawieszania 1,5 m w komplecie)

**Zasilanie:** 220 V - 240 V

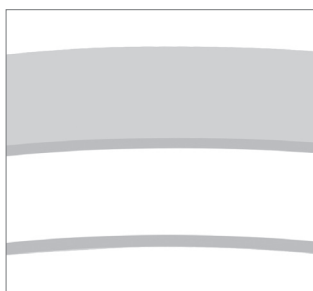
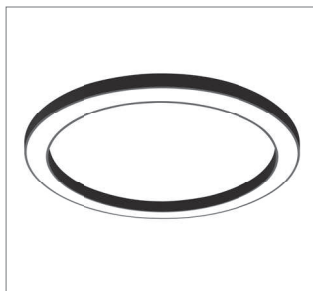
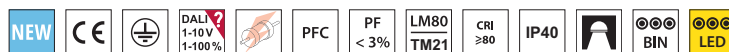
**Materials:** powder painted aluminum profile (grey colour in standard). OPAL diffuser.

**Installation:** suspended (suspensions 1,5 m in set)

**Power supply:** 220 V - 240 V

## GEOMETRIC RING LED

NOWOŚĆ

Klosz OPAL  
OPAL diffuserProfil aluminiowy  
Aluminium profileIstnieje możliwość lakierowania oprawy na dowolny kolor z palety RAL  
Possibility painting in any of RAL coloursNowoczesny kształt i wysokiej jakości materiały  
Modern shape and high quality materials

L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|-------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| DI    | 86 W   | LED 3000 K                   | 8390 lm                 | 98 lm/W  | 6,8  | Ø 800  | PX4090701 |
|       | 86 W   | LED 4000 K                   | 8650 lm                 | 101 lm/W | 6,8  | Ø 800  | PX4090708 |
|       | 140 W  | LED 3000 K                   | 13580 lm                | 97 lm/W  | 10,5 | Ø 1200 | PX4090715 |
|       | 140 W  | LED 4000 K                   | 14000 lm                | 100 lm/W | 10,5 | Ø 1200 | PX4090722 |
| DI-IN | 124 W  | LED 3000 K                   | 12030 lm                | 97 lm/W  | 8,5  | Ø 800  | PX4090723 |
|       | 124 W  | LED 4000 K                   | 12400 lm                | 100 lm/W | 8,5  | Ø 800  | PX4090724 |
|       | 200 W  | LED 3000 K                   | 18920 lm                | 95 lm/W  | 12,6 | Ø 1200 | PX4090725 |
|       | 200 W  | LED 4000 K                   | 19490 lm                | 97 lm/W  | 12,6 | Ø 1200 | PX4090726 |

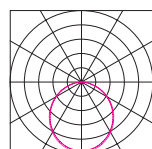
## GEOMETRIC RING LITE LED

L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

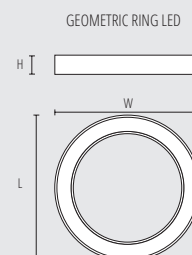
| MOC   | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|-------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| DI    | 43 W   | LED 3000 K                   | 4400 lm                 | 102 lm/W | 6,8  | Ø 800  | PX4090729 |
|       | 43 W   | LED 4000 K                   | 4540 lm                 | 107 lm/W | 6,8  | Ø 800  | PX4090736 |
|       | 70 W   | LED 3000 K                   | 7130 lm                 | 102 lm/W | 10,5 | Ø 1200 | PX4090743 |
|       | 70 W   | LED 4000 K                   | 7350 lm                 | 105 lm/W | 10,5 | Ø 1200 | PX4090750 |

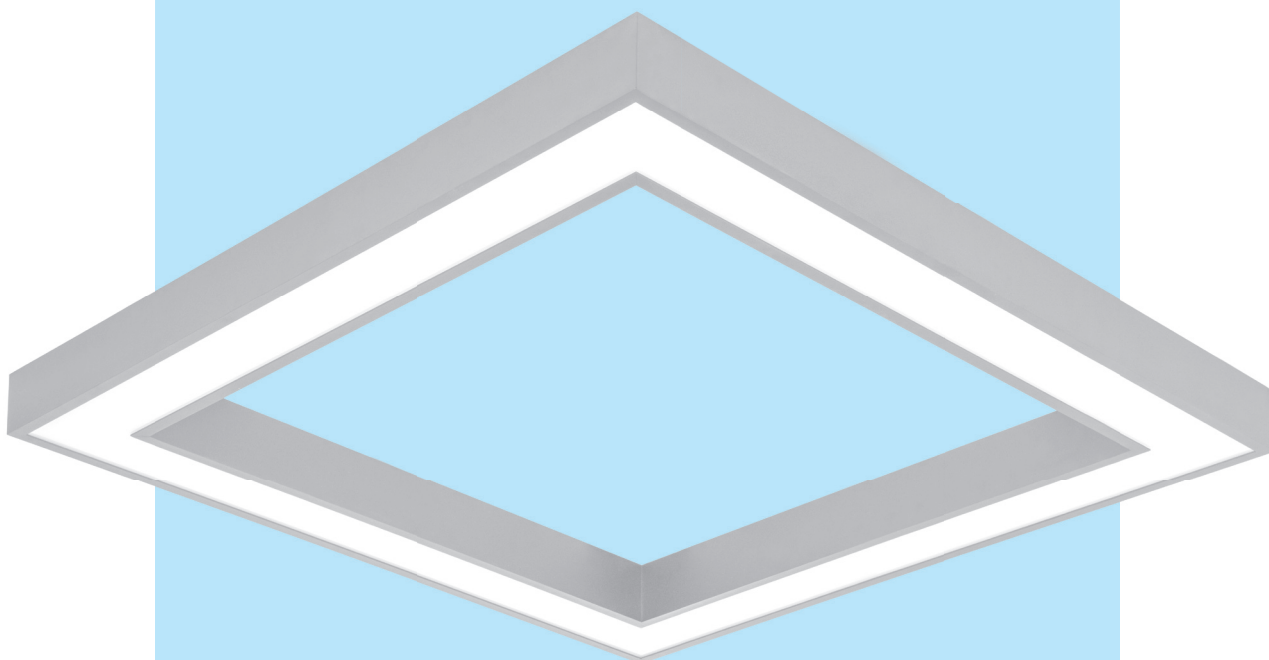
WYMIARY  
DIMENSIONS

|              | L    | W    | H    |
|--------------|------|------|------|
|              | [mm] | [mm] | [mm] |
| DI Ø 800     | 800  | 800  | 60   |
| DI Ø 1200    | 1200 | 1200 | 60   |
| DI-IN Ø 800  | 800  | 800  | 108  |
| DI-IN Ø 1200 | 1200 | 1200 | 108  |



GEOMETRIC RING LED





## GEOMETRIC SQUARE LED

**Wykonanie:** profil aluminiowy, malowany elektrolitycznie (w standardzie kolor szary), klosz OPAL z poliwęglanu.

**Montaż:** zwieszany (zawieszania 1,5 m w komplecie)

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile (grey colour in standard). OPAL diffuser.

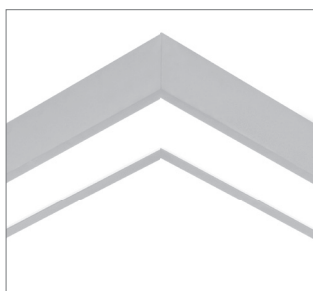
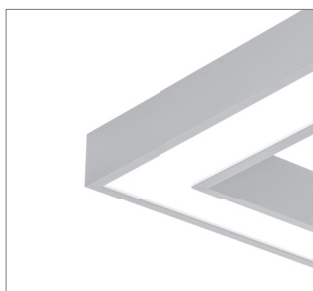
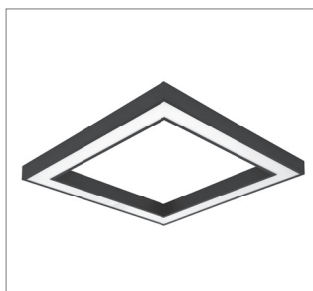
**Installation:** suspended (suspensions 1,5 m in set)

**Power supply:** 220 V - 240 V

## GEOMETRIC SQUARE LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

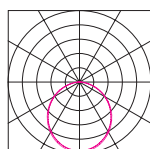
Klosz OPAL  
OPAL diffuserProfil aluminiowy  
Aluminium profileIstnieje możliwość lakierowania oprawy na dowolny kolor z palety RAL.  
Possibility painting in any of RAL colours

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO  | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|-------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO  | COLOUR | CODE      |
| 60 W  | LED 3000 K | 6630 lm                      | 110 lm/W                | 5,5  | Mały  | ■      | PX4080029 |
| 60 W  | LED 4000 K | 6770 lm                      | 112 lm/W                | 5,5  | Small | ■      | PX4080036 |
| 90 W  | LED 3000 K | 8480 lm                      | 94 lm/W                 | 11   | Duży  | ■      | PX4080043 |
| 90 W  | LED 4000 K | 8650 lm                      | 96 lm/W                 | 11   | Big   | ■      | PX4080050 |

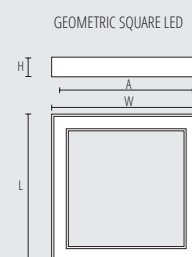
| GEOMETRIC SQUARE LITE LED |            |                              |                         |      | L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84 |        |           |
|---------------------------|------------|------------------------------|-------------------------|------|-----------------------------------------------|--------|-----------|
| MOC                       | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO                                          | KOLOR  | KOD       |
| POWER                     | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO                                          | COLOUR | CODE      |
| <b>NEW</b> 35 W           | LED 3000 K | 3770 lm                      | 108 lm/W                | 5,5  | Mały                                          | ■      | PX4081029 |
| <b>NEW</b> 35 W           | LED 4000 K | 3840 lm                      | 110 lm/W                | 5,5  | Small                                         | ■      | PX4081036 |
| <b>NEW</b> 51 W           | LED 3000 K | 4880 lm                      | 96 lm/W                 | 11   | Duży                                          | ■      | PX4081043 |
| <b>NEW</b> 51 W           | LED 4000 K | 4980 lm                      | 98 lm/W                 | 11   | Big                                           | ■      | PX4081050 |

WYMIARY  
DIMENSIONS

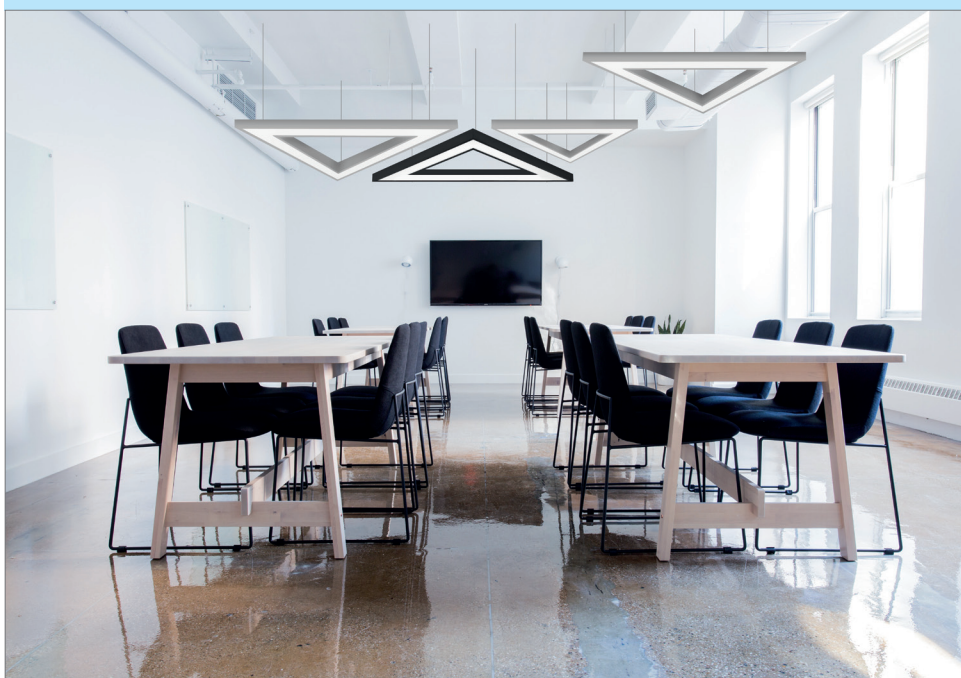
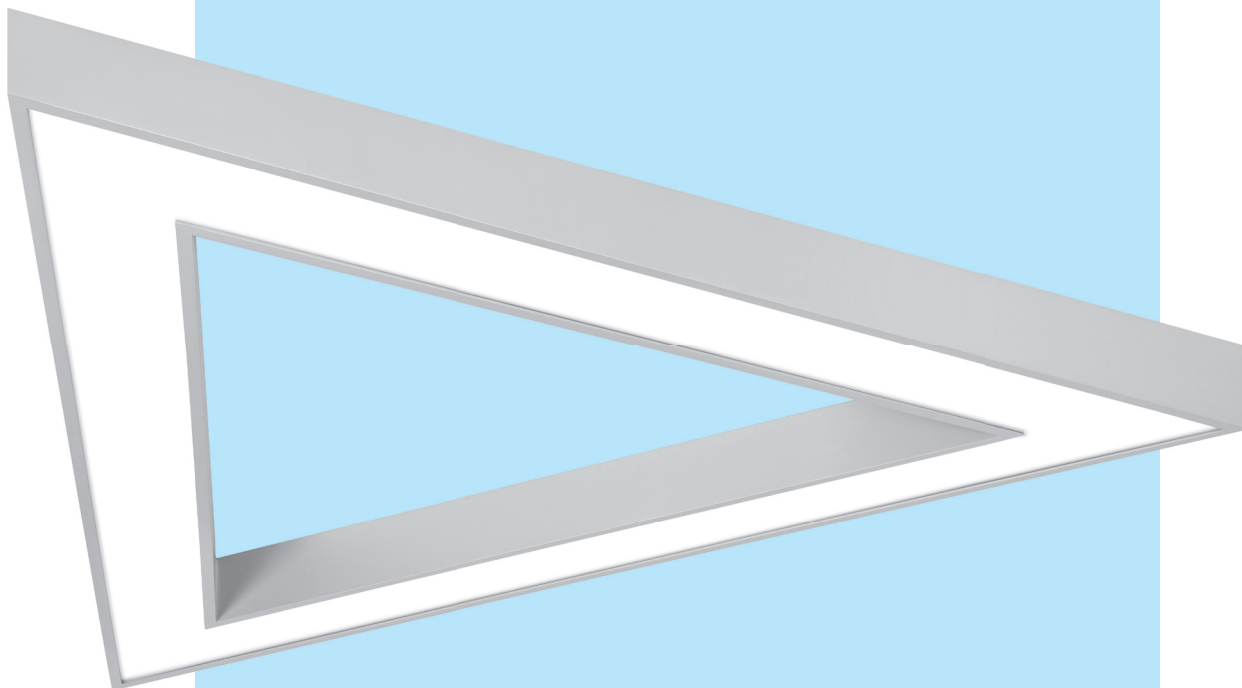
|              | L    | W    | H    | A    |
|--------------|------|------|------|------|
|              | [mm] | [mm] | [mm] | [mm] |
| Mały / Small | 680  | 680  | 60   | 580  |
| Duży / Big   | 980  | 980  | 80   | 870  |



GEOMETRIC KD LED







## GEOMETRIC TRIANGLE LED

**Wykonanie:** profil aluminiowy, malowany elektrolitycznie (w standardzie kolor szary), klosz OPAL z poliwęglanu.

**Montaż:** zwieszany (zawieszania 1,5 m w komplecie)

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile (grey colour in standard). OPAL diffuser.

**Installation:** suspended (suspensions 1,5 m in set)

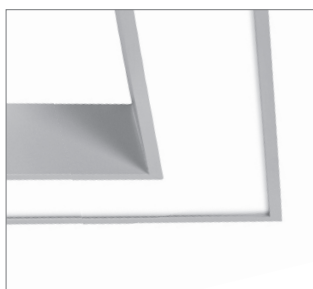
**Power supply:** 220 V - 240 V



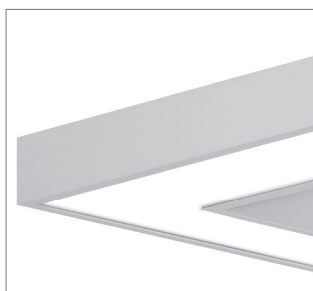
# GEOMETRIC TRIANGLE LED



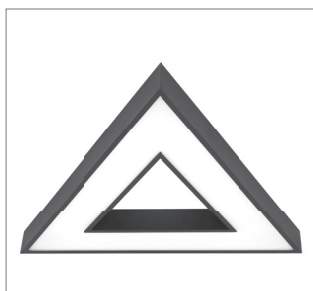
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Klosz OPAL  
OPAL diffuser



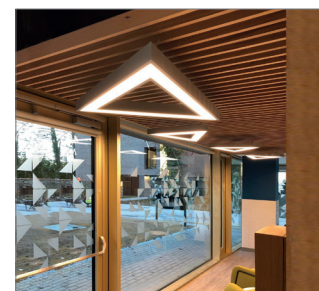
Profil aluminiowy  
Aluminium profile



Istnieje możliwość lakierowania oprawy na dowolny kolor z palety RAL  
Possibility painting in any of RAL colours

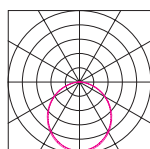
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO  | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|-------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO  | COLOUR | CODE      |
| 36 W  | LED 3000 K | 3650 lm                      | 101 lm/W                | 3,5  | Mały  | ■      | PX4080001 |
| 36 W  | LED 4000 K | 3720 lm                      | 103 lm/W                | 3,5  | Small | ■      | PX4080008 |
| 68 W  | LED 3000 K | 6570 lm                      | 96 lm/W                 | 8,5  | Duży  | ■      | PX4080015 |
| 68 W  | LED 4000 K | 6700 lm                      | 98 lm/W                 | 8,5  | Big   | ■      | PX4080022 |

| GEOMETRIC TRIANGLE LITE LED |            |                              |                         | L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84 |       |                                                                                       |           |
|-----------------------------|------------|------------------------------|-------------------------|-----------------------------------------------|-------|---------------------------------------------------------------------------------------|-----------|
| MOC                         | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]                                          | INFO  | KOLOR                                                                                 | KOD       |
| POWER                       | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]                                          | INFO  | COLOUR                                                                                | CODE      |
| 20 W                        | LED 3000 K | 2020 lm                      | 101 lm/W                | 3,5                                           | Mały  |  | PX4081001 |
| 20 W                        | LED 4000 K | 2050 lm                      | 102 lm/W                | 3,5                                           | Small |  | PX4081008 |
| 39 W                        | LED 3000 K | 3780 lm                      | 97 lm/W                 | 8,5                                           | Duży  |  | PX4081015 |
| 39 W                        | LED 4000 K | 3850 lm                      | 99 lm/W                 | 8,5                                           | Big   |  | PX4081022 |

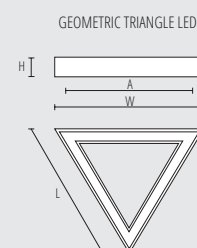


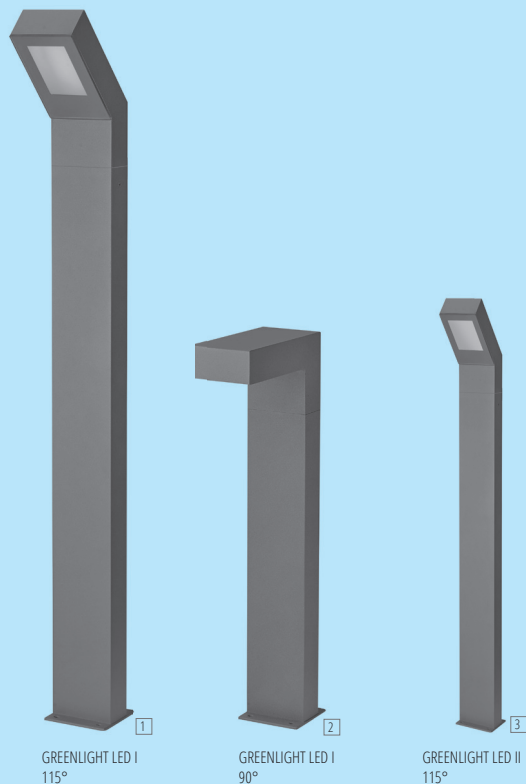
## WYMIARY DIMENSIONS

|              | L    | W    | H    | A    |
|--------------|------|------|------|------|
|              | [mm] | [mm] | [mm] | [mm] |
| Mały / Small | 650  | 650  | 60   | 467  |
| Duży / Big   | 1065 | 1065 | 80   | 865  |



GEOMETRIC TRIANGLE LED





GREENLIGHT LED I  
115°

GREENLIGHT LED I  
90°

GREENLIGHT LED II  
115°



## GREENLIGHT LED

**Wykonanie:** obudowa z profilu aluminiowego malowanego farbą odporną na warunki zewnętrzne (standardowo w kolorze grafitowym, inne kolory na zapytanie), szyba szroniona hartowana

**Montaż:** do podłoża

**Akcesoria:** słupki h=500 mm, h=1000 mm, h=1800 mm, podstawy do gruntu lub betonu

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of aluminum profile painted with paint resistant to external conditions (standard colour: graphite, other colours on request), frosted tempered glass

**Installation:** in-ground

**Accessories:** pole: h=500 mm, h=1000 mm, h=1800 mm, base for ground or concrete

**Power supply:** 220 V - 240 V

# GREENLIGHT LED



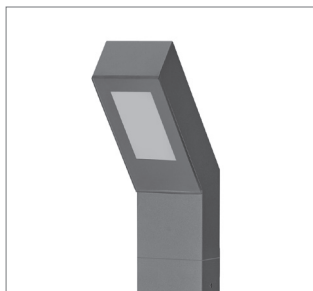
L70 B50 >50 000h • SDCM3 • LLMF 75% • CRI 80



GREENLIGHT LED 115° - szerokość słupka 100 mm  
GREENLIGHT LED 115° - width of pole 100 mm



GREENLIGHT LED 90° - szerokość słupka 100 mm  
GREENLIGHT LED 90° - width of pole 100 mm



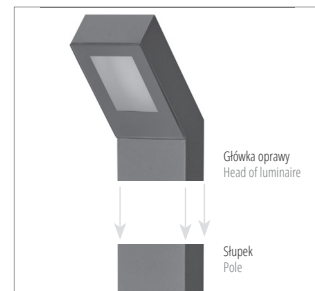
GREENLIGHT LED II 115° - szerokość słupka 60 mm  
GREENLIGHT LED II 115° - width of pole 60 mm



Sroniona szyba hartowana, stopień szczelności IP65  
Frosted tempered glass, protection degree IP65



Słupek - korpus z wysokiej jakości profilu aluminiowego  
Pole - body of the luminaire is made of high quality aluminium profile



Główna oprawa i słupki - przykład montażu  
Head and pole - example of mounting

| MOC   | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]    | KOLOR  | INFO        | KOD       |
|-------|--------|------------------------------|-------------------------|---------|--------|-------------|-----------|
| POWER | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]    | COLOUR | INFO        | CODE      |
| 3     | 9 W    | LED 3000 K                   | 480 lm                  | 53 lm/W | 0,9    | 115° 50x60  | PX4059001 |
|       | 9 W    | LED 4000 K                   | 490 lm                  | 54 lm/W | 0,9    | 115° 50x60  | PX4059008 |
| 2     | 9 W    | LED 3000 K                   | 480 lm                  | 53 lm/W | 1,1    | 90° 50x100  | PX4059015 |
|       | 9 W    | LED 4000 K                   | 490 lm                  | 54 lm/W | 1,1    | 90° 50x100  | PX4059022 |
| 1     | 9 W    | LED 3000 K                   | 480 lm                  | 53 lm/W | 1,1    | 115° 50x100 | PX4059029 |
|       | 9 W    | LED 4000 K                   | 490 lm                  | 54 lm/W | 1,1    | 115° 50x100 | PX4059036 |

Uwaga: akcesoria w postaci słupka lub uchwytu ściennego należy zamówić osobno  
Notice: accessories (pole or wall bracket) should be ordered separately

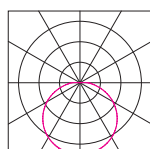
## AKCESORIA ACCESSORIES

### Słupek Pole

| [kg] | INFO             | KOD           |
|------|------------------|---------------|
| [kg] | INFO             | CODE          |
| 0,90 | 50x60 h=500 mm   | PX4059043 3   |
| 1,80 | 50x60 h=1000 mm  | PX4059050 3   |
| 1,10 | 50x100 h=500 mm  | PX4059057 2   |
| 2,00 | 50x100 h=1000 mm | PX4059064 2 1 |
| 3,60 | 50x100 h=1800 mm | PX4059071 2 1 |

### Podstawa Base

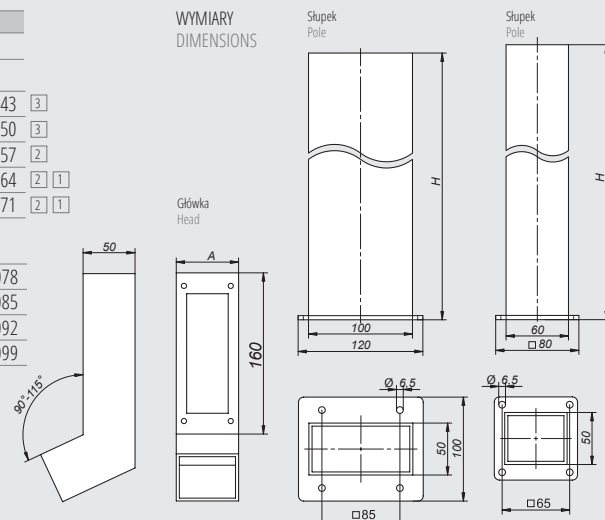
|        |                           |           |
|--------|---------------------------|-----------|
| 50x60  | do betonu / for concrete  | PX4059078 |
| 50x100 | do betonu / for concrete  | PX4059085 |
| 50x60  | do gruntu / to the ground | PX4059092 |
| 50x100 | do gruntu / to the ground | PX4059099 |

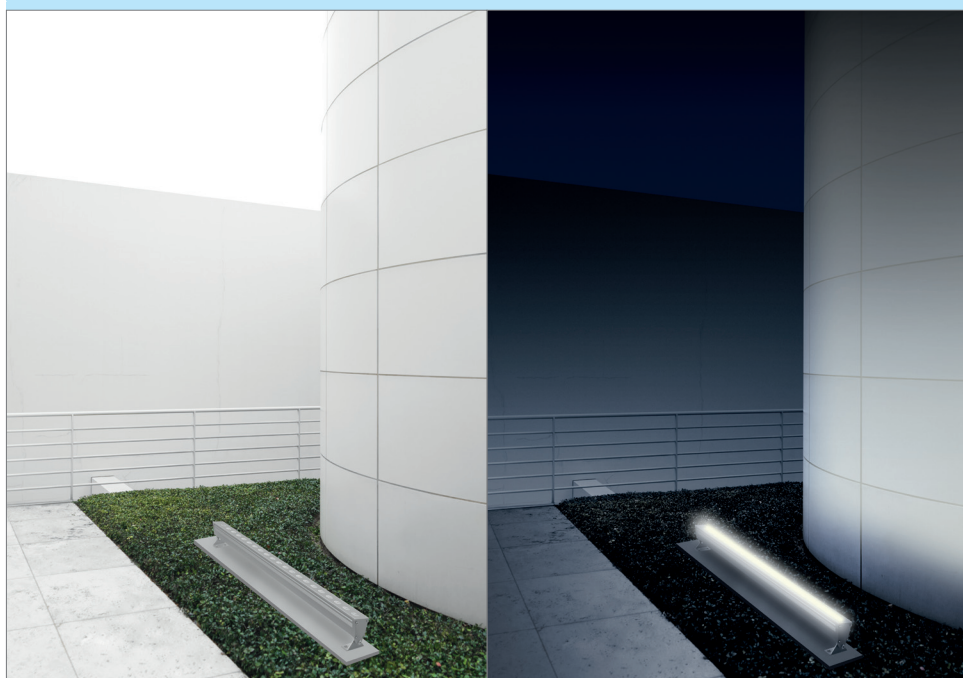
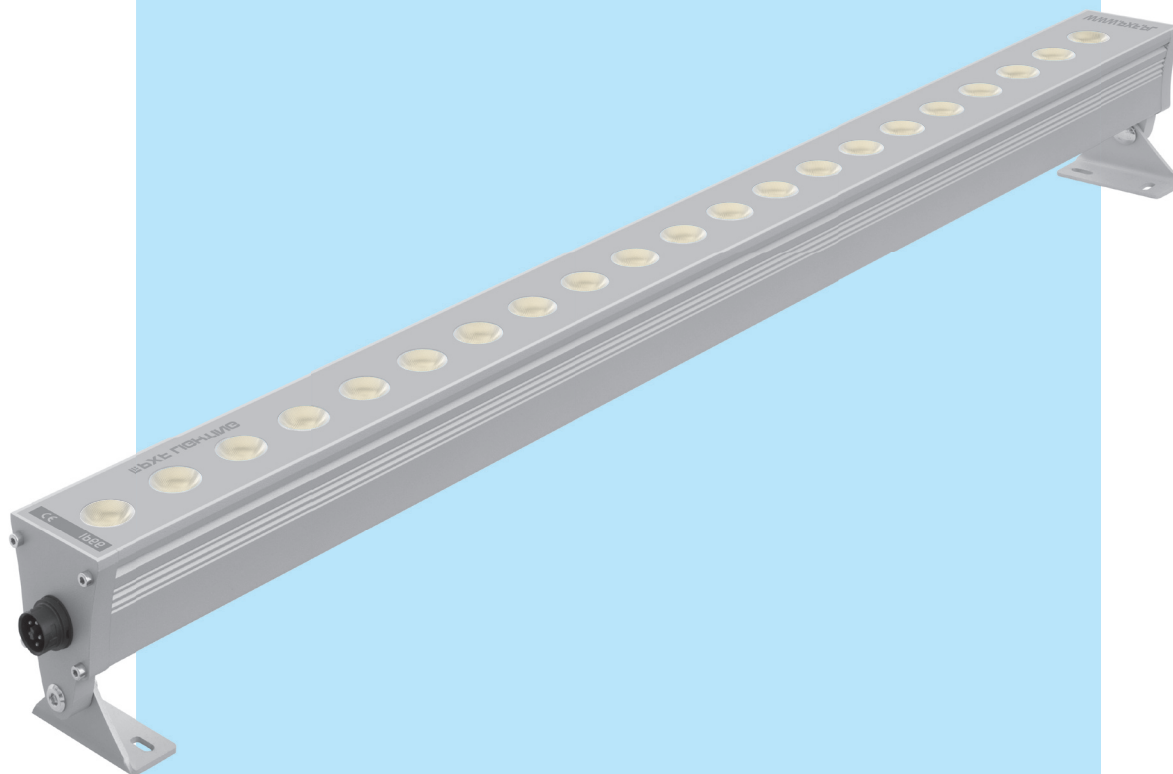


GREENLIGHT LED

BIM Do oprawy dostępne są modele BIM  
BIM files are available for this product

## WYMIARY DIMENSIONS





## ILUMO LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary). Możliwość lakierowania na dowolny kolor z palety RAL. Szyba hartowana przezroczysta. Okablowanie przelotowe na zapytanie.

**Montaż:** do podłoża, naścienny, nastropowy

**Akcesoria:** uchwyt do montażu naściennego

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminium housing (grey colour in standard). Possibility of painting in any colour from RAL palette. Transparent tempered glass. Through wiring on request.

**Installation:** for the ground, wall mounting, surface mounting

**Accessories:** brackets for wall mounting

**Power supply:** 220 V - 240 V

# ILUMO LED



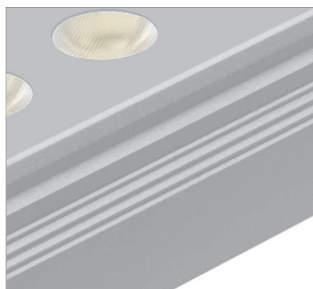
L90 B20 >60 000h • SDCM 3 • LLMF 96% • CRI 84 RGB: L70 B50 >50 000h • SDCM 3 • LLMF 67%

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | [mm] | CODE      |
| 9 W   | LED 4000 K | 1120 lm                      | 124 lm/W                | 1,5  |        | 12°  | PX4090301 |
| 9 W   | LED 4000 K | 1160 lm                      | 129 lm/W                | 1,5  |        | 20°  | PX4090308 |
| 9 W   | LED 4000 K | 990 lm                       | 110 lm/W                | 1,5  |        | 38°  | PX4090315 |
| 9 W   | LED 4000 K | 890 lm                       | 99 lm/W                 | 1,5  |        | AS   | PX4090322 |
| 16 W  | LED 4000 K | 2240 lm                      | 140 lm/W                | 2,5  |        | 12°  | PX4090329 |
| 16 W  | LED 4000 K | 2330 lm                      | 146 lm/W                | 2,5  |        | 20°  | PX4090336 |
| 16 W  | LED 4000 K | 1990 lm                      | 124 lm/W                | 2,5  |        | 38°  | PX4090343 |
| 16 W  | LED 4000 K | 1780 lm                      | 111 lm/W                | 2,5  |        | AS   | PX4090350 |
| 23 W  | LED 4000 K | 3360 lm                      | 146 lm/W                | 3,5  |        | 12°  | PX4090357 |
| 23 W  | LED 4000 K | 3490 lm                      | 152 lm/W                | 3,5  |        | 20°  | PX4090364 |
| 23 W  | LED 4000 K | 2980 lm                      | 130 lm/W                | 3,5  |        | 38°  | PX4090371 |
| 23 W  | LED 4000 K | 2670 lm                      | 116 lm/W                | 3,5  |        | AS   | PX4090378 |
| 30 W  | LED 4000 K | 4480 lm                      | 149 lm/W                | 4,8  |        | 12°  | PX4090385 |
| 30 W  | LED 4000 K | 4660 lm                      | 155 lm/W                | 4,8  |        | 20°  | PX4090392 |
| 30 W  | LED 4000 K | 3980 lm                      | 133 lm/W                | 4,8  |        | 38°  | PX4090399 |
| 30 W  | LED 4000 K | 3560 lm                      | 119 lm/W                | 4,8  |        | AS   | PX4090406 |
| 22 W  | LED RGB    | -                            | -                       | 2,4  |        | 20°  | PX4090413 |
| 36 W  | LED RGB    | -                            | -                       | 4,6  |        | 20°  | PX4090420 |

Zakres temperatury pracy oprawy od -20°C do +40°C  
Suitable to work in temperatures from -20°C to +40°C



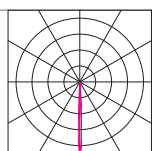
Układ optyczny  
Optical system



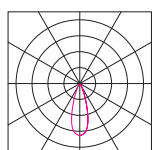
Korpus z aluminium  
Aluminium housing



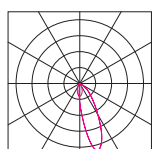
Szybkołączka zasilająca IP68 w komplecie  
Power point IP68 in set



ILUMO LED 12°



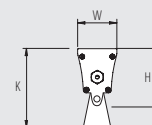
ILUMO LED 38°



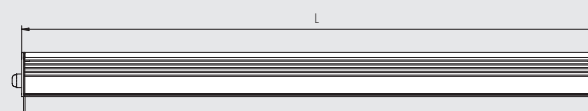
ILUMO LED AS

## WYMIARY DIMENSIONS

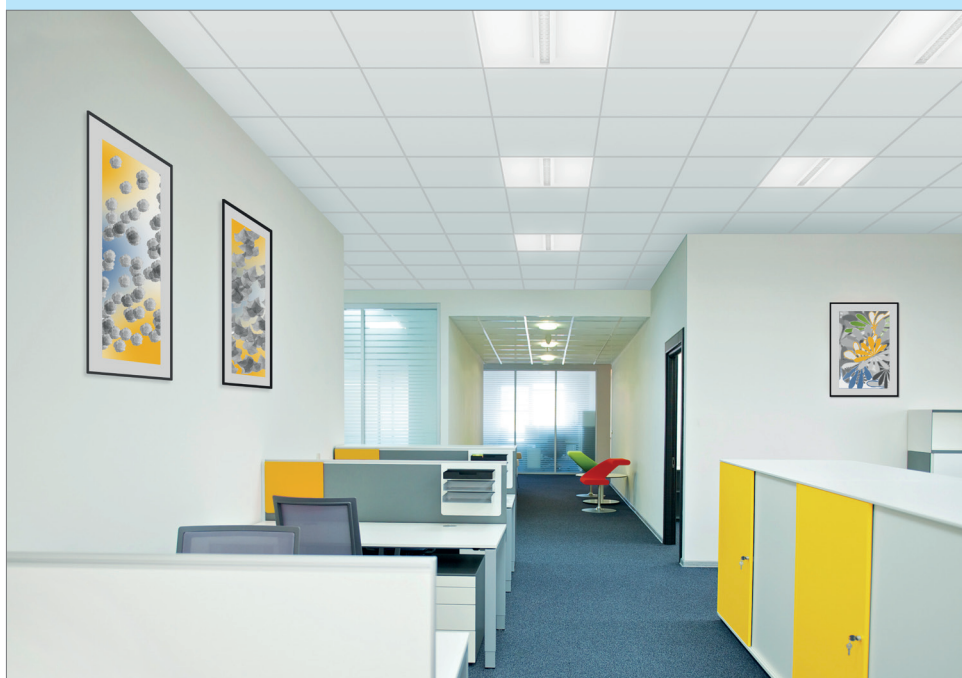
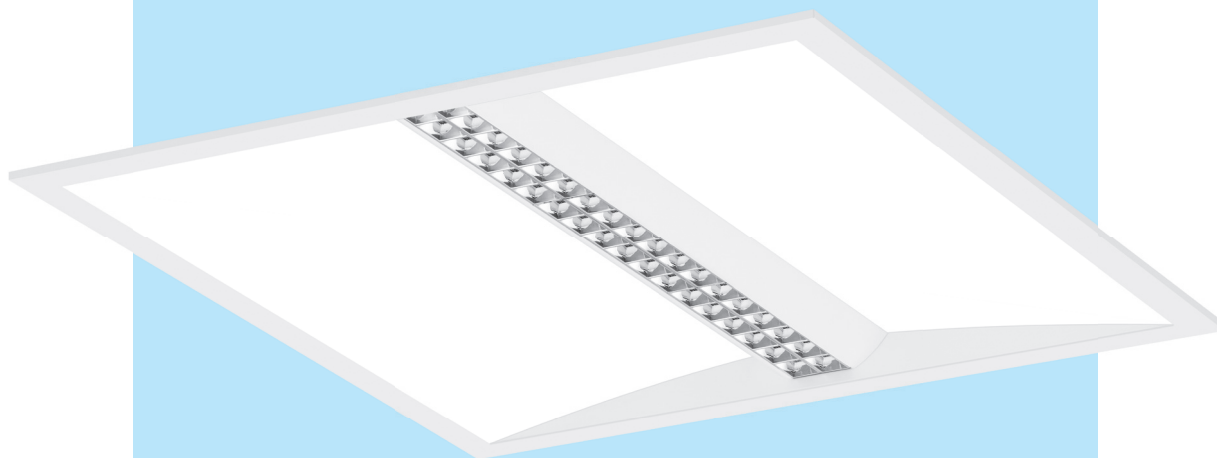
| MOC   | L    | W    | H    | K    |
|-------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] |
| 9 W   | 340  | 64   | 86   | 106  |
| 16 W  | 640  | 64   | 86   | 106  |
| 23 W  | 940  | 64   | 86   | 106  |
| 30 W  | 1240 | 64   | 86   | 106  |
| 22 W  | 600  | 64   | 86   | 106  |
| 36 W  | 1160 | 64   | 86   | 106  |



Na zapytanie - okablowanie przelotowe  
On request - through wiring







## IMOLA LED

**Wykonanie:** obudowa z blachy stalowej oraz aluminiowa ramka mocująca klosz malowane elektrostatycznie na kolor biały. Klosz MPRM, raster paraboliczny metalizowany lub biały.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej

**Zasilanie:** 220 V - 240 V

**Materials:** body made of powder painted steel sheet and aluminium frame in white colour. MPRM diffuser, metallised louver or white louver.

**Installation:** into modular ceiling 600x600 with a visible supported structure

**Power supply:** 220 V - 240 V

# IMOLA LED

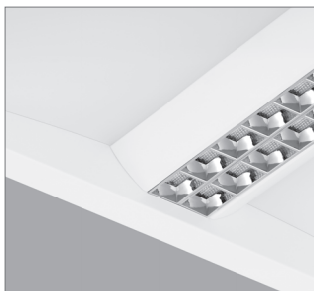
NOWOŚĆ



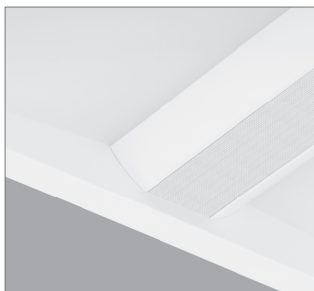
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 80



IMOLA LED - raster biały  
IMOLA LED - white louver



IMOLA LED - raster metalizowany  
IMOLA LED - metallised louver

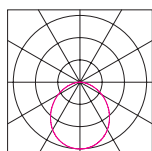


IMOLA LED - kłosa mikropyzmatyczny MPRM  
IMOLA LED - microprismatic diffuser MPRM

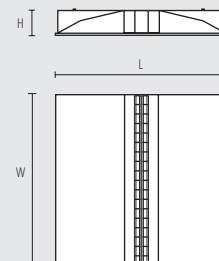
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | STRUMIEŃ DI         | STRUMIEŃ IN         | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO           | KOD       |
|-------|------------|------------------------------|---------------------|---------------------|-------------------------|------|--------|----------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | DI<br>LUMINOUS FLUX | IN<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO           | CODE      |
| 36 W  | LED 3000 K | 3930 lm                      | 2350 lm             | 1580 lm             | 109 lm/W                | 4,0  | ☐      | RASTER BIAŁY   | PX1310115 |
| 36 W  | LED 4000 K | 4050 lm                      | 2420 lm             | 1630 lm             | 113 lm/W                | 4,0  | ☐      | WHITE LOUVER   | PX1310122 |
| 36 W  | LED 3000 K | 3820 lm                      | 2240 lm             | 1580 lm             | 106 lm/W                | 4,0  | ☐      | RASTER SREBRNY | PX1310129 |
| 36 W  | LED 4000 K | 3940 lm                      | 2310 lm             | 1630 lm             | 109 lm/W                | 4,0  | ☐      | SILVER LOUVER  | PX1310136 |
| 40 W  | LED 3000 K | 4220 lm                      | 2640 lm             | 1580 lm             | 106 lm/W                | 4,0  | ☐      | MPRM           | PX1310143 |
| 40 W  | LED 4000 K | 4350 lm                      | 2720 lm             | 1630 lm             | 109 lm/W                | 4,0  | ☐      |                | PX1310150 |

WYMIARY  
DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 595  | 595  | 71   |



IMOLA LED





## KARDO MINI LED

**Wykonanie:** ramka z aluminium malowana elektrolitycznie (w standardzie kolor biały), ringi aluminiowe i obudowa z blachy stalowej w kolorze czarnym. Możliwość regulacji źródeł w dwóch osiach.

**Montaż:** do wpuszczenia w sufit podwieszany

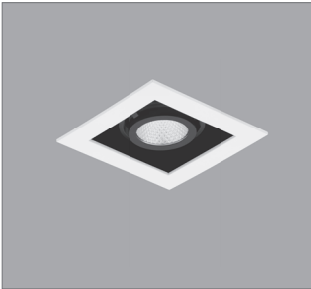
**Zasilanie:** 220 V - 240 V

**Materials:** powder painted, grey aluminum frame; aluminum rings; body made of steel sheet in black colour; light sources adjustable in two planes.

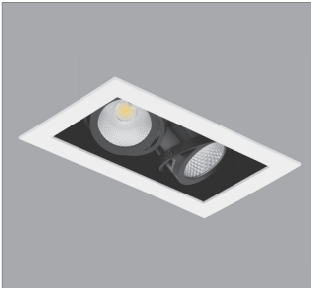
**Installation:** into plaster-cardboard ceiling

**Power supply:** 220 V - 240 V

NOWOŚĆ



KARDO MINI LED 1x



KARDO MINI LED 2x



KARDO MINI LED

# KARDO MINI LED

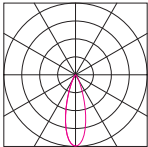


L70 B10 >54 000h • SDCM 3 • LLMF 75% • CRI 80

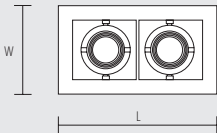
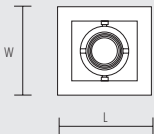
| MOC   | ŹRÓDŁO         | [kg] | INFO | KOLOR  | KĄT ROZSYŁU | KOD       |
|-------|----------------|------|------|--------|-------------|-----------|
| POWER | LAMP           | [kg] | INFO | COLOUR | LIGHT BEAM  | CODE      |
| 8,5 W | LED COB 3000 K | 0,7  | 1x   | ■      | 30°         | PX1520201 |
| 8,5 W | LED COB 4000 K | 0,7  | 1x   | ■      | 30°         | PX1520208 |
| 15 W  | LED COB 3000 K | 1,2  | 2x   | ■      | 30°         | PX1520215 |
| 15 W  | LED COB 4000 K | 1,2  | 2x   | ■      | 30°         | PX1520222 |

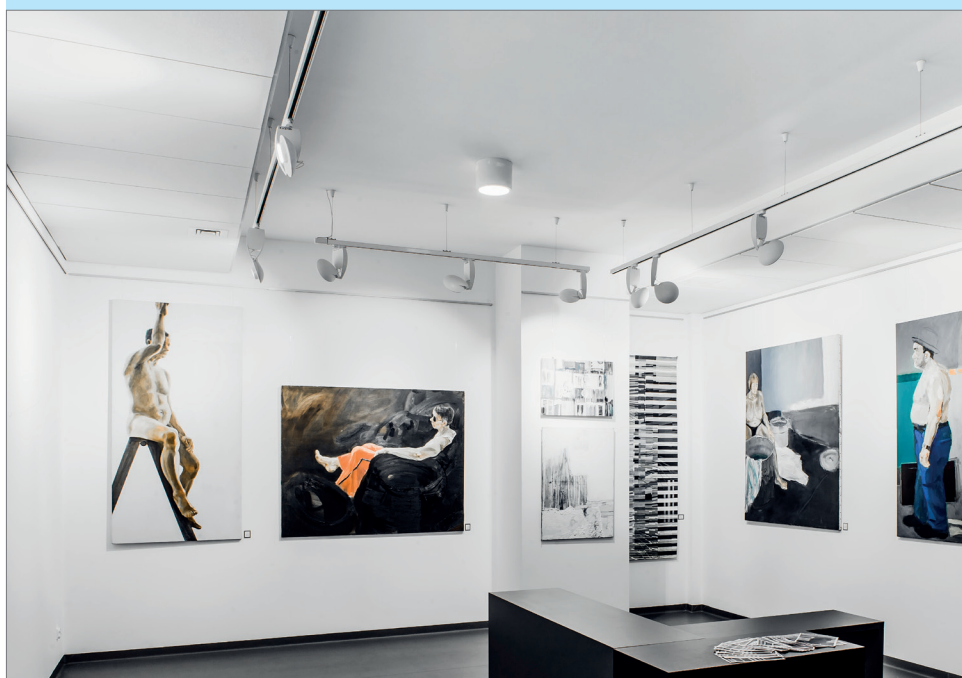
WYMIARY  
DIMENSIONS

| MOC   | L    | W    | H    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 1x    | 116  | 116  | 81   |
| 2x    | 203  | 116  | 81   |



KARDO MINI LED 30°





## KYCLOS

**Wykonanie:** odlew aluminiowy malowany farbą poliestrowo-epoksydową. Przód oprawy wykonany z przezroczystego lub malowanego poliwęglanu. Metalizowany odbłyśnik z materiału termoplastycznego.

**Montaż:** do szynoprzewodu 3-fazowego, wersja z bazą na życzenie

**Akcesoria:** odbłyśniki do regulacji kąta rozsyłu

**Zasilanie:** 220 V - 240 V

**Materials:** epoxy-polyester painted die-cast aluminum. Front made of transparent or painted polycarbonate. Metalized reflector made of thermo plastic material

**Installation:** to electrical tracks, on a base version - on request

**Accessories:** reflector for beam angle regulation

**Power supply:** 220 V - 240 V



# KYCLOS



L80 B10 >50 000h • CRI 85



KYCLOS

| MOC   | ŹRÓDŁO             | KĄT ROŚYŁU          | [kg] | KOLOR  | KOD          |
|-------|--------------------|---------------------|------|--------|--------------|
| POWER | LAMP               | ANGLE OF LIGHT BEAM | [kg] | COLOUR | CODE         |
| 51 W  | LED 6400 lm 3000 K | 28°                 | 1,9  | ■      | IV725-562-16 |
| 51 W  | LED 6400 lm 3000 K | 28°                 | 1,9  | □      | IV725-562-21 |
| 39 W  | LED 4900 lm 3000 K | 28°                 | 1,7  | ■      | IV725-663-16 |
| 39 W  | LED 4900 lm 3000 K | 28°                 | 1,7  | □      | IV725-663-21 |
| 75 W  | LED 9900 lm 3000 K | 25°                 | 3,5  | □      | IV719-261-21 |
| 75 W  | LED 9900 lm 3000 K | 25°                 | 3,5  | ■      | IV719-261-52 |
| 75 W  | LED 9900 lm 3000 K | 25°                 | 3,5  | ■      | IV719-261-16 |



KYCLOS POWER

# MINI KYCLOS

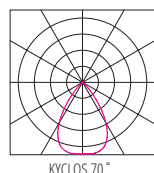


L80 B10 >50 000h • CRI 80

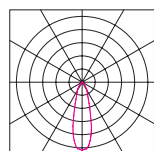


MINI KYCLOS

| MOC   | ŹRÓDŁO             | KĄT ROŚYŁU          | [kg] | KOLOR  | KOD           |
|-------|--------------------|---------------------|------|--------|---------------|
| POWER | LAMP               | ANGLE OF LIGHT BEAM | [kg] | COLOUR | CODE          |
| 18 W  | LED 2400 lm 3000 K | 30°                 | 0,9  | ■      | IV717-161-16  |
| 18 W  | LED 2400 lm 3000 K | 30°                 | 0,9  | □      | IV717-161-21  |
| 18 W  | LED 2400 lm 3000 K | 30°                 | 0,9  | ■      | IV717-161-52  |
| 26 W  | LED 3350 lm 3000 K | 30°                 | 0,9  | ■      | IV717-261-16  |
| 26 W  | LED 3350 lm 3000 K | 30°                 | 0,9  | □      | IV717-261-21  |
| 26 W  | LED 3350 lm 3000 K | 30°                 | 0,9  | ■      | IV717-261-52  |
| 19 W  | LED 2000 lm 3000 K | 38°                 | 0,6  | ■      | IV717-6613-16 |
| 19 W  | LED 2000 lm 3000 K | 38°                 | 0,6  | □      | IV717-6613-21 |
| 19 W  | LED 2000 lm 3000 K | 38°                 | 0,6  | ■      | IV717-6613-52 |



KYCLOS 70°



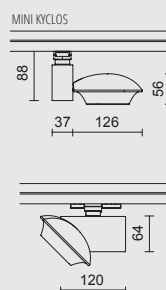
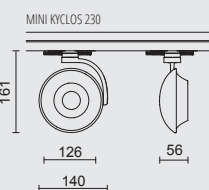
KYCLOS 28°

## AKCESORIA ACCESSORIES

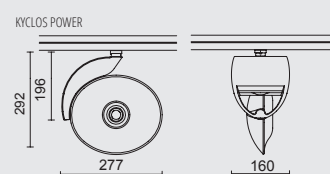
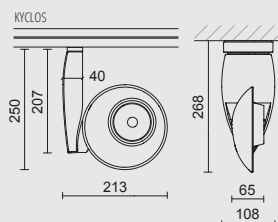
### Odbłyśniki Reflectors



| KOD<br>CODE  | 2000<br>lm | 2400<br>lm | 3350<br>lm | 4900<br>lm | 6400<br>lm | 9900<br>lm |
|--------------|------------|------------|------------|------------|------------|------------|
| IV28-3140-51 | 20°        | 17°        | 17°        | 17°        | 17°        | -          |
| IV28-3142-51 | -          | -          | -          | -          | -          | 35°        |
| IV28-3138-51 | 60°        | 55°        | 55°        | 55°        | 55°        | 60°        |
| IV28-3141-31 | 70°        | 70°        | 70°        | 70°        | 70°        | 70°        |



## WYMIARY DIMENSIONS



KYCLOS  
Wersja z podstawą do sufitu na zapytanie  
Version with base on request



## LATTE IP54 LED

**Wykonanie:** podstawa z tworzywa w kolorze białym. Klosz OPAL odporny na UV.

**Montaż:** nastropowy, naścienny

**Zasilanie:** 220 V - 240 V

**Materials:** base made of plastic in white colour. OPAL UV-proof diffuser.

**Installation:** ceiling mounted, wall mounted

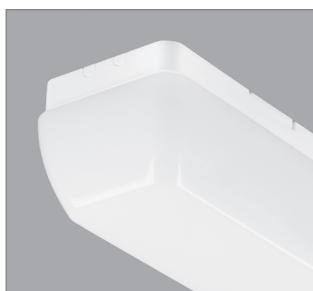
**Power supply:** 220 V - 240 V

# LATTE IP54 LED

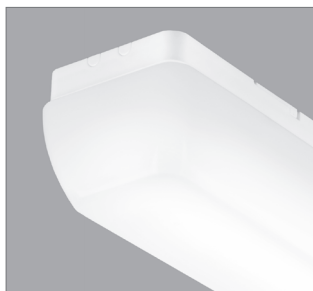


L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

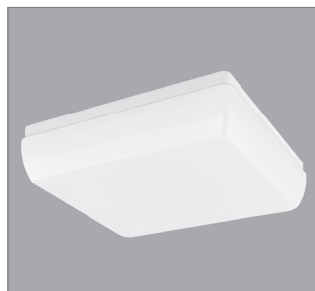
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 19 W  | LED 3000 K | 1870 lm                      | 98 lm/W                 | 1,70 | ☐      | PX1789029 |
| 19 W  | LED 4000 K | 1900 lm                      | 100 lm/W                | 1,70 | ☐      | PX1789036 |
| 24 W  | LED 3000 K | 2950 lm                      | 123 lm/W                | 2,00 | ☐      | PX1789001 |
| 24 W  | LED 4000 K | 3010 lm                      | 125 lm/W                | 2,00 | ☐      | PX1789008 |
| 46 W  | LED 3000 K | 5680 lm                      | 123 lm/W                | 2,60 | ☐      | PX1789015 |
| 46 W  | LED 4000 K | 5800 lm                      | 126 lm/W                | 2,60 | ☐      | PX1789022 |



LATTE IP54 LED wyłączona  
LATTE IP54 LED OFF



LATTE IP54 LED włączona  
LATTE IP54 LED ON



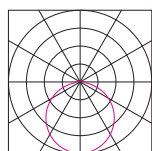
LATTE IP54 SQUARE LED  
LATTE IP54 SQUARE LED



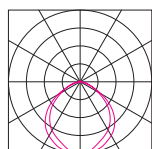
Łatwy montaż oraz system otwierania klosza  
Easy installation and diffuser dismantling system



Uszczelnienie oprawy  
Protection seals



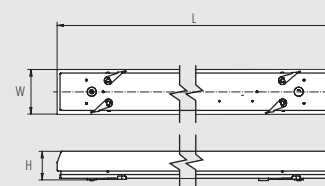
LATTE IP54 SQUARE LED



LATTE IP54 LED

## WYMIARY DIMENSIONS

|      | L    | W    | H    |
|------|------|------|------|
|      | [mm] | [mm] | [mm] |
| 19 W | 330  | 330  | 85   |
| 24 W | 1160 | 110  | 90   |
| 46 W | 1160 | 160  | 90   |





## LATTE LED

**Wykonanie:** podstawa z blachy stalowej malowanej elektrolitycznie w kolorze białym, klosz w wersji OPAL.

**Montaż:** nastrogowy

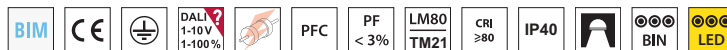
**Zasilanie:** 220 V - 240 V

**Materials:** powder painted, steel sheet body in white colour, OPAL diffuser.

**Installation:** ceiling mounted

**Power supply:** 220 V - 240 V

## LATTE LED

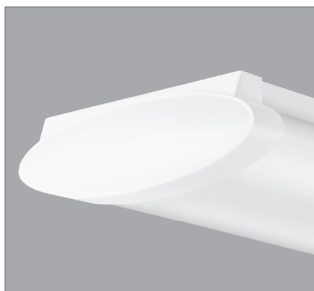


L80 B10 &gt;55 000h • SDCM 3 • LLMF 85% • CRI 84

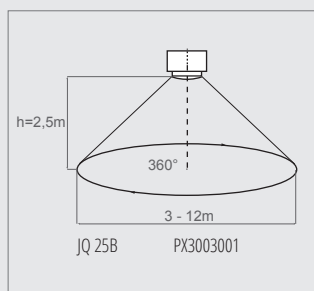
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 13 W  | LED 3000 K | 1810 lm                      | 139 lm/W                | 1.6  | ☐      | PX4090601 |
| 13 W  | LED 4000 K | 1870 lm                      | 144 lm/W                | 1.6  | ☐      | PX4090608 |
| 26 W  | LED 3000 K | 3640 lm                      | 140 lm/W                | 2.9  | ☐      | PX4090615 |
| 26 W  | LED 4000 K | 3750 lm                      | 144 lm/W                | 2.9  | ☐      | PX4090622 |
| 39 W  | LED 3000 K | 5450 lm                      | 140 lm/W                | 4.2  | ☐      | PX4090629 |
| 39 W  | LED 4000 K | 5620 lm                      | 144 lm/W                | 4.2  | ☐      | PX4090636 |



Klosz OPAL  
OPAL diffuser



Estetyczne bociki wykonane z tworzywa  
Aesthetic end caps made of plastic

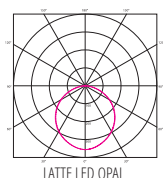


Czujnik ruchu - na zapytanie  
Motion sensor - on request

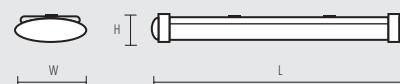
**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

#### WYMIARY DIMENSIONS

| MOC   | L    | W    | H    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 13 W  | 600  | 207  | 74   |
| 26 W  | 1100 | 207  | 74   |
| 39 W  | 1600 | 207  | 74   |



LATTE LED OPAL







## LATTE LED

**Wykonanie:** podstawa z blachy stalowej malowanej elektrostatycznie w kolorze białym, końcówki z poliwęglanu PC w kolorze białym, klosz OPAL.

**Montaż:** nastropowy

**Zasilanie:** 220 V - 240 V

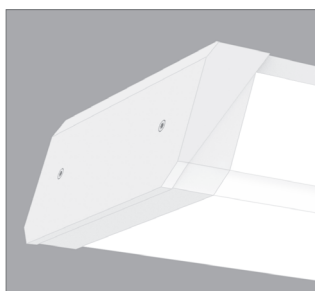
**Materials:** powder painted, steel sheet body in white colour, end caps made of white polycarbonate PC in white colour, OPAL diffuser.

**Installation:** ceiling mounted

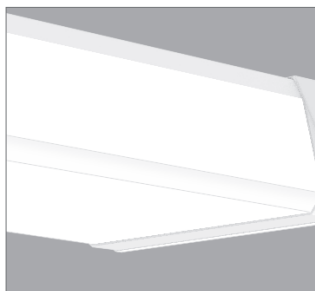
**Power supply:** 220 V - 240 V

# LATTE LED

NOWOŚĆ



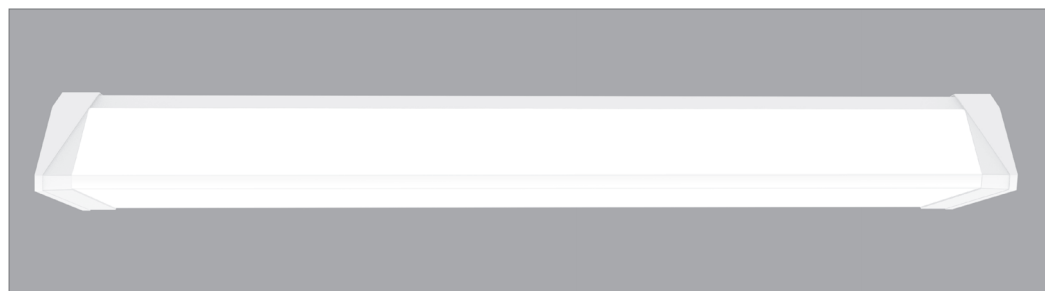
Końcówka z poliwęglanu  
End cap made of polycarbonate



Klosz OPAL  
OPAL diffuser



Końcówka i klosz  
End cap and diffuser



Widok z boku  
Side view



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

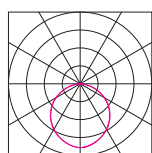
|                                        | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|----------------------------------------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
|                                        | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| NEW<br>NEW<br>NEW<br>NEW<br>NEW<br>NEW | 13 W  | LED 3000 K | 1820 lm                      | 140 lm/W                | 1,3  | □      | PX4090643 |
|                                        | 13 W  | LED 4000 K | 1870 lm                      | 144 lm/W                | 1,3  | □      | PX4090650 |
|                                        | 26 W  | LED 3000 K | 3640 lm                      | 140 lm/W                | 2,1  | □      | PX4090657 |
|                                        | 26 W  | LED 4000 K | 3750 lm                      | 144 lm/W                | 2,1  | □      | PX4090664 |
|                                        | 39 W  | LED 3000 K | 5450 lm                      | 140 lm/W                | 2,9  | □      | PX4090671 |
|                                        | 39 W  | LED 4000 K | 5620 lm                      | 144 lm/W                | 2,9  | □      | PX4090678 |
| NEW<br>NEW<br>NEW<br>NEW<br>NEW<br>NEW | 13 W  | LED 3000 K | 1820 lm                      | 140 lm/W                | 1,3  | □      | PX4090680 |
|                                        | 13 W  | LED 4000 K | 1870 lm                      | 144 lm/W                | 1,3  | □      | PX4090682 |
|                                        | 26 W  | LED 3000 K | 3640 lm                      | 140 lm/W                | 2,1  | □      | PX4090684 |
|                                        | 26 W  | LED 4000 K | 3750 lm                      | 144 lm/W                | 2,1  | □      | PX4090686 |
|                                        | 39 W  | LED 3000 K | 5450 lm                      | 140 lm/W                | 2,9  | □      | PX4090688 |
|                                        | 39 W  | LED 4000 K | 5620 lm                      | 144 lm/W                | 2,9  | □      | PX4090690 |

## AKCESORIA ACCESSORIES

Czujnik ruchu PX3003003 montowany w oprawie - na zapytanie  
Motion sensor PX3003003 - on request

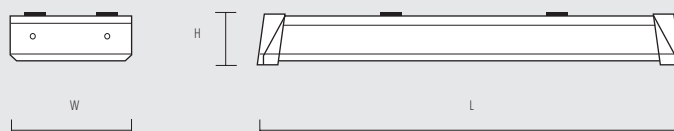
## WYMIARY DIMENSIONS

| MOC   | L    | W    | H    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 13 W  | 565  | 161  | 57   |
| 26 W  | 1060 | 161  | 57   |
| 39 W  | 1555 | 161  | 57   |



LATTE LED

BIM Do oprawy dostępne są modele BIM  
BIM files are available for this product





## LEDISK

**Wykonanie:** ring z aluminium malowany elektrostycznie na kolor biały, frezowana płyta z PMMA, zawieszenie elektryczne z profilu aluminiowego

**Montaż:** zwieszany (zawieszenia w komplecie)

**Zasilanie:** 220 V - 240 V

**Materials:** Aluminum ring electrostatically painted in white, milled PMMA plate, electric suspension in aluminum profile.

**Installation:** suspended (suspension included)

**Power supply:** 220 V - 240 V

## LEDISK



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | INFO | CODE      |
| 16 W  | LED 3000 K | 2190 lm                      | 137 lm/W                | 1,8  | <input type="checkbox"/> | OPAL | PX2065730 |
| 16 W  | LED 4000 K | 2230 lm                      | 139 lm/W                | 1,8  | <input type="checkbox"/> | OPAL | PX2065740 |

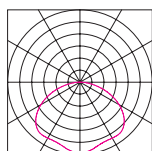
LEDISK z zawieszeniem  
LEDISK with suspensionWewnętrznie ryflowany kłoz OPAL  
Internally grooved OPAL diffuser

LEDISK charakteryzuje się unikatowym wykorzystaniem technologii obróbki tworzyw sztucznych użytej do formowania i przygotowywania płyty kształtującej rozsył strumienia świetlnego. Pozwala to uzyskać oryginalną stylistykę i niewielką grubość oprawy. Oprawa znajduje zastosowanie jako oświetlenie pomieszczeń reprezentacyjnych: holi, salonów, sali konferencyjnych i mieszkań.

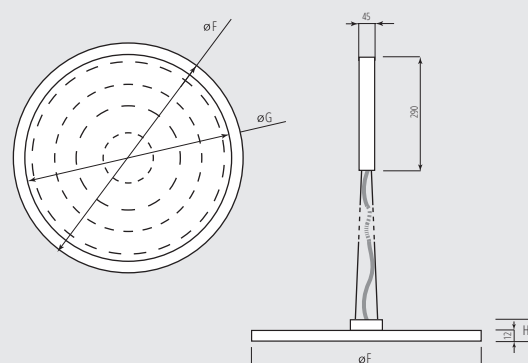
LEDISK is characterized by an unique plastic processing technology used for the preparation and molding of the diffusers used for forming of the light beam. This allows you to get the original style and small thickness of the frame. The luminaire can be used as a lighting of representative rooms: lobbies, lounges, conference rooms and apartments.

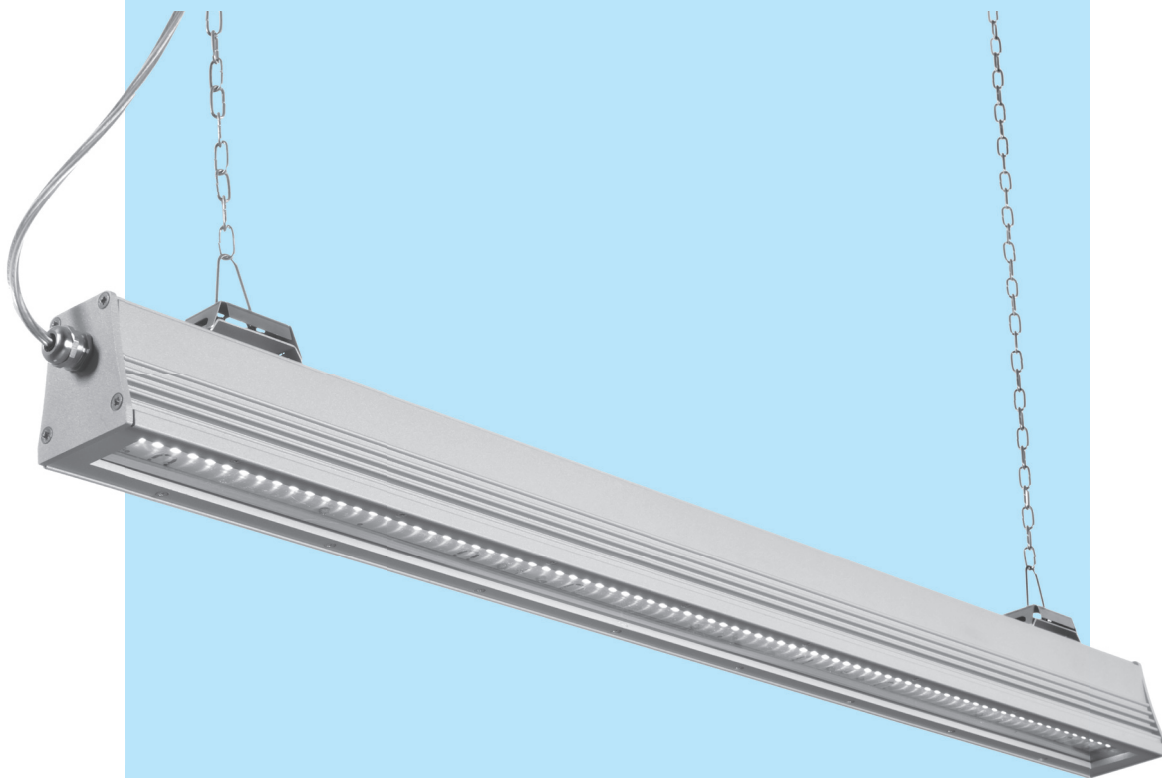
WYMIARY  
DIMENSIONS

| F    | G    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 309  | 283  | 25   |



LEDISK





## MATRIUS LED

**Wykonanie:** profil aluminiowy, przezroczysta płyta PC (IP65), szyba hartowana (IP54). Wersja FROSTED - układ optyczny z przesłoną szronioną, wersja CLEAR - układ optyczny z przesłoną przezroczystą

**Montaż:** zwieszany, nastropowy

**Akcesoria:** uchwyt do montażu naściennego (oprawa powinna być montowana powierzchnią świecącą w dół).

**Zasilanie:** 220 V - 240 V

**Materials:** aluminum profile, transparent PC plate (IP65), tempered glass (IP54). FROSTED version - optical system with frosted diffuser, CLEAR version - optical system with transparent diffuser.

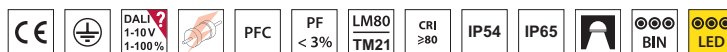
**Installation:** suspended, surface mounted

**Accessories:** brackets for wall mounting (to keep protection degree LED should point downwards).

**Power supply:** 220 V - 240 V



# MATRIUS LED

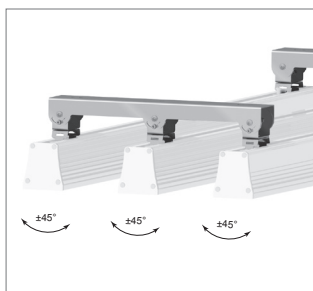


L80 B10 >50 000h • SDCM 3 • LLMF 85% • CRI 84

|                        | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                                                                                 | L    | W    | H    | KOD       |
|------------------------|-------|------------|------------------------------|-------------------------|------|---------------------------------------------------------------------------------------|------|------|------|-----------|
|                        | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                                                                                | [mm] | [mm] | [mm] | CODE      |
| IP54                   | 23 W  | LED 3000 K | 3300 lm                      | 143 lm/W                | 2,3  |    | 900  | 62   | 93   | PX4010152 |
|                        | 30 W  | LED 3000 K | 4410 lm                      | 147 lm/W                | 3,1  |    | 1200 | 62   | 93   | PX4010155 |
|                        | 37 W  | LED 3000 K | 5500 lm                      | 149 lm/W                | 3,8  |    | 1490 | 62   | 93   | PX4010166 |
|                        | 23 W  | LED 4000 K | 3380 lm                      | 147 lm/W                | 2,3  |    | 900  | 62   | 93   | PX4010101 |
|                        | 30 W  | LED 4000 K | 4500 lm                      | 150 lm/W                | 3,1  |    | 1200 | 62   | 93   | PX4010108 |
|                        | 37 W  | LED 4000 K | 5620 lm                      | 152 lm/W                | 3,8  |    | 1490 | 62   | 93   | PX4010115 |
| IP65                   | 23 W  | LED 3000 K | 2890 lm                      | 125 lm/W                | 2,3  |    | 900  | 62   | 93   | PX4010201 |
|                        | 30 W  | LED 3000 K | 3860 lm                      | 129 lm/W                | 3,1  |    | 1200 | 62   | 93   | PX4010207 |
|                        | 37 W  | LED 3000 K | 4820 lm                      | 130 lm/W                | 3,8  |    | 1490 | 62   | 93   | PX4010213 |
|                        | 23 W  | LED 4000 K | 2950 lm                      | 128 lm/W                | 2,3  |    | 900  | 62   | 93   | PX4010219 |
|                        | 30 W  | LED 4000 K | 3930 lm                      | 131 lm/W                | 3,1  |    | 1200 | 62   | 93   | PX4010225 |
|                        | 37 W  | LED 4000 K | 4920 lm                      | 133 lm/W                | 3,8  |    | 1490 | 62   | 93   | PX4010231 |
| CLEAR<br>IP65<br>40°   | 34 W  | LED 3000 K | 3740 lm                      | 110 lm/W                | 2,3  |    | 900  | 62   | 93   | PX4010321 |
|                        | 44 W  | LED 3000 K | 4980 lm                      | 113 lm/W                | 3,1  |    | 1200 | 62   | 93   | PX4010328 |
|                        | 53 W  | LED 3000 K | 6230 lm                      | 118 lm/W                | 3,8  |    | 1490 | 62   | 93   | PX4010335 |
|                        | 34 W  | LED 4000 K | 3850 lm                      | 113 lm/W                | 2,3  |    | 900  | 62   | 93   | PX4010342 |
|                        | 44 W  | LED 4000 K | 5140 lm                      | 117 lm/W                | 3,1  |  | 1200 | 62   | 93   | PX4010349 |
|                        | 53 W  | LED 4000 K | 6420 lm                      | 121 lm/W                | 3,8  |  | 1490 | 62   | 93   | PX4010356 |
| FROSTED<br>IP65<br>45° | 34 W  | LED 3000 K | 2950 lm                      | 87 lm/W                 | 2,3  |  | 900  | 62   | 93   | PX4010363 |
|                        | 44 W  | LED 3000 K | 3930 lm                      | 89 lm/W                 | 3,1  |  | 1200 | 62   | 93   | PX4010370 |
|                        | 53 W  | LED 3000 K | 4910 lm                      | 93 lm/W                 | 3,8  |  | 1490 | 62   | 93   | PX4010377 |
|                        | 34 W  | LED 4000 K | 3040 lm                      | 89 lm/W                 | 2,3  |  | 900  | 62   | 93   | PX4010384 |
|                        | 44 W  | LED 4000 K | 4050 lm                      | 92 lm/W                 | 3,1  |  | 1200 | 62   | 93   | PX4010391 |
|                        | 53 W  | LED 4000 K | 5070 lm                      | 96 lm/W                 | 3,8  |  | 1490 | 62   | 93   | PX4010398 |



MATRIUS LED - dławnica  
MATRIUS LED - gland



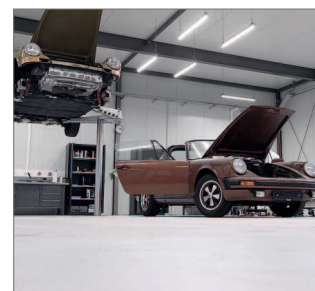
Uchwyt 3x do montażu 3 opraw  
Handle 3x for suspension of 3 luminaires



MATRIUS LED ON



MATRIUS LED - zawieszenie regulowane z blokadą  
MATRIUS LED - adjustable suspension with blockade



Oświetlenie serwisu samochodów zabytkowych Porsche  
Porsche Classic Cars - service

## AKCESORIA ACCESSORIES

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

Uchwyty do montażu  
naściennego  
Brackets for all mounting

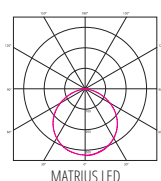
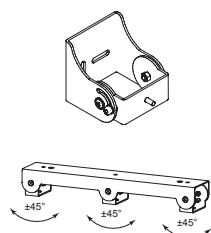
|      |   |           |                          |
|------|---|-----------|--------------------------|
| 0,10 | ■ | PX4010301 | Komplet 2szt. Set 2 pcs. |
|------|---|-----------|--------------------------|

Uchwyty 3x do montażu  
trzech opraw  
Handle 3x for suspension  
of 3 luminaires

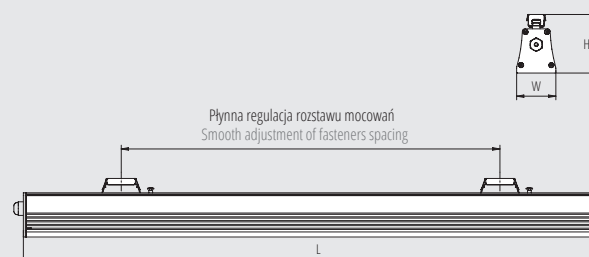
|      |   |           |                          |
|------|---|-----------|--------------------------|
| 0,20 | ■ | PX4010304 | Komplet 2szt. Set 2 pcs. |
|------|---|-----------|--------------------------|

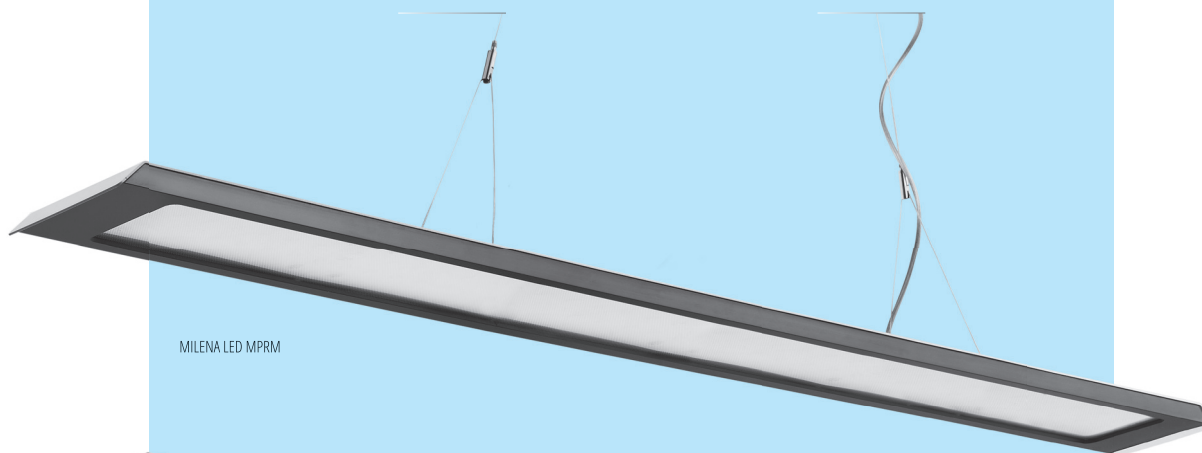
## WYMIARY DIMENSIONS

| MOC         | L    | W    | H    |
|-------------|------|------|------|
| POWER       | [mm] | [mm] | [mm] |
| 23 W / 34 W | 900  | 62   | 93   |
| 30 W / 44 W | 1200 | 62   | 93   |
| 37 W / 53 W | 1490 | 62   | 93   |

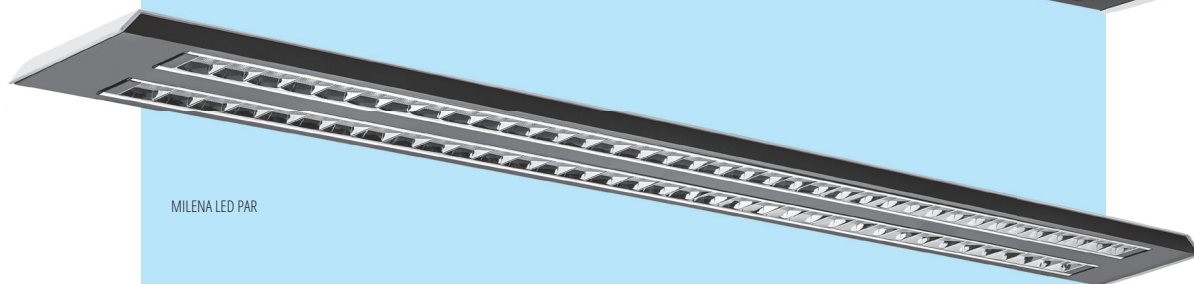


MATRIUS LED





MILENA LED MPRM



MILENA LED PAR



## MILENA LED

**Wykonanie:** profil aluminiowy lakierowany proszkowo na dwa kolory – czarny i szary, płyta mikropyzmatyczna (MPRM) lub raster PAR. Istnieje możliwość lakierowania na dowolny kolor z palety RAL.

**Montaż:** zwieszany (zawieszenia w komplecie)

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile in two colours: grey and black, microprismatic MPRM diffuser and PAR lower, possibility of painting in any colour from RAL palette

**Installation:** suspended (suspension included)

**Power supply:** 220 V - 240 V

# MILENA LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

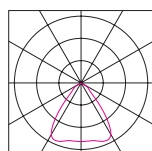


MILENA LED MPRM

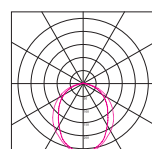


MILENA LED PAR

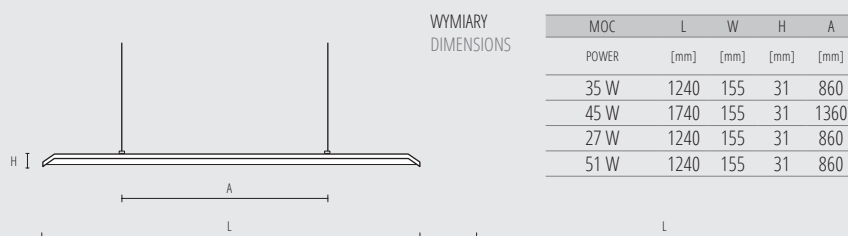
| MOC   | ŹRÓDŁO     | STRUMIEN<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO   | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO   | CODE      |
| 35 W  | LED 3000 K | 3590 lm                      | 103 lm/W                | 3,5  | ■      | MPRM   | PX4020101 |
| 35 W  | LED 4000 K | 3670 lm                      | 105 lm/W                | 3,5  | ■      | MPRM   | PX4020115 |
| 45 W  | LED 3000 K | 4690 lm                      | 104 lm/W                | 4,5  | ■      | MPRM   | PX4020108 |
| 45 W  | LED 4000 K | 4790 lm                      | 106 lm/W                | 4,5  | ■      | MPRM   | PX4020122 |
| 27 W  | LED 3000 K | 3410 lm                      | 126 lm/W                | 3,5  | ■      | 1x PAR | PX4020129 |
| 27 W  | LED 4000 K | 3490 lm                      | 129 lm/W                | 3,5  | ■      | 1x PAR | PX4020136 |
| 51 W  | LED 3000 K | 6820 lm                      | 134 lm/W                | 4,5  | ■      | 2x PAR | PX4020143 |
| 51 W  | LED 4000 K | 6970 lm                      | 137 lm/W                | 4,5  | ■      | 2x PAR | PX4020150 |



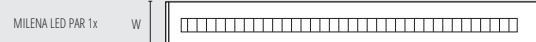
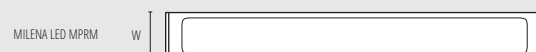
MILENA LED PAR

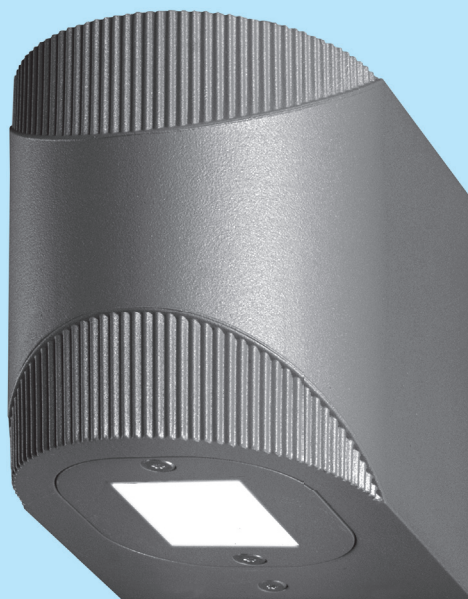


MILENA LED MPRM



**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product





## MINITEN

**Wykonanie:** korpus z aluminium odlewane ciśnieniowo, o podwyższonej odporności na środki chemiczne, korozję i opary kwasów. Łączniki gwintowane ze stali nierdzewnej. Szyba ochronna ze szkła hartowanego, odporna na temperatury oraz uszkodzenia mechaniczne. Uszczelki silikonowe.

**Montaż:** naścienny

**Zasilanie:** 220 V - 240 V

**Materials:** body in die-cast aluminum of increased resistance for chemicals, corrosion and acid fumes. Stainless steel screws. Shockproof and heat resistant tempered safety glass.

Silicone gaskets.

**Installation:** wall mounted

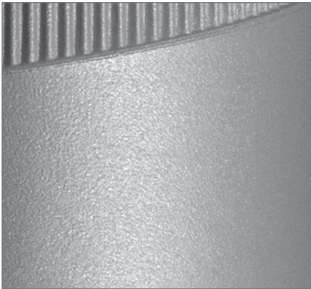
**Power supply:** 220 V - 240 V

# MINITEN

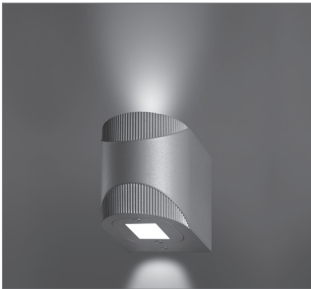


L80 B10 >50 000h • CRI 80

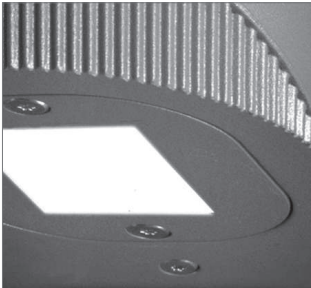
| MOC     | ŹRÓDŁO |        | KĄT ROŚYŁU          | [kg] | KOLOR  | KOD        |
|---------|--------|--------|---------------------|------|--------|------------|
| POWER   | LAMP   |        | ANGLE OF LIGHT BEAM | [kg] | COLOUR | CODE       |
| 2x3 W   | 2xLED  | 390 lm | 3000 K              | 60°  | 1,0    | IV10531243 |
| 2x1,5 W | 2xLED  | 100 lm | 3500 K              | 60°  | 1,0    | IV10231243 |



Korpus z odlewu aluminium  
Die-cast aluminium body

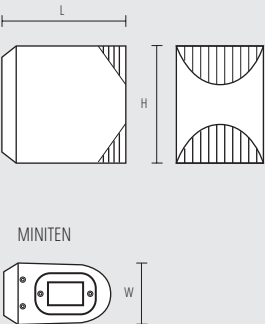
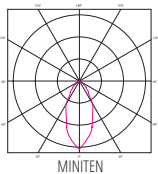


MINITEN

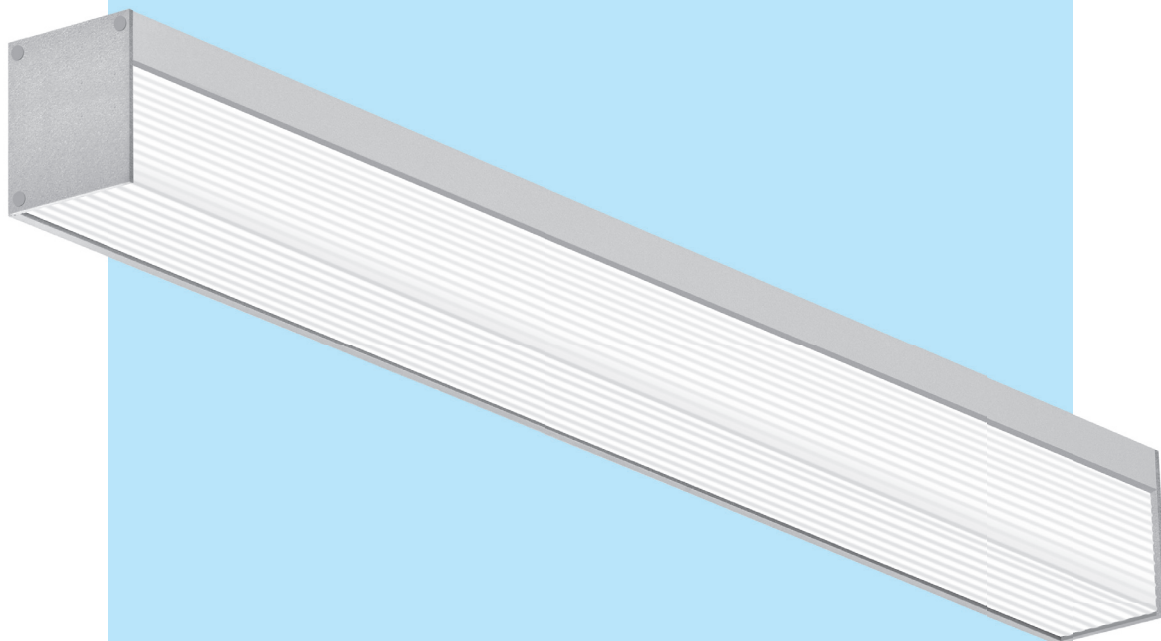


MINITEN

| WYMIARY<br>DIMENSIONS | L    | W    | H    |
|-----------------------|------|------|------|
|                       | [mm] | [mm] | [mm] |
| MINITEN               | 125  | 90   | 104  |







## MIRROR LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary). Klosz OPAL ryflowany od wewnątrz. Końcówki w komplecie.

**Montaż:** naścienny

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (gray colour as a standard). OPAL grooven inside diffuser.

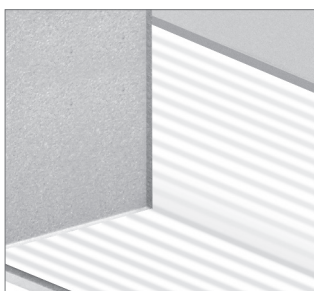
End caps in set.

**Installation:** wall mounted

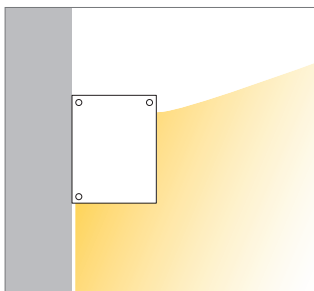
**Power supply:** 220 V - 240 V

# MIRROR LED

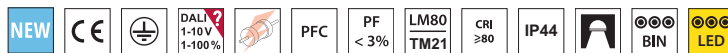
NOWOŚĆ



Klosz ryflowany  
Grooved diffuser



Montaż nad lustrem  
Installation

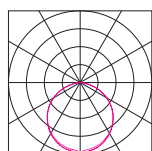


L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

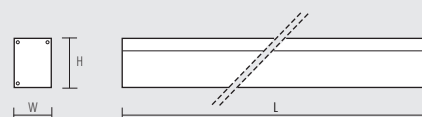
| MOC   | ŹRÓDŁO     | STRUMIEN<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 11 W  | LED 3000 K | 1350 lm                      | 123 lm/W                | 1,0  | OPAL | ■      | PX4451001 |
| 11 W  | LED 4000 K | 1390 lm                      | 126 lm/W                | 1,0  | OPAL | ■      | PX4451008 |
| 16 W  | LED 3000 K | 2020 lm                      | 126 lm/W                | 1,4  | OPAL | ■      | PX4451015 |
| 16 W  | LED 4000 K | 2090 lm                      | 131 lm/W                | 1,4  | OPAL | ■      | PX4451022 |
| 22 W  | LED 3000 K | 2700 lm                      | 123 lm/W                | 1,8  | OPAL | ■      | PX4451029 |
| 22 W  | LED 4000 K | 2780 lm                      | 126 lm/W                | 1,8  | OPAL | ■      | PX4451036 |

WYMIARY  
DIMENSIONS

| INFO | L    | W    | H    |
|------|------|------|------|
| INFO | [mm] | [mm] | [mm] |
| 11 W | 592  | 50   | 60   |
| 16 W | 882  | 50   | 60   |
| 22 W | 1172 | 50   | 60   |



MIRROR LED





## MODENA LED

### Wykonanie:

- wersja biała: podstawa i klosz z białego poliwęglanu PC ze stabilizacją UV chroniącą przed żółknięciem, wytrzymałość mechaniczna IK10
- wersja szara: podstawa szara, klosz z białego poliwęglanu PC ze stabilizacją UV chroniącą przed żółknięciem, wytrzymałość mechaniczna IK10

### Montaż:

nastropowy lub ścienny

### Akcesoria:

czujnik ruchu, wkręty wandaloodporne, klucz do wkrętów wandaloodpornych

### Zasilanie:

220 V - 240 V

### Materials:

- white version: body and diffuser made of polycarbonate (PC) in white colour with UV stabiliza-tion protecting against getting yellow, vandal-proof - IK10
- grey version: body in grey colour, diffuser made of polycarbonate (PC) in white colour with UV stabiliza-tion protecting against getting yellow, vandal-proof - IK10

### Installation:

surface or wall mounted

### Accessories:

motion sensor, vandal resistant screws, screwdriver

### Power supply:

220 V - 240 V

# MODENA LED



L80 B10 >51 000h • SDCM3 • LLMF 85% • CRI 84



Wersja biała  
White version



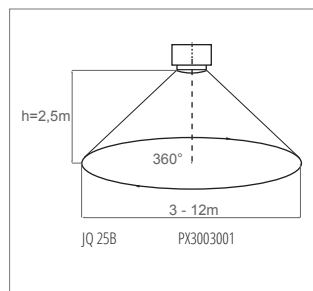
Wersja szara  
Grey version

| MOC   | ŹRÓDŁO     | STRUMIEN<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | MODUŁ<br>AWARYJNY   | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|---------------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | EMERGENCY<br>MODULE | CODE      |
| 17 W  | LED 3000 K | 2110 lm                      | 124 lm/W                | 1,80 | □      | OPAL | -                   | PX3000234 |
| 17 W  | LED 4000 K | 2140 lm                      | 126 lm/W                | 1,80 | □      | OPAL | -                   | PX3000241 |
| 17 W  | LED 3000 K | 2110 lm                      | 124 lm/W                | 1,80 | ■      | OPAL | -                   | PX3002234 |
| 17 W  | LED 4000 K | 2140 lm                      | 126 lm/W                | 1,80 | ■      | OPAL | -                   | PX3002241 |
| 25 W  | LED 3000 K | 3070 lm                      | 123 lm/W                | 2,00 | □      | OPAL | -                   | PX3000206 |
| 25 W  | LED 4000 K | 3130 lm                      | 125 lm/W                | 2,00 | □      | OPAL | -                   | PX3000213 |
| 25 W  | LED 3000 K | 3070 lm                      | 123 lm/W                | 2,55 | □      | OPAL | AW 3H               | PX3000220 |
| 25 W  | LED 4000 K | 3130 lm                      | 125 lm/W                | 2,55 | □      | OPAL | AW 3H               | PX3000227 |
| 25 W  | LED 3000 K | 3070 lm                      | 123 lm/W                | 2,00 | ■      | OPAL | -                   | PX3002206 |
| 25 W  | LED 4000 K | 3130 lm                      | 125 lm/W                | 2,00 | ■      | OPAL | -                   | PX3002213 |
| 25 W  | LED 3000 K | 3070 lm                      | 123 lm/W                | 2,55 | ■      | OPAL | AW 3H               | PX3002220 |
| 25 W  | LED 4000 K | 3130 lm                      | 125 lm/W                | 2,55 | ■      | OPAL | AW 3H               | PX3002227 |

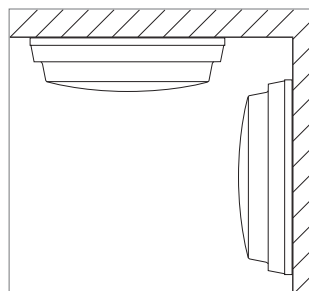
AW 3H - wersja z modułem awaryjnym 3h  
AW 3H - version with 3h emergency module



Wysoka odporność mechaniczna  
High mechanic resistance



Czujnik ruchu JQ 25B  
Motion sensor JQ 25B



Uniwersalny, łatwy montaż  
Versatile, easy installation

## AKCESORIA ACCESSORIES

KOD  
CODE

Czujnik ruchu  
Motion sensor

PX3003001

Zestaw wkrętów  
wandaloodpornych  
Set of vandal resistant screws

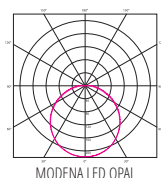
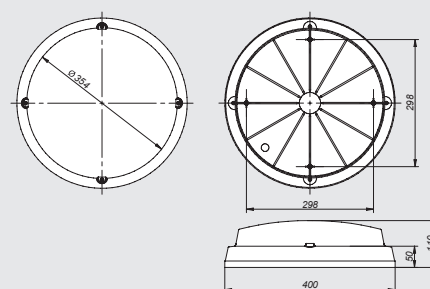
PX3003009

Klucz do wkrętów  
wandaloodpornych  
Screwdriver for  
vandal resistant screws

PX3003007

BIM Do oprawy dostępne są modele BIM  
BIM files are available for this product

## WYMIARY DIMENSIONS



MODENA LED OPAL



## MODENA MINI LED

### Wykonanie:

- wersja biała: podstawa i klosz z białego poliwęglanu PC ze stabilizacją UV chroniącą przed żółknięciem
- wersja szara: podstawa szara, klosz z białego poliwęglanu PC ze stabilizacją UV chroniącą przed żółknięciem

**Montaż:** nastropowy lub ścienny

**Akcesoria:** czujnik ruchu, moduł awaryjny

**Zasilanie:** 220 V - 240 V

### Materials:

- white version: base and diffuser made of white polycarbonate with UV stabilization which protects the luminaire against yellowing
- grey version: grey base, diffuser made of white polycarbonate with UV stabilization which protects the luminaire against yellowing

**Installation:** ceiling mounted, wall mounted

**Accessories:** motion sensor, emergency module

**Power supply:** 220 V - 240 V



# MODENA MINI LED



L80 B10 >54 000h • SDCM3 • LLMF 85% • CRI 84



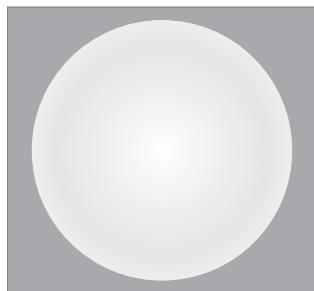
Biała podstawa  
White version



Szara podstawa  
Grey version



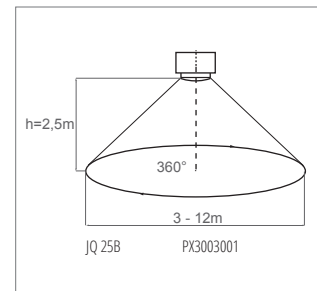
Wysoka szczelność oprawy  
High protection degree



Klosz optyczny  
Optical diffuser



Możliwość montażu modułu awaryjnego i czujnika ruchu  
Possibility of application of motion sensor or emergency module



Czujnik ruchu JQ 25B dostępny jako akcesorium  
Motion sensor JQ 25B available as an accessory

| MOC      | ŹRÓDŁO     | STRUMIEN OPRAWY           | SKUTECZNOŚĆ OPRAWY   | [kg] | KOLOR  | INFO | MODUŁ AWARYJNY   | KOD       |
|----------|------------|---------------------------|----------------------|------|--------|------|------------------|-----------|
| POWER    | LAMP       | LUMINAIRE'S LUMINOUS FLUX | LUMINAIRE'S EFFICACY | [kg] | COLOUR | INFO | EMERGENCY MODULE | CODE      |
| 10 W     | LED 3000 K | 1100 lm                   | 110 lm/W             | 1,0  | □      | OPAL | -                | PX3004060 |
| 10 W     | LED 4000 K | 1120 lm                   | 112 lm/W             | 1,0  | □      | OPAL | -                | PX3004063 |
| 10 W     | LED 3000 K | 1100 lm                   | 110 lm/W             | 1,0  | ■      | OPAL | -                | PX3005160 |
| 10 W     | LED 4000 K | 1120 lm                   | 112 lm/W             | 1,0  | ■      | OPAL | -                | PX3005163 |
| 17 W     | LED 3000 K | 2140 lm                   | 126 lm/W             | 1,3  | □      | OPAL | -                | PX3004064 |
| 17 W     | LED 4000 K | 2180 lm                   | 128 lm/W             | 1,3  | □      | OPAL | -                | PX3004071 |
| 17 W     | LED 3000 K | 2140 lm                   | 126 lm/W             | 2,0  | □      | OPAL | AW 3H            | PX3004078 |
| 17 W     | LED 4000 K | 2180 lm                   | 128 lm/W             | 2,0  | □      | OPAL | AW 3H            | PX3004085 |
| 17 W     | LED 3000 K | 2140 lm                   | 126 lm/W             | 1,3  | ■      | OPAL | -                | PX3005164 |
| 17 W     | LED 4000 K | 2180 lm                   | 128 lm/W             | 1,3  | ■      | OPAL | -                | PX3005171 |
| 17 W     | LED 3000 K | 2140 lm                   | 126 lm/W             | 2,0  | ■      | OPAL | AW 3H            | PX3005178 |
| 17 W     | LED 4000 K | 2180 lm                   | 128 lm/W             | 2,0  | ■      | OPAL | AW 3H            | PX3005185 |
| NEW 10 W | LED 3000 K | 1100 lm                   | 110 lm/W             | 1,0  | □      | OPAL | MS micro         | PX3004101 |
| NEW 10 W | LED 4000 K | 1120 lm                   | 112 lm/W             | 1,0  | □      | OPAL | MS micro         | PX3004108 |
| NEW 17 W | LED 3000 K | 2140 lm                   | 126 lm/W             | 1,3  | □      | OPAL | MS micro         | PX3004115 |
| NEW 17 W | LED 4000 K | 2180 lm                   | 128 lm/W             | 1,3  | □      | OPAL | MS micro         | PX3004122 |

AW 3H - wersja z modułem awaryjnym 3h  
AW 3H - version with 3h emergency module

MS micro - wbudowany czujnik ruchu: Hmax = 4,5m; Ømax = 7 m  
MS micro - integrated motion sensor: Hmax = 4,5m; Ømax = 7 m

## AKCESORIA ACCESSORIES

KOD  
CODE

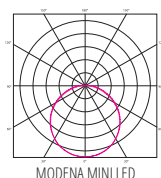
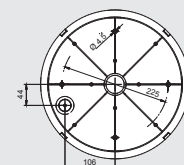
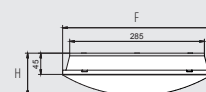
## Czujnik ruchu Motion sensor

PX3003001

Możliwość montażu czujnika ruchu tylko w wersji 17W  
Possibility of application of motion sensor only in version 17W

## WYMIARY DIMENSIONS

|             | L    | H    |
|-------------|------|------|
|             | [mm] | [mm] |
| MODENA MINI | 315  | 90   |



MODENA MINI LED

BIM Do oprawy dostępne są modele BIM  
BIM files are available for this product



## MODENA MINI LED PREMIUM

### Wykonanie:

- wersja biała: podstawa i klosz z białego poliwęglanu PC ze stabilizacją UV chroniącą przed żółknięciem
- wersja szara: podstawa szara, klosz z białego poliwęglanu PC ze stabilizacją UV chroniącą przed żółknięciem

**Montaż:** nastropowy lub ścienny

**Akcesoria:** czujnik ruchu, moduł awaryjny

**Zasilanie:** 220 V - 240 V

### Materials:

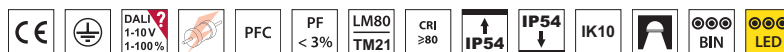
- white version: base and diffuser made of white polycarbonate with UV stabilization which protects the luminaire against yellowing
- grey version: grey base, diffuser made of white polycarbonate with UV stabilization which protects the luminaire against yellowing

**Installation:** ceiling mounted, wall mounted

**Accessories:** motion sensor, emergency module

**Power supply:** 220 V - 240 V

# MODENA MINI LED PREMIUM



L80 B10 >54 000h • SDCM3 • LLMF 84% • CRI 84



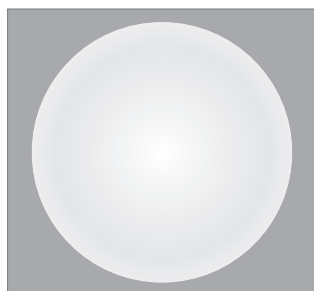
Biała podstawa  
White version



Szara podstawa  
Grey version



Wysoka szczelność oprawy  
High protection degree



Klosz optyczny  
Optical diffuser

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE      |
| 18 W  | LED 3000 K | 2070 lm                      | 115 lm/W                | 1,3  | □      | OPAL | PX3004092 |
| 18 W  | LED 4000 K | 2130 lm                      | 118 lm/W                | 1,3  | □      | OPAL | PX3004099 |
| 18 W  | LED 3000 K | 2070 lm                      | 115 lm/W                | 1,3  | ■      | OPAL | PX3005192 |
| 18 W  | LED 4000 K | 2130 lm                      | 118 lm/W                | 1,3  | ■      | OPAL | PX3005199 |

## AKCESORIA ACCESSORIES

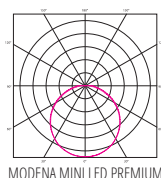
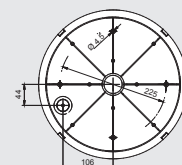
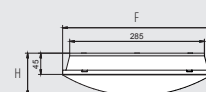
KOD  
CODE

Czujnik ruchu "mini"  
Motion sensor "mini"

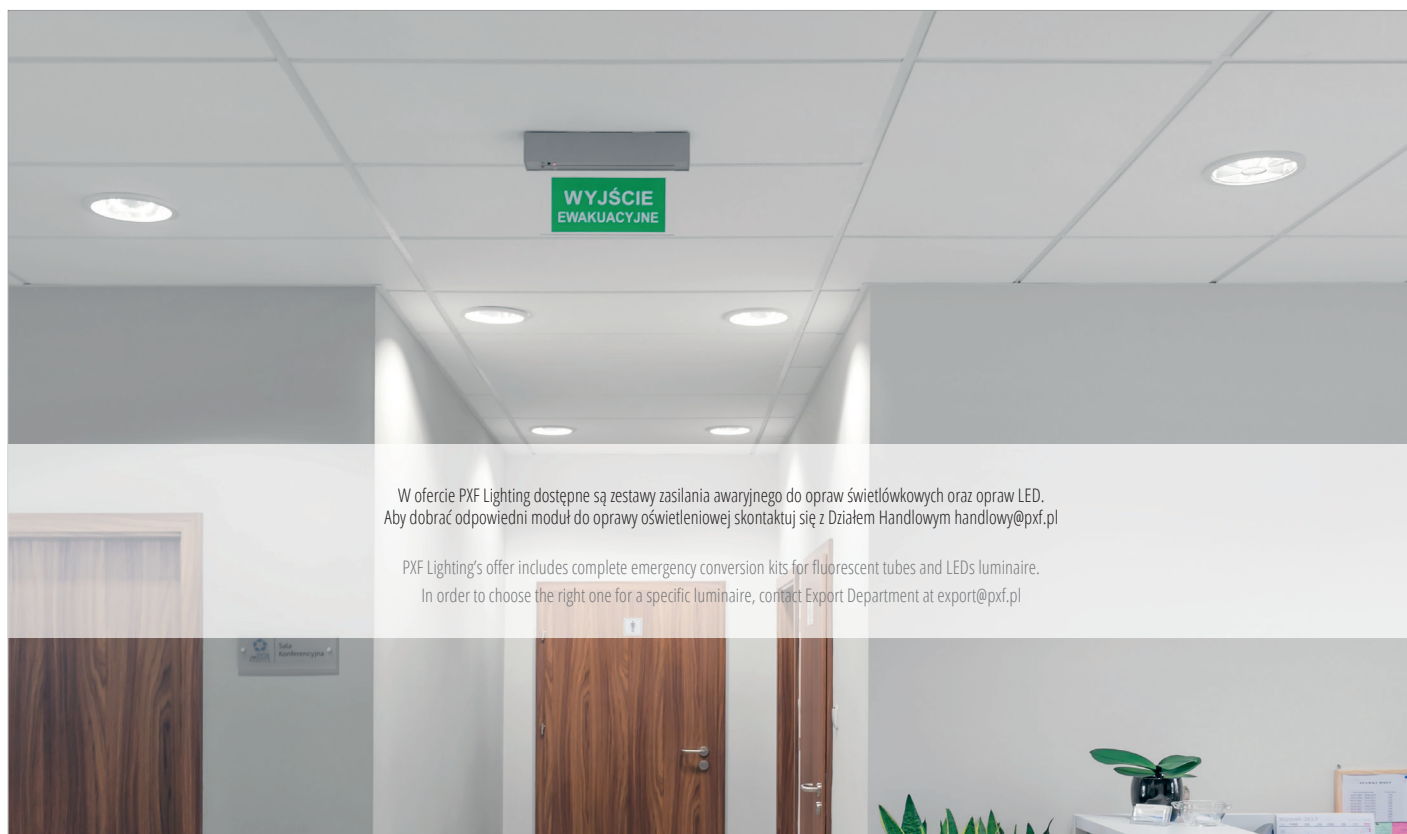
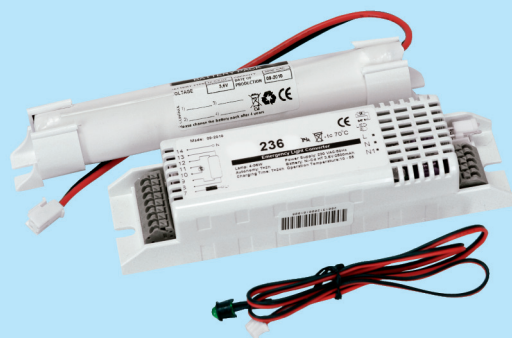
PX3003003

## WYMIARY DIMENSIONS

|             | L    | H    |
|-------------|------|------|
|             | [mm] | [mm] |
| MODENA MINI | 315  | 90   |



MODENA MINI LED PREMIUM

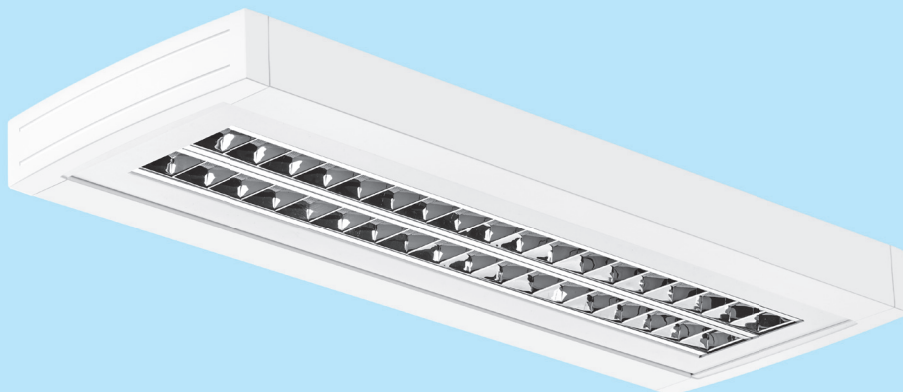


W ofercie PXF Lighting dostępne są zestawy zasilania awaryjnego do opraw świetłówkowych oraz opraw LED. Aby dobrać odpowiedni moduł do oprawy oświetleniowej skontaktuj się z Działem Handlowym [handlowy@pxf.pl](mailto:handlowy@pxf.pl)

PXF Lighting's offer includes complete emergency conversion kits for fluorescent tubes and LEDs luminaire. In order to choose the right one for a specific luminaire, contact Export Department at [export@pxf.pl](mailto:export@pxf.pl)

## MODUŁ AWARYJNY EMERGENCY MODULE





## MONZA II LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie na kolor biały. Boczki ze wzmocnionego poliwęglanu. Klosze mleczne OPAL lub mikropryzmatyczny MPRM z PMMA, raster PAR z anodyzowanego, polerowanego aluminium o wysokiej czystości

**Montaż:** nastropowy, zwieszany

**Akcesoria:** zawieszania Y (zwykłe i elektryczne)

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted body made of steel sheets and durable polycarbonate. OPAL and microprismatic diffusers made of PMMA, PAR louver made of anodized, polished aluminum of high purity

**Installation:** ceiling mounted, suspended

**Accessories:** suspensions type Y (simple, electric)

**Power supply:** 220 V - 240 V



## MONZA II LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



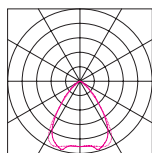
MONZA II LED OPAL



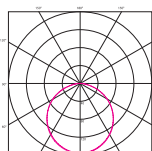
MONZA II LED PAR

Wersja szara dostępna na zapytanie  
Gray version available on request

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO         | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|--------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO         | CODE      |
| 27 W  | LED 3000 K | 3040 lm                      | 113 lm/W                | 2,8  | □      | OPAL         | PX2250115 |
| 27 W  | LED 4000 K | 3100 lm                      | 115 lm/W                | 2,8  | □      | OPAL         | PX2250122 |
| 27 W  | LED 3000 K | 3090 lm                      | 114 lm/W                | 2,8  | □      | MPRM         | PX2250227 |
| 27 W  | LED 4000 K | 3150 lm                      | 117 lm/W                | 2,8  | □      | MPRM         | PX2250234 |
| 35 W  | LED 3000 K | 4060 lm                      | 116 lm/W                | 3,9  | □      | OPAL         | PX2250129 |
| 35 W  | LED 4000 K | 4140 lm                      | 118 lm/W                | 3,9  | □      | OPAL         | PX2250136 |
| 35 W  | LED 3000 K | 4130 lm                      | 118 lm/W                | 3,9  | □      | MPRM         | PX2250241 |
| 35 W  | LED 4000 K | 4210 lm                      | 120 lm/W                | 3,9  | □      | MPRM         | PX2250248 |
| 42 W  | LED 3000 K | 5080 lm                      | 121 lm/W                | 4,3  | □      | OPAL         | PX2250143 |
| 42 W  | LED 4000 K | 5180 lm                      | 123 lm/W                | 4,3  | □      | OPAL         | PX2250150 |
| 42 W  | LED 3000 K | 5170 lm                      | 123 lm/W                | 4,3  | □      | MPRM         | PX2250255 |
| 42 W  | LED 4000 K | 5270 lm                      | 125 lm/W                | 4,3  | □      | MPRM         | PX2250262 |
| 27 W  | LED 3000 K | 3040 lm                      | 113 lm/W                | 3,5  | □      | OPAL + AW 3H | PX2250515 |
| 27 W  | LED 4000 K | 3100 lm                      | 115 lm/W                | 3,5  | □      | OPAL + AW 3H | PX2250522 |
| 27 W  | LED 3000 K | 3090 lm                      | 114 lm/W                | 3,5  | □      | MPRM + AW 3H | PX2250627 |
| 27 W  | LED 4000 K | 3150 lm                      | 117 lm/W                | 3,5  | □      | MPRM + AW 3H | PX2250634 |
| 35 W  | LED 3000 K | 4060 lm                      | 116 lm/W                | 4,6  | □      | OPAL + AW 3H | PX2250529 |
| 35 W  | LED 4000 K | 4140 lm                      | 118 lm/W                | 4,6  | □      | OPAL + AW 3H | PX2250536 |
| 35 W  | LED 3000 K | 4130 lm                      | 118 lm/W                | 4,6  | □      | MPRM + AW 3H | PX2250641 |
| 35 W  | LED 4000 K | 4210 lm                      | 120 lm/W                | 4,6  | □      | MPRM + AW 3H | PX2250648 |
| 42 W  | LED 3000 K | 5080 lm                      | 121 lm/W                | 5    | □      | OPAL + AW 3H | PX2250543 |
| 42 W  | LED 4000 K | 5180 lm                      | 123 lm/W                | 5    | □      | OPAL + AW 3H | PX2250550 |
| 42 W  | LED 3000 K | 5170 lm                      | 123 lm/W                | 5    | □      | MPRM + AW 3H | PX2250655 |
| 42 W  | LED 4000 K | 5270 lm                      | 125 lm/W                | 5    | □      | MPRM + AW 3H | PX2250662 |
| 15 W  | LED 3000 K | 1630 lm                      | 114 lm/W                | 2,8  | □      | PAR LITE     | PX2260001 |
| 15 W  | LED 4000 K | 1660 lm                      | 116 lm/W                | 2,8  | □      | PAR LITE     | PX2260008 |
| 28 W  | LED 3000 K | 3260 lm                      | 116 lm/W                | 5,3  | □      | PAR LITE     | PX2260015 |
| 28 W  | LED 4000 K | 3320 lm                      | 118 lm/W                | 5,3  | □      | PAR LITE     | PX2260022 |
| 27 W  | LED 3000 K | 3410 lm                      | 126 lm/W                | 2,8  | □      | PAR          | PX2260023 |
| 27 W  | LED 4000 K | 3490 lm                      | 129 lm/W                | 2,8  | □      | PAR          | PX2260024 |
| 51 W  | LED 3000 K | 6830 lm                      | 134 lm/W                | 5,3  | □      | PAR          | PX2260025 |
| 51 W  | LED 4000 K | 6980 lm                      | 137 lm/W                | 5,3  | □      | PAR          | PX2260026 |



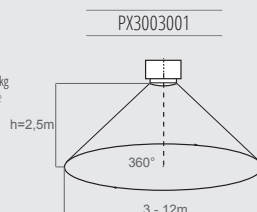
MONZA II PAR LED



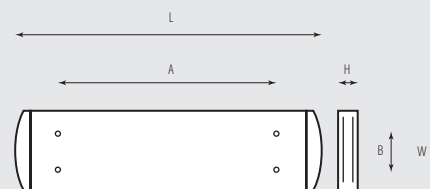
MONZA II OPAL LED

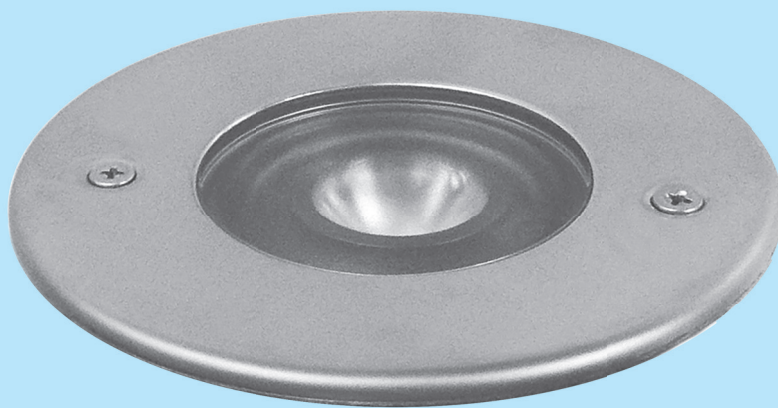
AKCESORIA  
ACCESSORIESZawieszenie zwykłe typu Y  
Simple suspension type YZawieszenie elektryczne typu Y  
Electric suspension type Y

| [kg] | KOLOR  | KOD       | INFO |
|------|--------|-----------|------|
| [kg] | COLOUR | CODE      | INFO |
| 0,10 | INOX   | PX0922112 | *    |
| 0,20 | ■      | PX0922043 | *    |
| 0,20 | □      | PX0922054 | *    |
| 0,20 | ■      | PX0922058 | *    |

Standardowa długość zwieszki maksymalnie 1,5m  
Standard length of suspension maximum 1,5mCzujka ruchu JQ 25B  
Motion sensor JQ 25BWersja z czujką ruchu  
- długość oprawy wzrasta o 70 mm i waga o 0,4 kg  
Version with motion sensor - length of luminaire  
increase by 70 mm and weight by 0,4 kgWYMIARY  
DIMENSIONS

|               |      |      |      | NASTROPOWY<br>CEILING MOUNTED |      | ZWIESZANY<br>SUSPENDED |      |
|---------------|------|------|------|-------------------------------|------|------------------------|------|
| MOC           | L    | W    | H    | A                             | B    | A                      | B    |
| POWER         | [mm] | [mm] | [mm] | [mm]                          | [mm] | [mm]                   | [mm] |
| 27 W          | 830  | 223  | 50   | 414                           | 100  | 580                    | 100  |
| 35 W          | 1080 | 223  | 50   | 900                           | 100  | 830                    | 100  |
| 42 W          | 1330 | 223  | 50   | 900                           | 100  | 1080                   | 100  |
| 15 W PAR LITE | 640  | 223  | 50   | 414                           | 100  | 484                    | 100  |
| 27 W PAR      | 640  | 223  | 50   | 414                           | 100  | 484                    | 100  |
| 28 W PAR LITE | 1180 | 223  | 50   | 900                           | 100  | 830                    | 100  |
| 51 W PAR      | 1180 | 223  | 50   | 900                           | 100  | 830                    | 100  |





## NAUTO 230 LED

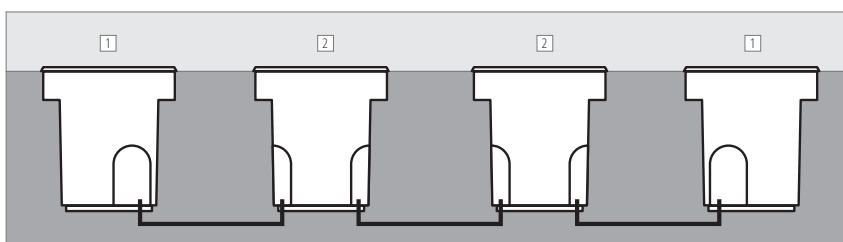


L80 B10 &gt;50 000h • CRI 80

| MOC                  | ŹRÓDŁO | [kg]             | KOLOR  | KĄT ROZSYŁU         | INFO   | KOD       |
|----------------------|--------|------------------|--------|---------------------|--------|-----------|
| POWER                | LAMP   | [kg]             | COLOUR | ANGLE OF LIGHT BEAM | INFO   | CODE      |
| KLOSZ PRZECZYSTY     | 4,3 W  | LED 430 lm 3000K | 0,35   | 20°                 | [1] *  | IV1557100 |
| TRANSPARENT DIFFUSER | 4,3 W  | LED 430 lm 3000K | 0,35   | 20°                 | [2] ** | IV1557200 |
| KLOSZ OPAL           | 4,3 W  | LED 430 lm 3000K | 0,35   | 110°                | [1] *  | IV1558100 |
| OPAL DIFFUSER        | 4,3 W  | LED 430 lm 3000K | 0,35   | 110°                | [2] ** | IV1558200 |

[1] \* Jednoprzewodowa  
\* Single line

[2] \*\* Dwuprzewodowa  
\*\* Double line



## NAUTO 230 LED

**Wykonanie:** pierścien ze stali nierdzewnej, klosz przezroczysty lub OPAL, odbłyśnik 20° lub 110°, w komplecie puszką montażową z 1 lub 2 dławnikami i 5 m przewodu.

**Montaż:** w podłożu

**Akcesoria:** kwadratowy pierścien ze stali nierdzewnej

**Zasilanie:** 220 V - 240 V

**Materials:** Stainless steel frame, transparent or OPAL diffuser, reflector 20° or 110°, recessed housing with one or two cable glands and 5 meters supply cable in set.

**Installation:** recessed

**Accessories:** stainless steel square frame

**Power supply:** 220 V - 240 V

AKCESORIA  
ACCESSORIES

Ramka kwadratowa  
ze stali nierdzewnej  
Stainless steel square frame

Przewód 10mb H05RN-F  
Cable 10mt H05RN-F

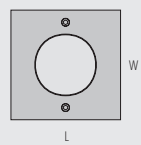
Złącze kablowe IP68  
IP68 rated cable connector

| KOD  | INFO |
|------|------|
| CODE | [mm] |

IV28-0219-79 L = 88; W = 88

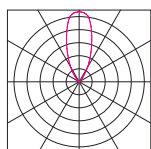
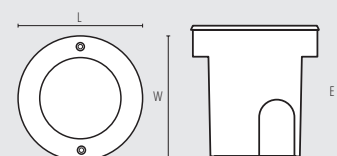
IV160821 2 x 0,75 mm<sup>2</sup>

IV84108

WYMIARY  
DIMENSIONS

| L    | W    | E    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 88   | 88   | 96   |

1000  
kg



NAUTO 230 LED

# OPRAWY ŚWIETŁÓWKOWE

## LUMINAIRES FOR FLUORESCENT LAMP

PL

W ofercie PXF Lighting dostępne są oprawy oświetleniowe na tradycyjne źródła światła. W stałej sprzedaży posiadamy produkty do oświetlenia wnętrz oraz otoczenia budynków zaprojektowane pod świetłówki liniowe, świetłówki kompaktowe, źródła metalohalogenkowe i sodowe.

Pomimo stale rosnącego wykorzystania nowoczesnych źródeł LED oprawy na źródła tradycyjne wciąż cieszą się zainteresowaniem. Wychodząc naprzeciw oczekiwaniom klientów nie zrezygnowaliśmy z produkcji tego typu opraw oświetleniowych.

Aktualną ofertę znajdą Państwo na stronie: [www.pxf.pl](http://www.pxf.pl)

ENG

PXF Lighting's offer includes luminaires with conventional light sources. We sell products for indoor lighting and outdoor and buildings' surroundings illumination designed for linear and compact fluorescents bulbs, metal-halide and sodium lamps.

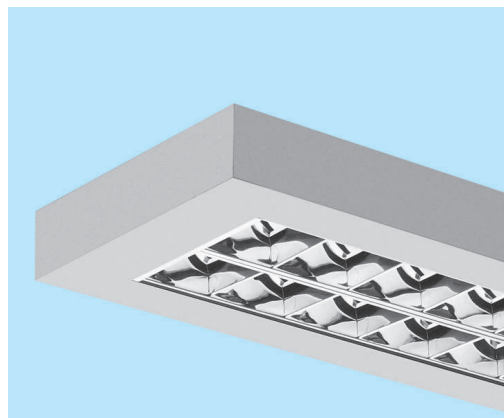
Current offer can be reviewed on our website: [www.pxf.pl](http://www.pxf.pl)

## OPRAWY SYSTEMOWE

### LIGHTING SYSTEMS

VIP  
VIP OVERLAPPING  
VIP G/K  
VIP OVERLAPPING G/K  
VIP DOUBLE  
VIP IP44  
VIP G/K IP44  
VIP MINI  
VIP MINI KINKIET  
VIP KINKIET  
VIP KINKIET IP44  
TRACK  
TRACK SPOT  
TRACK SQUARE

TRACK KINKIET  
TRACK KINKIET UP  
POP II PÓŁKA  
POP II ZWIESZANY  
POP II NT  
PRESTO  
PRESTO NT  
PRESTO AS  
VEGA  
VEGA T5  
BETA T5  
BETA  
EKOS  
VELO



## OPRAWY TYPU DOWNLIGHT

### DOWNLIGHT

BARI DL  
BARI IP65 DL  
BARI IP65 DLN

BARI DLK  
BARI DLK NT

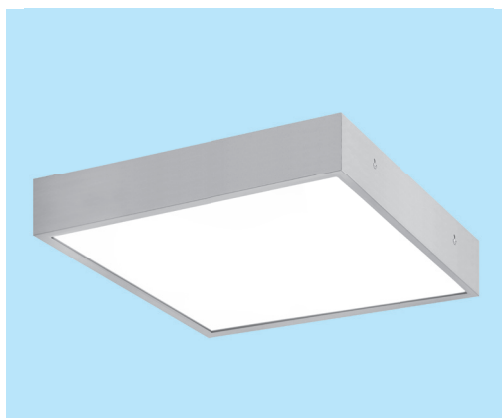


## PLAFONIERY

### PLAFONDS

MODENA MINI  
MODENA  
FINESTRA

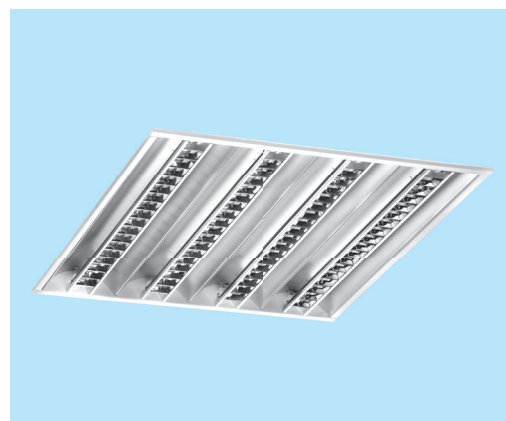
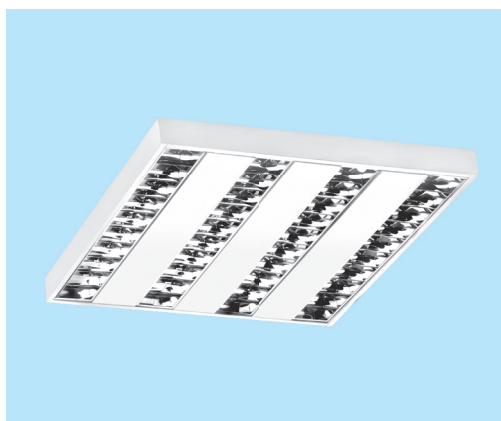
FINESTRA INOX  
FINESTRA RING  
QUADRO



## OPRAWY WNĘTRZOWE KASETONOWE *COFFER INDOOR LUMINAIRES*

QUAZAR  
QUASET  
LINEA  
TAURI  
CIRCLE  
SQUARE  
CAPRI T5  
MONZA II T5  
MONZA  
MONZA AS

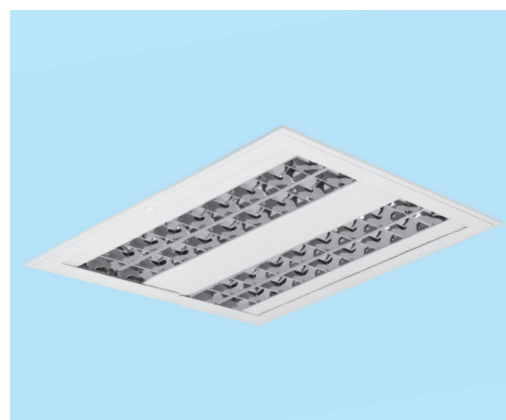
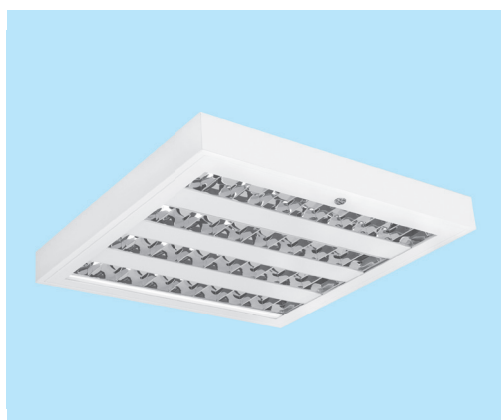
TORINO II T5  
TORINO  
TORINO AS  
ROMA  
ROMA T5  
PISA  
PISA AS  
IMOLA 600X600  
IMOLA G/K  
IMOLA NT



## OPRAWY SZCZELNE *CLEAN ROOM LUMINAIRES*

TORINO II T5 IP65  
TORINO IP65  
ROMA II T5 IP65  
ROMA IP65

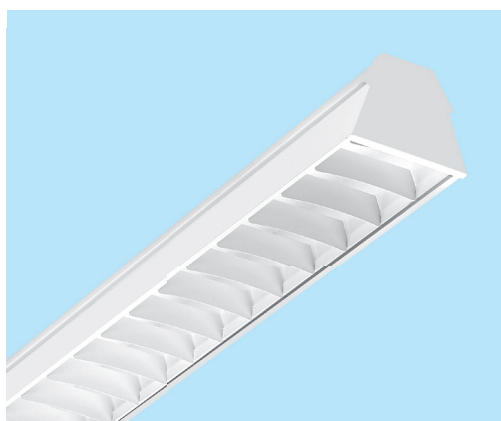
QUASET IP54  
PISA IP65  
IMOLA IP65  
LATTE IP54



## OPRAWY PRZEMYSŁOWE *INDUSTRIAL LUMINAIRES*

POKER LS NEW  
POKER LS II  
POKER T5 / POKER T8  
FIBRA III  
PRIMA EX  
FLASH

ALFA  
EGO  
EASY  
EASY DECO  
QUATOR  
TORINO SPORT

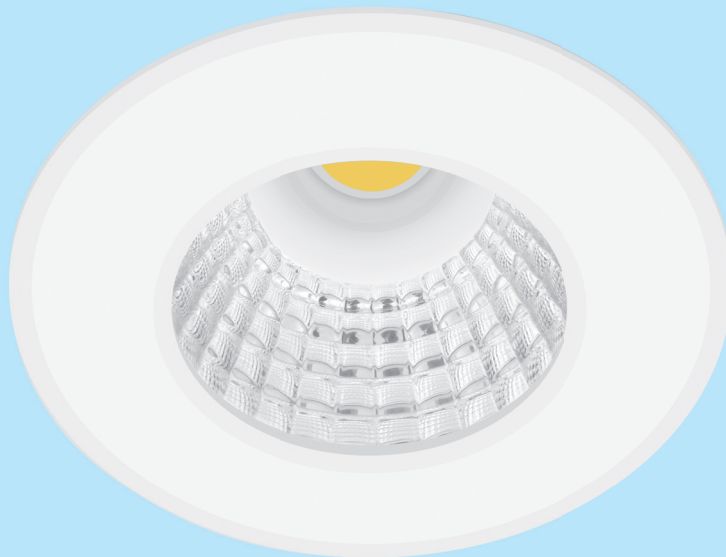


## NAŚWIETLACZE *FLOODLIGHTS*

STYLE  
EVOLUTION  
COSMO

CONTINENTAL  
SOUL  
AVANTGARDE PRO





# OS II LED

NOWOŚĆ



L80 B20 > 50 000h • SDCM3 • LLMF 80% • CRI 80

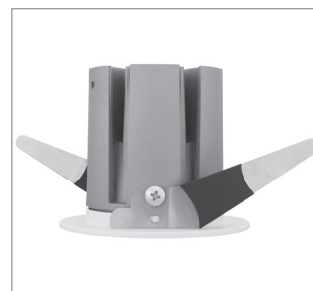
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KĄT<br>ROZSYŁU | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|----------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | LIGHT<br>BEAM  | CODE      |
| 14 W  | LED 4000 K | 1240 lm                      | 89 lm/W                 | 0,5  | □      | 40°            | PX0864129 |



Pierścień z aluminium, odbłyśnik z aluminium  
Ring and reflector made of aluminium



Szyba hartowana SH, moduł LED COB  
SH tempered glass, LED COB



Radiator i uchwyty montażowe  
Radiator and mounting brackets

# OS II LED

**Wykonanie:** pierścień aluminiowy malowany elektrostatycznie w kolorze białym, odbłyśnik z aluminium, przezroczysta szyba hartowana. Współczynnik IP65 umożliwia instalację na zewnątrz budynków oraz w pomieszczeniach wilgotnych.

**Montaż:** do sufitów podwieszanych

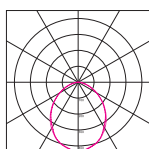
**Zasilanie:** 220 V - 240 V

**Materials:** ring of powder painted aluminum in white colour. Aluminium reflector, transparent tempered glass.

LED spotlights with IP65, designed for accent lighting outside the buildings and in humid rooms.

**Installation:** into suspended ceiling

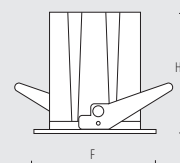
**Power supply:** 220 V - 240 V



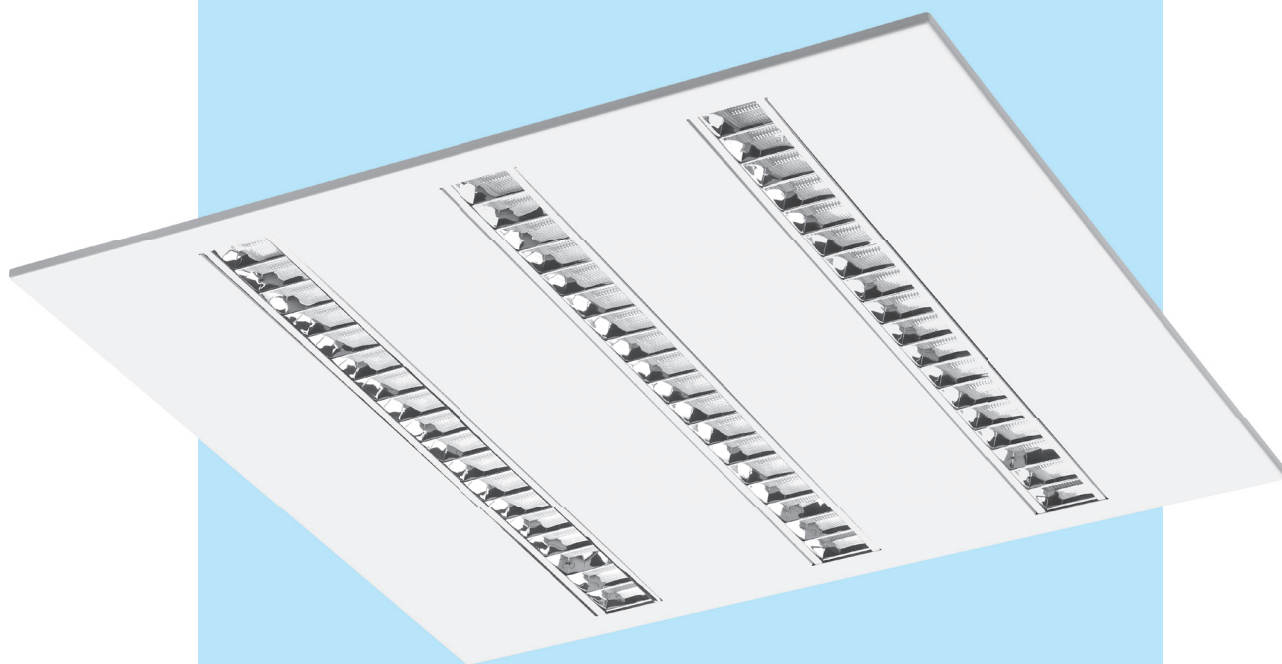
OS II LED

WYMIARY  
DIMENSIONS

| F    | H    |
|------|------|
| [mm] | [mm] |
| 90   | 90   |







## PARABOLIC LED

**Wykonanie:** budowa z blachy stalowej malowanej elektrostatycznie w kolorze białym, raster paraboliczny z aluminium anodyzowanego polerowanego wysokiej czystości, moduł LED z dodatkową przesłoną mikropryzmatyczną.

Innowacyjny układ optyczny sprawia, że oprawa znajduje zastosowanie w oświetleniu powierzchni do pracy przy komputerach.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej oraz G/K, nastropowy, zwieszany

**Akcesoria:** zawieszania (zwykłe, elektryczne), ramka G/K do wersji 600x600

**Zasilanie:** 220 V - 240 V

**Materials:** white housing made of electrostatically painted steel, parabolic louver made of anodized, polished aluminum of high purity, LED module with additional micro prismatic diffusor. Parabolic LED thanks to the innovative optical system is ideal for lighting office spacer, in particular to work with computers.

**Installation:** 600x600 suspended ceilings with visible supporting structure or into plaster-cardboard ceiling, surface mounted, suspended

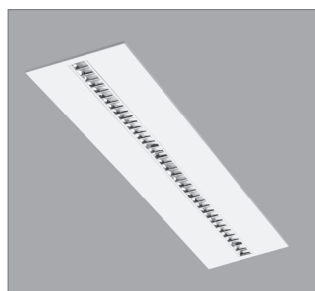
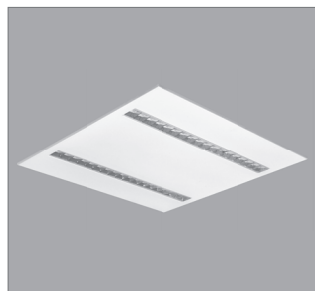
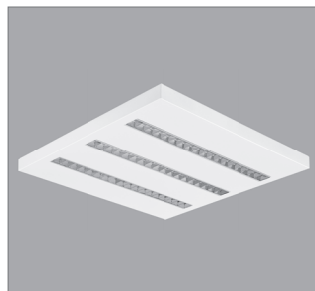
**Accessories:** suspension (regular, electric), plaster-cardboard frame to 600x600 version

**Power supply:** 220 V - 240 V

## PARABOLIC LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

Wersja 1x do sufitów podwieszanych  
Version 1x for modular ceilingWersja 2x do sufitów podwieszanych  
Version 2x for modular ceilingWersja NT 3x do montażu nastropowego  
Version NT 3x for surface mounted

## PARABOLIC LED

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO            | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO            | CODE      |
| 40 W  | LED 3000 K | 4880 lm                      | 122 lm/W                | 5,0  | □      | 3x 600x600      | PX2070101 |
| 40 W  | LED 4000 K | 4980 lm                      | 124 lm/W                | 5,0  | □      | 3x 600x600      | PX2070108 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 4,7  | □      | 2x 600x600      | PX2070124 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 4,7  | □      | 2x 600x600      | PX2070126 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 4,7  | □      | 1x 300x1200     | PX2070115 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 4,7  | □      | 1x 300x1200     | PX2070122 |
| 40 W  | LED 3000 K | 4880 lm                      | 122 lm/W                | 6,5  | □      | 3x NT 600x600   | PX2070129 |
| 40 W  | LED 4000 K | 4980 lm                      | 124 lm/W                | 6,5  | □      | 3x NT 600x600   | PX2070136 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 6,2  | □      | 2x NT 600x600   | PX2070157 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 6,2  | □      | 2x NT 600x600   | PX2070164 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 6,2  | □      | 1x NT 300x1200  | PX2070143 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 6,2  | □      | 1x NT 300x1200  | PX2070150 |
| 40 W  | LED 3000 K | 4880 lm                      | 122 lm/W                | 6,4  | □      | 3x G/K 600x600  | PX2070711 |
| 40 W  | LED 4000 K | 4980 lm                      | 124 lm/W                | 6,4  | □      | 3x G/K 600x600  | PX2070718 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 6,1  | □      | 2x G/K 600x600  | PX2070739 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 6,1  | □      | 2x G/K 600x600  | PX2070746 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 5,5  | □      | 1x G/K 300x1200 | PX2070725 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 5,5  | □      | 1x G/K 300x1200 | PX2070732 |
| 42 W  | LED 3000 K | 4660 lm                      | 110 lm/W                | 5,0  | □      | 3x 600x600      | PX2070501 |
| 42 W  | LED 4000 K | 4750 lm                      | 113 lm/W                | 5,0  | □      | 3x 600x600      | PX2070508 |
| 28 W  | LED 3000 K | 3100 lm                      | 110 lm/W                | 4,7  | □      | 2x 600x600      | PX2070529 |
| 28 W  | LED 4000 K | 3160 lm                      | 112 lm/W                | 4,7  | □      | 2x 600x600      | PX2070536 |
| 28 W  | LED 3000 K | 3100 lm                      | 110 lm/W                | 4,7  | □      | 1x 300x1200     | PX2070515 |
| 28 W  | LED 4000 K | 3160 lm                      | 112 lm/W                | 4,7  | □      | 1x 300x1200     | PX2070522 |
| 42 W  | LED 3000 K | 4660 lm                      | 110 lm/W                | 6,5  | □      | 3x NT 600x600   | PX2070543 |
| 42 W  | LED 4000 K | 4750 lm                      | 113 lm/W                | 6,5  | □      | 3x NT 600x600   | PX2070550 |
| 28 W  | LED 3000 K | 3100 lm                      | 110 lm/W                | 6,2  | □      | 2x NT 600x600   | PX2070571 |
| 28 W  | LED 4000 K | 3160 lm                      | 112 lm/W                | 6,2  | □      | 2x NT 600x600   | PX2070578 |
| 28 W  | LED 3000 K | 3100 lm                      | 110 lm/W                | 6,2  | □      | 1x NT 300x1200  | PX2070557 |
| 28 W  | LED 4000 K | 3160 lm                      | 112 lm/W                | 6,2  | □      | 1x NT 300x1200  | PX2070564 |
| 42 W  | LED 3000 K | 4660 lm                      | 110 lm/W                | 6,4  | □      | 3x G/K 600x600  | PX2070801 |
| 42 W  | LED 4000 K | 4750 lm                      | 113 lm/W                | 6,4  | □      | 3x G/K 600x600  | PX2070808 |
| 28 W  | LED 3000 K | 3100 lm                      | 110 lm/W                | 6,1  | □      | 2x G/K 600x600  | PX2070829 |
| 28 W  | LED 4000 K | 3160 lm                      | 112 lm/W                | 6,1  | □      | 2x G/K 600x600  | PX2070836 |
| 28 W  | LED 3000 K | 3100 lm                      | 110 lm/W                | 5,5  | □      | 1x G/K 300x1200 | PX2070815 |
| 28 W  | LED 4000 K | 3160 lm                      | 112 lm/W                | 5,5  | □      | 1x G/K 300x1200 | PX2070822 |

## PARABOLIC LITE LED

Do zawieszania oprawy należy wycenić wersję wpuszczaną 600x600 oraz zawieszenia typu Y: 1x zwykłe, 1x elektryczne  
For suspended version of the luminaire the calculation should consist of: 600x600 recessed version of the luminaire, one simple and one electric suspension

AKCESORIA  
ACCESSORIESZawieszenie zwykłe "Y"  
Simple suspension

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

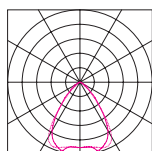
0,10 INOX PX0922112

Standardowa długość zwieszeń maksymalnie 1,5m  
Standard length of suspension maximum 1,5mZawieszenie elektryczne "Y"  
Electric suspension

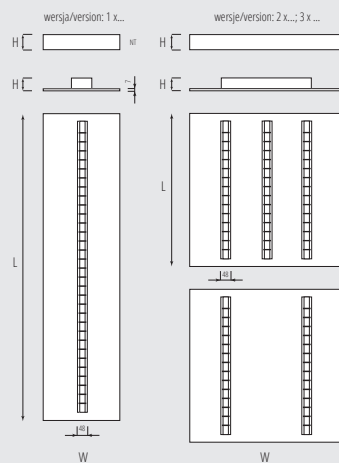
|      |   |           |
|------|---|-----------|
| 0,20 | ■ | PX0922043 |
| 0,20 | □ | PX0922054 |
| 0,20 | ■ | PX0922058 |

Standardowa długość zwieszeń maksymalnie 1,5m  
Standard length of suspension maximum 1,5mRamka G/K do wersji  
600x600  
Plaster-carboard frame  
to 600x600 version

|      |   |           |
|------|---|-----------|
| 0,50 | □ | PX2070180 |
|------|---|-----------|

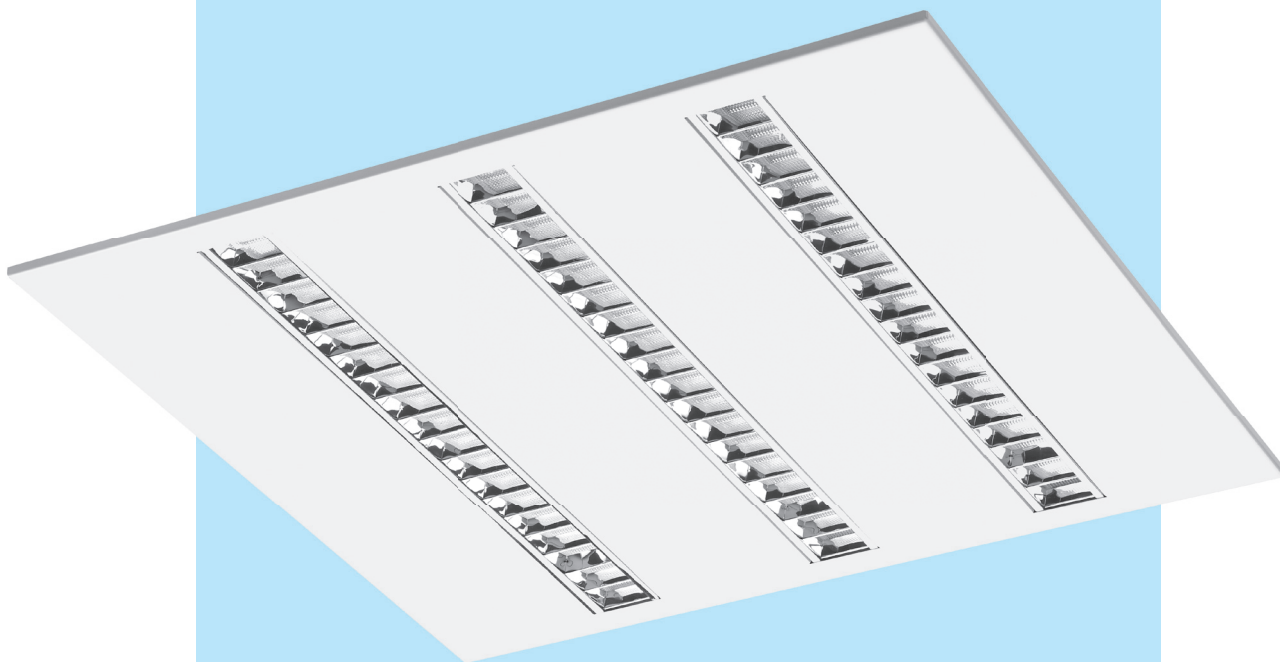
Otwór montażowy 610x610  
Mounting hole 610x610

PARABOLIC LED

WYMIARY  
DIMENSIONS

| WERSJA          | L    | W    | H    |
|-----------------|------|------|------|
| VERSION         | [mm] | [mm] | [mm] |
| 3x 600x600      | 596  | 596  | 41   |
| 2x 600x600      | 596  | 596  | 41   |
| 1x 300x1200     | 1196 | 296  | 41   |
| 3x NT 600x600   | 596  | 596  | 45   |
| 2x NT 600x600   | 596  | 596  | 45   |
| 1x NT 300x1200  | 1196 | 296  | 45   |
| 3x G/K 600x600  | 596  | 596  | 60   |
| 2x G/K 600x600  | 596  | 596  | 60   |
| 1x G/K 300x1200 | 1196 | 296  | 60   |

BIM Do oprawy dostępne są modele BIM  
BIM files are available for this product



## PARABOLIC LED PREMIUM

**Wykonanie:** budowa z blachy stalowej malowanej elektrostatycznie w kolorze białym, raster paraboliczny z aluminium anodyzowanego polerowanego wysokiej czystości, moduł LED z dodatkową przesłoną mikropryzmatyczną.

Innowacyjny układ optyczny sprawia, że oprawa znajduje zastosowanie w oświetleniu powierzchni do pracy przy komputerach.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej oraz G/K, nastropowy, zwieszany

**Akcesoria:** zawieszania (zwykłe, elektryczne), ramka G/K do wersji 600x600

**Zasilanie:** 220 V - 240 V

**Materials:** white housing made of electrostatically painted steel, parabolic louver made of anodized, polished aluminum of high purity, LED module with additional micro prismatic diffusor. Parabolic LED thanks to the innovative optical system is ideal for lighting office spacer, in particular to work with computers.

**Installation:** 600x600 suspended ceilings with visible supporting structure or into plaster-cardboard ceiling, surface mounted, suspended

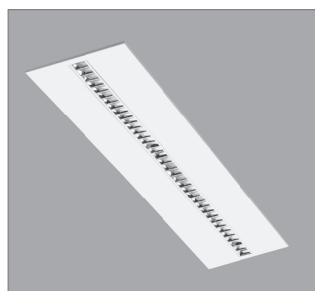
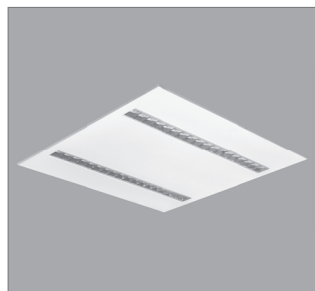
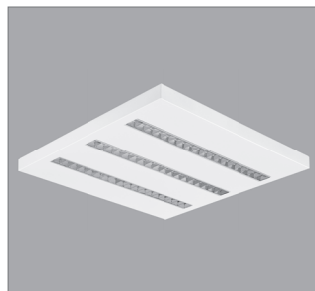
**Accessories:** suspension (regular, electric), plaster-cardboard frame to 600x600 version

**Power supply:** 220 V - 240 V

## PARABOLIC LED PREMIUM



L90 B10 &gt;60 000h • SDCM 3 • LLMF 92% • CRI 83

Wersja 1x do sufitów podwieszanych  
Version 1x for modular ceilingWersja 2x do sufitów podwieszanych  
Version 2x for modular ceilingWersja NT 3x do montażu nastropowego  
Version NT 3x for surface mounted

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | INFO           | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|----------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | INFO           | CODE      |
| 32 W  | LED 3000 K | 4670 lm                      | 146 lm/W                | 5,0  | <input type="checkbox"/> | 3x 600x600     | PX2070901 |
| 32 W  | LED 4000 K | 4810 lm                      | 150 lm/W                | 5,0  | <input type="checkbox"/> | 3x 600x600     | PX2070908 |
| 22 W  | LED 3000 K | 3110 lm                      | 141 lm/W                | 4,7  | <input type="checkbox"/> | 2x 600x600     | PX2070929 |
| 22 W  | LED 4000 K | 3210 lm                      | 146 lm/W                | 4,7  | <input type="checkbox"/> | 2x 600x600     | PX2070936 |
| 22 W  | LED 3000 K | 3110 lm                      | 141 lm/W                | 4,7  | <input type="checkbox"/> | 1x 300x1200    | PX2070915 |
| 22 W  | LED 4000 K | 3210 lm                      | 146 lm/W                | 4,7  | <input type="checkbox"/> | 1x 300x1200    | PX2070922 |
| 32 W  | LED 3000 K | 4670 lm                      | 146 lm/W                | 6,5  | <input type="checkbox"/> | 3x NT 600x600  | PX2070943 |
| 32 W  | LED 4000 K | 4810 lm                      | 150 lm/W                | 6,5  | <input type="checkbox"/> | 3x NT 600x600  | PX2070950 |
| 22 W  | LED 3000 K | 3110 lm                      | 141 lm/W                | 6,2  | <input type="checkbox"/> | 2x NT 600x600  | PX2070971 |
| 22 W  | LED 4000 K | 3210 lm                      | 146 lm/W                | 6,2  | <input type="checkbox"/> | 2x NT 600x600  | PX2070978 |
| 22 W  | LED 3000 K | 3110 lm                      | 141 lm/W                | 6,2  | <input type="checkbox"/> | 1x NT 300x1200 | PX2070957 |
| 22 W  | LED 4000 K | 3210 lm                      | 146 lm/W                | 6,2  | <input type="checkbox"/> | 1x NT 300x1200 | PX2070964 |

PARABOLIC LED  
PREMIUM

Do zawieszania oprawy należy wycenić wersję wpuszczaną oraz zawieszania typu Y: 1x zwykłe, 1x elektryczne  
For suspended version of the luminaire the calculation should consist of: recessed version of the luminaire, one simple and one electric suspension

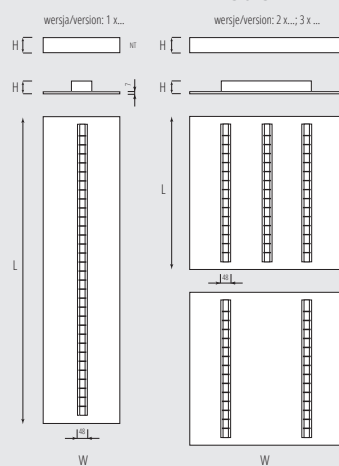
AKCESORIA  
ACCESSORIESZawieszenie zwykłe "Y"  
Simple suspension

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

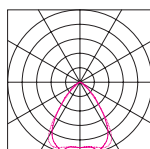
0,10 INOX PX0922112

Standardowa długość zwieszania maksymalnie 1,5m  
Standard length of suspension maximum 1,5mZawieszenie elektryczne "Y"  
Electric suspension

|      |                                     |           |
|------|-------------------------------------|-----------|
| 0,20 | <input checked="" type="checkbox"/> | PX0922043 |
| 0,20 | <input type="checkbox"/>            | PX0922054 |
| 0,20 | <input checked="" type="checkbox"/> | PX0922058 |

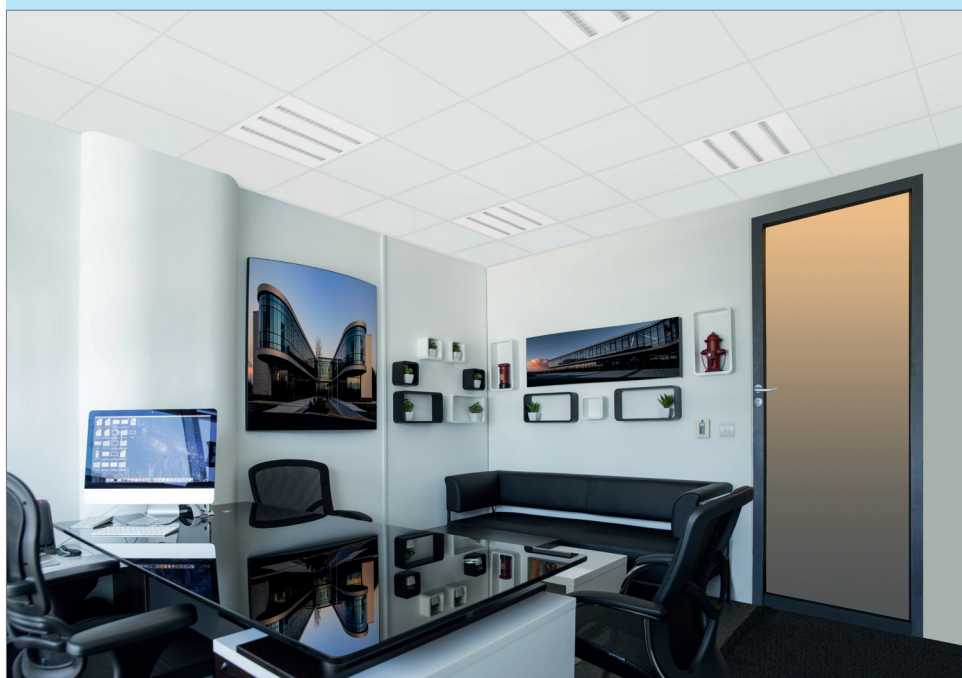
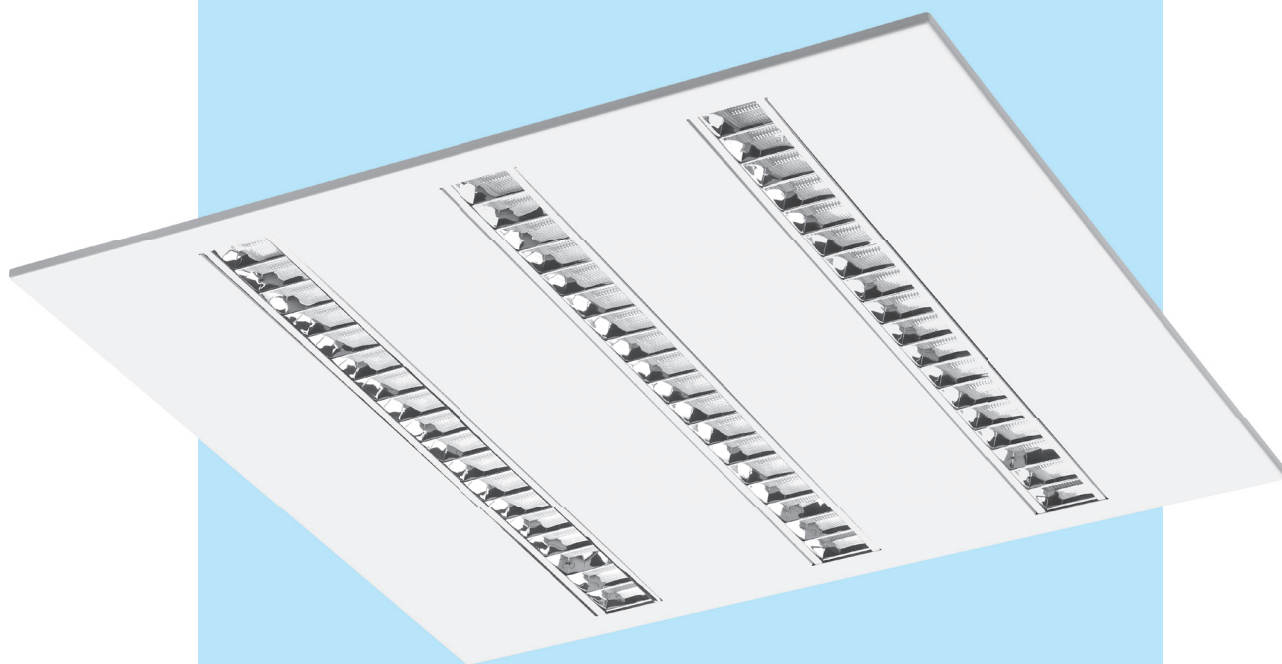
Standardowa długość zwieszania maksymalnie 1,5m  
Standard length of suspension maximum 1,5mRamka G/K do wersji  
600x600  
Plaster-carboard frame  
to 600x600 version0,50 ☐ PX2070180Otwór montażowy 610x610  
Mounting hole 610x610WYMIARY  
DIMENSIONS

| WERSJA         | L    | W    | H    |
|----------------|------|------|------|
| VERSION        | [mm] | [mm] | [mm] |
| 3x 600x600     | 596  | 596  | 41   |
| 2x 600x600     | 596  | 596  | 41   |
| 1x 300x1200    | 1196 | 296  | 41   |
| 3x NT 600x600  | 596  | 596  | 45   |
| 2x NT 600x600  | 596  | 596  | 45   |
| 1x NT 300x1200 | 1196 | 296  | 45   |



PARABOLIC PREMIUM LED





## PARABOLIC LED TW

### TUNABLE WHITE

**Wykonanie:** budowa z blachy stalowej malowanej elektrostycznie w kolorze białym, raster paraboliczny z aluminium anodyzowanego polerowanego wysokiej czystości, moduł LED z dodatkową przesłoną mikropryzmatyczną.

Innowacyjny układ optyczny sprawia, że oprawa znajduje zastosowanie w oświetleniu powierzchni do pracy przy komputerach.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej oraz G/K, nastropowy, zwieszany

**Akcesoria:** zawieszania (zwykłe, elektryczne), ramka G/K do wersji 600x600

**Zasilanie:** 220 V - 240 V

**Materials:** white housing made of electrostatically painted steel, parabolic louver made of anodized, polished aluminum of high purity, LED module with additional micro prismatic diffusor. Parabolic LED thanks to the innovative optical system is ideal for lighting office spacer, in particular to work with computers.

**Installation:** 600x600 suspended ceilings with visible supporting structure or into plaster-cardboard ceiling, surface mounted, suspended

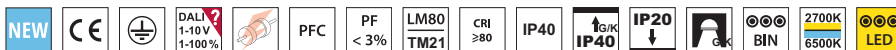
**Accessories:** suspension (regular, electric), plaster-cardboard frame to 600x600 version

**Power supply:** 220 V - 240 V

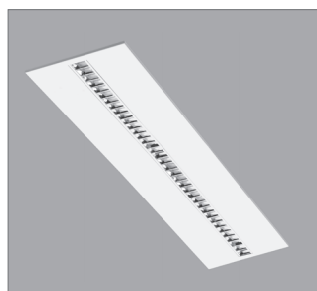


# TUNABLE WHITE PARABOLIC LED TW

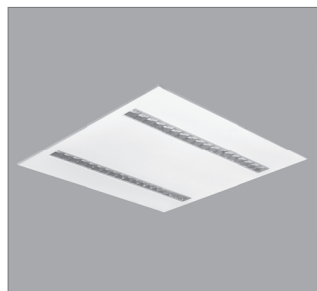
NOWOŚĆ



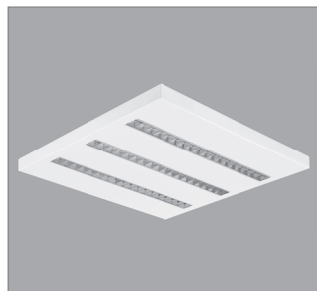
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Wersja 1x do sufitów podwieszanych  
Version 1x for modular ceiling



Wersja 2x do sufitów podwieszanych  
Version 2x for modular ceiling



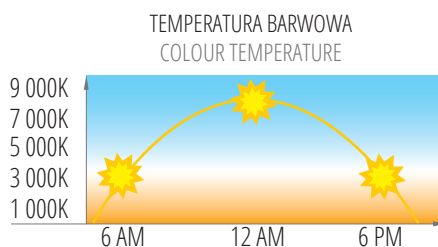
Wersja NT 3x do montażu nastropowego  
Version NT 3x for surface mounted

| MOC   | ŹRÓDŁO          | STRUMIEŃ OPRAWY           | SKUTECZNOŚĆ OPRAWY   | [kg] | KOLOR                    | INFO            | KOD       |
|-------|-----------------|---------------------------|----------------------|------|--------------------------|-----------------|-----------|
| POWER | LAMP            | LUMINAIRE'S LUMINOUS FLUX | LUMINAIRE'S EFFICACY | [kg] | COLOUR                   | INFO            | CODE      |
| 28 W  | LED 2700-6500 K | 3490 lm                   | 125 lm/W             | 5,0  | <input type="checkbox"/> | 3x 600x600      | PX2070843 |
| 19 W  | LED 2700-6500 K | 2330 lm                   | 123 lm/W             | 4,7  | <input type="checkbox"/> | 2x 600x600      | PX2070857 |
| 19 W  | LED 2700-6500 K | 2330 lm                   | 123 lm/W             | 4,7  | <input type="checkbox"/> | 1x 300x1200     | PX2070850 |
| 28 W  | LED 2700-6500 K | 3490 lm                   | 125 lm/W             | 6,5  | <input type="checkbox"/> | 3x NT 600x600   | PX2070864 |
| 19 W  | LED 2700-6500 K | 2330 lm                   | 123 lm/W             | 6,2  | <input type="checkbox"/> | 2x NT 600x600   | PX2070878 |
| 19 W  | LED 2700-6500 K | 2330 lm                   | 123 lm/W             | 6,2  | <input type="checkbox"/> | 1x NT 300x1200  | PX2070871 |
| 28 W  | LED 2700-6500 K | 3490 lm                   | 125 lm/W             | 6,4  | <input type="checkbox"/> | 3x G/K 600x600  | PX2070885 |
| 19 W  | LED 2700-6500 K | 2330 lm                   | 123 lm/W             | 6,1  | <input type="checkbox"/> | 2x G/K 600x600  | PX2070899 |
| 19 W  | LED 2700-6500 K | 2330 lm                   | 123 lm/W             | 5,5  | <input type="checkbox"/> | 1x G/K 300x1200 | PX2070892 |

## REGULACJA TUNABLE WHITE ADJUSTMENT

+ / - ^ v

|        |
|--------|
| 6 500K |
| 6 000K |
| 5 000K |
| 4 000K |
| 3 500K |
| 3 000K |
| 2 700K |



Do zawieszania oprawy należy wycenić wersję wpuszczaną 600x600 oraz zawieszanie typu Y: 1x zwykłe, 1x elektryczne  
For suspended version of the luminaire the calculation should consist of: 600x600 recessed version of the luminaire, one simple and one electric suspension

## AKCESORIA ACCESSORIES

### Zawieszenie zwykłe "Y" Simple suspension

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

0,10 INOX PX0922112

Standardowa długość zwieszki maksymalnie 1,5m  
Standard length of suspension maximum 1,5m

### Zawieszenie elektryczne "Y" Electric suspension

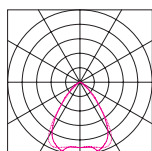
|      |                          |           |
|------|--------------------------|-----------|
| 0,20 | <input type="checkbox"/> | PX0922043 |
| 0,20 | <input type="checkbox"/> | PX0922054 |
| 0,20 | <input type="checkbox"/> | PX0922058 |

Standardowa długość zwieszki maksymalnie 1,5m  
Standard length of suspension maximum 1,5m

### Ramka G/K do wersji 600x600 Plaster-carboard frame to 600x600 version

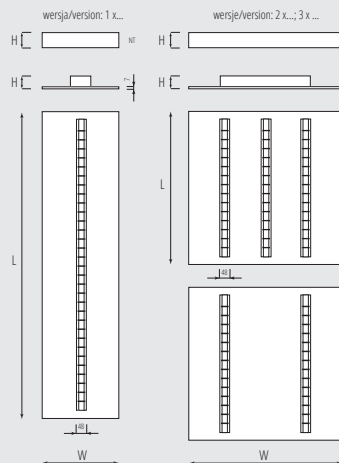
|      |                          |           |
|------|--------------------------|-----------|
| 0,50 | <input type="checkbox"/> | PX2070180 |
|------|--------------------------|-----------|

Otwór montażowy 610x610  
Mounting hole 610x610

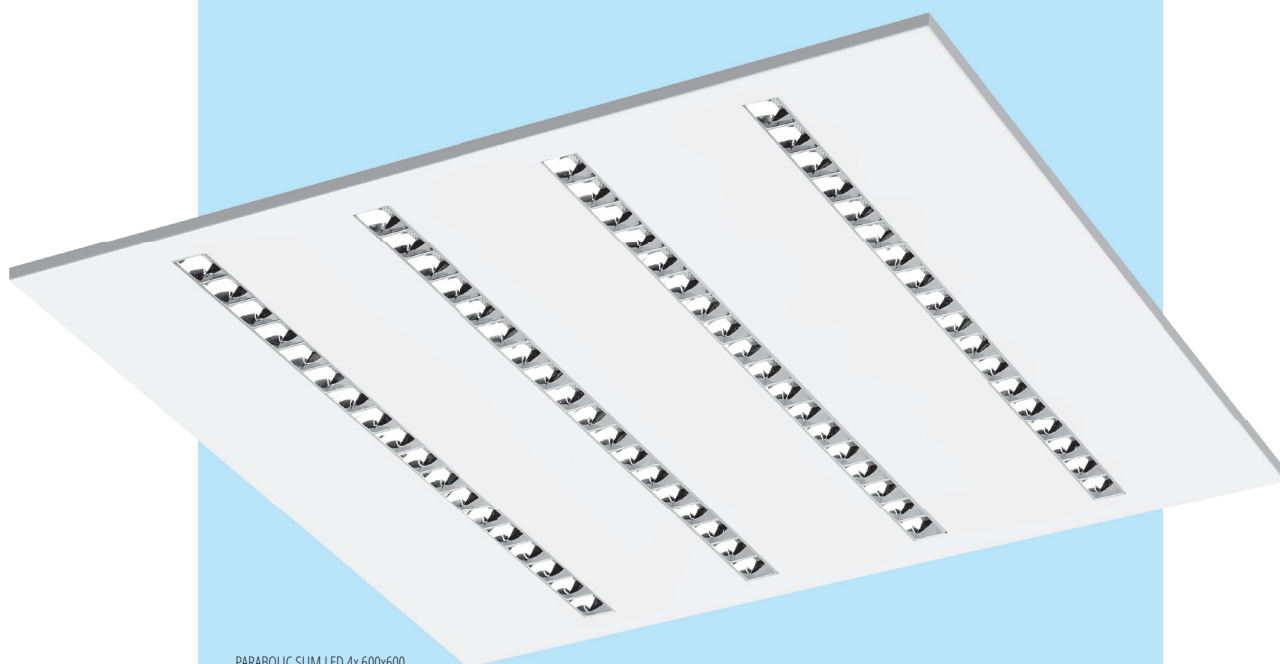


PARABOLIC LED TW

## WYMIARY DIMENSIONS



| WERSJA          | L    | W    | H    |
|-----------------|------|------|------|
| VERSION         | [mm] | [mm] | [mm] |
| 3x 600x600      | 596  | 596  | 41   |
| 2x 600x600      | 596  | 596  | 41   |
| 1x 300x1200     | 1196 | 296  | 41   |
| 3x NT 600x600   | 596  | 596  | 45   |
| 2x NT 600x600   | 596  | 596  | 45   |
| 1x NT 300x1200  | 1196 | 296  | 45   |
| 3x G/K 600x600  | 596  | 596  | 60   |
| 2x G/K 600x600  | 596  | 596  | 60   |
| 1x G/K 300x1200 | 1196 | 296  | 60   |



PARABOLIC SLIM LED 4x 600x600



## PARABOLIC SLIM LED

**Wykonanie:** budowa z blachy stalowej malowanej elektrolitycznie w kolorze białym, raster paraboliczny z tworzywa metalizowanego lub białego, moduł LED z dodatkową przesłoną mikropryzmatyczną.

Innowacyjny układ optyczny sprawia, że oprawa znajduje zastosowanie w oświetleniu powierzchni do pracy przy komputerach.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej oraz G/K, nastropowy, zwieszany

**Akcesoria:** zawieszania (zwykłe, elektryczne), ramka G/K do wersji 600x600

**Zasilanie:** 220 V - 240 V

**Materials:** white housing made of electrostatically painted steel, parabolic louver made of metallised plastic or white plastic, LED module with additional micro prismatic diffusor.

Parabolic LED thanks to the innovative optical system is ideal for lighting office spacer, in particular to work with computers.

**Installation:** 600x600 suspended ceilings with visible supporting structure or into plaster-cardboard ceiling, surface mounted, suspended

**Accessories:** suspension (regular, electric), plaster-cardboard frame to 600x600 version

**Power supply:** 220 V - 240 V

## NOWOŚĆ



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

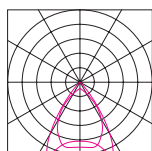
|                               |            | MOC                             | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]    | KOLOR    | INFO           | KOD       |                |           |
|-------------------------------|------------|---------------------------------|------------|------------------------------|-------------------------|---------|----------|----------------|-----------|----------------|-----------|
|                               |            | POWER                           | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]    | COLOUR   | INFO           | CODE      |                |           |
| PARABOLIC SLIM LED<br>IP40    |            | 28 W                            | LED 3000 K | 3190 lm                      | 114 lm/W                | 4,5     | ☐        | 3x 600x600     | PX2071001 |                |           |
|                               |            | 28 W                            | LED 4000 K | 3290 lm                      | 118 lm/W                | 5,0     | ☐        | 3x 600x600     | PX2071008 |                |           |
|                               |            | 37 W                            | LED 3000 K | 4300 lm                      | 116 lm/W                | 4,5     | ☐        | 4x 600x600     | PX2071015 |                |           |
|                               |            | 37 W                            | LED 4000 K | 4420 lm                      | 119 lm/W                | 5,0     | ☐        | 4x 600x600     | PX2071022 |                |           |
|                               |            | RASTER SREBRNY<br>SILVER LOUVER |            | 19 W                         | LED 3000 K              | 2090 lm | 110 lm/W | 4,5            | ☐         | 1x 300x1200    | PX2071029 |
|                               |            |                                 |            | 19 W                         | LED 4000 K              | 2150 lm | 113 lm/W | 5,0            | ☐         | 1x 300x1200    | PX2071036 |
|                               |            |                                 |            | 37 W                         | LED 3000 K              | 4300 lm | 116 lm/W | 4,5            | ☐         | 2x 300x1200    | PX2071043 |
| PARABOLIC SLIM NT LED<br>IP20 |            | 37 W                            | LED 4000 K | 4420 lm                      | 119 lm/W                | 5,0     | ☐        | 2x 300x1200    | PX2071050 |                |           |
|                               |            | 28 W                            | LED 3000 K | 3190 lm                      | 114 lm/W                | 6,9     | ☐        | 3x NT 600x600  | PX2071057 |                |           |
|                               |            | 28 W                            | LED 4000 K | 3290 lm                      | 118 lm/W                | 6,9     | ☐        | 3x NT 600x600  | PX2071064 |                |           |
|                               |            | 37 W                            | LED 3000 K | 4300 lm                      | 116 lm/W                | 7,8     | ☐        | 4x NT 600x600  | PX2071071 |                |           |
|                               |            | RASTER SREBRNY<br>SILVER LOUVER |            | 37 W                         | LED 4000 K              | 4420 lm | 119 lm/W | 7,8            | ☐         | 4x NT 600x600  | PX2071078 |
|                               |            |                                 |            | 19 W                         | LED 3000 K              | 2090 lm | 110 lm/W | 7,0            | ☐         | 1x NT 300x1200 | PX2071085 |
|                               |            |                                 |            | 19 W                         | LED 4000 K              | 2150 lm | 113 lm/W | 7,0            | ☐         | 1x NT 300x1200 | PX2071092 |
| PARABOLIC SLIM LED<br>IP40    |            | 37 W                            | LED 3000 K | 4300 lm                      | 116 lm/W                | 7,5     | ☐        | 2x NT 300x1200 | PX2071099 |                |           |
|                               |            | 37 W                            | LED 4000 K | 4420 lm                      | 119 lm/W                | 7,5     | ☐        | 2x NT 300x1200 | PX2071106 |                |           |
|                               |            | 28 W                            | LED 3000 K | 3350 lm                      | 120 lm/W                | 4,5     | ☐        | 3x 600x600     | PX2071113 |                |           |
|                               |            | 28 W                            | LED 4000 K | 3440 lm                      | 123 lm/W                | 5,0     | ☐        | 3x 600x600     | PX2071120 |                |           |
|                               |            | 37 W                            | LED 3000 K | 4480 lm                      | 121 lm/W                | 4,5     | ☐        | 4x 600x600     | PX2071127 |                |           |
|                               |            | 37 W                            | LED 4000 K | 4600 lm                      | 124 lm/W                | 5,0     | ☐        | 4x 600x600     | PX2071134 |                |           |
|                               |            | RASTER BIAŁY<br>WHITE LOUVER    |            | 19 W                         | LED 3000 K              | 2180 lm | 115 lm/W | 4,5            | ☐         | 1x 300x1200    | PX2071141 |
| 19 W                          | LED 4000 K |                                 |            | 2250 lm                      | 118 lm/W                | 5,0     | ☐        | 1x 300x1200    | PX2071148 |                |           |
| 37 W                          | LED 3000 K |                                 |            | 4480 lm                      | 121 lm/W                | 4,5     | ☐        | 2x 300x1200    | PX2071155 |                |           |
| 37 W                          | LED 4000 K |                                 |            | 4600 lm                      | 124 lm/W                | 5,0     | ☐        | 2x 300x1200    | PX2071162 |                |           |
| PARABOLIC SLIM NT LED<br>IP20 |            |                                 |            | 28 W                         | LED 3000 K              | 3350 lm | 120 lm/W | 6,9            | ☐         | 3x NT 600x600  | PX2071169 |
|                               |            |                                 |            | 28 W                         | LED 4000 K              | 3440 lm | 123 lm/W | 6,9            | ☐         | 3x NT 600x600  | PX2071176 |
|                               |            |                                 |            | 37 W                         | LED 3000 K              | 4480 lm | 121 lm/W | 7,8            | ☐         | 4x NT 600x600  | PX2071183 |
|                               |            | 37 W                            | LED 4000 K | 4600 lm                      | 124 lm/W                | 7,8     | ☐        | 4x NT 600x600  | PX2071190 |                |           |
|                               |            | RASTER BIAŁY<br>WHITE LOUVER    |            | 19 W                         | LED 3000 K              | 2180 lm | 115 lm/W | 7,0            | ☐         | 1x NT 300x1200 | PX2071197 |
| 19 W                          | LED 4000 K |                                 |            | 2250 lm                      | 118 lm/W                | 7,0     | ☐        | 1x NT 300x1200 | PX2071204 |                |           |
| 37 W                          | LED 3000 K |                                 |            | 4480 lm                      | 121 lm/W                | 7,5     | ☐        | 2x NT 300x1200 | PX2071211 |                |           |
| 37 W                          | LED 4000 K |                                 |            | 4600 lm                      | 124 lm/W                | 7,5     | ☐        | 2x NT 300x1200 | PX2071218 |                |           |

|      |        |      |
|------|--------|------|
| [kg] | KOLOR  | KOD  |
| [kg] | COLOUR | CODE |

## 0 10 INOX PY0922112

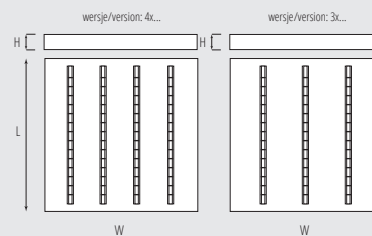
wersje/version: 1x...      wersje/version: 2x...

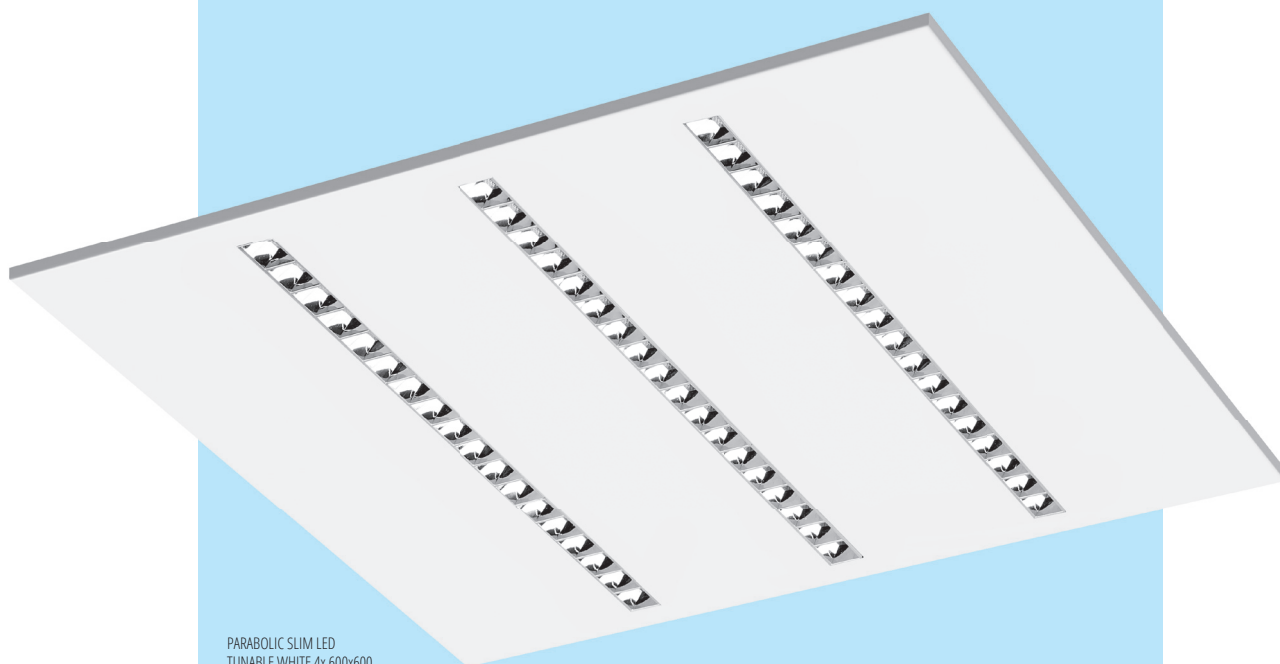
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| 0,20 |  | PX0922043 |
| 0,20 |  | PX0922054 |
| 0,20 |  | PX0922058 |

0.50 ☐ DV2070100

| WERSJA  | L    | W    | H    |
|---------|------|------|------|
| VERSION | [mm] | [mm] | [mm] |

| VERSION        | [mm] | [mm] | [mm] |
|----------------|------|------|------|
| 3x 600x600     | 596  | 596  | 30   |
| 4x 600x600     | 596  | 596  | 30   |
| 1x 300x1200    | 1196 | 296  | 30   |
| 2x 300x1200    | 1196 | 296  | 30   |
| 3x NT 600x600  | 596  | 596  | 35   |
| 4x NT 600x600  | 596  | 596  | 35   |
| 1x NT 300x1200 | 1196 | 296  | 35   |
| 2x NT 300x1200 | 1196 | 296  | 35   |





PARABOLIC SLIM LED  
TUNABLE WHITE 4x 600x600



## PARABOLIC SLIM LED TW TUNABLE WHITE

**Wykonanie:** budowa z blachy stalowej malowanej elektrolitycznie w kolorze białym, raster paraboliczny z tworzywa metalizowanego lub białego, moduł LED z dodatkową przesłoną mikropryzmatyczną.

Innowacyjny układ optyczny sprawia, że oprawa znajduje zastosowanie w oświetleniu powierzchni do pracy przy komputerach.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej oraz G/K, nastropowy, zwieszany

**Akcesoria:** zawieszania (zwykłe, elektryczne), ramka G/K do wersji 600x600

**Zasilanie:** 220 V - 240 V

**Materials:** white housing made of electrostatically painted steel, parabolic louver made of metallised plastic or white plastic, LED module with additional micro prismatic diffusor.

Parabolic LED thanks to the innovative optical system is ideal for lighting office spacer, in particular to work with computers.

**Installation:** 600x600 suspended ceilings with visible supporting structure or into plaster-cardboard ceiling, surface mounted, suspended

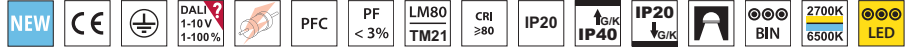
**Accessories:** suspension (regular, electric), plaster-cardboard frame to 600x600 version

**Power supply:** 220 V - 240 V

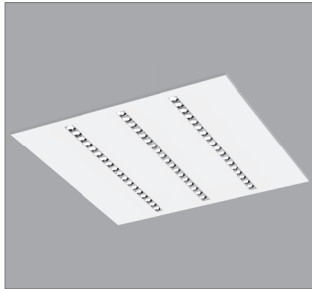
TUNABLE WHITE

# PARABOLIC SLIM LED TW

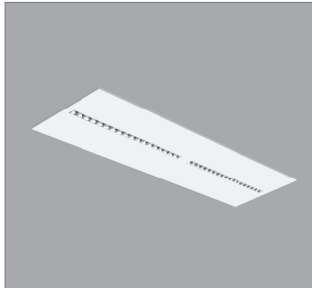
NOWOŚĆ



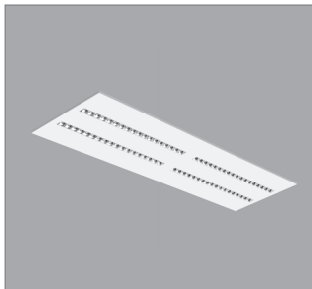
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



PARABOLIC SLIM LED TW 3x 600x600



PARABOLIC SLIM LED TW 1x 300x1200



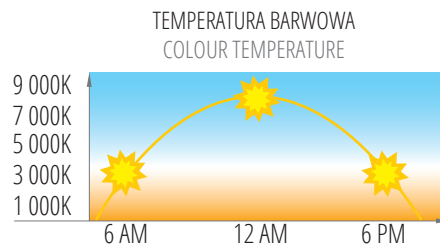
PARABOLIC SLIM LED TW 2x 300x1200

|                                          | MOC   | ŹRÓDŁO          | STRUMIEN OPRAWY           | SKUTECZNOŚĆ OPRAWY   | [kg] | KOLOR                    | INFO           | KOD       |
|------------------------------------------|-------|-----------------|---------------------------|----------------------|------|--------------------------|----------------|-----------|
|                                          | POWER | LAMP            | LUMINAIRE'S LUMINOUS FLUX | LUMINAIRE'S EFFICACY | [kg] | COLOUR                   | INFO           | CODE      |
| PARABOLIC SLIM LED TUNABLE WHITE IP40    | 29 W  | LED 2700-6500 K | 2610 lm                   | 90 lm/W              | 4,5  | <input type="checkbox"/> | 3x 600x600     | PX2071301 |
|                                          | 38 W  | LED 2700-6500 K | 3480 lm                   | 92 lm/W              | 5,0  | <input type="checkbox"/> | 4x 600x600     | PX2071308 |
|                                          | 20 W  | LED 2700-6500 K | 1740 lm                   | 87 lm/W              | 4,5  | <input type="checkbox"/> | 1x 300x1200    | PX2071315 |
|                                          | 38 W  | LED 2700-6500 K | 3480 lm                   | 92 lm/W              | 5,0  | <input type="checkbox"/> | 2x 300x1200    | PX2071322 |
| RASTER SREBRNY SILVER LOUVER IP20        | 29 W  | LED 2700-6500 K | 2610 lm                   | 90 lm/W              | 6,9  | <input type="checkbox"/> | 3x NT 600x600  | PX2071329 |
|                                          | 38 W  | LED 2700-6500 K | 3480 lm                   | 92 lm/W              | 7,8  | <input type="checkbox"/> | 4x NT 600x600  | PX2071336 |
|                                          | 20 W  | LED 2700-6500 K | 1740 lm                   | 87 lm/W              | 7,0  | <input type="checkbox"/> | 1x NT 300x1200 | PX2071343 |
|                                          | 38 W  | LED 2700-6500 K | 3480 lm                   | 92 lm/W              | 7,5  | <input type="checkbox"/> | 2x NT 300x1200 | PX2071350 |
| PARABOLIC SLIM NT LED TUNABLE WHITE IP40 | 29 W  | LED 2700-6500 K | 2800 lm                   | 97 lm/W              | 4,5  | <input type="checkbox"/> | 3x 600x600     | PX2071357 |
|                                          | 38 W  | LED 2700-6500 K | 3740 lm                   | 98 lm/W              | 5,0  | <input type="checkbox"/> | 4x 600x600     | PX2071364 |
|                                          | 20 W  | LED 2700-6500 K | 1870 lm                   | 94 lm/W              | 4,5  | <input type="checkbox"/> | 1x 300x1200    | PX2071371 |
|                                          | 38 W  | LED 2700-6500 K | 3740 lm                   | 98 lm/W              | 5,0  | <input type="checkbox"/> | 2x 300x1200    | PX2071378 |
| RASTER BIAŁY WHITE LOUVER IP20           | 29 W  | LED 2700-6500 K | 2800 lm                   | 97 lm/W              | 6,9  | <input type="checkbox"/> | 3x NT 600x600  | PX2071385 |
|                                          | 38 W  | LED 2700-6500 K | 3740 lm                   | 98 lm/W              | 7,8  | <input type="checkbox"/> | 4x NT 600x600  | PX2071392 |
|                                          | 20 W  | LED 2700-6500 K | 1870 lm                   | 94 lm/W              | 7,0  | <input type="checkbox"/> | 1x NT 300x1200 | PX2071399 |
|                                          | 38 W  | LED 2700-6500 K | 3740 lm                   | 98 lm/W              | 7,5  | <input type="checkbox"/> | 2x NT 300x1200 | PX2071406 |

REGULACJA TUNABLE WHITE  
ADJUSTMENT

+ / - ^ v

|        |
|--------|
| 6 500K |
| 6 000K |
| 5 000K |
| 4 000K |
| 3 500K |
| 3 000K |
| 2 700K |



AKCESORIA  
ACCESSORIES

Zawieszenie zwykłe "Y"  
Simple suspension

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

0,10 INOX PX0922112

Standardowa długość zwieszeń maksymalnie 1,5m  
Standard length of suspension maximum 1,5m

Zawieszenie elektryczne "Y"  
Electric suspension

|      |                          |           |
|------|--------------------------|-----------|
| 0,20 | <input type="checkbox"/> | PX0922043 |
| 0,20 | <input type="checkbox"/> | PX0922054 |
| 0,20 | <input type="checkbox"/> | PX0922058 |

Standardowa długość zwieszeń maksymalnie 1,5m  
Standard length of suspension maximum 1,5m

Ramka G/K do wersji  
600x600  
Plaster-carboard frame  
to 600x600 version

0,50 ☐ PX2070180

Otwór montażowy 610x610  
Mounting hole 610x610

WYMIARY  
DIMENSIONS

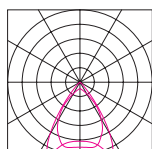
| WERSJA         | L    | W    | H    |
|----------------|------|------|------|
| VERSION        | [mm] | [mm] | [mm] |
| 3x 600x600     | 596  | 596  | 30   |
| 4x 600x600     | 596  | 596  | 30   |
| 1x 300x1200    | 1196 | 296  | 30   |
| 2x 300x1200    | 1196 | 296  | 30   |
| 3x NT 600x600  | 596  | 596  | 35   |
| 4x NT 600x600  | 596  | 596  | 35   |
| 1x NT 300x1200 | 1196 | 296  | 35   |
| 2x NT 300x1200 | 1196 | 296  | 35   |

wersje/version: 1x...

wersje/version: 2x...

wersje/version: 4x...

wersje/version: 3x...



PARABOLIC SLIM LED TW





## PERFETTO • PERFETTO PURO

**Wykonanie:** korpus z aluminium odlewane ciśnieniowo, lakierowany poliestrem. Odbłyśniki z poliwęglanu z wykończeniem lustrzanym. Zakres pracy względem osi poziomej wynosi 355°, a pionowej 90°.

**Montaż:** wszystkie wersje do szynoprzewodu, Na zapytanie Perfetto 230: naścienny, nastropowy

**Akcesoria:** odbłyśniki do regulacji kąta rozsyłu

**Zasilanie:** 220 V - 240 V

**Materials:** body and component compartment in polyester painted die-cast aluminum. Reflectors in polycarbonate with mirror finish. It can rotate up to 355° with respect to the vertical axis and pivot up to 90° upwards.

**Installation:** all versions for electrical track, On request Perfetto 230: wall mounting, ceiling mounting

**Accessories:** reflector for beam angle regulation

**Power supply:** 220 V - 240 V



PERFETTO 230 - wersja czarna  
PERFETTO 230 - black version



PERFETTO 230 - wersja z podstawą do montażu nastopowego  
PERFETTO 230 - version with base



PERFETTO BOX wersja z driverem do szynoprzewodu  
PERFETTO BOX - version with driver for electrical track



PERFETTO PURO - wersja czarna  
PERFETTO PURO - black version

# PERFETTO

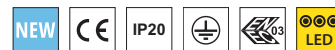


L80 B10 >50 000h • CRI 80

|              |                  | MOC   | ŹRÓDŁO      |        | KĄT ROŚYŁU          | [kg] | KOLOR  | KOD            |
|--------------|------------------|-------|-------------|--------|---------------------|------|--------|----------------|
|              |                  | POWER | LAMP        |        | ANGLE OF LIGHT BEAM | [kg] | COLOUR | CODE           |
| PERFETTO 230 | SZYNA 3-FAZOWA   | 19 W  | LED 2000 lm | 3000 K | 38°                 | 1,4  | ■      | IV742-1613-16  |
|              |                  | 19 W  | LED 2000 lm | 3000 K | 38°                 | 1,4  | □      | IV742-1613-21  |
|              |                  | 19 W  | LED 2000 lm | 4000 K | 38°                 | 1,4  | ■      | IV742-1613A-16 |
|              |                  | 19 W  | LED 2000 lm | 4000 K | 38°                 | 1,4  | □      | IV742-1613A-21 |
|              |                  | 33 W  | LED 3000 lm | 3000 K | 38°                 | 1,5  | ■      | IV742-2613-16  |
|              |                  | 33 W  | LED 3000 lm | 3000 K | 38°                 | 1,5  | □      | IV742-2613-21  |
|              |                  | 33 W  | LED 3000 lm | 4000 K | 38°                 | 1,5  | ■      | IV742-2613A-16 |
|              |                  | 33 W  | LED 3000 lm | 4000 K | 38°                 | 1,5  | □      | IV742-2613A-21 |
|              | PODSTAWA<br>BASE | 19 W  | LED 2000 lm | 3000 K | 38°                 | 1,4  | ■      | IV742-121-16   |
|              |                  | 19 W  | LED 2000 lm | 3000 K | 38°                 | 1,4  | □      | IV742-121-21   |
| PERFETTO BOX | SZYNA 3-FAZOWA   | 26 W  | LED 3100 lm | 3000 K | 25°                 | 1,7  | ■      | IV743-1613-16  |
|              |                  | 26 W  | LED 3100 lm | 3000 K | 25°                 | 1,7  | □      | IV743-1613-21  |
|              |                  | 33 W  | LED 4000 lm | 3000 K | 30°                 | 1,7  | ■      | IV743-2693-16  |
|              |                  | 33 W  | LED 4000 lm | 3000 K | 30°                 | 1,7  | □      | IV743-2693-21  |
|              |                  | 43 W  | LED 5550 lm | 3000 K | 30°                 | 1,7  | ■      | IV743-4613-16  |
|              |                  | 43 W  | LED 5550 lm | 3000 K | 30°                 | 1,7  | □      | IV743-4613-21  |
|              |                  | 43 W  | LED 5650 lm | 4000 K | 30°                 | 1,7  | ■      | IV743-4613A-16 |
|              |                  | 43 W  | LED 5650 lm | 4000 K | 30°                 | 1,7  | □      | IV743-4613A-21 |

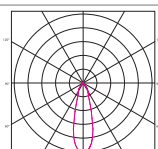
Wersja z podstawą do sufitu na zamówienie  
Version with base on request

# PERFETTO PURO

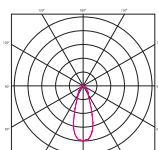


L80 B10 >50 000h • CRI 85

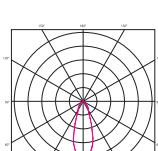
|                              | MOC   | ŹRÓDŁO             | KĄT ROŚYŁU          | [kg] | KOLOR  | KOD           |
|------------------------------|-------|--------------------|---------------------|------|--------|---------------|
|                              | POWER | LAMP               | ANGLE OF LIGHT BEAM | [kg] | COLOUR | CODE          |
| PERFETTO PURO SZYNA 3-FAZOWA | 32 W  | LED 4400 lm 3000 K | 30 °                | 0,9  | ■      | IV770-061-16  |
|                              | 32 W  | LED 4400 lm 3000 K | 30 °                | 0,9  | □      | IV770-061-21  |
|                              | 32 W  | LED 4500 lm 4000 K | 30 °                | 0,9  | ■      | IV770-061A-16 |
|                              | 32 W  | LED 4500 lm 4000 K | 30 °                | 0,9  | □      | IV770-061A-21 |
| PERFETTO PURO 3-PHASE TRACK  | 37 W  | LED 5000 lm 3000 K | 30 °                | 0,9  | ■      | IV770-261-16  |
|                              | 37 W  | LED 5000 lm 3000 K | 30 °                | 0,9  | □      | IV770-261-21  |
|                              | 37 W  | LED 5150 lm 4000 K | 30 °                | 0,9  | ■      | IV770-261A-16 |
|                              | 37 W  | LED 5150 lm 4000 K | 30 °                | 0,9  | □      | IV770-261A-21 |



PERFETTO 230 38°



PERFETTO BOX 30°



PERFETTO PURO 30°

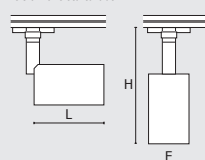
## AKCESORIA ACCESSORIES

### Odbłyśniki Reflectors

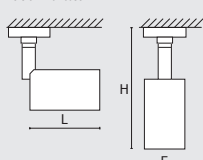


|              | PERFETTO 230 |         |     | PERFETTO BOX |         |         |         |
|--------------|--------------|---------|-----|--------------|---------|---------|---------|
| KOD<br>CODE  | 2000 lm      | 3000 lm |     | 3100 lm      | 4000 lm | 5500 lm | 5650 lm |
| IV28-3140-51 | 20°          | 11°     | 11° | 17°          | 17°     | 17°     |         |
| IV28-3138-51 | 60°          | 60°     | 55° | 55°          | 55°     | 55°     |         |
| IV28-3141-31 | 70°          | 70°     | 70° | 70°          | 70°     | 70°     |         |
| IV28-3140-51 | 17°          |         |     |              |         |         |         |
| IV28-3138-51 | 55°          |         |     |              |         |         |         |
| IV28-3141-31 | 70°          |         |     |              |         |         |         |

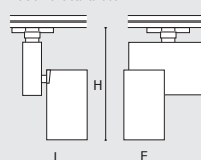
PERFETTO 230  
Wersja do szynoprzewodu  
Version for electrical track



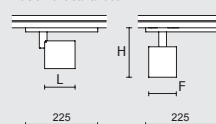
PERFETTO 230  
Wersja z podstawą do sufitu  
Version with base



PERFETTO BOX  
Wersja do szynoprzewodu  
Version for electrical track



PERFETTO PURO  
Wersja do szynoprzewodu  
Version for electrical track



## WYMIARY DIMENSIONS

|                | L    | H    | F    |
|----------------|------|------|------|
|                | [mm] | [mm] | [mm] |
| PERFETTO 230   |      |      |      |
| SZYNA 3-FAZOWA | 131  | 188  | 84   |
| 3-PHASE TRACKS |      |      |      |
| PODSTAWA       | 131  | 206  | 84   |
| BASE           |      |      |      |
| PERFETTO BOX   |      |      |      |
| SZYNA 3-FAZOWA | 135  | 185  | 84   |
| 3-PHASE TRACKS |      |      |      |
| PERFETTO PURO  |      |      |      |
| SZYNA 3-FAZOWA | 92   | 110  | 84   |
| 3-PHASE TRACKS |      |      |      |



## PF10 • PF19 • PF30

**Wykonanie:** korpus wykonany z aluminium odlewane go ciśnieniowo, z nowoczesnym systemem odprowadzania ciepła, malowany poliestrem na kolor biały lub srebrny. Odbłyśnik z fasetowanego, metalizowanego i wytrzymałego poliwęglanu. Poliwęglanowy dyfuzor w wersji OPAL.

**Montaż:** nastropowy, naścienny

**Zasilanie:** 220 V - 240 V

**Materials:** housing in die-cast aluminum with an innovative thermic dissipation system, polyester painting in white or silver colour. Optic made of high resistance faceted polycarbonate, mirror metallized in high vacuum. Diffuser in OPAL polycarbonate

**Installation:** ceiling mounted, wall mounted

**Power supply:** 220 V - 240 V

## PF10



L80 B10 &gt;50 000h • CRI 80

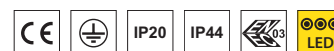
|      | MOC   | ŹRÓDŁO            | [kg] | KOLOR  | KĄT ROZSYŁU | IP   | KOD            |
|------|-------|-------------------|------|--------|-------------|------|----------------|
|      | POWER | LAMP              | [kg] | COLOUR | LIGHT BEAM  | IP   | CODE           |
| PF10 | 4,3 W | LED 430 lm 3000 K | 0,30 | □      | 110°        | IP43 | IV3875-01-21   |
|      | 4,3 W | LED 430 lm 3000 K | 0,30 | ■      | 110°        | IP43 | IV3875-01-52 * |

\*Na zapytanie  
\*On request



PF10 - wersja biała  
PF10 - white version

## PF 19



L80 B10 &gt;50 000h • CRI 80

|      | MOC   | ŹRÓDŁO             | [kg] | KOLOR  | KĄT ROZSYŁU | IP   | KOD            |
|------|-------|--------------------|------|--------|-------------|------|----------------|
|      | POWER | LAMP               | [kg] | COLOUR | LIGHT BEAM  | IP   | CODE           |
| PF19 | 12 W  | LED 1800 lm 3000 K | 0,70 | □      | 120°        | IP20 | IV3880-01-21   |
|      | 12 W  | LED 1800 lm 3000 K | 0,70 | ■      | 120°        | IP20 | IV3880-01-52 * |
|      | 12 W  | LED 1800 lm 3000 K | 0,70 | □      | 110°        | IP44 | IV3881-01-21   |
|      | 12 W  | LED 1800 lm 3000 K | 0,70 | ■      | 110°        | IP44 | IV3881-01-52 * |

\*Na zapytanie  
\*On request



PF19 - wersja biała z odbłyśnikiem 110°  
PF19 - white version with reflector 110°

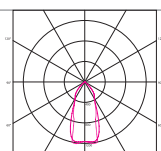
## PF 30



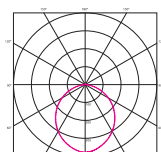
L80 B10 &gt;50 000h • CRI 80

|      | MOC   | ŹRÓDŁO             | [kg] | KOLOR  | KĄT ROZSYŁU | IP   | KOD            |
|------|-------|--------------------|------|--------|-------------|------|----------------|
|      | POWER | LAMP               | [kg] | COLOUR | LIGHT BEAM  | IP   | CODE           |
| PF30 | 18 W  | LED 2550 lm 3000 K | 1,50 | □      | 100°        | IP40 | IV3887-01-21   |
|      | 18 W  | LED 2550 lm 3000 K | 1,50 | ■      | 100°        | IP40 | IV3887-01-52 * |
|      | 26 W  | LED 3400 lm 3000 K | 1,50 | □      | 100°        | IP40 | IV3888-02-21   |
|      | 26 W  | LED 3400 lm 3000 K | 1,50 | ■      | 100°        | IP40 | IV3888-02-52 * |

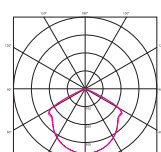
PF30 - wersja czarna z kloszem  
PF30 - black version with diffuser



PF 19 50°



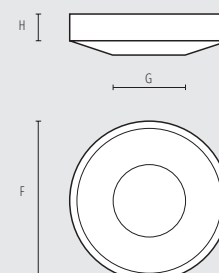
PF 19 108°



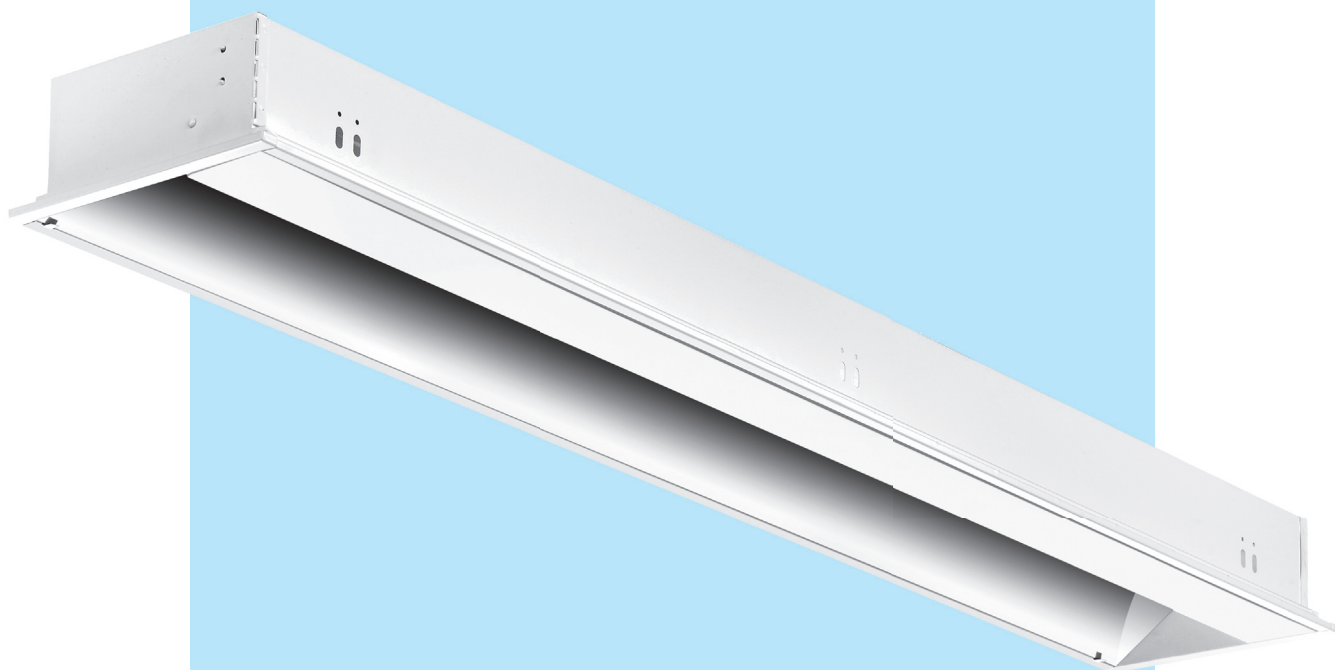
PF 19 120°

WYMIARY  
DIMENSIONS

|      | H    | F    | G    |
|------|------|------|------|
|      | [mm] | [mm] | [mm] |
| PF10 | 30   | 101  | 49   |
| PF19 | 40   | 190  | 91   |
| PF30 | 40   | 300  | 106  |







## PISA AS LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie w kolorze białym. Odbłyśnik z polerowanego aluminium.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej lub G/K

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted, steel sheet body in white colour; reflector made of polished aluminum

**Installation:** into modular ceiling 600x600 with a visible supported structure or into plaster-cardboard ceiling

**Power supply:** 220 V - 240 V

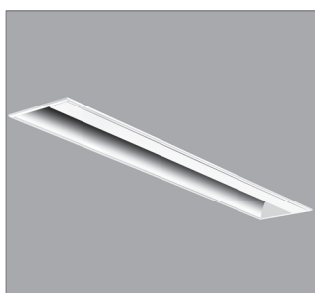


# PISA AS LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 17 W  | LED 3000 K | 1580 lm                      | 92 lm/W                 | 1,5  | □      | PX4087321 |
| 17 W  | LED 4000 K | 1610 lm                      | 94 lm/W                 | 1,5  | □      | PX4087328 |
| 32 W  | LED 3000 K | 3340 lm                      | 104 lm/W                | 2,7  | □      | PX4087335 |
| 32 W  | LED 4000 K | 3410 lm                      | 106 lm/W                | 2,7  | □      | PX4087342 |



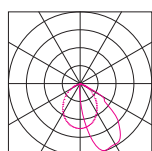
PISA AS LED



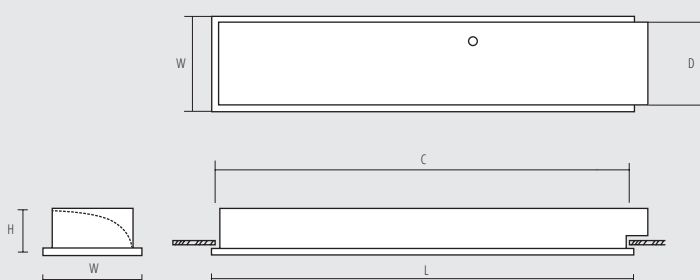
Odbłyśnik z aluminium  
Aluminium louver

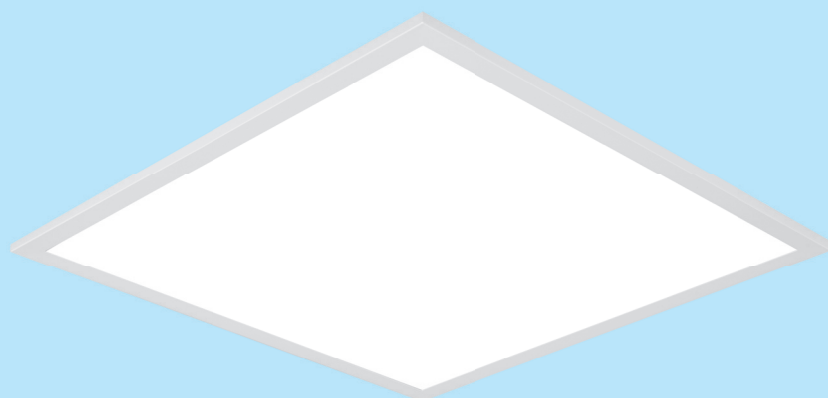
## WYMIARY DIMENSIONS

| MOC      | L    | W    | H    | C    | D    |
|----------|------|------|------|------|------|
| POWER    | [mm] | [mm] | [mm] | [mm] | [mm] |
| 17 W LED | 595  | 180  | 80   | 580  | 150  |
| 32 W LED | 1195 | 180  | 80   | 1180 | 150  |



PISA AS LED





## PISA IP54 LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrolitycznie (w standardzie kolor biały), klosz OPAL z PMMA

**Montaż:** w sufitach podwieszanych G/K

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted housing made of galvanized steel sheets (standard colour: white), OPAL diffuser made of PMMA

**Installation:** into plaster-cardboard ceiling

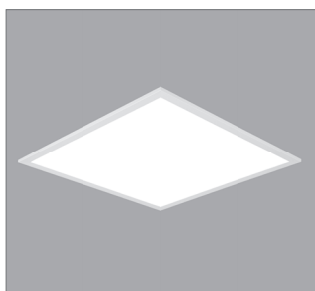
**Power supply:** 220 V - 240 V

## PISA IP54 LED

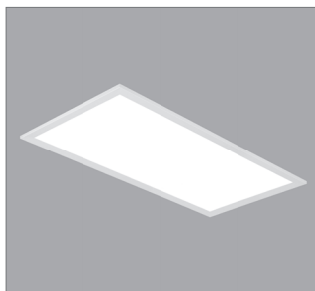


L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

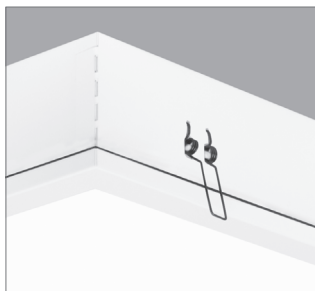
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|----------------------------------|----------------------------|------|--------|------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR | INFO | CODE      |
| 38 W  | LED 3000 K | 4120 lm                          | 108 lm/W                   | 4,6  | □      | OPAL | PX3734650 |
| 38 W  | LED 4000 K | 4250 lm                          | 112 lm/W                   | 4,6  | □      | OPAL | PX3734658 |
| 43 W  | LED 3000 K | 4380 lm                          | 102 lm/W                   | 5,4  | □      | OPAL | PX3734666 |
| 43 W  | LED 4000 K | 4520 lm                          | 105 lm/W                   | 5,4  | □      | OPAL | PX3734674 |



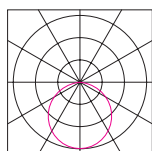
PISA IP54 LED 600x600



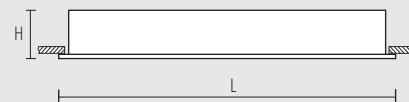
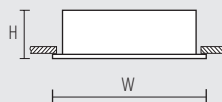
PISA IP54 LED 300x1200

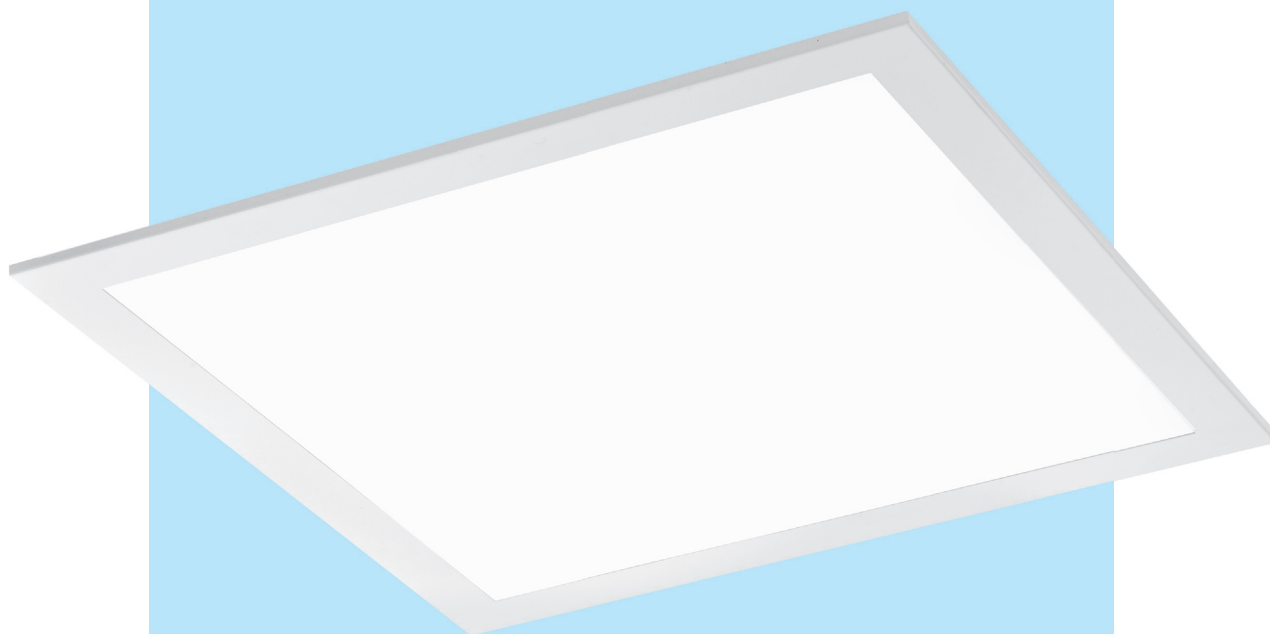
Uszczelka oraz uchwyty montażowe  
Seal and mounting bracketsWYMIARY  
DIMENSIONS

| MOC   | INFO          | L    | W    | H    |
|-------|---------------|------|------|------|
| POWER | INFO          | [mm] | [mm] | [mm] |
| 38 W  | OPAL 600x600  | 595  | 595  | 80   |
| 43 W  | OPAL 300x1200 | 295  | 1195 | 80   |



PISA IP54 LED





## PISA LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrolitycznie w kolorze białym. Klosz mleczny OPAL oraz mikropryzmatyczny MPRM. Oprawa PISA LED charakteryzuje się wysokimi parametrami świetlnymi, szybkim montażem i równomierną luminancją na powierzchni klosza.

**Montaż:** w sufitach podwieszanych G/K

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body (standard colour: white). OPAL and microprismatic (MPRM) diffusers. PISA LED is a luminaire characterized by good luminous parameters, quick installation and a uniform luminance on the surface of the diffuser.

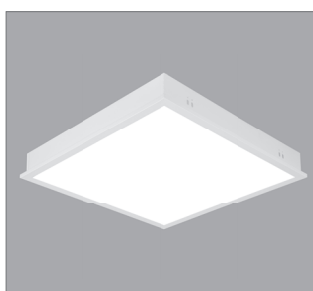
**Installation:** into plaster-cardboard ceiling

**Power supply:** 220 V - 240 V

# PISA LED



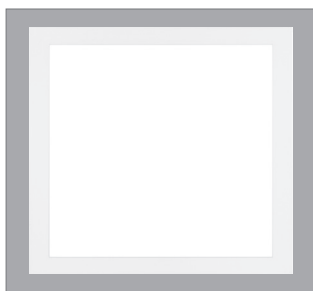
L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84



PISA LED ON - równomierna luminancja na powierzchni klosza  
PISA LED ON - a uniform luminance on the surface of the diffuser

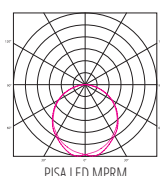


PISA LED OFF  
PISA LED OFF

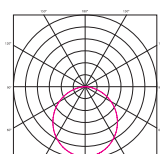


PISA LED ON - równomierna luminancja na powierzchni klosza  
PISA LED ON - a uniform luminance on the surface of the diffuser

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | L    | W    | H    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|------|------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | [mm] | [mm] | [mm] | CODE      |
| 24 W  | LED 3000 K | 2810 lm                      | 117 lm/W                | 4,5  | □      | MPRM | 595  | 595  | 80   | PX3732029 |
| 24 W  | LED 4000 K | 2870 lm                      | 119 lm/W                | 4,5  | □      | MPRM | 595  | 595  | 80   | PX3732036 |
| 24 W  | LED 3000 K | 2440 lm                      | 101 lm/W                | 4,5  | □      | OPAL | 595  | 595  | 80   | PX3732001 |
| 24 W  | LED 4000 K | 2490 lm                      | 103 lm/W                | 4,5  | □      | OPAL | 595  | 595  | 80   | PX3732008 |
| 38 W  | LED 3000 K | 4660 lm                      | 122 lm/W                | 4,5  | □      | MPRM | 595  | 595  | 80   | PX3732071 |
| 38 W  | LED 4000 K | 4750 lm                      | 125 lm/W                | 4,5  | □      | MPRM | 595  | 595  | 80   | PX3732078 |
| 38 W  | LED 3000 K | 4050 lm                      | 106 lm/W                | 4,5  | □      | OPAL | 595  | 595  | 80   | PX3732043 |
| 38 W  | LED 4000 K | 4130 lm                      | 108 lm/W                | 4,5  | □      | OPAL | 595  | 595  | 80   | PX3732050 |
| 27 W  | LED 3000 K | 3060 lm                      | 113 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3732113 |
| 27 W  | LED 4000 K | 3120 lm                      | 115 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3732120 |
| 27 W  | LED 3000 K | 2600 lm                      | 96 lm/W                 | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3732085 |
| 27 W  | LED 4000 K | 2650 lm                      | 98 lm/W                 | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3732092 |
| 43 W  | LED 3000 K | 5040 lm                      | 117 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3732155 |
| 43 W  | LED 4000 K | 5140 lm                      | 119 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3732162 |
| 43 W  | LED 3000 K | 4300 lm                      | 100 lm/W                | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3732127 |
| 43 W  | LED 4000 K | 4390 lm                      | 102 lm/W                | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3732134 |
| 46 W  | LED 3000 K | 5940 lm                      | 129 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3732197 |
| 46 W  | LED 4000 K | 6070 lm                      | 131 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3732204 |
| 46 W  | LED 3000 K | 5140 lm                      | 111 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3732169 |
| 46 W  | LED 4000 K | 5250 lm                      | 114 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3732176 |
| 76 W  | LED 3000 K | 9790 lm                      | 128 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3732239 |
| 76 W  | LED 4000 K | 9980 lm                      | 131 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3732246 |
| 76 W  | LED 3000 K | 8510 lm                      | 111 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3732211 |
| 76 W  | LED 4000 K | 8680 lm                      | 114 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3732218 |



PISA LED MPRM

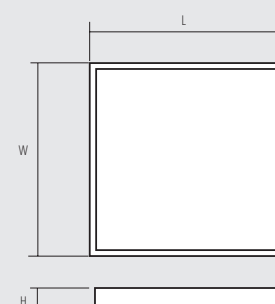


PISA LED OPAL

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

## WYMIARY DIMENSIONS

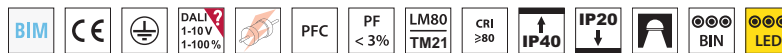
Wymiary podano w tabeli powyżej  
Dimensions given in the table above



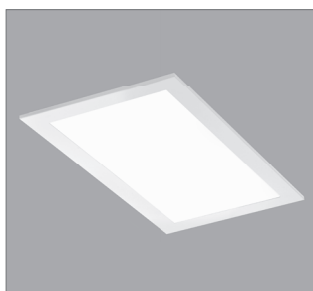




## PISA LED

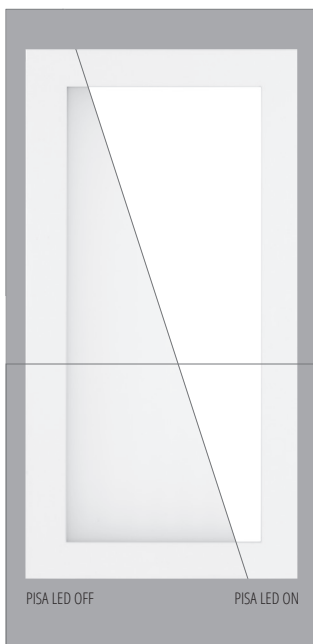


L80 B10 &gt;54 000h • SDCM 3 • LLMF 86% • CRI 84

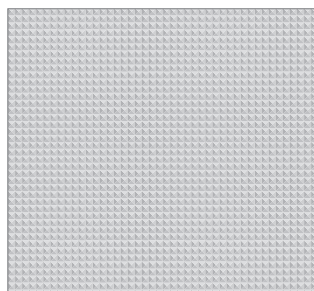


PISA LED 295x595 klosz OPAL  
PISA LEC 295x595 OPAL diffuser

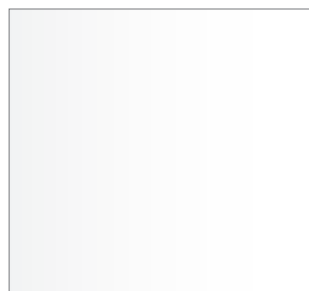
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | L    | W    | H    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|------|------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | [mm] | [mm] | [mm] | CODE      |
| 16 W  | LED 3000 K | 1310 lm                      | 81 lm/W                 | 2,7  | □      | MPRM | 595  | 295  | 80   | PX3732267 |
| 16 W  | LED 4000 K | 1330 lm                      | 83 lm/W                 | 2,7  | □      | MPRM | 595  | 295  | 80   | PX3732271 |
| 16 W  | LED 3000 K | 1170 lm                      | 73 lm/W                 | 2,7  | □      | OPAL | 595  | 295  | 80   | PX3732251 |
| 16 W  | LED 4000 K | 1190 lm                      | 74 lm/W                 | 2,7  | □      | OPAL | 595  | 295  | 80   | PX3732255 |
| 24 W  | LED 3000 K | 2170 lm                      | 90 lm/W                 | 2,7  | □      | MPRM | 595  | 295  | 80   | PX3732291 |
| 24 W  | LED 4000 K | 2210 lm                      | 92 lm/W                 | 2,7  | □      | MPRM | 595  | 295  | 80   | PX3732295 |
| 24 W  | LED 3000 K | 1950 lm                      | 81 lm/W                 | 2,7  | □      | OPAL | 595  | 295  | 80   | PX3732275 |
| 24 W  | LED 4000 K | 1980 lm                      | 82 lm/W                 | 2,7  | □      | OPAL | 595  | 295  | 80   | PX3732279 |



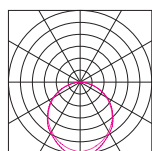
PISA LED ON - równomierna luminancja na powierzchni klosza  
PISA LED ON - a uniform luminance on the surface of the diffuser



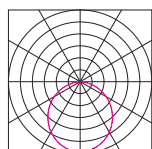
Klosz MPRM  
MPRM diffuser



Klosz OPAL  
OPAL diffuser



PISA LED MPRM

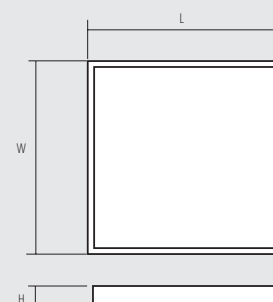


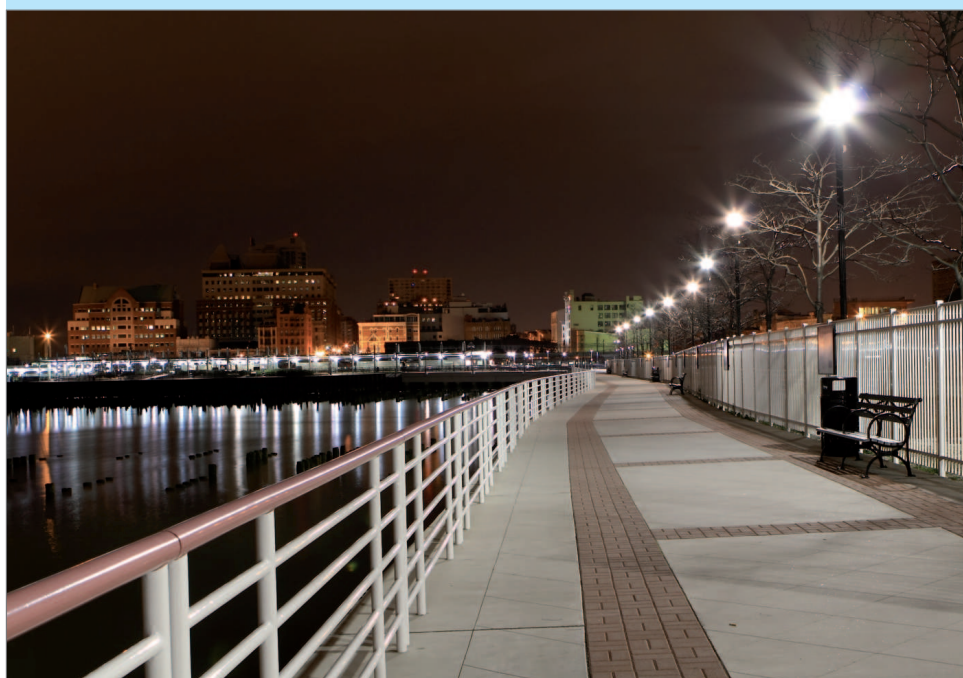
PISA LED OPAL

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

## WYMIARY DIMENSIONS

Wymiary podano w tabeli powyżej  
Dimensions given in the table above





## PIXEL LED

**Wykonanie:** korpus i ramka z odlewu aluminium ze żłobieniami ułatwiającymi odprowadzanie ciepła. Malowane lakierem proszkowym termoutwardzalnym.

Szyba hartowana 4 mm

**Montaż:** naścienny, do podłoża, uchwyt mocujący ze stali nierdzewnej w komplecie

**Zasilanie:** 220 V - 240 V

**Materials:** housing and frame of die cast aluminum with grooves for easier heat dissipation. Covered with thermoset powder paint.

4 mm thick tempered glass.

**Installation:** wall mounted, to the ground, mounting bracket made of stainless steel included

**Power supply:** 220 V - 240 V



# PIXEL LED



L80 B10 >50 000h • CRI 80



PIXEL LED - szyba hartowana o grubości 4 mm  
PIXEL LED - 4 mm tempered glass



Obudowa z odlewu aluminium  
Die-cast aluminium housing

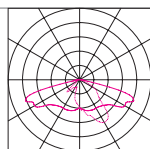


Konstrukcja zapewniająca odprowadzanie ciepła  
Housing designed for heat dissipation

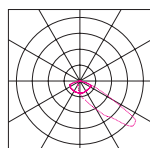
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD          |
|-------|------------|------------------------------|-------------------------|------|--------|------|--------------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE         |
| 35 W  | LED 4000 K | 4760 lm                      | 136 lm/W                | 6,35 | ■      | SM   | CL235643.104 |
| 70 W  | LED 4000 K | 9515 lm                      | 136 lm/W                | 6,35 | ■      | SM   | CL235643.208 |
| 105 W | LED 4000 K | 14275 lm                     | 136 lm/W                | 6,61 | ■      | SM   | CL235643.312 |
| 140 W | LED 4000 K | 19030 lm                     | 136 lm/W                | 6,62 | ■      | SM   | CL235643.416 |
| 35 W  | LED 4000 K | 4560 lm                      | 130 lm/W                | 6,35 | ■      | AS   | CL236643.104 |
| 70 W  | LED 4000 K | 9120 lm                      | 130 lm/W                | 6,35 | ■      | AS   | CL236643.208 |
| 105 W | LED 4000 K | 13670 lm                     | 130 lm/W                | 6,61 | ■      | AS   | CL236643.312 |
| 140 W | LED 4000 K | 18235 lm                     | 130 lm/W                | 6,62 | ■      | AS   | CL236643.416 |
| 35 W  | LED 4000 K | 4475 lm                      | 128 lm/W                | 6,35 | ■      | ST   | CL237643.104 |
| 70 W  | LED 4000 K | 8950 lm                      | 128 lm/W                | 6,35 | ■      | ST   | CL237643.208 |
| 105 W | LED 4000 K | 13420 lm                     | 128 lm/W                | 6,61 | ■      | ST   | CL237643.312 |
| 140 W | LED 4000 K | 17900 lm                     | 128 lm/W                | 6,62 | ■      | ST   | CL237643.416 |
| 35 W  | LED 4000 K | 4400 lm                      | 126 lm/W                | 6,35 | ■      | CYC  | CL238643.104 |
| 70 W  | LED 4000 K | 8800 lm                      | 126 lm/W                | 6,35 | ■      | CYC  | CL238643.208 |
| 105 W | LED 4000 K | 13200 lm                     | 126 lm/W                | 6,61 | ■      | CYC  | CL238643.312 |
| 140 W | LED 4000 K | 17600 lm                     | 126 lm/W                | 6,62 | ■      | CYC  | CL238643.416 |

SM - bez soczewki w celu zwiększenia wydajności  
AS - soczewka asymetryczna 50°  
ST - soczewka drogowa z asymetrią 30°  
CYC - symetryczna, idealna do ścieżek rowerowych

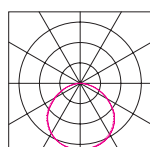
SM - supplied without lens to increase efficiency  
AS - asymmetrical lens with vertex at 50°  
ST - road lens with asymmetry vertex at 30°  
CYC - symmetric road lens ideal for cycle paths



PIXEL ST



PIXEL AS



PIXEL SM

## AKCESORIA ACCESSORIES

| KOLOR  | KOD  | INFO |
|--------|------|------|
| COLOUR | CODE | INFO |

Adaptor do słupa 1x  
Pole adapter 1x

|   |              |     |
|---|--------------|-----|
| ■ | CL923503.001 | Ø40 |
| ■ | CL923503.002 | Ø60 |

Adaptor do słupa 2x  
Pole adapter 2x

|   |              |     |
|---|--------------|-----|
| ■ | CL923503.003 | Ø60 |
|---|--------------|-----|

Adaptor do słupa T 2x  
Pole adapter T 2x

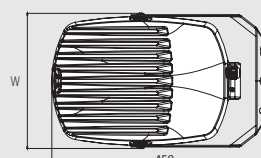
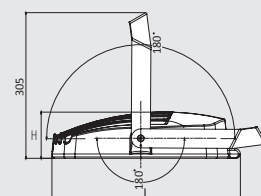
|   |             |         |
|---|-------------|---------|
| ■ | C920004.006 | Ø40/Ø60 |
|---|-------------|---------|

Łącznik ścienny  
Wall joint

|   |              |
|---|--------------|
| ■ | CL920004.001 |
| ■ | CL920002.001 |

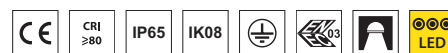
## WYMIARY DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 395  | 283  | 97   |





## PN110Q • PN180Q • PN230Q



L80 B10 >50 000h • CRI 85

| MOC   | ŹRÓDŁO             | [kg] | KOLOR  | KĄT ROZSYŁU         | KOD      |
|-------|--------------------|------|--------|---------------------|----------|
| POWER | LAMP               | [kg] | COLOUR | ANGLE OF LIGHT BEAM | CODE     |
| 4,3 W | LED 430 lm 3000 K  | 0,30 | ■      | 110°                | IV144801 |
| 4,3 W | LED 430 lm 3000 K  | 0,30 | ■      | 110°                | IV144803 |
| 4,3 W | LED 430 lm 3000 K  | 0,30 | □      | 110°                | IV144804 |
| 12 W  | LED 1700 lm 3000 K | 1,10 | ■      | 110°                | IV144501 |
| 12 W  | LED 1700 lm 3000 K | 1,10 | ■      | 110°                | IV144503 |
| 12 W  | LED 1700 lm 3000 K | 1,10 | □      | 110°                | IV144504 |
| 18 W  | LED 2400 lm 3000 K | 1,90 | ■      | 110°                | IV144001 |
| 18 W  | LED 2400 lm 3000 K | 1,90 | ■      | 110°                | IV144003 |
| 18 W  | LED 2400 lm 3000 K | 1,90 | □      | 110°                | IV144004 |



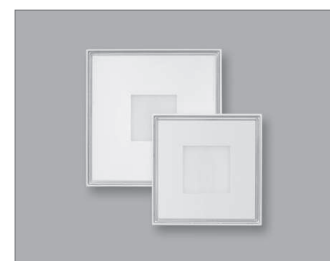
PN110 WERSJA BIAŁA WHITE VERSION OF PN110



PN110 WERSJA CZARNA BLACK VERSION OF PN110



PN230 + PN180



## PN110 • PN180 • PN230

**Wykonanie:** korpus z ciśnieniowego odlewu aluminiowego zabezpieczony odporną na promieniowanie UV powłoką poliestrową w kolorze szarym, białym lub czarnym. Ozdobny, przezroczysty klosz z poliwęglanu.

**Montaż:** nastrogowy, naścienny

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of die-cast aluminum, protected with UV-proof, grey, white or black polyester coating, decorative, transparent polycarbonate diffuser

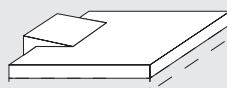
**Installation:** ceiling mounted, wall mounted

**Power supply:** 220 V - 240 V

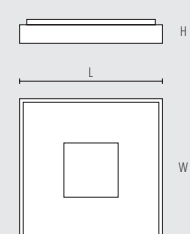
### AKCESORIA ACCESSORIES

Uchwyt ścienny  
do PN110Q  
Wall bracket for PN110Q

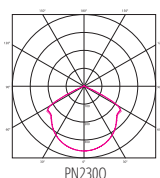
| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,10 | ■      | IV1635101 |
| 0,10 | □      | IV1635104 |



### WYMIARY DIMENSIONS

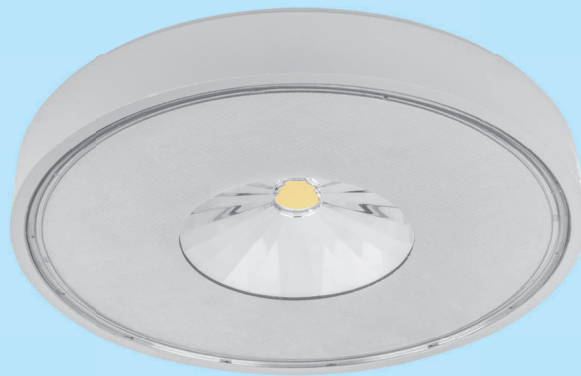


|        | H    | L    | W    |
|--------|------|------|------|
|        | [mm] | [mm] | [mm] |
| PN110Q | 22   | 110  | 110  |
| PN180Q | 30   | 180  | 180  |
| PN230Q | 36   | 230  | 230  |

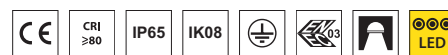


PN230Q



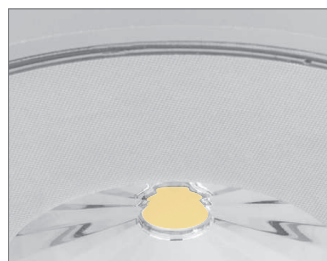


# PN110T • PN210T • PN280T



L80 B10 >50 000h • CRI 85

|        | MOC   | ŹRÓDŁO             | [kg] | KOLOR  | KĄT ROZSYŁU         | KOD      |
|--------|-------|--------------------|------|--------|---------------------|----------|
|        | POWER | LAMP               | [kg] | COLOUR | ANGLE OF LIGHT BEAM | CODE     |
| PN110T | 4,3 W | LED 430 lm 3000 K  | 0,30 | ■      | 110°                | IV144701 |
|        | 4,3 W | LED 430 lm 3000 K  | 0,30 | ■      | 110°                | IV144703 |
|        | 4,3 W | LED 430 lm 3000 K  | 0,30 | □      | 110°                | IV144704 |
| PN210T | 12 W  | LED 1800 lm 3000 K | 1,20 | ■      | 120°                | IV138001 |
|        | 12 W  | LED 1800 lm 3000 K | 1,20 | ■      | 120°                | IV138003 |
|        | 12 W  | LED 1800 lm 3000 K | 1,20 | □      | 120°                | IV138004 |
| PN280T | 30 W  | LED 3800 lm 3000 K | 2,00 | ■      | 120°                | IV139201 |
|        | 30 W  | LED 3800 lm 3000 K | 2,00 | ■      | 120°                | IV139203 |
|        | 30 W  | LED 3800 lm 3000 K | 2,00 | □      | 120°                | IV139204 |



Aluminiowy korpus, klosz z przezroczystego tworzywa odpornego na promieniowanie UV  
Aluminium housing, optic's in UV resistant transparent polycarbonate

## PN210T • PN280T

**Wykonanie:** korpus z ciśnieniowego odlewu aluminiowego zabezpieczony odporną na promieniowanie UV powłoką poliesterową w kolorze szarym, białym lub czarnym. Ozdobny, przezroczysty klosz z poliwęglanu.

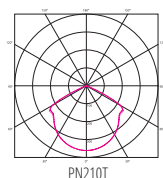
**Montaż:** nastropowy, naścienny

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of die-cast aluminum, protected with UV-proof, grey, white or black polyester coating, decorative, transparent polycarbonate diffuser

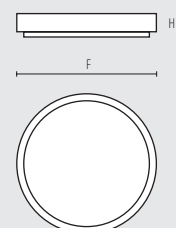
**Installation:** ceiling mounted, wall mounted

**Power supply:** 220 V - 240 V



PN210T

WYMIARY  
DIMENSIONS



|        | H    | F    |
|--------|------|------|
|        | [mm] | [mm] |
| PN110T | 22   | 110  |
| PN210T | 30   | 210  |
| PN280T | 36   | 280  |



## POINT LED

**Wykonanie:** korpus aluminiowy malowany elektrostatycznie (w standardzie kolor biały lub czarny). Fasetowane odbłyśniki z poliwęglanu z wykończeniem lustrzanym. Zakres pracy względem osi poziomej wynosi 350°, a pionowej 90°.

**Montaż:** do szynoprzewodu trójfazowego

**Akcesoria:** przesłona plaster miodu

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted white or black aluminum body. Polished and faceted plastic reflector. It can rotate up to 350° with respect to the vertical axis and pivot up to 90° upwards.

**Installation:** for 3-phase electrical track

**Accessories:** shutter honeycomb

**Power supply:** 220 V - 240 V

# POINT LED



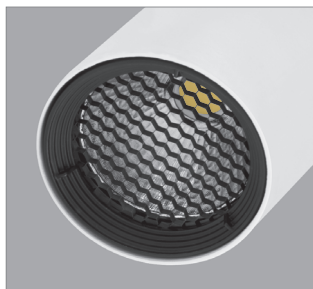
L90 B10 >60 000h • SDCM3 • LLMF 91% • CRI 80



POINT LED wersja czarna  
POINT LED black version



Odbłyśnik fasetowany, dioda LED COB  
Faceted reflector and LED COB



Akcesorium do ograniczenia oślenia - plaster miodu  
Optional accessories to limitation of glare effect - honeycomb

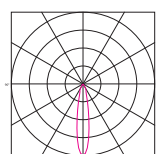
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | KĄT ROŚYŁU             | [kg] | KOLOR  | KOD       |
|-------|------------|----------------------------------|----------------------------|------------------------|------|--------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | ANGLE<br>OF LIGHT BEAM | [kg] | COLOUR | CODE      |
| 15 W  | LED 3000 K | 1320 lm                          | 88 lm/W                    | 20°                    | 1,00 | □      | PX4089002 |
| 15 W  | LED 4000 K | 1360 lm                          | 91 lm/W                    | 20°                    | 1,00 | □      | PX4089023 |
| 15 W  | LED 3000 K | 1300 lm                          | 87 lm/W                    | 45°                    | 1,00 | □      | PX4089086 |
| 15 W  | LED 4000 K | 1340 lm                          | 89 lm/W                    | 45°                    | 1,00 | □      | PX4089107 |
| 21 W  | LED 3000 K | 1810 lm                          | 86 lm/W                    | 20°                    | 1,00 | □      | PX4089009 |
| 21 W  | LED 4000 K | 1870 lm                          | 89 lm/W                    | 20°                    | 1,00 | □      | PX4089030 |
| 21 W  | LED 3000 K | 1770 lm                          | 84 lm/W                    | 45°                    | 1,00 | □      | PX4089093 |
| 21 W  | LED 4000 K | 1830 lm                          | 87 lm/W                    | 45°                    | 1,00 | □      | PX4089114 |
| 29 W  | LED 3000 K | 2460 lm                          | 85 lm/W                    | 20°                    | 1,00 | □      | PX4089016 |
| 29 W  | LED 4000 K | 2540 lm                          | 88 lm/W                    | 20°                    | 1,00 | □      | PX4089037 |
| 29 W  | LED 3000 K | 2410 lm                          | 83 lm/W                    | 45°                    | 1,00 | □      | PX4089100 |
| 29 W  | LED 4000 K | 2490 lm                          | 86 lm/W                    | 45°                    | 1,00 | □      | PX4089121 |
| 15 W  | LED 3000 K | 1320 lm                          | 88 lm/W                    | 20°                    | 1,00 | ■      | PX4089128 |
| 15 W  | LED 4000 K | 1360 lm                          | 91 lm/W                    | 20°                    | 1,00 | ■      | PX4089149 |
| 15 W  | LED 3000 K | 1300 lm                          | 87 lm/W                    | 45°                    | 1,00 | ■      | PX4089212 |
| 15 W  | LED 4000 K | 1340 lm                          | 89 lm/W                    | 45°                    | 1,00 | ■      | PX4089233 |
| 21 W  | LED 3000 K | 1810 lm                          | 86 lm/W                    | 20°                    | 1,00 | ■      | PX4089135 |
| 21 W  | LED 4000 K | 1870 lm                          | 89 lm/W                    | 20°                    | 1,00 | ■      | PX4089156 |
| 21 W  | LED 3000 K | 1770 lm                          | 84 lm/W                    | 45°                    | 1,00 | ■      | PX4089219 |
| 21 W  | LED 4000 K | 1830 lm                          | 87 lm/W                    | 45°                    | 1,00 | ■      | PX4089240 |
| 29 W  | LED 3000 K | 2460 lm                          | 85 lm/W                    | 20°                    | 1,00 | ■      | PX4089142 |
| 29 W  | LED 4000 K | 2540 lm                          | 88 lm/W                    | 20°                    | 1,00 | ■      | PX4089163 |
| 29 W  | LED 3000 K | 2410 lm                          | 83 lm/W                    | 45°                    | 1,00 | ■      | PX4089226 |
| 29 W  | LED 4000 K | 2490 lm                          | 86 lm/W                    | 45°                    | 1,00 | ■      | PX4089247 |

Na zapytanie:

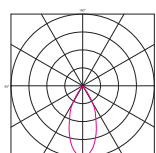
- Sterowanie DALI (tylko dla mocy 15W)
- Wersje z podwyższonym współczynnikiem oddawania barw CRI
- Wersje z temperaturą barwową dostosowaną do oświetlanych przedmiotów (ekspozycje muzealne, mięso, warzywa, owoce, ryby)

On request:

- DALI control system (only for 15W versions)
- Versions with increased CRI factor
- Versions with colour light temperature adjusted to subject illumination (museum exhibitions, meat, vegetables, fruits, fish)



POINT LED 20°



POINT LED 45°

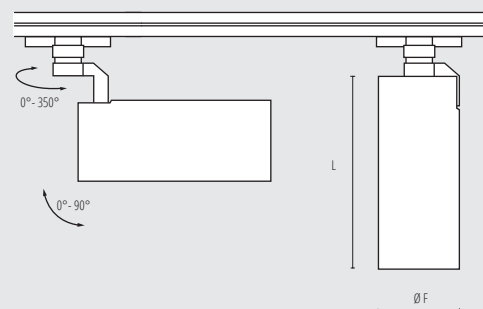
## AKCESORIA ACCESSORIES

Plaster miodu  
Honeycomb

| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,01 | ■      | PX4089260 |

## WYMIARY DIMENSIONS

| L    | Ø F  |
|------|------|
| [mm] | [mm] |
| 180  | 80   |





## POINT LED SPECIAL

**Wykonanie:** korpus aluminiowy malowany elektrostatycznie (w standardzie kolor biały lub czarny). Fasetowane odbłyśniki z poliwęglanu z wykończeniem lustrzanym. Zakres pracy względem osi poziomej wynosi 350°, a pionowej 90°.

**Montaż:** do szynoprzewodu trójfazowego

**Akcesoria:** przesłona plaster miodu

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted white or black aluminum body. Polished and faceted plastic reflector. It can rotate up to 350° with respect to the vertical axis and pivot up to 90° upwards.

**Installation:** for 3-phase electrical track

**Accessories:** shutter honeycomb

**Power supply:** 220 V - 240 V



# POINT LED SPECIAL

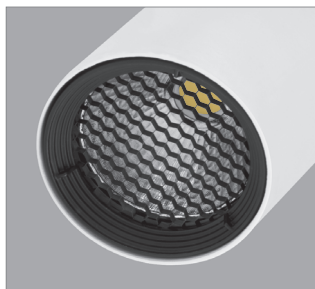
NOWOŚĆ



POINT LED wersja czarna  
POINT LED black version



Odbłyśnik fasetowany, dioda LED COB  
Faceted reflector and LED COB



Akcesorium do ograniczenia ośnienia - plaster miodu  
Optional accessories to limitation of glare effect - honeycomb



L90 B10 >60 000h • SDCM3 • LLMF 91% • CRI 86 ÷ 96

| MOC   | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | KĄT ROŚYŁU             | [kg] | INFO                                   | KOD                                | KOD                                           |
|-------|--------|----------------------------------|----------------------------|------------------------|------|----------------------------------------|------------------------------------|-----------------------------------------------|
| POWER | LAMP   | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | ANGLE<br>OF LIGHT BEAM | [kg] | INFO                                   | CODE                               | CODE                                          |
| 15 W  | LED    | 820 lm                           | 55 lm/W                    | 20°                    | 1,00 | Gold+<br>(Bread)                       | <input type="checkbox"/> PX4089262 | <input checked="" type="checkbox"/> PX4089322 |
| 21 W  | LED    | 1120 lm                          | 53 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089264 | <input checked="" type="checkbox"/> PX4089324 |
| 29 W  | LED    | 1530 lm                          | 53 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089266 | <input checked="" type="checkbox"/> PX4089326 |
| 15 W  | LED    | 1150 lm                          | 77 lm/W                    | 20°                    | 1,00 | Gold<br>(Red and orange<br>vegetables) | <input type="checkbox"/> PX4089268 | <input checked="" type="checkbox"/> PX4089328 |
| 21 W  | LED    | 1570 lm                          | 75 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089270 | <input checked="" type="checkbox"/> PX4089330 |
| 29 W  | LED    | 2140 lm                          | 74 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089272 | <input checked="" type="checkbox"/> PX4089332 |
| 15 W  | LED    | 820 lm                           | 55 lm/W                    | 20°                    | 1,00 | Meat+                                  | <input type="checkbox"/> PX4089274 | <input checked="" type="checkbox"/> PX4089334 |
| 21 W  | LED    | 1120 lm                          | 53 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089276 | <input checked="" type="checkbox"/> PX4089336 |
| 29 W  | LED    | 1520 lm                          | 52 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089278 | <input checked="" type="checkbox"/> PX4089338 |
| 15 W  | LED    | 1180 lm                          | 79 lm/W                    | 20°                    | 1,00 | Fashion                                | <input type="checkbox"/> PX4089280 | <input checked="" type="checkbox"/> PX4089340 |
| 21 W  | LED    | 1610 lm                          | 77 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089282 | <input checked="" type="checkbox"/> PX4089342 |
| 29 W  | LED    | 2190 lm                          | 76 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089284 | <input checked="" type="checkbox"/> PX4089344 |
| 15 W  | LED    | 1280 lm                          | 85 lm/W                    | 20°                    | 1,00 | Fish                                   | <input type="checkbox"/> PX4089286 | <input checked="" type="checkbox"/> PX4089346 |
| 21 W  | LED    | 1740 lm                          | 83 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089288 | <input checked="" type="checkbox"/> PX4089348 |
| 29 W  | LED    | 2370 lm                          | 82 lm/W                    | 20°                    | 1,00 |                                        | <input type="checkbox"/> PX4089290 | <input checked="" type="checkbox"/> PX4089350 |
| 15 W  | LED    | 810 lm                           | 54 lm/W                    | 45°                    | 1,00 | Gold+ (Bread)                          | <input type="checkbox"/> PX4089292 | <input checked="" type="checkbox"/> PX4089352 |
| 21 W  | LED    | 1100 lm                          | 52 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089294 | <input checked="" type="checkbox"/> PX4089354 |
| 29 W  | LED    | 1510 lm                          | 52 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089296 | <input checked="" type="checkbox"/> PX4089356 |
| 15 W  | LED    | 1140 lm                          | 76 lm/W                    | 45°                    | 1,00 | Gold<br>(Red and orange<br>vegetables) | <input type="checkbox"/> PX4089298 | <input checked="" type="checkbox"/> PX4089358 |
| 21 W  | LED    | 1550 lm                          | 74 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089300 | <input checked="" type="checkbox"/> PX4089360 |
| 29 W  | LED    | 2110 lm                          | 73 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089302 | <input checked="" type="checkbox"/> PX4089362 |
| 15 W  | LED    | 810 lm                           | 54 lm/W                    | 45°                    | 1,00 | Meat+                                  | <input type="checkbox"/> PX4089304 | <input checked="" type="checkbox"/> PX4089364 |
| 21 W  | LED    | 1100 lm                          | 52 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089306 | <input checked="" type="checkbox"/> PX4089366 |
| 29 W  | LED    | 1500 lm                          | 52 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089308 | <input checked="" type="checkbox"/> PX4089368 |
| 15 W  | LED    | 1160 lm                          | 77 lm/W                    | 45°                    | 1,00 | Fashion                                | <input type="checkbox"/> PX4089310 | <input checked="" type="checkbox"/> PX4089370 |
| 21 W  | LED    | 1580 lm                          | 75 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089312 | <input checked="" type="checkbox"/> PX4089372 |
| 29 W  | LED    | 2160 lm                          | 74 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089314 | <input checked="" type="checkbox"/> PX4089374 |
| 15 W  | LED    | 1260 lm                          | 84 lm/W                    | 45°                    | 1,00 | Fish                                   | <input type="checkbox"/> PX4089316 | <input checked="" type="checkbox"/> PX4089376 |
| 21 W  | LED    | 1710 lm                          | 81 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089318 | <input checked="" type="checkbox"/> PX4089378 |
| 29 W  | LED    | 2330 lm                          | 80 lm/W                    | 45°                    | 1,00 |                                        | <input type="checkbox"/> PX4089320 | <input checked="" type="checkbox"/> PX4089380 |

Na zapytanie:  
- Sterowanie DALI (tylko dla mocy 15W)

On request:  
- DALI control system (only for 15W versions)

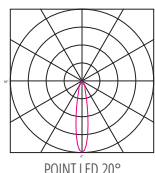
AKCESORIA  
ACCESSORIES

Plaster miodu  
Honeycomb

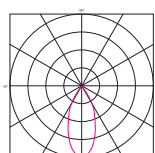
| [kg] | KOLOR                               | KOD       |
|------|-------------------------------------|-----------|
| [kg] | COLOUR                              | CODE      |
| 0,01 | <input checked="" type="checkbox"/> | PX4089260 |

WYMIARY  
DIMENSIONS

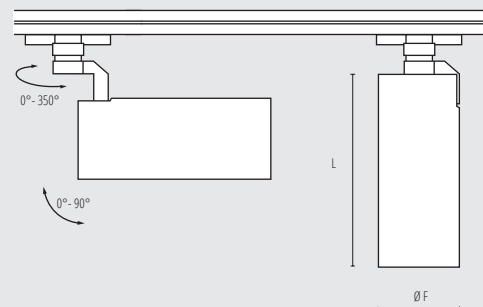
| L    | Ø F  |
|------|------|
| [mm] | [mm] |
| 180  | 80   |



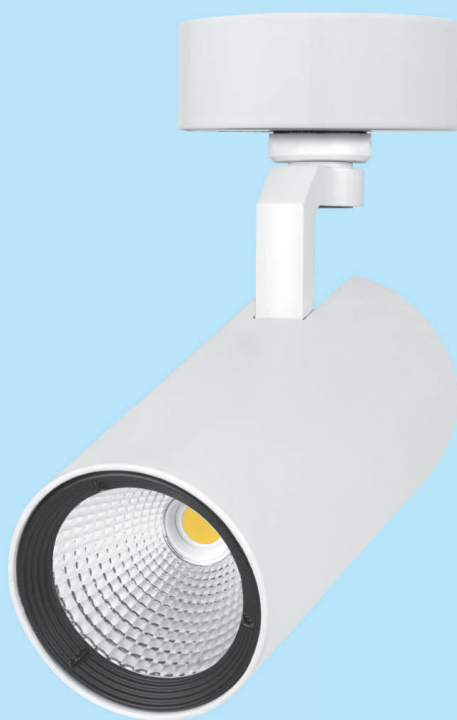
POINT LED 20°



POINT LED 45°







## POINT NT LED

**Wykonanie:** korpus aluminiowy malowany elektrostatycznie (w standardzie kolor biały lub czarny). Fasetowane odbłyśniki z poliwęglanu z wykończeniem lustrzanym. Zakres pracy względem osi poziomej wynosi 350°, a pionowej 90°.

**Montaż:** natynkowy

**Akcesoria:** przesłona plaster miodu

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted white or black aluminum body. Polished and faceted plastic reflector. It can rotate up to 350° with respect to the vertical axis and pivot up to 90° upwards.

**Installation:** surface mounted

**Accessories:** shutter honeycomb

**Power supply:** 220 V - 240 V

# POINT NT LED

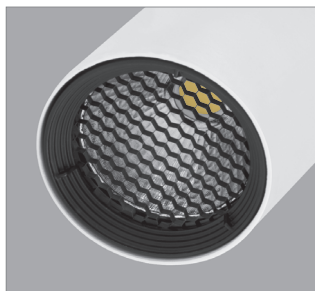
NOWOŚĆ



POINT NT LED wersja czarna  
POINT NT LED black version



Odbłyśnik fasetowany, dioda LED COB  
Faceted reflector and LED COB



Akcesorium do ograniczenia ośnienia - plaster miodu  
Optional accessories to limitation of glare effect - honeycomb



L90 B10 >60 000h • SDCM3 • LLMF 91% • CRI 80

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | KĄT ROŚYŁU             | [kg] | KOLOR  | KOD       |
|-------|------------|----------------------------------|----------------------------|------------------------|------|--------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | ANGLE<br>OF LIGHT BEAM | [kg] | COLOUR | CODE      |
| 15 W  | LED 3000 K | 1320 lm                          | 88 lm/W                    | 20°                    | 1,10 | □      | PX4101001 |
| 15 W  | LED 4000 K | 1360 lm                          | 91 lm/W                    | 20°                    | 1,10 | □      | PX4101022 |
| 15 W  | LED 3000 K | 1300 lm                          | 87 lm/W                    | 45°                    | 1,10 | □      | PX4101043 |
| 15 W  | LED 4000 K | 1340 lm                          | 89 lm/W                    | 45°                    | 1,10 | □      | PX4101064 |
| 21 W  | LED 3000 K | 1810 lm                          | 86 lm/W                    | 20°                    | 1,10 | □      | PX4101008 |
| 21 W  | LED 4000 K | 1870 lm                          | 89 lm/W                    | 20°                    | 1,10 | □      | PX4101029 |
| 21 W  | LED 3000 K | 1770 lm                          | 84 lm/W                    | 45°                    | 1,10 | □      | PX4101071 |
| 21 W  | LED 4000 K | 1830 lm                          | 87 lm/W                    | 45°                    | 1,10 | □      | PX4101050 |
| 29 W  | LED 3000 K | 2460 lm                          | 85 lm/W                    | 20°                    | 1,10 | □      | PX4101015 |
| 29 W  | LED 4000 K | 2540 lm                          | 88 lm/W                    | 20°                    | 1,10 | □      | PX4101036 |
| 29 W  | LED 3000 K | 2410 lm                          | 83 lm/W                    | 45°                    | 1,10 | □      | PX4101057 |
| 29 W  | LED 4000 K | 2490 lm                          | 86 lm/W                    | 45°                    | 1,10 | □      | PX4101078 |
| 15 W  | LED 3000 K | 1320 lm                          | 88 lm/W                    | 20°                    | 1,10 | ■      | PX4101085 |
| 15 W  | LED 4000 K | 1360 lm                          | 91 lm/W                    | 20°                    | 1,10 | ■      | PX4101106 |
| 15 W  | LED 3000 K | 1300 lm                          | 87 lm/W                    | 45°                    | 1,10 | ■      | PX4101127 |
| 15 W  | LED 4000 K | 1340 lm                          | 89 lm/W                    | 45°                    | 1,10 | ■      | PX4101148 |
| 21 W  | LED 3000 K | 1810 lm                          | 86 lm/W                    | 20°                    | 1,10 | ■      | PX4101092 |
| 21 W  | LED 4000 K | 1870 lm                          | 89 lm/W                    | 20°                    | 1,10 | ■      | PX4101113 |
| 21 W  | LED 3000 K | 1770 lm                          | 84 lm/W                    | 45°                    | 1,10 | ■      | PX4101134 |
| 21 W  | LED 4000 K | 1830 lm                          | 87 lm/W                    | 45°                    | 1,10 | ■      | PX4101155 |
| 29 W  | LED 3000 K | 2460 lm                          | 85 lm/W                    | 20°                    | 1,10 | ■      | PX4101099 |
| 29 W  | LED 4000 K | 2540 lm                          | 88 lm/W                    | 20°                    | 1,10 | ■      | PX4101120 |
| 29 W  | LED 3000 K | 2410 lm                          | 83 lm/W                    | 45°                    | 1,10 | ■      | PX4101141 |
| 29 W  | LED 4000 K | 2490 lm                          | 86 lm/W                    | 45°                    | 1,10 | ■      | PX4101162 |

Na zapytanie:

- Sterowanie DALI (tylko dla mocy 15W)
- Wersje z podwyższonym współczynnikiem oddawania barw CRI
- Wersje z temperaturą barwową dostosowaną do oświetlanych przedmiotów (ekspozyty muzealne, mięso, warzywa, owoce, ryby)

On request:

- DALI control system (only for 15W versions)
- Versions with increased CRI factor
- Versions with colour light temperature adjusted to subject illumination (museum exhibitions, meat, vegetables, fruits, fish)

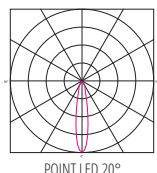
## AKCESORIA ACCESSORIES

Plaster miodu  
Honeycomb

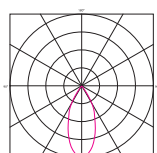
| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,01 | ■      | PX4089260 |

## WYMIARY DIMENSIONS

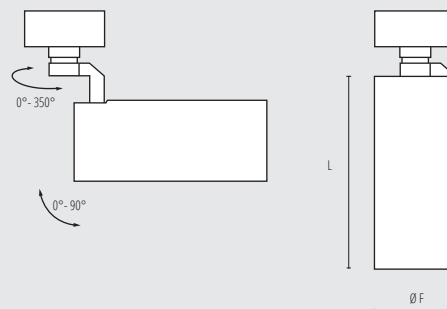
| L    | Ø F  |
|------|------|
| [mm] | [mm] |
| 180  | 80   |

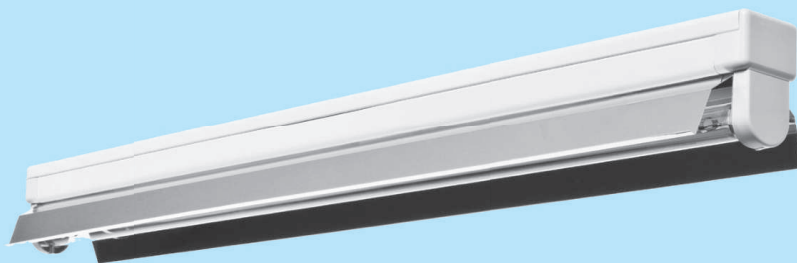


POINT LED 20°



POINT LED 45°





Lampa o mocy 30 W powinna przypadać na jedno pomieszczenie o objętości do 45m<sup>3</sup>. Duże różnice w odporności poszczególnych mikroorganizmów na promieniowanie UV sprawiają, że czas naświetlania pomieszczeń może być bardzo zróżnicowany.

One 30 W lamp should operate in a room of cubature up to 45m<sup>3</sup>.

Large differences in individual resistance of microorganisms to UV radiation diversifies the room exposure time.

## POKER BAKTERIO



| MOC    | ŹRÓDŁO                 | [kg]                    | KOLOR  | INFO                                                               | KOD       |
|--------|------------------------|-------------------------|--------|--------------------------------------------------------------------|-----------|
| POWER  | LAMP                   | [kg]                    | COLOUR | INFO                                                               | CODE      |
| 1x30 W | T8 /G13/ OSRAM HNS 30W | 1,57                    | □      | WG                                                                 | PX1804101 |
|        |                        | UVC 200 - 280 nm: 13,4W |        | Źródło światła HNS 30W w komplecie / HNS 30W light source included |           |

Oprawa bakteriobójcza bezpośredniego działania przeznaczona do podniesienia i utrzymania poziomu czystości mikrobiologicznej pomieszczeń. Promieniowanie emitowane przez źródło światła nieodwracalnie niszczy bakterie, wirusy, pleśnie, grzyby i inne drobnoustroje nie pozostawiając możliwości uodpornienia się na tego typu dezynfekcję.

**Zastosowanie:** bloki operacyjne, gabinety zabiegowe, sale chorych, przychodnie lekarskie, laboratoria, apteki, przemysł farmaceutyczny, spożywczy oraz kosmetyczny

**Wykonanie:** obudowa z blachy stalowej malowanej elektrolitycznie w kolorze białym, odbłyśnik z blachy aluminiowej, oprawki oraz boczki z ABS, osłony oprawek świetłówek zabezpieczające przed promieniowaniem UV

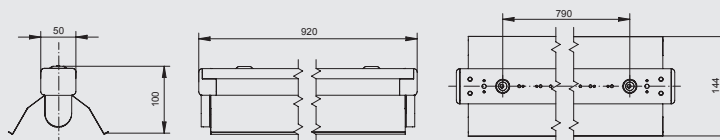
**Montaż:** nastropowy

Germicidal luminaire designed to improve and maintain the level of microbiological cleanliness. Radiation emitted by the lamp irreversibly destroys bacteria, viruses, molds, fungi and other microorganisms without possibility to resist against this type of disinfection.

**Application:** operating units, treatment rooms, wards, clinics, laboratories, pharmacies, pharmaceutical and cosmetic industries, food production facilities

**Materials:** steel housing electrostatically painted in white, aluminum reflector, side panels made of ABS, lamp holders cover protecting against UV rays

**Installation:** ceiling mounted



## VIRUS 215



| MOC    | ŹRÓDŁO                     | [kg] | KOLOR  | KOD       |
|--------|----------------------------|------|--------|-----------|
| POWER  | LAMP                       | [kg] | COLOUR | CODE      |
| 2x15 W | T8 /G13/ OSRAM HNS 15W OFR | 5,80 | □      | PX2083111 |

Bakteriobójcza oprawa przystosowana do pracy ciągłej, obniżająca w powietrzu stężenie mikroorganizmów takich jak wirusy, bakterie, zarodniki grzybów. Oprawa wyposażona w filtr mechaniczny i licznik czasu pracy. Wydajność oprawy do 38 m<sup>3</sup>/h.

**Wykonanie:** obudowa z aluminium malowanego elektrolitycznie (w standardzie kolor biały), łącznik sufitowy w komplecie.

**Montaż:** naścienny, sufitowy, zwieszany

**Akcesoria:** zawieszenie zwykłe i elektryczne, łącznik ścienny

**Zasilanie:** 220 V - 240 V

Germicidal air sterilizer designed for continuous work, reducing the concentration of microorganisms such as viruses, microbes, fungal spores, etc. in the air. The luminaire is equipped with mechanical filter and working time counter. Efficiency of the luminaire: till 38 m<sup>3</sup>/h.

**Materials:** powder painted, aluminum housing (grey colour in standard), ceiling joint in set

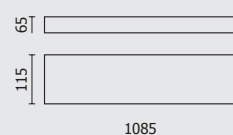
**Installation:** wall mounted, surface mounted

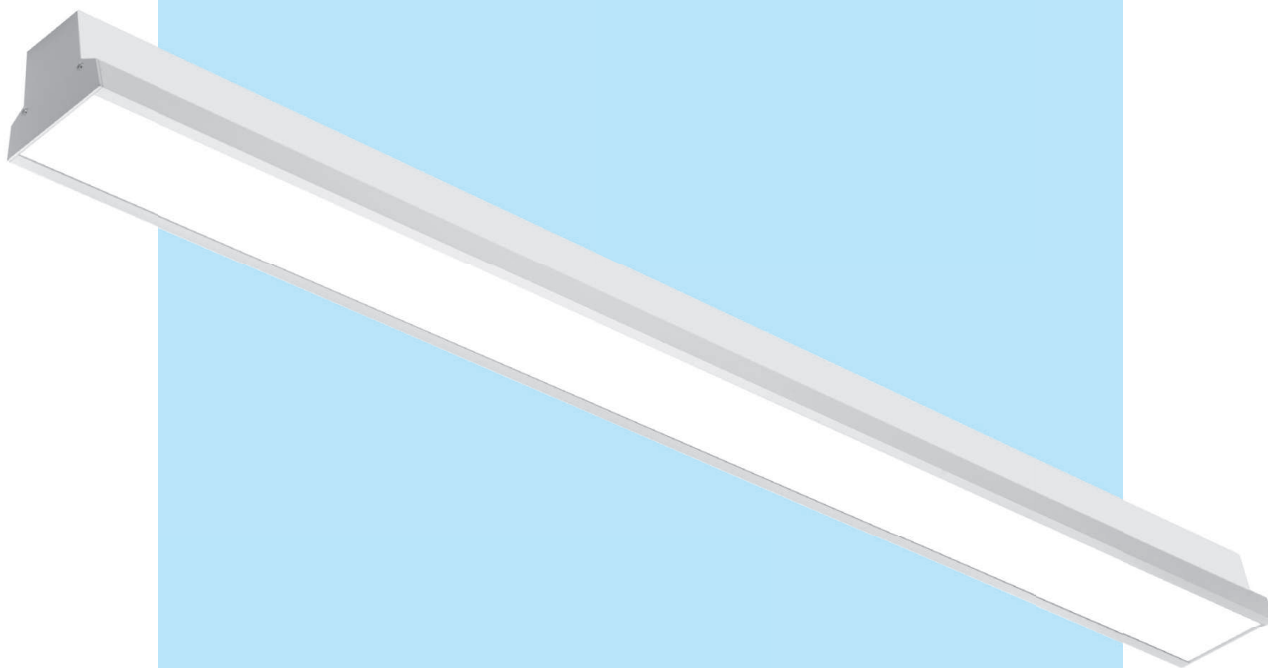
**Accessories:** simple and electric suspension, wall joint

**Power supply:** 220 V - 240 V

|                                                |      |      |           |   |
|------------------------------------------------|------|------|-----------|---|
| Zawieszenie zwykłe<br>Simple suspension        | 0,10 | INOX | PX0922143 | * |
| Zawieszenie elektryczne<br>Electric suspension | 0,20 | ■    | PX0922021 | * |
|                                                | 0,20 | □    | PX0922032 | * |

\* Standardowa długość zwieszki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m





## POKER LS LED

Przemysłowa linia Świetlna. Posiada oprzewodowanie przelotowe 5-cio torowe o obciążalności 16 A na fazę, zakończone szybkozłączkami.

**Wykonanie:** obudowa z profilu aluminiowego malowanego elektrostáticamente (standardowo w kolorze białym), klosz mikro-pryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** zwieszany

**Akcesoria:** zawieszenie zwykłe, zawieszenie elektryczne, łącznik S, łączuszek, łącznik liniowy niewidoczny, zaczep pod zawieszenie zwykłe, zaczep pod łączuszek, końcówka, maskownica IP40, okablowanie przelotowe

**Zasilanie:** 220 V - 240 V

Industrial lighting line. The line includes 5-wire 16A cabling with fast-linkage system.

**Materials:** housing made of electrostatically painted aluminum (standard colour: white), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** suspended

**Accessories:** simple suspension, electric suspension, S joint, chain, invisible linear joint, hitch for simple suspension, chain hitch, end cap, masking cover IP40, through wiring

**Power supply:** 220 V - 240 V

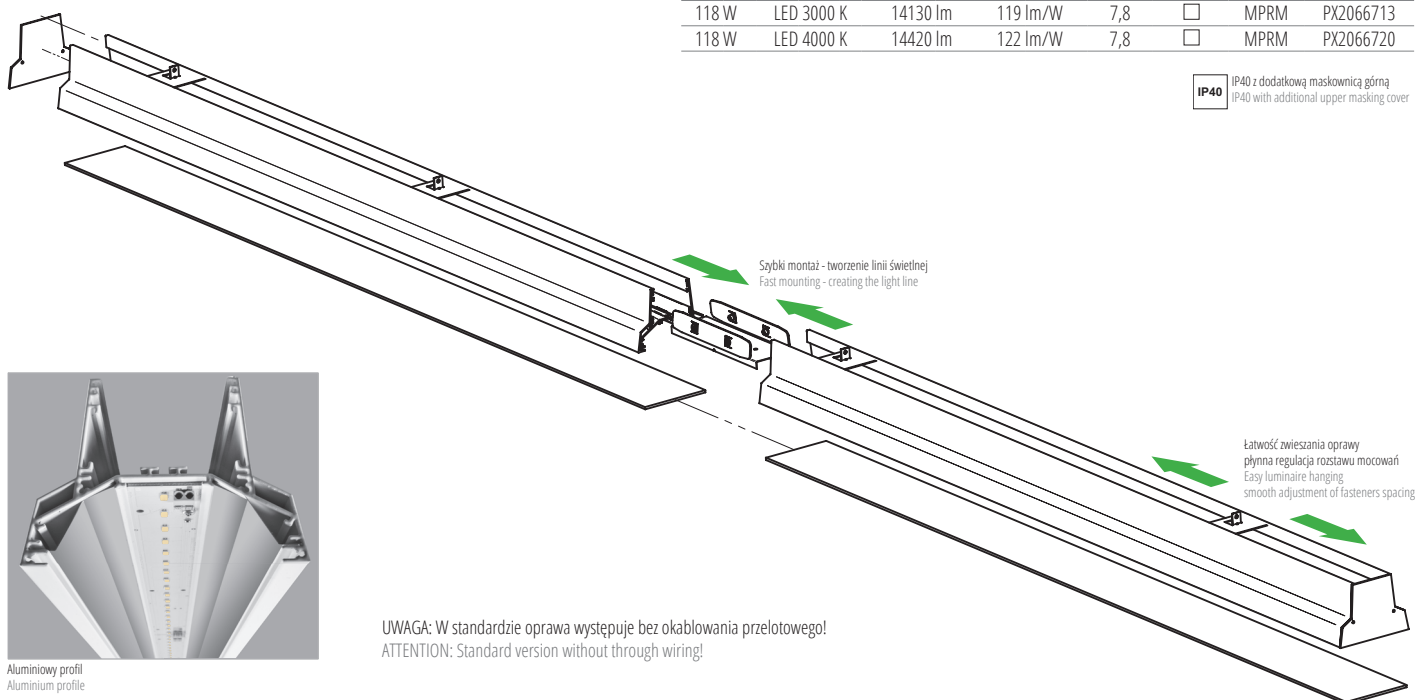


## POKER LS LED

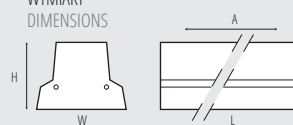


L80 B10 &gt;51 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | INFO | CODE      |
| 47 W  | LED 3000 K | 5400 lm                      | 114 lm/W                | 3,25 | <input type="checkbox"/> | OPAL | PX2066601 |
| 47 W  | LED 4000 K | 5510 lm                      | 117 lm/W                | 3,25 | <input type="checkbox"/> | OPAL | PX2066608 |
| 73 W  | LED 3000 K | 8100 lm                      | 110 lm/W                | 4,4  | <input type="checkbox"/> | OPAL | PX2066638 |
| 73 W  | LED 4000 K | 8260 lm                      | 113 lm/W                | 4,4  | <input type="checkbox"/> | OPAL | PX2066640 |
| 118 W | LED 3000 K | 13490 lm                     | 114 lm/W                | 7,8  | <input type="checkbox"/> | OPAL | PX2066652 |
| 118 W | LED 4000 K | 13770 lm                     | 116 lm/W                | 7,8  | <input type="checkbox"/> | OPAL | PX2066654 |
| 47 W  | LED 3000 K | 5650 lm                      | 120 lm/W                | 3,25 | <input type="checkbox"/> | MPRM | PX2066657 |
| 47 W  | LED 4000 K | 5770 lm                      | 122 lm/W                | 3,25 | <input type="checkbox"/> | MPRM | PX2066664 |
| 73 W  | LED 3000 K | 8480 lm                      | 116 lm/W                | 4,4  | <input type="checkbox"/> | MPRM | PX2066694 |
| 73 W  | LED 4000 K | 8650 lm                      | 118 lm/W                | 4,4  | <input type="checkbox"/> | MPRM | PX2066696 |
| 118 W | LED 3000 K | 14130 lm                     | 119 lm/W                | 7,8  | <input type="checkbox"/> | MPRM | PX2066713 |
| 118 W | LED 4000 K | 14420 lm                     | 122 lm/W                | 7,8  | <input type="checkbox"/> | MPRM | PX2066720 |

Przemysłowa linia świetlna  
Industrial lighting lineIP40 z dodatkową maskownicą górną  
IP40 with additional upper masking coverUWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION: Standard version without through wiring!Aluminiowy profil  
Aluminium profileAKCESORIA  
ACCESSORIESZawieszenie zwykłe  
Simple suspensionZawieszenie elektryczne  
Electric suspensionKońcówka  
End capŁącznik liniowy niewidoczny  
Invisible linear jointZacząp pod zawieszenie zwykłe  
Hitch for simple suspensionZacząp pod łańcuszek  
Chain hitchŁącznik S  
S joint

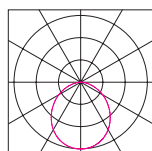
| [kg]                                                                                              | KOLOR                    | KOD       | INFO |
|---------------------------------------------------------------------------------------------------|--------------------------|-----------|------|
| [kg]                                                                                              | COLOUR                   | CODE      | INFO |
| 0,10                                                                                              | INOX                     | PX0922143 | *    |
| * Standardowa długość zwieszeń maksymalnie 1,5 m<br>* Standard length of suspension maximum 1,5 m |                          |           |      |
| 0,20                                                                                              | <input type="checkbox"/> | PX0922021 | *    |
| 0,20                                                                                              | <input type="checkbox"/> | PX0922032 | *    |

0,10 ☐ PX2066821 1st. 1 pcs.0,90 ☐ PX2066801 Komplet 3el. Set 3 pcs.☐ PX2066808 1st. 1 pcs.☐ PX2066815 1st. 1 pcs.0,50 ☐ PX1903164 1st. 1 pcs.WMIARY  
DIMENSIONSA - regulacja rozstawu mocowań  
A - adjustment of fasteners spacingŁańcuszek  
ChainMaskownica IP40  
Masking cover IP40Okablowanie  
przelotowe  
Through wiring

| MOC   | L    | W    | H    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 47 W  | 1200 | 100  | 75   |
| 73 W  | 1800 | 100  | 75   |
| 118 W | 3000 | 100  | 75   |

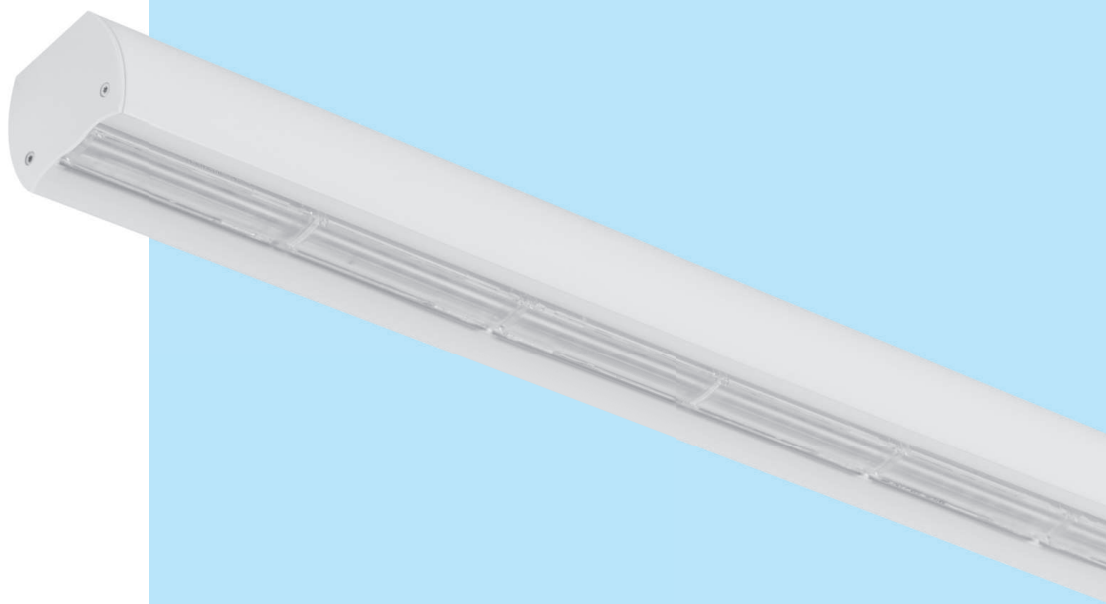
| [kg]   | KOLOR                    | KOD       | INFO    |
|--------|--------------------------|-----------|---------|
| [kg]   | COLOUR                   | CODE      | INFO    |
| 0,10/m | <input type="checkbox"/> | PX1903171 | L = 1 m |
| 0,30   | <input type="checkbox"/> | PX2066836 | 1200    |
| 0,45   | <input type="checkbox"/> | PX2066843 | 1800    |
| 0,75   | <input type="checkbox"/> | PX2066850 | 3000    |

|      |                          |           |         |
|------|--------------------------|-----------|---------|
| 0,25 | <input type="checkbox"/> | PX2066912 | 5x 1200 |
| 0,35 | <input type="checkbox"/> | PX2066918 | 5x 1800 |
| 0,45 | <input type="checkbox"/> | PX2066930 | 5x 3000 |



POKER LS LED OPAL





## POKER LS MICRO LED

**Wykonanie:** obudowa z profilu aluminiowego malowanego elektrostycznie (standardowo w kolorze białym), klosz półprzezroczysty. Układ optyczny SYM60°, SYM90°, ASYM, RETAIL

**Montaż:** zwieszany

**Akcesoria:** zawieszenie zwykłe, zawieszenie elektryczne, końcówka, łącznik liniowy niewidoczny, maskownica górna IP40, okablowanie przelotowe

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of electrostatically painted aluminum (standard colour: white), semi-transparent diffuser. Optical system SYM60°, SYM90°, ASYM, RETAIL

**Installation:** suspended

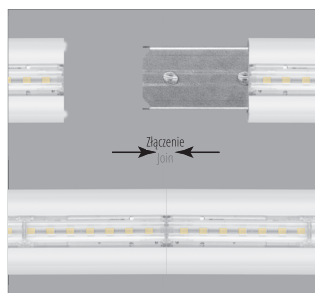
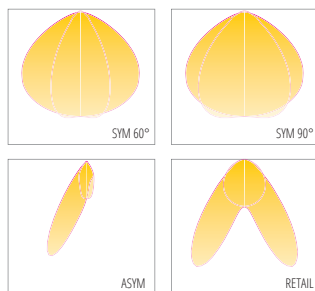
**Accessories:** simple suspension, electric suspension, end cap, invisible linear joint, upper cover IP40, through wiring

**Power supply:** 220 V - 240 V

## POKER LS MICRO LED

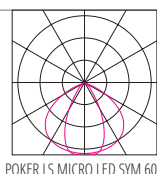


L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

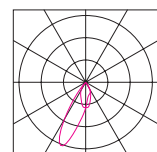
POKER LS MICRO LED - profil z aluminium  
POKER LS MICRO LED - aluminium profileŁączenie w linie  
Inline mountingOptyka  
Optics

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR                    | INFO    | KOD       |
|-------|------------|----------------------------------|----------------------------|------|--------------------------|---------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR                   | INFO    | CODE      |
| 22 W  | LED 3000 K | 3200 lm                          | 145 lm/W                   | 1,8  | <input type="checkbox"/> | SYM 60° | PX4086601 |
| 22 W  | LED 4000 K | 3300 lm                          | 150 lm/W                   | 1,8  | <input type="checkbox"/> | SYM 60° | PX4086608 |
| 32 W  | LED 3000 K | 4800 lm                          | 150 lm/W                   | 2,5  | <input type="checkbox"/> | SYM 60° | PX4086615 |
| 32 W  | LED 4000 K | 4950 lm                          | 155 lm/W                   | 2,5  | <input type="checkbox"/> | SYM 60° | PX4086622 |
| 51 W  | LED 3000 K | 8000 lm                          | 157 lm/W                   | 3,9  | <input type="checkbox"/> | SYM 60° | PX4086629 |
| 51 W  | LED 4000 K | 8250 lm                          | 162 lm/W                   | 3,9  | <input type="checkbox"/> | SYM 60° | PX4086636 |
| 60 W  | LED 3000 K | 9600 lm                          | 160 lm/W                   | 4,6  | <input type="checkbox"/> | SYM 60° | PX4086643 |
| 60 W  | LED 4000 K | 9900 lm                          | 165 lm/W                   | 4,6  | <input type="checkbox"/> | SYM 60° | PX4086650 |
| 22 W  | LED 3000 K | 3120 lm                          | 142 lm/W                   | 1,8  | <input type="checkbox"/> | SYM 90° | PX4086657 |
| 22 W  | LED 4000 K | 3210 lm                          | 146 lm/W                   | 1,8  | <input type="checkbox"/> | SYM 90° | PX4086664 |
| 32 W  | LED 3000 K | 4680 lm                          | 146 lm/W                   | 2,5  | <input type="checkbox"/> | SYM 90° | PX4086671 |
| 32 W  | LED 4000 K | 4810 lm                          | 150 lm/W                   | 2,5  | <input type="checkbox"/> | SYM 90° | PX4086678 |
| 51 W  | LED 3000 K | 7790 lm                          | 153 lm/W                   | 3,9  | <input type="checkbox"/> | SYM 90° | PX4086685 |
| 51 W  | LED 4000 K | 8020 lm                          | 157 lm/W                   | 3,9  | <input type="checkbox"/> | SYM 90° | PX4086692 |
| 60 W  | LED 3000 K | 9350 lm                          | 156 lm/W                   | 4,6  | <input type="checkbox"/> | SYM 90° | PX4086699 |
| 60 W  | LED 4000 K | 9620 lm                          | 160 lm/W                   | 4,6  | <input type="checkbox"/> | SYM 90° | PX4086706 |
| 22 W  | LED 3000 K | 3190 lm                          | 145 lm/W                   | 1,8  | <input type="checkbox"/> | ASYM    | PX4086713 |
| 22 W  | LED 4000 K | 3290 lm                          | 150 lm/W                   | 1,8  | <input type="checkbox"/> | ASYM    | PX4086720 |
| 32 W  | LED 3000 K | 4780 lm                          | 149 lm/W                   | 2,5  | <input type="checkbox"/> | ASYM    | PX4086727 |
| 32 W  | LED 4000 K | 4930 lm                          | 154 lm/W                   | 2,5  | <input type="checkbox"/> | ASYM    | PX4086734 |
| 51 W  | LED 3000 K | 7970 lm                          | 156 lm/W                   | 3,9  | <input type="checkbox"/> | ASYM    | PX4086741 |
| 51 W  | LED 4000 K | 8220 lm                          | 161 lm/W                   | 3,9  | <input type="checkbox"/> | ASYM    | PX4086748 |
| 60 W  | LED 3000 K | 9560 lm                          | 159 lm/W                   | 4,6  | <input type="checkbox"/> | ASYM    | PX4086755 |
| 60 W  | LED 4000 K | 9860 lm                          | 164 lm/W                   | 4,6  | <input type="checkbox"/> | ASYM    | PX4086762 |
| 22 W  | LED 3000 K | 3090 lm                          | 140 lm/W                   | 1,8  | <input type="checkbox"/> | RETAIL  | PX4086769 |
| 22 W  | LED 4000 K | 3180 lm                          | 145 lm/W                   | 1,8  | <input type="checkbox"/> | RETAIL  | PX4086776 |
| 32 W  | LED 3000 K | 4630 lm                          | 145 lm/W                   | 2,5  | <input type="checkbox"/> | RETAIL  | PX4086783 |
| 32 W  | LED 4000 K | 4770 lm                          | 149 lm/W                   | 2,5  | <input type="checkbox"/> | RETAIL  | PX4086790 |
| 51 W  | LED 3000 K | 7720 lm                          | 151 lm/W                   | 3,9  | <input type="checkbox"/> | RETAIL  | PX4086797 |
| 51 W  | LED 4000 K | 7950 lm                          | 156 lm/W                   | 3,9  | <input type="checkbox"/> | RETAIL  | PX4086804 |
| 60 W  | LED 3000 K | 9260 lm                          | 154 lm/W                   | 4,6  | <input type="checkbox"/> | RETAIL  | PX4086811 |
| 60 W  | LED 4000 K | 9540 lm                          | 159 lm/W                   | 4,6  | <input type="checkbox"/> | RETAIL  | PX4086818 |

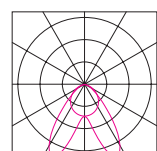
UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
 ATTENTION: Standard version without through wiring!



POKER LS MICRO LED SYM 60°



POKER LS MICRO LED ASYM



POKER LS MICRO LED RETAIL

AKCESORIA  
ACCESSORIES

Zawieszenie zwykłe  
Simple suspension

Zawieszenie elektryczne  
Electric suspension

Końcówka  
End cap

Łącznik liniowy niewidoczny  
Invisible linear joint

Maskownica górna IP40  
Upper masking cover IP40

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

0,10 INOX PX0922143 \* Standardowa długość zwieszki maksymalnie 1,5 m  
 \* Standard length of suspension maximum 1,5 m

0,20 ☐ PX0922021 \* Standardowa długość zwieszki maksymalnie 1,5 m  
 0,20 ☐ PX0922032 \* Standard length of suspension maximum 1,5 m

0,10 ☐ PX4086837 1szt. 1 pcs.

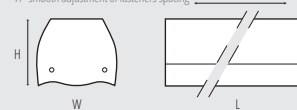
0,90 ☐ PX4086831 1szt./pot. 1pcs/joint

0,25 ☐ PX4086861 1150  
 0,36 ☐ PX4086868 1722  
 0,60 ☐ PX4086875 2870  
 0,72 ☐ PX4086882 3442

WYMIARY  
DIMENSIONS

| MOC   | L    | W    | H    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 22 W  | 1150 | 58   | 47   |
| 32 W  | 1722 | 58   | 47   |
| 51 W  | 2870 | 58   | 47   |
| 60 W  | 3442 | 58   | 47   |

A - płynna regulacja rozstawu mocowań  
 A - smooth adjustment of fasteners spacing



Okablowanie przelotowe  
Through wiring

|           |              |
|-----------|--------------|
| PX4086851 | 3x1mm - 1150 |
| PX4086858 | 3x1mm - 1722 |
| PX4086865 | 3x1mm - 2870 |
| PX4086872 | 3x1mm - 3442 |
| PX4086879 | 5x1mm - 1150 |
| PX4086886 | 5x1mm - 1722 |
| PX4086893 | 5x1mm - 2870 |
| PX4086900 | 5x1mm - 3442 |



## POKER LS MINI LED

Przemysłowa linia świetlna. Posiada oprzewodowanie przelotowe 5-cio torowe o obciążalności 16 A na fazę, zakończone szybkozłączkami.

**Wykonanie:** obudowa z profilu aluminiowego malowanego elektrostáticamente (standardowo w kolorze białym), klosz mikro-pryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** zwieszany

**Akcesoria:** zawieszenie zwykłe, zawieszenie elektryczne, łącznik S, łączuszek, łącznik liniowy niewidoczny, zaczep pod zawieszenie zwykłe, zaczep pod łączuszek, końcówka, maskownica górna, okablowanie przelotowe

**Zasilanie:** 220 V - 240 V

Industrial lighting line. The line includes 5-wire 16A cabling with fast-linkage system.

**Materials:** housing made of electrostatically painted aluminum (standard colour: white), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** suspended

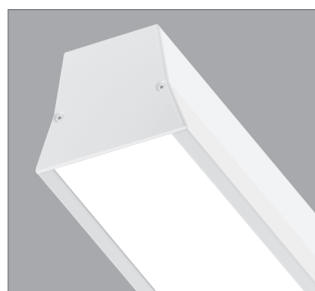
**Accessories:** simple suspension, electric suspension, S joint, chain, invisible linear joint, hitch for simple suspension, chain hitch, end cap, upper cover, through wiring

**Power supply:** 220 V - 240 V

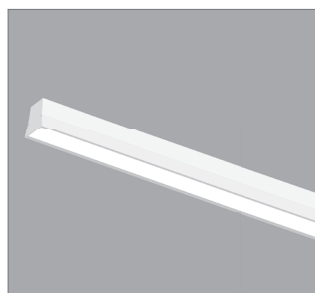
# POKER LS MINI LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Aluminiowy profil, klosz OPAL  
Aluminium profile, OPAL diffuser



Przemysłowa linia świetlna - wersja OPAL  
Industrial lighting line - OPAL version

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | INFO | L    | W    | H    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|------|------|------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | INFO | [mm] | [mm] | [mm] | CODE      |
| 25 W  | LED 3000 K | 2700 lm                      | 108 lm/W                | 2,95 | <input type="checkbox"/> | OPAL | 1200 | 81   | 75   | PX2069001 |
| 25 W  | LED 4000 K | 2760 lm                      | 110 lm/W                | 2,95 | <input type="checkbox"/> | OPAL | 1200 | 81   | 75   | PX2069008 |
| 38 W  | LED 3000 K | 4050 lm                      | 107 lm/W                | 3,95 | <input type="checkbox"/> | OPAL | 1800 | 81   | 75   | PX2069015 |
| 38 W  | LED 4000 K | 4130 lm                      | 109 lm/W                | 3,95 | <input type="checkbox"/> | OPAL | 1800 | 81   | 75   | PX2069022 |
| 61 W  | LED 3000 K | 6750 lm                      | 111 lm/W                | 7,05 | <input type="checkbox"/> | OPAL | 3000 | 81   | 75   | PX2069029 |
| 61 W  | LED 4000 K | 6890 lm                      | 113 lm/W                | 7,05 | <input type="checkbox"/> | OPAL | 3000 | 81   | 75   | PX2069036 |
| 25 W  | LED 3000 K | 2830 lm                      | 113 lm/W                | 2,95 | <input type="checkbox"/> | MPRM | 1200 | 81   | 75   | PX2069043 |
| 25 W  | LED 4000 K | 2890 lm                      | 116 lm/W                | 2,95 | <input type="checkbox"/> | MPRM | 1200 | 81   | 75   | PX2069050 |
| 38 W  | LED 3000 K | 4240 lm                      | 112 lm/W                | 3,95 | <input type="checkbox"/> | MPRM | 1800 | 81   | 75   | PX2069057 |
| 38 W  | LED 4000 K | 4330 lm                      | 114 lm/W                | 3,95 | <input type="checkbox"/> | MPRM | 1800 | 81   | 75   | PX2069064 |
| 61 W  | LED 3000 K | 7070 lm                      | 116 lm/W                | 7,05 | <input type="checkbox"/> | MPRM | 3000 | 81   | 75   | PX2069071 |
| 61 W  | LED 4000 K | 7220 lm                      | 118 lm/W                | 7,05 | <input type="checkbox"/> | MPRM | 3000 | 81   | 75   | PX2069078 |

UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION: Standard version without through wiring!

## AKCESORIA ACCESSORIES

### Zawieszenie zwykłe Simple suspension

| [kg] | KOLOR  | KOD       | INFO |
|------|--------|-----------|------|
| [kg] | COLOUR | CODE      | INFO |
| 0,10 | INOX   | PX0922143 | *    |

\* Standardowa długość zwieszni maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

### Zawieszenie elektryczne Electric suspension

|      |                          |           |   |
|------|--------------------------|-----------|---|
| 0,20 | <input type="checkbox"/> | PX0922021 | * |
| 0,20 | <input type="checkbox"/> | PX0922032 | * |

### Końcówka End cap

|      |                          |           |              |
|------|--------------------------|-----------|--------------|
| 0,10 | <input type="checkbox"/> | PX2066828 | 1szt. 1 pcs. |
|------|--------------------------|-----------|--------------|

### Łącznik liniowy niewidoczny Invisible linear joint

|      |                          |           |                          |
|------|--------------------------|-----------|--------------------------|
| 0,10 | <input type="checkbox"/> | PX2066803 | Komplet 2szt. Set 2 pcs. |
|------|--------------------------|-----------|--------------------------|

### Zaczep pod zawieszenie zwykłe Hitch for simple suspension

|                          |           |              |
|--------------------------|-----------|--------------|
| <input type="checkbox"/> | PX2066808 | 1szt. 1 pcs. |
|--------------------------|-----------|--------------|

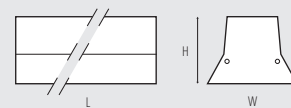
### Zaczep pod łańcuszek Chain hitch

|                          |           |              |
|--------------------------|-----------|--------------|
| <input type="checkbox"/> | PX2066815 | 1szt. 1 pcs. |
|--------------------------|-----------|--------------|

### Łącznik S S joint

|      |                          |           |              |
|------|--------------------------|-----------|--------------|
| 0,50 | <input type="checkbox"/> | PX1903164 | 1szt. 1 pcs. |
|------|--------------------------|-----------|--------------|

## WYMIARY DIMENSIONS



### Łańcuszek Chain

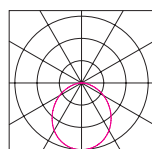
| [kg]   | KOLOR                    | KOD       | INFO    |
|--------|--------------------------|-----------|---------|
| [kg]   | COLOUR                   | CODE      | INFO    |
| 0,10/m | <input type="checkbox"/> | PX1903171 | L = 1 m |

### Maskownica górna Upper cover

|      |                          |           |             |
|------|--------------------------|-----------|-------------|
| 0,26 | <input type="checkbox"/> | PX2066857 | L = 1200 mm |
| 0,39 | <input type="checkbox"/> | PX2066864 | L = 1800 mm |
| 0,66 | <input type="checkbox"/> | PX2066871 | L = 3000 mm |

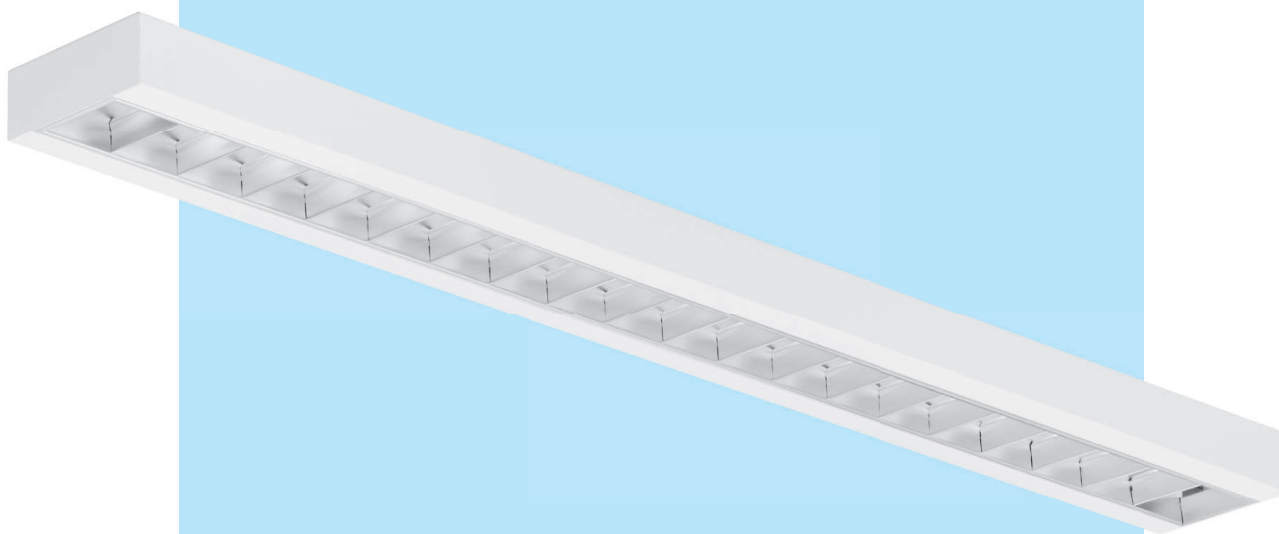
### Okablowanie przelotowe Through wiring

|      |                          |           |              |
|------|--------------------------|-----------|--------------|
| 0,25 | <input type="checkbox"/> | PX2066912 | 5x L=1200 mm |
| 0,35 | <input type="checkbox"/> | PX2066918 | 5x L=1800 mm |
| 0,45 | <input type="checkbox"/> | PX2066930 | 5x L=3000 mm |



POKER LS MINI LED OPAL





## PRESTO LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie (w standardzie kolor biały), satynowany raster paraboliczny (PAR-S), wewnętrzny klosz OPAL chroniący źródła LED.

**Montaż:** zwieszany, nastropowy (tylko wersja DI)

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszenie zwykłe typu Y, zawieszenie elektryczne typu Y

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body (standard colour: white), satin parabolic louver PAR-S, internal OPAL diffuser protecting LEDs.

**Installation:** suspended, surface mounted (only DI versions)

**Accessories:** end caps, invisible linear joint, suspensions type Y (simple, electric).

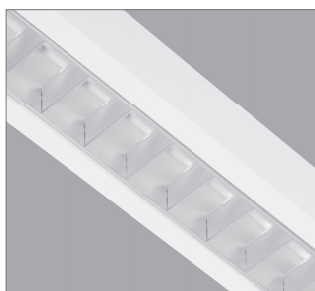
**Power supply:** 220 V - 240 V



# PRESTO LED



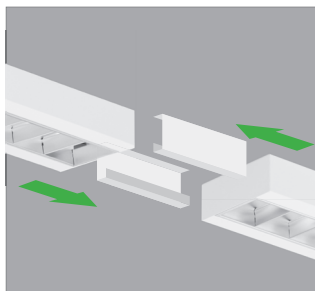
L80 B10 > 53 000h • SDCM 3 • LLMF 85% • CRI 84



Satynowany raster paraboliczny PAR-S  
PAR-S satin parabolical louver



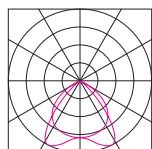
Mikropryzmatyczny klosz górny IN  
Indirect IN microprismatic diffuser



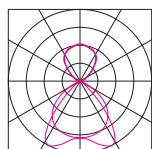
Możliwość łączenia opraw w linie świetlne  
Possibility of inline mounting

| MOC     | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY          | SKUTECZNOŚĆ<br>OPRAWY | [kg]     | KOLOR  | INFO                     | KOD             |
|---------|--------|-----------------------------|-----------------------|----------|--------|--------------------------|-----------------|
| POWER   | LAMP   | FIXTURE'S LUMINOUS<br>POWER | FIXTURE'S<br>EFFICACY | [kg]     | COLOUR | INFO                     | CODE            |
| DI / NT | 31 W   | LED 3000 K                  | 3550 lm               | 115 lm/W | 2,00   | <input type="checkbox"/> | PAR-S PX0759401 |
|         | 31 W   | LED 4000 K                  | 3660 lm               | 118 lm/W | 2,00   | <input type="checkbox"/> | PAR-S PX0759408 |
|         | 38 W   | LED 3000 K                  | 4430 lm               | 117 lm/W | 2,50   | <input type="checkbox"/> | PAR-S PX0759415 |
|         | 38 W   | LED 4000 K                  | 4570 lm               | 120 lm/W | 2,50   | <input type="checkbox"/> | PAR-S PX0759422 |
| DI-IN   | 46 W   | LED 3000 K                  | 5840 lm               | 127 lm/W | 2,45   | <input type="checkbox"/> | PAR-S PX0759429 |
|         | 46 W   | LED 4000 K                  | 6020 lm               | 131 lm/W | 2,45   | <input type="checkbox"/> | PAR-S PX0759436 |
|         | 60 W   | LED 3000 K                  | 7310 lm               | 122 lm/W | 3,00   | <input type="checkbox"/> | PAR-S PX0759443 |
|         | 60 W   | LED 4000 K                  | 7540 lm               | 126 lm/W | 3,00   | <input type="checkbox"/> | PAR-S PX0759450 |

Wersje zwieszane DI przystosowane są również do montażu natynkowego NT  
Suspended versions DI are also suitable for surface mounted NT



PRESTO LED DI



PRESTO LED DI-IN

## AKCESORIA ACCESSORIES

### Kończówka End cap

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

|      |                          |           |                  |
|------|--------------------------|-----------|------------------|
| 0,01 | <input type="checkbox"/> | PX0759485 | 1 szt.<br>1 pcs. |
|------|--------------------------|-----------|------------------|

### Łącznik liniowy niewidoczny Invisible linear joint

|      |                          |           |                                                       |
|------|--------------------------|-----------|-------------------------------------------------------|
| 1,00 | <input type="checkbox"/> | PX0759492 | Kpl - 2 szt. /połączenie<br>Set - 2 pcs. / connection |
|------|--------------------------|-----------|-------------------------------------------------------|

### Zawieszenie zwykłe typu Y Simple suspension type Y

|      |      |           |   |
|------|------|-----------|---|
| 0,10 | INOX | PX0922112 | * |
|------|------|-----------|---|

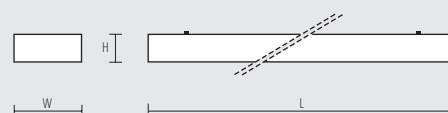
### Zawieszenie elektryczne typu Y Electric suspension type Y

|      |                          |           |   |
|------|--------------------------|-----------|---|
| 0,20 | <input type="checkbox"/> | PX0922043 | * |
| 0,20 | <input type="checkbox"/> | PX0922054 | * |
| 0,20 | <input type="checkbox"/> | PX0922058 | * |

Standardowa długość zwieszki maksymalnie 1,5m  
Standard length of suspension maximum 1,5m

## WYMIARY DIMENSIONS

| INFO     | L    | W    | H    |
|----------|------|------|------|
| INFO     | [mm] | [mm] | [mm] |
| 31 W LED | 1145 | 125  | 52   |
| 38 W LED | 1435 | 125  | 52   |
| 46 W LED | 1145 | 125  | 58   |
| 60 W LED | 1435 | 125  | 58   |





## QUASET LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie w kolorze białym, raster paraboliczny z satynowanego aluminium anodyzowanego wysokiej czystości (PAR-S)

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej lub G/K

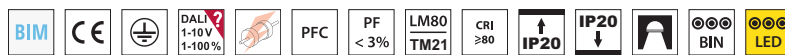
**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body in white colour, parabolic (PAR-S) louver made of anodized satin aluminum of high purity

**Installation:** into modular ceiling 600x600 with a visible supported structure or into plaster-cardboard ceiling

**Power supply:** 220 V - 240 V

## QUASET LED



L80 B10 &gt;54 000h • SDCM3 • LLMF 85% • CRI 84

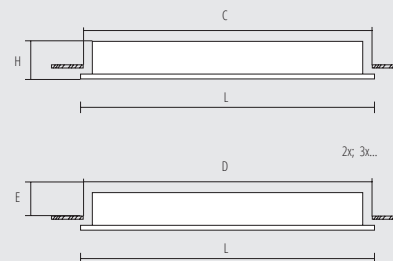


PAR-S 2x -R-R-



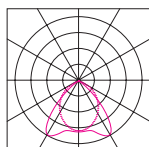
PAR 3x -R-R-R-

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | INFO     | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|----------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | INFO     | CODE      |
| 31 W  | LED 3000 K | 3250 lm                      | 105 lm/W                | 3,2  | <input type="checkbox"/> | 2x PAR-S | PX4087016 |
| 31 W  | LED 4000 K | 3320 lm                      | 107 lm/W                | 3,2  | <input type="checkbox"/> | 2x PAR-S | PX4087023 |
| 45 W  | LED 3000 K | 4880 lm                      | 108 lm/W                | 3,2  | <input type="checkbox"/> | 3x PAR-S | PX4087002 |
| 45 W  | LED 4000 K | 4980 lm                      | 111 lm/W                | 3,2  | <input type="checkbox"/> | 3x PAR-S | PX4087009 |

WYMIARY  
DIMENSIONS

| MOC   | L    | W    | H    | C    | D    | E    |
|-------|------|------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] |
| 31 W  | 596  | 596  | 50   | 580  | 580  | 60   |
| 45 W  | 596  | 596  | 50   | 580  | 580  | 60   |

Oprawa dostępna również w wersji do modułu 625x625  
Luminaire available also in 625x625 ceiling module version



QUASET LED

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product



## RA 4 • RA 7 • RA 16

**Wykonanie:** korpus z odlewu alumiowego malowanego farbą poliestrową, klosz z poliwęglanu RA 4 - CLEAR, RA 7 i RA 16 - OPAL. Oprawa charakteryzuje się możliwością montażu w sufitach powieszanych o niewielkim prześwicie.

**Montaż:** do wpuszczenia w sufit powieszany

**Akcesoria:** zasilacz 500mA 20W do wersji RA 4 i RA 7

**Zasilanie:** 220 V - 240 V

**Materials:** body in die-cast aluminium polyester painted, diffuser of polycarbonate: RA 4 - CLEAR, RA 7 and RA 16 - OPAL. Luminaire characterized by an extremely shallow recessed depth.

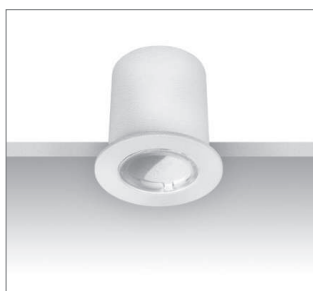
**Installation:** into plaster-cardboard ceiling

**Accessories:** driver 500mA 20W for versions RA 4 and RA 7

**Power supply:** 220 V - 240 V

# RA 4

NOWOŚĆ



RA 4 bez optyki  
RA 4 without lens



RA 4 z optyką  
RA 4 with lens



L80 B10 >50 000h • CRI 85

| MOC   | ŹRÓDŁO            | [kg] | KOLOR  | KĄT ROZSYŁU | INFO                       | KOD          |
|-------|-------------------|------|--------|-------------|----------------------------|--------------|
| POWER | LAMP              | [kg] | COLOUR | LIGHT BEAM  | INFO                       | CODE         |
| 4,6 W | LED 540 lm 3000 K | 0,20 | □      | 60°         | bez optyki<br>without lens | IV252-200-21 |
| 2 W   | LED 200 lm 3000 K | 0,20 | □      | 14°         | z optyką<br>with lens      | IV252-210-21 |

Uwaga: zasilacz zamawiany osobno  
Driver must be ordered separately

# RA 7



RA 7  
RA 7

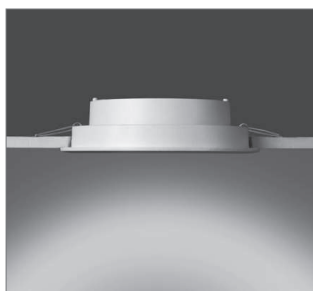


L80 B10 >50 000h • CRI 85

|      | MOC   | ŹRÓDŁO            | [kg] | KOLOR                                                                                 | KĄT ROZSYŁU | KOD          |
|------|-------|-------------------|------|---------------------------------------------------------------------------------------|-------------|--------------|
|      | POWER | LAMP              | [kg] | COLOUR                                                                                | LIGHT BEAM  | CODE         |
| RA 7 | 4.6 W | LED 540 lm 3000 K | 0.20 |  | 120°        | IV251-200-21 |

Uwaga: zasilacz zamawiany osobno  
Driver must be ordered separately

# RA 16



RA 16  
RA 16

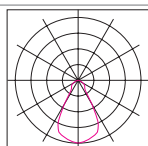


RA 16  
RA 16

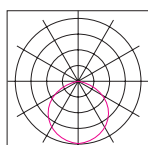


L80 B10 >50 000h • CRI 85

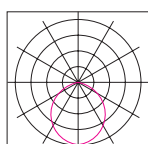
|       | MOC   | ŹRÓDŁO             | [kg] | KOLOR  | KĄT ROZSYŁU | KOD            |
|-------|-------|--------------------|------|--------|-------------|----------------|
|       | POWER | LAMP               | [kg] | COLOUR | LIGHT BEAM  | CODE           |
| RA 16 | 18 W  | LED 2400 lm 3000 K | 0,70 | □      | 110°        | IV250-220BN-21 |
|       | 18 W  | LED 2400 lm 3000 K | 0,70 | ■      | 110°        | IV250-220BN-52 |
|       | 18 W  | LED 2450 lm 4000 K | 0,70 | □      | 110°        | IV250-220AN-21 |
|       | 18 W  | LED 2450 lm 4000 K | 0,70 | ■      | 110°        | IV250-220AN-52 |



RA 4 L 60°



RA 7 L 120°



RA 16 L 110°

## AKCESORIA ACCESSORIES

Zasilacz LED 500mA  
Driver LED 500mA

| [kg] | KOD        | INFO  |
|------|------------|-------|
| [kg] | CODE       | INFO  |
| 0,30 | IV81-04011 | *RA16 |
| 0,30 | IV81-04019 | *RA7  |
| 0,30 | IV81-04019 | *RA4  |
| 0,30 | IV81-04031 | **RA4 |

\*Maksymalnie można podłączyć:  
4 sztuki RA4 IV252-200-XX  
8 sztuk RA4 IV252-210-XX  
4 sztuki RA7 IV251-200-XX

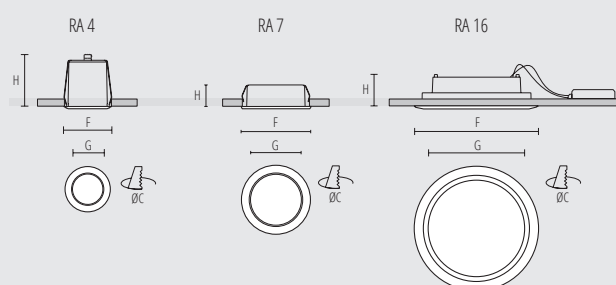
\*\*Maksymalnie można podłączyć:  
2 sztuki RA4 IV252-200-XX

\*Max can be connected:  
4 fittings of RA4 IV252-200-XX  
8 fittings of RA4 IV252-210-XX  
4 fittings of RA7 IV251-200-XX

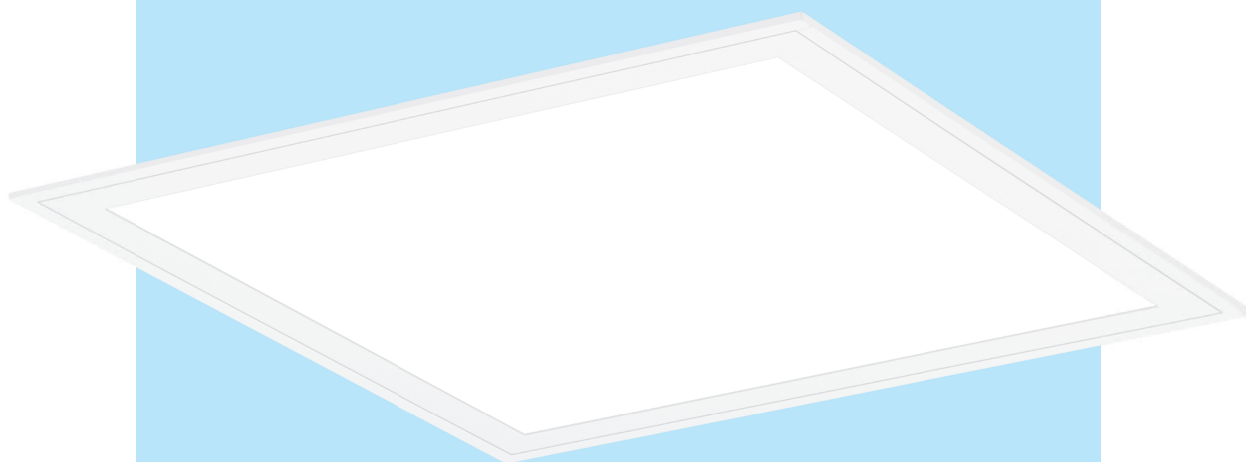
\*\*Max can be connected:  
4 fittings of RA4 IV252-200-XX

## WYMIARY DIMENSIONS

|       | F    | G    | H    | ØC   |
|-------|------|------|------|------|
|       | [mm] | [mm] | [mm] | [mm] |
| RA 4  | 41   |      | 45   | 36   |
| RA 7  | 67   | 49   | 23   | 60   |
| RA 16 | 160  | 129  | 42   | 155  |







## ROMA CLEAN IP65 LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostycznie (w standardzie kolor biały), klosz mikropryzmatyczny (MPRM) z PMMA, klosz OPAL z PMMA, szyba hartowana (SH MAT), raster PAR. Oprawa malowana elektrostycznie lakierem proszkowym antybakteryjnym z jonami srebra.

**Montaż:** do sufitów 600x600, do sufitów G/K

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted housing made of galvanized steel sheets (standard colour: white), microprismatic diffuser (MPRM) made of PMMA, OPAL diffuser made of PMMA, tempered glass (SH MAT), PAR louver. Luminaire treated with a special antibacterial powder coat with active silver ions.

**Installation:** into modular ceilings 600x600

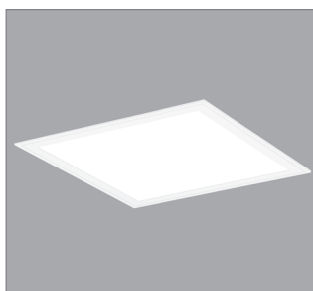
**Power supply:** 220 V - 240 V

## ROMA CLEAN IP65 LED

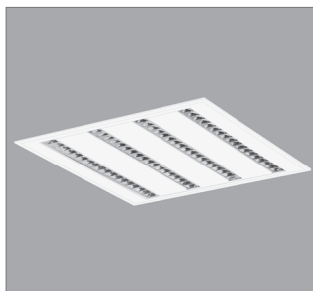
NOWOŚĆ



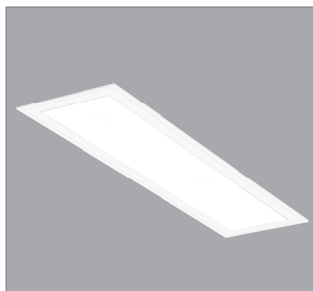
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



ROMA CLEAR IP65 LED OPAL



ROMA CLEAR IP65 LED PAR



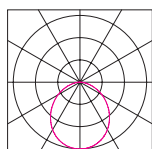
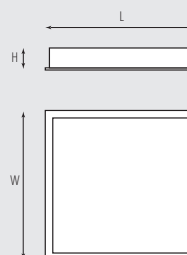
ROMA CLEAR IP65 LED PAR 300x1200

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]  | KOLOR  | INFO            | KOD       |
|-------|------------|------------------------------|-------------------------|-------|--------|-----------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]  | COLOUR | INFO            | CODE      |
| 43 W  | LED 3000 K | 4950 lm                      | 115 lm/W                | 6,80  | □      | OPAL 600x600    | PX3715401 |
| 43 W  | LED 4000 K | 5100 lm                      | 119 lm/W                | 6,80  | □      | OPAL 600x600    | PX3715408 |
| 84 W  | LED 3000 K | 9530 lm                      | 113 lm/W                | 11,90 | □      | OPAL 600x1200   | PX3715415 |
| 84 W  | LED 4000 K | 9820 lm                      | 117 lm/W                | 11,90 | □      | OPAL 600x1200   | PX3715422 |
| 43 W  | LED 3000 K | 4760 lm                      | 111 lm/W                | 7,90  | □      | OPAL 300x1200   | PX3715429 |
| 43 W  | LED 4000 K | 4910 lm                      | 114 lm/W                | 7,90  | □      | OPAL 300x1200   | PX3715436 |
| 100 W | LED 3000 K | 11130 lm                     | 111 lm/W                | 9,00  | □      | OPAL 600x600    | PX3715443 |
| 100 W | LED 4000 K | 11470 lm                     | 115 lm/W                | 9,00  | □      | OPAL 600x600    | PX3715450 |
| 43 W  | LED 3000 K | 6100 lm                      | 142 lm/W                | 6,80  | □      | MPRM 600x600    | PX3715457 |
| 43 W  | LED 4000 K | 6280 lm                      | 146 lm/W                | 6,80  | □      | MPRM 600x600    | PX3715464 |
| 84 W  | LED 3000 K | 11760 lm                     | 140 lm/W                | 11,90 | □      | MPRM 600x1200   | PX3715471 |
| 84 W  | LED 4000 K | 12120 lm                     | 144 lm/W                | 11,90 | □      | MPRM 600x1200   | PX3715478 |
| 43 W  | LED 3000 K | 5860 lm                      | 136 lm/W                | 7,90  | □      | MPRM 300x1200   | PX3715485 |
| 43 W  | LED 4000 K | 6050 lm                      | 141 lm/W                | 7,90  | □      | MPRM 300x1200   | PX3715492 |
| 51 W  | LED 3000 K | 7440 lm                      | 146 lm/W                | 9,40  | □      | 4xPAR 600x600   | PX3715541 |
| 51 W  | LED 4000 K | 7670 lm                      | 150 lm/W                | 9,40  | □      | 4xPAR 600x600   | PX3715548 |
| 43 W  | LED 3000 K | 5950 lm                      | 139 lm/W                | 9,10  | □      | SH MAT 600x600  | PX3715499 |
| 43 W  | LED 4000 K | 6130 lm                      | 143 lm/W                | 9,10  | □      | SH MAT 600x600  | PX3715506 |
| 84 W  | LED 3000 K | 11480 lm                     | 137 lm/W                | 16,90 | □      | SH MAT 600x1200 | PX3715513 |
| 84 W  | LED 4000 K | 11840 lm                     | 141 lm/W                | 16,90 | □      | SH MAT 600x1200 | PX3715520 |
| 43 W  | LED 3000 K | 5730 lm                      | 133 lm/W                | 10,00 | □      | SH MAT 300x1200 | PX3715527 |
| 43 W  | LED 4000 K | 5910 lm                      | 137 lm/W                | 10,00 | □      | SH MAT 300x1200 | PX3715534 |

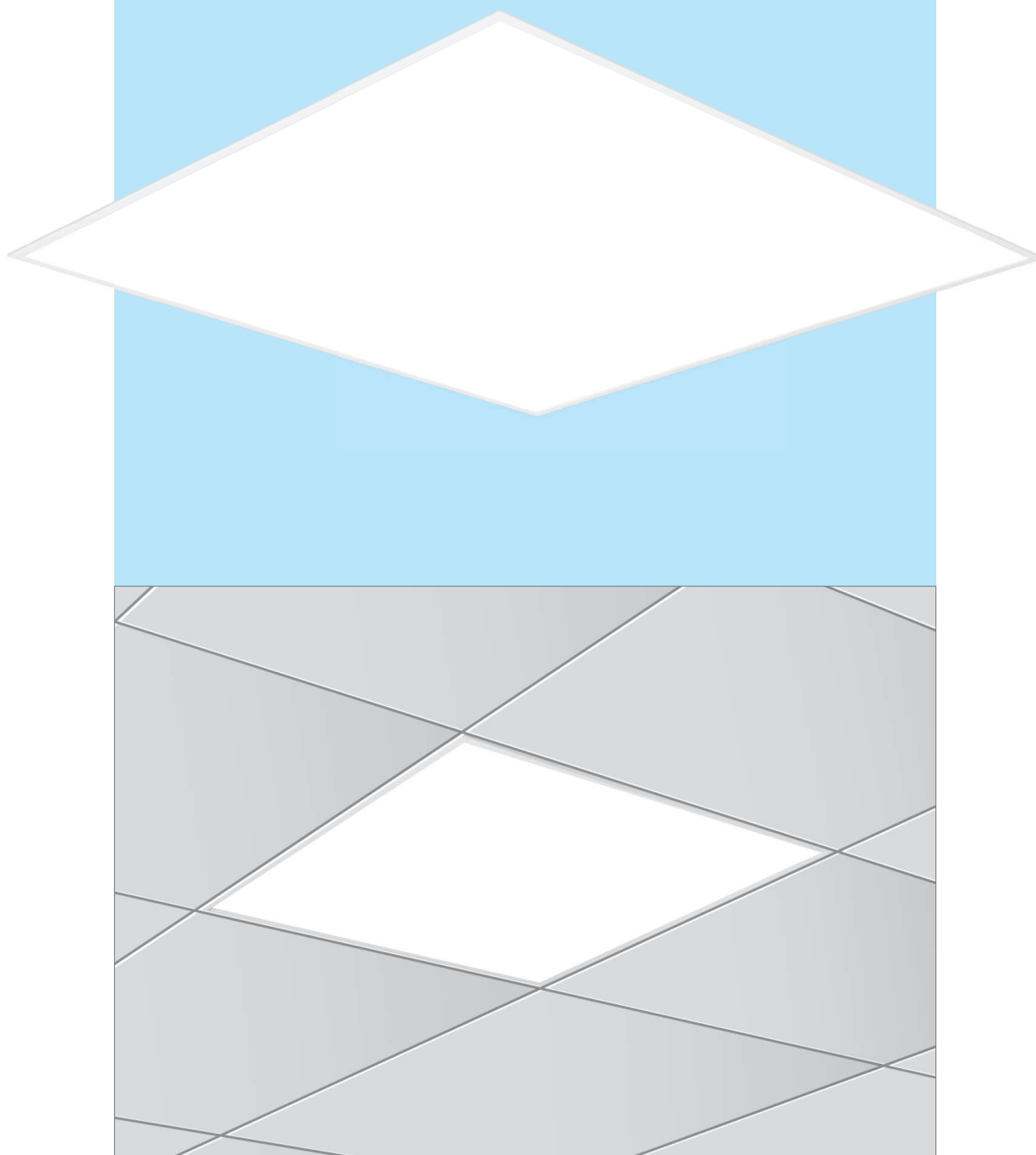
Oprawa malowana elektrostatycznie lakierem proszkowym antybakteryjnym z jonami srebra  
Luminaire treated with a special antibacterial powder coat with active silver ions

WYMIARY  
DIMENSIONS

| MOC   | INFO            | L    | W    | H    |
|-------|-----------------|------|------|------|
| POWER | INFO            | [mm] | [mm] | [mm] |
| 43 W  | OPAL 600x600    | 595  | 595  | 80   |
| 84 W  | OPAL 600x1200   | 1195 | 595  | 80   |
| 43 W  | OPAL 300x1200   | 1195 | 295  | 80   |
| 100 W | OPAL 600x600    | 595  | 595  | 80   |
| 43 W  | MPRM 600x600    | 595  | 595  | 80   |
| 84 W  | MPRM 600x1200   | 1195 | 595  | 80   |
| 43 W  | MPRM 300x1200   | 1195 | 295  | 80   |
| 43 W  | SH MAT 600x600  | 595  | 595  | 80   |
| 84 W  | SH MAT 600x1200 | 1195 | 595  | 80   |
| 43 W  | SH MAT 300x1200 | 1195 | 295  | 80   |
| 51 W  | 4xPAR 600x600   | 595  | 595  | 80   |



ROMA CLEAN IP65 LED OPAL



## ROMA LED CLIP IN

**Wykonanie:** obudowa z blachy stalowej malowanej elektrolitycznie w kolorze białym. Klosz mleczny OPAL, pryzmatyczny PRM oraz mikropryzmatyczny MPRM.

Oprawa ROMA LED charakteryzuje się wysokimi parametrami świetlnymi, szybkim montażem i równomierną luminancją na powierzchni klosza. Oprawa przeznaczona do instalacji w sufitach modułowych CLIP IN.

**Montaż:** w sufitach modułowych CLIP IN

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body (standard colour: white). OPAL, prismatic (PRM) and microprismatic (MPRM) diffusers. ROMA LED is a luminaire characterized by good luminous parameters, quick installation and a uniform luminance on the surface of the diffuser. Luminaire dedicated for CLIP IN modular ceiling.

**Installation:** CLIP IN modular ceiling

**Power supply:** 220 V - 240 V

## ROMA LED CLIP IN



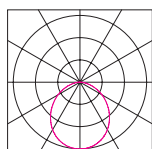
L90 B10 >54 000h • SDCM 3 • LLMF 89% • CRI 83

Szanowni Klienci,

istnieje możliwość zamówienia opraw oświetleniowych Roma, Pisa, Sun, Parabolic LED oraz innych produktów z naszej oferty w wersjach do sufitów Clip In. Z racji dostępności szerokiej gamy sufitów tego rodzaju i wysokiej elastyczności naszej produkcji dla rozwiązań Clip In wszelkich informacji udzielimy w odpowiedzi na Państwa zapytanie dotyczące konkretnego zapotrzebowania. Prosimy o kontakt z Działem Handlowym: [handlowy@pxf.pl](mailto:handlowy@pxf.pl)

Dear customers,

Our steel sheet luminaires like Roma, Pisa, Sun, Parabolic and others can be adapted to fit a wide selection of clip-in or custom-sized grid from manufacturers like SAS, Armstrong and others. If you are looking for a custom solution that is not mentioned in our standard offer, please contact our Export department at [export@pxf.pl](mailto:export@pxf.pl).



PRZYKŁAD / EXAMPLE



## ROMA LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrolitycznie w kolorze białym. Klosz mleczny OPAL oraz mikropryzmatyczny MPRM.

Oprawa ROMA LED charakteryzuje się wysokimi parametrami świetlnymi, szybkim montażem i równomierną luminancją na powierzchni klosza.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body (standard colour: white). OPAL and microprismatic (MPRM) diffusers. ROMA LED is a luminaire characterized by good luminous parameters, quick installation and a uniform luminance on the surface of the diffuser.

**Installation:** 600x600 suspended ceilings with visible supporting frame

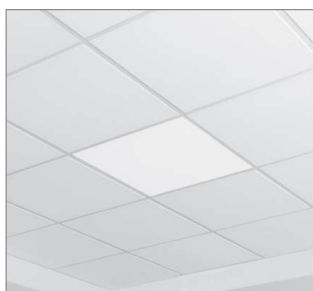
**Power supply:** 220 V - 240 V



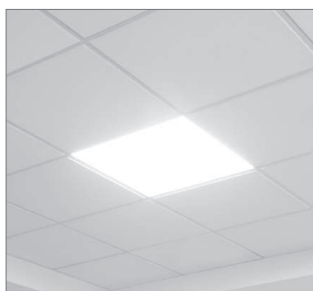
# ROMA LED



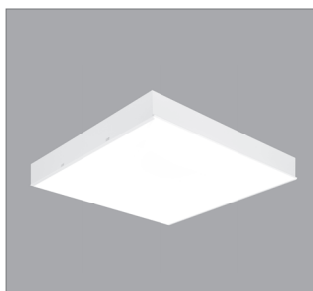
L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84



ROMA LED OFF

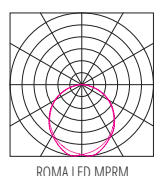


ROMA LED ON - równomierna luminancja na powierzchni klosza  
ROMA LED ON - a uniform luminance on the surface of the diffuser

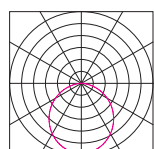


ROMA LED OPAL  
ROMA LED OPAL

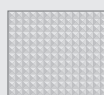
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | L    | W    | H    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|------|------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | [mm] | [mm] | [mm] | CODE      |
| 24 W  | LED 3000 K | 2880 lm                      | 120 lm/W                | 3,5  | □      | MPRM | 596  | 596  | 80   | PX3718029 |
| 24 W  | LED 4000 K | 2940 lm                      | 122 lm/W                | 3,5  | □      | MPRM | 596  | 596  | 80   | PX3718036 |
| 24 W  | LED 3000 K | 2640 lm                      | 110 lm/W                | 3,5  | □      | OPAL | 596  | 596  | 80   | PX3718001 |
| 24 W  | LED 4000 K | 2700 lm                      | 112 lm/W                | 3,5  | □      | OPAL | 596  | 596  | 80   | PX3718008 |
| 38 W  | LED 3000 K | 4750 lm                      | 125 lm/W                | 3,5  | □      | MPRM | 596  | 596  | 80   | PX3718139 |
| 38 W  | LED 4000 K | 4850 lm                      | 127 lm/W                | 3,5  | □      | MPRM | 596  | 596  | 80   | PX3718146 |
| 38 W  | LED 3000 K | 4370 lm                      | 115 lm/W                | 3,5  | □      | OPAL | 596  | 596  | 80   | PX3718111 |
| 38 W  | LED 4000 K | 4460 lm                      | 117 lm/W                | 3,5  | □      | OPAL | 596  | 596  | 80   | PX3718118 |
| 27 W  | LED 3000 K | 3060 lm                      | 113 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3718181 |
| 27 W  | LED 4000 K | 3120 lm                      | 115 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3718188 |
| 27 W  | LED 3000 K | 2600 lm                      | 96 lm/W                 | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3718153 |
| 27 W  | LED 4000 K | 2650 lm                      | 98 lm/W                 | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3718160 |
| 43 W  | LED 3000 K | 5040 lm                      | 117 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3718223 |
| 43 W  | LED 4000 K | 5140 lm                      | 119 lm/W                | 5,3  | □      | MPRM | 295  | 1195 | 80   | PX3718230 |
| 43 W  | LED 3000 K | 4300 lm                      | 100 lm/W                | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3718195 |
| 43 W  | LED 4000 K | 4390 lm                      | 102 lm/W                | 5,3  | □      | OPAL | 295  | 1195 | 80   | PX3718202 |
| 46 W  | LED 3000 K | 6140 lm                      | 133 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3718265 |
| 46 W  | LED 4000 K | 6270 lm                      | 136 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3718272 |
| 46 W  | LED 3000 K | 6010 lm                      | 130 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3718237 |
| 46 W  | LED 4000 K | 6130 lm                      | 133 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3718244 |
| 76 W  | LED 3000 K | 10130 lm                     | 133 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3718307 |
| 76 W  | LED 4000 K | 10320 lm                     | 135 lm/W                | 9,2  | □      | MPRM | 595  | 1195 | 80   | PX3718314 |
| 76 W  | LED 3000 K | 9980 lm                      | 133 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3718279 |
| 76 W  | LED 4000 K | 10190 lm                     | 134 lm/W                | 9,2  | □      | OPAL | 595  | 1195 | 80   | PX3718286 |



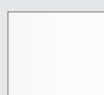
ROMA LED MPRM



ROMA LED OPAL



Klosz MPRM  
MPRM diffuser



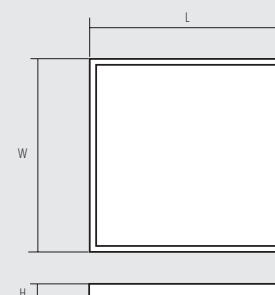
Klosz OPAL  
OPAL diffuser

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

Istnieje możliwość zamówienia oprawy oświetleniowej Roma LED oraz innych opraw z naszej oferty w wersjach do sufitów Clip In.  
There is a possibility of ordering a Roma LED luminaire and other luminaires offered by us in versions for clip-in ceilings.

## WYMIARY DIMENSIONS

Wymiary podano w tabeli powyżej  
Dimensions given in the table above

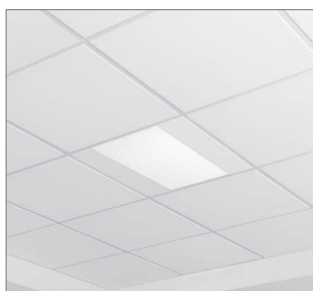




# ROMA LED

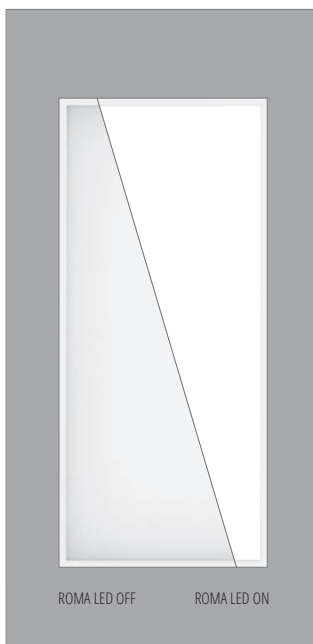


L80 B10 >54 000h • SDCM 3 • LLMF 86% • CRI 84

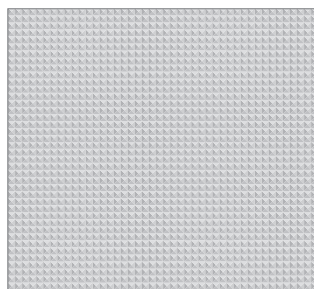


ROMA LED 295 x 595

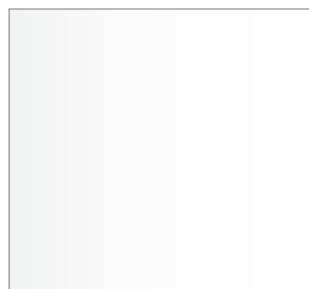
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | L    | W    | H    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|------|------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | [mm] | [mm] | [mm] | CODE      |
| 16 W  | LED 3000 K | 1350 lm                      | 84 lm/W                 | 1,9  | □      | MPRM | 596  | 295  | 80   | PX3718349 |
| 16 W  | LED 4000 K | 1370 lm                      | 85 lm/W                 | 1,9  | □      | MPRM | 596  | 295  | 80   | PX3718356 |
| 16 W  | LED 3000 K | 1210 lm                      | 75 lm/W                 | 1,9  | □      | OPAL | 596  | 295  | 80   | PX3718321 |
| 16 W  | LED 4000 K | 1230 lm                      | 76 lm/W                 | 1,9  | □      | OPAL | 596  | 295  | 80   | PX3718328 |
| 24 W  | LED 3000 K | 2230 lm                      | 92 lm/W                 | 1,9  | □      | MPRM | 596  | 295  | 80   | PX3718391 |
| 24 W  | LED 4000 K | 2270 lm                      | 94 lm/W                 | 1,9  | □      | MPRM | 596  | 295  | 80   | PX3718398 |
| 24 W  | LED 3000 K | 2010 lm                      | 83 lm/W                 | 1,9  | □      | OPAL | 596  | 295  | 80   | PX3718363 |
| 24 W  | LED 4000 K | 2050 lm                      | 85 lm/W                 | 1,9  | □      | OPAL | 596  | 295  | 80   | PX3718370 |



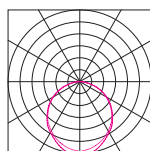
PISA LED ON - równomierna luminancja na powierzchni klosza  
PISA LED ON - a uniform luminance on the surface of the diffuser



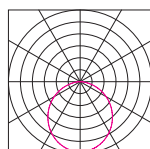
Klosz MPRM  
MPRM diffuser



Klosz OPAL  
OPAL diffuser



ROMA LED MPRM



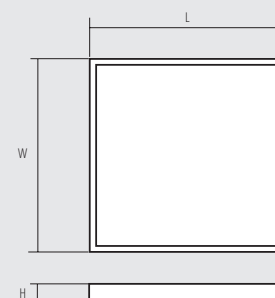
ROMA LED OPAL

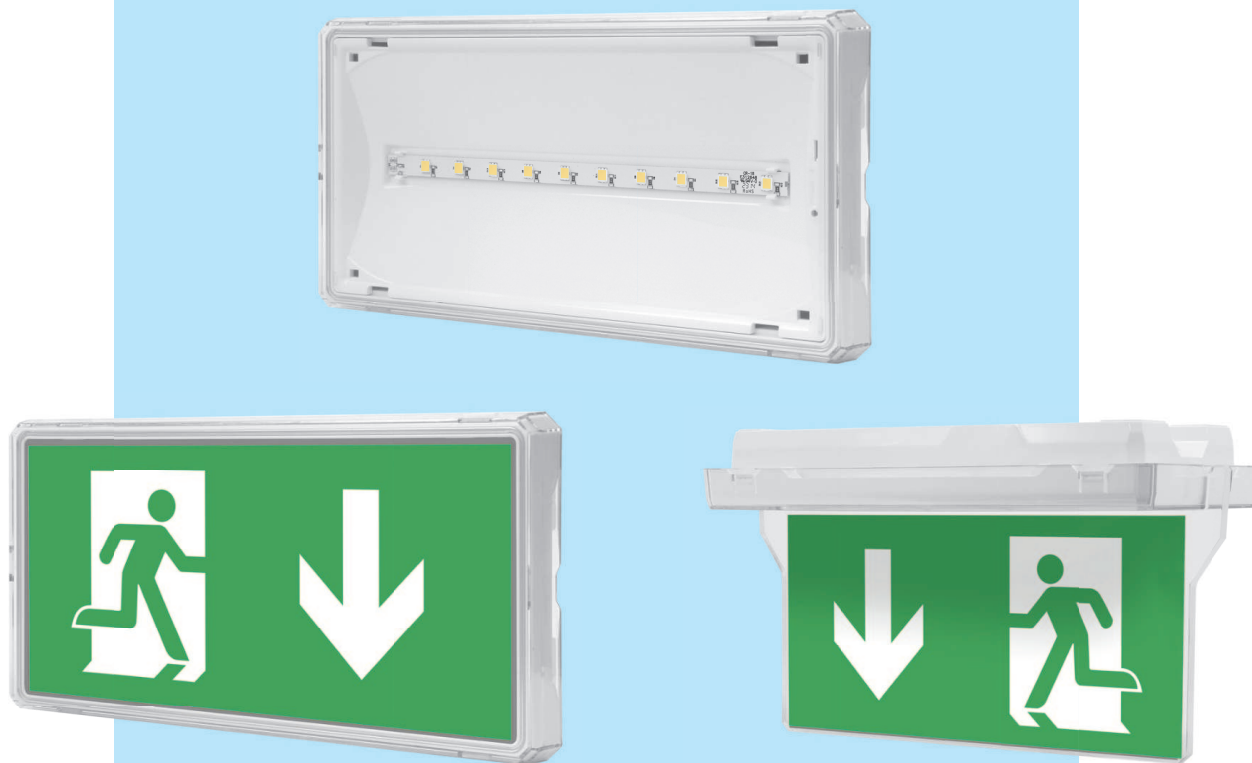
Istnieje możliwość zamówienia oprawy oświetleniowej Roma LED oraz innych opraw z naszej oferty w wersjach do sufitów Clip In.  
There is a possibility of ordering a Roma LED luminaire and other luminaires offered by us in versions for clip-in ceilings.

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

## WYMIARY DIMENSIONS

Wymiary podano w tabeli powyżej  
Dimensions given in the table above





## SAFE LED

**Wykonanie:** obudowa z poliwęglanu w kolorze białym, szarym lub czarnym, klosz transparentny z poliwęglanu

**Montaż:** natynkowy, podtynkowy

**Akcesoria:** klosz pionowy, zestaw do sufitu podwieszanego, zestaw do niskich temperatur

**Zasilanie:**

Oprawa autonomiczna – 220 - 240 V AC 50 - 60 Hz

Oprawa do centralnej baterii CB – 220 - 240 V AC 50 - 60 Hz; 175 - 275 V DC

**Materials:** body made of polycarbonate in white, gray or black colour, transparent diffuser made of polycarbonate

**Installation:** surface mounted, recessed

**Accessories:** vertical diffuser, set for recessed mounting, set for low temperatures

**Power supply:**

Self contained – 220 - 240 V AC 50 - 60 Hz

Central battery – 220 - 240 V AC 50 - 60 Hz; 175 - 275 V DC

## SAFE LED



| TWORZENIE KODU          | WYMIAR    | OPTYKA | MODUŁ AWARYJNY   | MOC   | TRYB AWARYJNY  | INFO | KOLOR  |
|-------------------------|-----------|--------|------------------|-------|----------------|------|--------|
| CODE GENERATING FORMULA | DIMENSION | OPTICS | EMERGENCY MODULE | POWER | EMERGENCY MODE | INFO | COLOUR |
| PSabcdefg               | a         | b      | c                | d     | e              | f    | g      |

| a                | b                               | c     | d        | e         | f         | g     |
|------------------|---------------------------------|-------|----------|-----------|-----------|-------|
| 1 - SAFE LED I   | 0 - brak / lack                 | 2 - B | 1 - 1 W  | 0 - CB    | 0 - NM    | 1 - □ |
| 2 - SAFE LED II  | 1 - R - drogi ewakuacji         | 3 - C | 2 - 2 W  | 1 - 1h    | 1 - M     | 2 - ■ |
| 3 - SAFE LED III | 2 - U - uniwersalna / universal | 4 - E | 3 - 3 W  | 2 - 2h    | 2 - NM PT | 3 - ■ |
|                  | 3 - C - korytarz / corridor     | 5 - F | 6 - 6 W* | 3 - 3h*** | 3 - M PT  |       |
|                  | 4 - O - otwarta / open          | 6 - G |          |           | 4 - NM AT |       |
|                  | 5 - 120°                        | 7 - Z |          |           | 5 - M AT  |       |
|                  | 6 - klosz OPAL / OPAL diffuser  |       |          |           | 6 - CB    |       |

ŹRÓDŁO ŚWIATŁA: // LIGHT SOURCE:  
1W, 2W, 3W / 6W LED

CZAS ŁADOWANIA: // CHARGING:  
Max. 12h; 24h

CZAS PODTRZYMANIA I RODZAJE AKUMULATORÓW:  
AUTONOMY AND BATTERIES:  
1h, 2h, 3h;  
Ni-CD / NiMH, LiFePO<sub>4</sub>

TEMPERATURA OTOCZENIA: // AMBIENT TEMPERATURE:  
t<sub>a</sub>: 0 °C ÷ 40 °C  
Opcjonalne przystosowanie oprawy  
do pracy w temperaturze do -25°C  
t<sub>a</sub>: up to -25°C together with heater for low temperatures

OPCJE: // OPTIONS:  
NM – awaryjna (na ciemno) // non maintained  
M – sieciowo-awaryjna (na jasno) // maintained  
PT – przycisk testu // manual test button  
AT – autotest // autotest  
CB – system centralnej baterii // central battery

| WERSJA  | CZAS ŁADOWANIA | NAPIĘCIE AKUMULATORA | OBSEŁUGIWANY AKUMULATOR         | MOŻLIWE KONFIGURACJE    | ŹRÓDŁO ŚWIATŁA // AUTONOMIA                |
|---------|----------------|----------------------|---------------------------------|-------------------------|--------------------------------------------|
| VERSION | CHARGING TIME  | BATTERY VOLTAGE      | SUPPORTED BATTERY               | POSSIBLE CONFIGURATIONS | LAMP // AUTONOMY                           |
| 2 - B   | 12-24h         | 4,8 V                | NiCD, NiMH, LiFePO <sub>4</sub> | SE, SA, AT              | LED 1W - 6W / 1h, 2h, 3h                   |
| 3 - C   | 24h            | 3,6 V                | NiCD, NiMH                      | SE, SA                  | LED 1W / 1h, 2h, 3h<br>LED 3W / 1h, 2h, 3h |
| 4 - E** | 24h            | 3,6 V                | NiCD                            | SE, AT                  | LED 1W / 1h, 2h, 3h<br>LED 3W / 1h, 2h, 3h |
| 5 - F   | nd             | 175 V DC - 275 V DC  | nd                              | CB                      | LED 1W - 3,2W                              |
| 6 - G   | nd             | 175 V DC - 275 V DC  | nd                              | CB                      | LED 6W                                     |
| 7 - Z   | nd             | 175 V DC - 275 V DC  | nd                              | CB                      | LED 1W - 6W                                |
| 7 - Z   | nd             | 175 V DC - 275 V DC  | nd                              | CB                      | LED 1W - 6W                                |

\* 6W - tylko podczas pracy awaryjnej (NM) z modułem B, Z  
\* 6W - only during emergency mode (NM) with B, Z

\*\* E - praca tylko awaryjna (NM)  
\*\* E - only emergency mode (NM)

\*\*\* 3h - nie występuje dla modułu „E” o mocy 3W  
\*\*\* 3h - does not exist for E module 3W

## DODATKOWE INFORMACJE:

Dioda LED sygnalizująca obecność napięcia i ładowanie akumulatora  
Zabezpieczenie przed głębokim rozładowaniem  
Możliwość przystosowania oprawy do pracy w niskich temperaturach

## ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charging  
Deep discharge protection  
Optional adaptation of the fixture for low temperatures up to -25°C

AKCESORIA  
ACCESSORIES

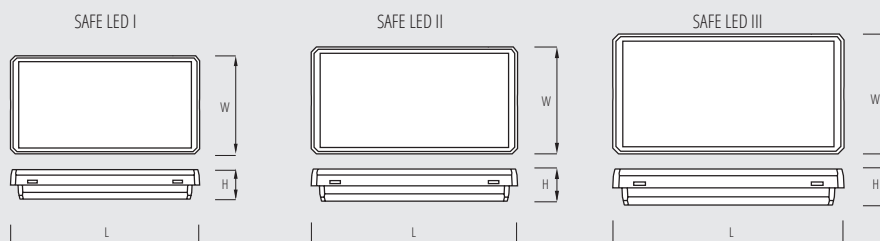
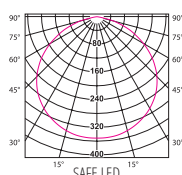
Klosze pionowe do wersji: SAFE LED I, SAFE LED II, SAFE LED III  
Vertical diffusers for: SAFE LED I, SAFE LED II, SAFE LED III

Zestaw do sufitu podwieszanego  
Set for recessed mounting

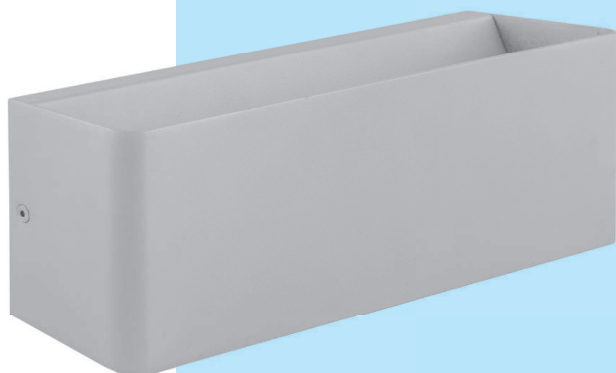
Zestaw do niskich temperatur (do -25°C)  
Set for low temperatures up to -25°C

WYMIARY  
DIMENSIONS

|              | L    | W    | H    |
|--------------|------|------|------|
|              | [mm] | [mm] | [mm] |
| SAFE LED I   | 226  | 124  | 42   |
| SAFE LED II  | 276  | 143  | 44   |
| SAFE LED III | 332  | 178  | 52   |







SEMI LED



SEMI LED DECO



## SEMI LED

**Wykonanie:** korpus z blachy aluminiowej malowanej na kolor szary, podstawa z blachy stalowej. Wersja DECO - klosz OPAL

**Montaż:** naścienny

**Zasilanie:** 220 - 240 V

**Materials:** housing made of powder painted aluminium (standard colour: grey), steel sheet body, DECO version - OPAL diffuser

**Installation:** wall mounted

**Power supply:** 220 - 240 V

## SEMI LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



SEMI LED

| MOC           | ŹRÓDŁO | STRUMIEN<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]    | INFO | KOLOR  | KOD       |
|---------------|--------|------------------------------|-------------------------|---------|------|--------|-----------|
| POWER         | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]    | INFO | COLOUR | CODE      |
| SEMI LED      | 9 W    | LED 3000 K                   | 660 lm                  | 73 lm/W | 1,0  | -      | PX4085901 |
|               | 9 W    | LED 4000 K                   | 680 lm                  | 76 lm/W | 1,0  | -      | PX4085908 |
| SEMI LED DECO | 9 W    | LED 3000 K                   | 470 lm                  | 52 lm/W | 1,0  | OPAL   | PX4085915 |
|               | 9 W    | LED 4000 K                   | 480 lm                  | 53 lm/W | 1,0  | OPAL   | PX4085922 |

Istnieje możliwość lakierowania oprawy na dowolny kolor z palety RAL - na zapytanie  
Possibility painting in any of RAL colours - on request



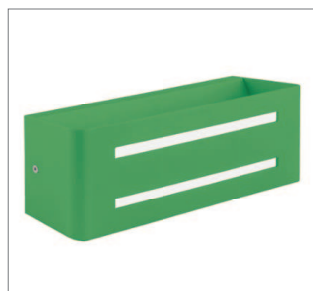
SEMI LED DECO



SEMI LED DECO - wersja personalizowana na zapytanie  
SEMI LED DECO - on request: possibility of personalization



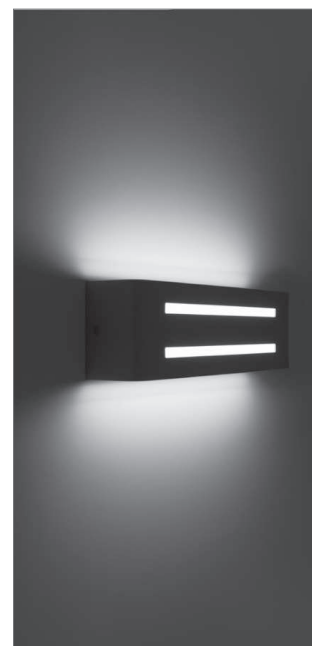
SEMI LED DECO - wersja personalizowana na zapytanie  
SEMI LED DECO - on request: possibility of personalization



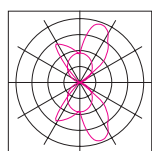
SEMI LED DECO - wersja personalizowana na zapytanie  
SEMI LED DECO - on request: possibility of personalization



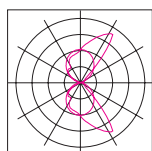
SEMI LED



SEMI LED DECO



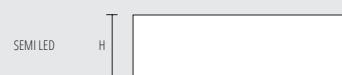
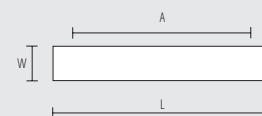
SEMI LED

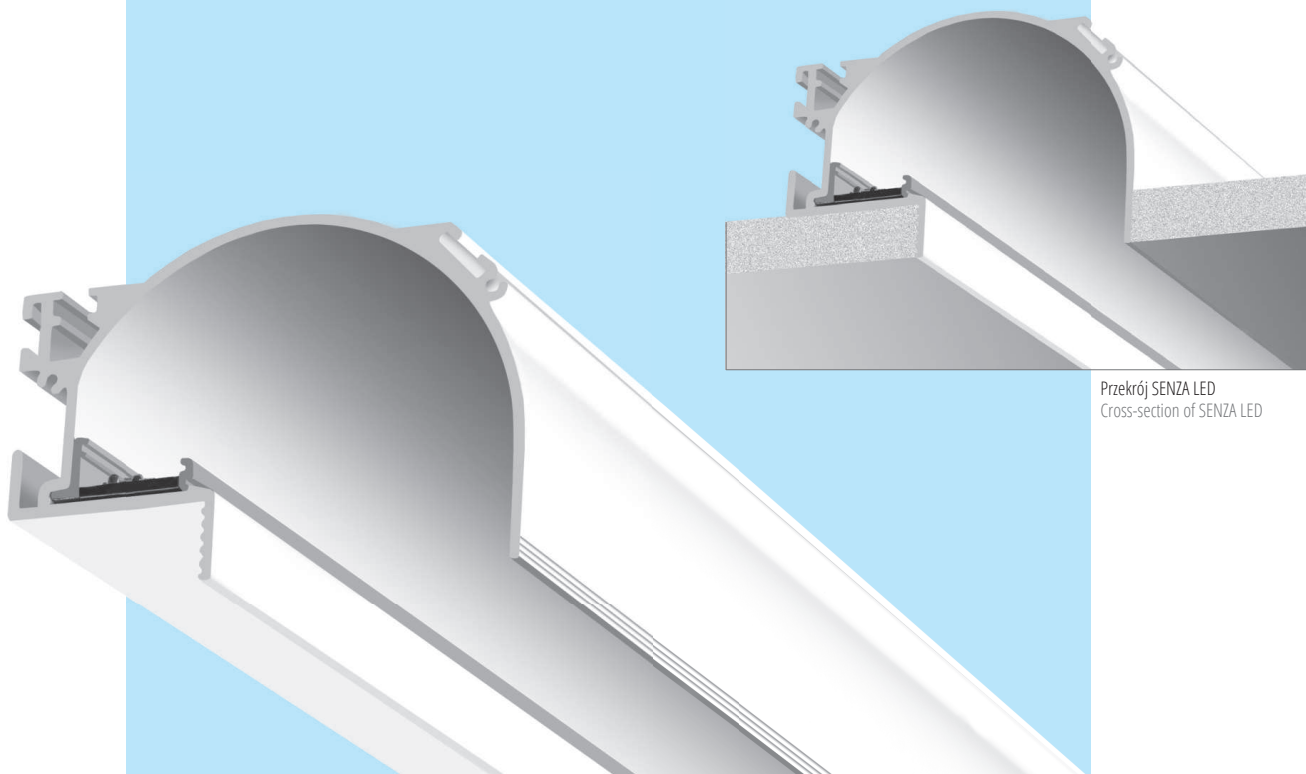


SEMI LED DECO

WYMIARY  
DIMENSIONS

| L    | W    | H    | A    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 307  | 74   | 100  | 230  |





Przekrój SENZA LED  
Cross-section of SENZA LED



## SENZA LED

**Wykonanie:** profil aluminiowy bezramkowy malowany elektrostatycznie (w standardzie kolor biały)

**Montaż:** do wpuszczenia w sufit gipsowo-kartonowy G/K lub w ścianę G/K

**Akcesoria:** paski LED, zewnętrzne i wewnętrzne łączniki kątowe (pionowe i poziome), puszka na zasilacz, komplet łączników, końcówki, zestawy uchwytów montażowych (typu X, Y, Z), zasilacze, sterownik RGB

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted trimless aluminum profile (standard colour: white)

**Installation:** into plaster-cardboard ceiling or into the wall

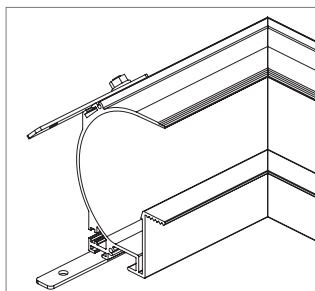
**Accessories:** LED strips, outward and angled joining (vertical and horizontal), driver's enclosure, joining kit, end caps set, mounting brackets set (type X, Y, Z), drivers, RGB LED Controller

**Power supply:** 220 V - 240 V

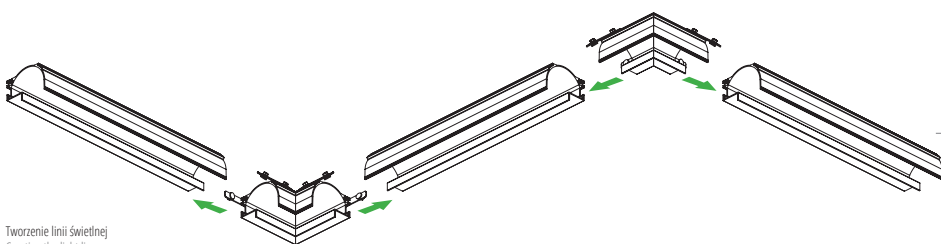
## NOWOŚĆ



SENZA LED - pasek LED  
LEDs of SENZA LED



SENZA LED - łącznik kątowy pionowy  
SENZA LED - vertical angled joining



Tworzenie linii świetlnej  
Creating the light line

Kompletowanie zestawu:  
Podstawą jest profil aluminiowy. Do określonej długości profilu należy dokupić akcesoria w postaci paska LED i elementów łączących.

Completing the set:  
After choosing the aluminium profile one needs to purchase suitable accessories – LED strip and joining kit.

UWAGA:  
Tabela obok pokazuje moc i strumień świetlny dla profili aluminiowych o długościach 440, 980, 2000, 3020 mm wyposażonych w pasek LED PX4090836. Dane świetlne dla pozostałych pasków LED mają niższe wartości strumienia świetlnych.

PLEASE NOTE:  
The table showcases the power and lumen outputs for aluminium profiles of lengths: 440, 980, 2000, 3020 mm equipped with LED strip PX4090836. Photometric data for the other LED strips have lower lumen output values.



# SENZA LED

| DEŁGOŚĆ PROFILU | [kg] | KOLOR  | KOD       |
|-----------------|------|--------|-----------|
| LENGTH [mm]     | [kg] | COLOUR | CODE      |
| PROFIL          | 440  | 0,8    | PX4090801 |
| ALUMINIOWY      | 980  | 1,7    | PX4090808 |
| ALUMINIUM       | 2000 | 3,2    | PX4090815 |
| PROFILE         | 3020 | 4,6    | PX4090822 |

| DEŁGOŚĆ PROFILU | MOC    | ŹRÓDŁO     | STRUMIEŃ OPRAWY           | SKUTECZNOŚĆ OPRAWY   |
|-----------------|--------|------------|---------------------------|----------------------|
| LENGTH [mm]     | POWER  | LAMP       | LUMINAIRE'S LUMINOUS FLUX | LUMINAIRE'S EFFICACY |
| 440             | 12,6 W | LED 4000 K | 600 lm                    | 48 lm/W              |
| 980             | 23,4 W | LED 4000 K | 1380 lm                   | 59 lm/W              |
| 2000            | 43,8 W | LED 4000 K | 2860 lm                   | 65 lm/W              |
| 3020            | 64,2 W | LED 4000 K | 4320 lm                   | 67 lm/W              |

Możliwość cięcia pasków co 6 cm  
LED strips can be cut every 6 cm

| BARWA  | KOD       | INFO |
|--------|-----------|------|
| COLOUR | CODE      | INFO |
| 3000K  | PX4090825 | 6 m  |
| 3000K  | PX4090827 | 3 m  |
| 4000K  | PX4090829 | 6 m  |
| 4000K  | PX4090836 | 3 m  |
| RGB    | PX4090838 | ?    |

? - na zapytanie ? - on request

| KOD       | INFO                                                             |
|-----------|------------------------------------------------------------------|
| CODE      | INFO                                                             |
| PX4090913 | 20 W OT 20/230-240/24V                                           |
| PX4090920 | 75 W OT 75/220-240/24V                                           |
| PX4090927 | 120 W OT 130/220-240/24V P                                       |
| PX4090934 | 240 W OT 250/220-240/24V P                                       |
| PX4090955 | STEROWNIK RGB BLUETOOTH DO WERSJI BT RGB CONTROLLER FOR VERSIONS |
| PX4090941 | 50 W RGB OTi DALI 50/220-240/24 1-4CH                            |
| PX4090948 | 80 W RGB OTi DALI 80/220-240/24 1-4CH                            |

Zasilacz  
Driver

### AKCESORIA ACCESSORIES

| KOLOR  | KOD  | INFO |
|--------|------|------|
| COLOUR | CODE | INFO |

Komplet łączników liniowych  
Linear joining kit

PX4090878

Komplet boczaków  
End caps set

☐ PX4090885

Zestaw uchwytów montażowych  
Mounting brackets set

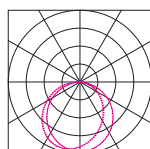
|           |       |        |
|-----------|-------|--------|
| PX4090892 | Typ X | Type X |
| PX4090899 | Typ Y | Type Y |
| PX4090906 | Typ Z | Type Z |

Łączniki kątowe  
Angled joining

|           |                                   |                                       |
|-----------|-----------------------------------|---------------------------------------|
| PX4090843 | łącznik kątowy wewnętrzny pionowy | outward angled joining kit vertical   |
| PX4090850 | łącznik kątowy wewnętrzny poziomy | outward angled joining kit horizontal |
| PX4090857 | łącznik kątowy zewnętrzny pionowy | inward angled joining kit vertical    |
| PX4090864 | łącznik kątowy zewnętrzny poziomy | inward angled joining kit horizontal  |

Puszka na zasilacz  
Driver's enclosure

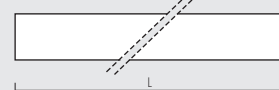
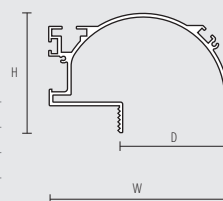
PX4090871



SENZA LED

### WYMIARY DIMENSIONS

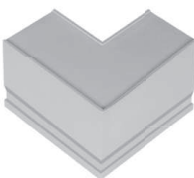
| L    | W    | H    | C    | D    |
|------|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] | [mm] |
| 440  | 84   | 56   | 440  | 51   |
| 980  | 84   | 56   | 980  | 51   |
| 2000 | 84   | 56   | 2000 | 51   |
| 3020 | 84   | 56   | 3020 | 51   |

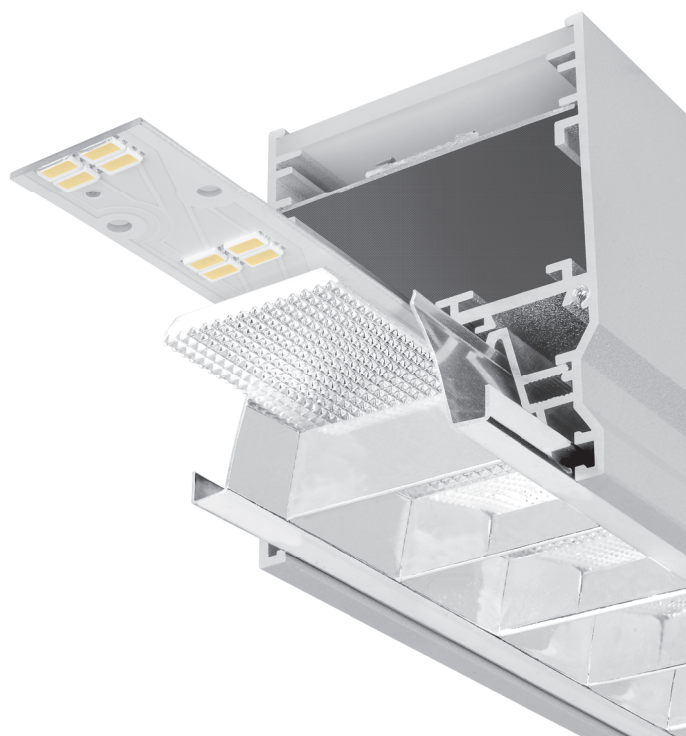


AKCESORIA SIGMA LED  
ACCESSORIES

SIGMA LED

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

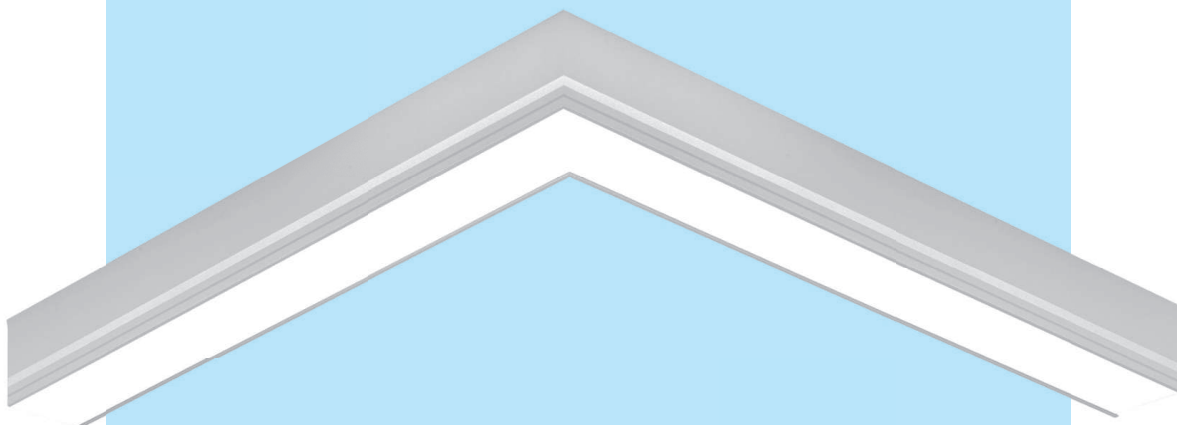
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                     |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-----------|-----------|------|-------------------------------------------------------------------------------------|-----------|---------------------|------|-------------------------------------------------------------------------------------|-----------|------------|------|-------------------------------------------------------------------------------------|-----------|------------|
|    | <div>Końcówka</div> <div>End cap</div> <table><tr><td>0,10</td><td></td><td>PX4040308</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,10      |    | PX4040308 |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,10                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PX4040308 |                                                                                     |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|    | <div>Łącznik NT (tylko wersja DI)</div> <div>NT join (only for DI version)</div> <table><tr><td>0,10</td><td></td><td>PX4040301</td></tr></table> <div>1 kpl. (2szt.)</div> <div>1 set (2 pcs.)</div>                                                                                                                                                                                                                                                                                                                                                                                                                          | 0,10      |    | PX4040301 |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,10                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PX4040301 |                                                                                     |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|    | <div>Maskownica górna (tylko wersja DI)</div> <div>Masking cover (only for DI version)</div> <table><tr><td>0,15</td><td></td><td>PX4040315</td><td>L=545</td></tr><tr><td>0,26</td><td></td><td>PX4040322</td><td>L=1085</td></tr><tr><td>0,35</td><td></td><td>PX4040329</td><td>L=1625</td></tr><tr><td>0,48</td><td></td><td>PX4040336</td><td>L=2170</td></tr></table> | 0,15      |    | PX4040315 | L=545     | 0,26 |    | PX4040322 | L=1085              | 0,35 |    | PX4040329 | L=1625     | 0,48 |    | PX4040336 | L=2170     |
| 0,15                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PX4040315 | L=545                                                                               |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,26                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PX4040322 | L=1085                                                                              |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PX4040329 | L=1625                                                                              |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,48                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PX4040336 | L=2170                                                                              |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|    | <div>Łącznik liniowy niewidoczny</div> <div>Invisible linear joint</div> <table><tr><td>0,10</td><td></td><td>PX0922227</td></tr></table> <div>1 kpl. (2szt.) / połączenie</div> <div>1 set (2pcs) / connection</div>                                                                                                                                                                                                                                                                                                                                                                                                          | 0,10      |    | PX0922227 |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,10                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PX0922227 |                                                                                     |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|  | <div>Zawieszenie zwykłe</div> <div>Simple suspension</div> <table><tr><td>0,10</td><td>INOX</td><td>PX0922143</td><td>*</td></tr></table> <div>* Standardowa długość zwieszni maksymalnie 1,5 m</div> <div>* Standard length of suspension maximum 1,5 m</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,10      | INOX                                                                                | PX0922143 | *         |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,10                                                                                | INOX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PX0922143 | *                                                                                   |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|  | <div>Zawieszenie elektryczne</div> <div>Electric suspension</div> <table><tr><td>0,20</td><td></td><td>PX0922021</td><td>*</td></tr><tr><td>0,20</td><td></td><td>PX0922032</td><td>*</td></tr><tr><td>0,20</td><td></td><td>PX0922038</td><td>*</td></tr></table> <div>* Standardowa długość zwieszni maksymalnie 1,5 m</div> <div>* Standard length of suspension maximum 1,5 m</div>                                                                | 0,20      |  | PX0922021 | *         | 0,20 |  | PX0922032 | *                   | 0,20 |  | PX0922038 | *          |      |                                                                                     |           |            |
| 0,20                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX0922021 | *                                                                                   |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,20                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX0922032 | *                                                                                   |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,20                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX0922038 | *                                                                                   |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|  | <div>Łącznik „GWIAZDA” 6x</div> <div>6x joint „STAR”</div> <table><tr><td>1,50</td><td></td><td>PX4040350</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1,50      |  | PX4040350 |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 1,50                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX4040350 |                                                                                     |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|  | <div>Łącznik 90°</div> <div>90° joint</div> <table><tr><td>0,50</td><td></td><td>PX4040343</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,50      |  | PX4040343 |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,50                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX4040343 |                                                                                     |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
|                                                                                     | <div>Okablowanie przelotowe</div> <div>Through wiring</div> <table><tr><td>0,12</td><td></td><td>PX4043501</td><td>5x L= 545</td></tr><tr><td>0,20</td><td></td><td>PX4043508</td><td>5x L= 1085 / CORNER</td></tr><tr><td>0,30</td><td></td><td>PX4043515</td><td>5x L= 1625</td></tr><tr><td>0,35</td><td></td><td>PX4043522</td><td>5x L= 2170</td></tr></table> | 0,12      |  | PX4043501 | 5x L= 545 | 0,20 |  | PX4043508 | 5x L= 1085 / CORNER | 0,30 |  | PX4043515 | 5x L= 1625 | 0,35 |  | PX4043522 | 5x L= 2170 |
| 0,12                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX4043501 | 5x L= 545                                                                           |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,20                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX4043508 | 5x L= 1085 / CORNER                                                                 |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,30                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX4043515 | 5x L= 1625                                                                          |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |
| 0,35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PX4043522 | 5x L= 2170                                                                          |           |           |      |                                                                                     |           |                     |      |                                                                                     |           |            |      |                                                                                     |           |            |



SIGMA LED



| AKCESORIA SIGMA II LED<br>ACCESSORIES                                               |                                                                                                                    | SIGMA II LED                                                                                      |                                                                                     |           |                              | AKCESORIA SIGMA II G/K LED<br>ACCESSORIES                                                                                                                             |                                                          | SIGMA II GK LED                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|---------------|------|---------------------------------------------------------------------------------------|-----------|---------------------|--|
|                                                                                     |                                                                                                                    | [kg]                                                                                              | KOLOR                                                                               | KOD       | INFO                         |                                                                                                                                                                       |                                                          | [kg]                                                                                  | KOLOR                                                                               | KOD        | INFO          |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | [kg]                                                                                              | COLOUR                                                                              | CODE      | INFO                         |                                                                                                                                                                       |                                                          | [kg]                                                                                  | COLOUR                                                                              | CODE       | INFO          |      |                                                                                       |           |                     |  |
|    | Końcówka z PC<br>End cap made of PC                                                                                | 0,016                                                                                             |    | PX4040360 | logo PXF                     |                                                                                     | Końcówka<br>End cap                                      | 0,10                                                                                  |  | PX4040313  | OPAL/MPRIM    |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,016                                                                                             |    | PX4040366 | logo PXF                     |                                                                                                                                                                       |                                                          | 0,10                                                                                  |  | PX4040314  | PAR           |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,016                                                                                             |    | PX4040368 | logo PXF                     |                                                                                                                                                                       |                                                          | 0,10                                                                                  |  | PX4041157  | OPAL CLICK-IN |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,016                                                                                             |    | PX4040372 |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,016                                                                                             |    | PX4040378 |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,016                                                                                             |    | PX4040380 |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|    | Łącznik NT (tylko wersja DI)<br>NT join (only for DI version)                                                      | 0,10                                                                                              |    | PX4040301 |                              |                                                                                     | Łącznik liniowy niewidoczny<br>Invisible linear joint    | 0,10                                                                                  |  | PX0922227  |               |      |                                                                                       |           |                     |  |
|                                                                                     | 1 kpl. (2szt.)<br>1 set (2 pcs.)                                                                                   |                                                                                                   |                                                                                     |           |                              |                                                                                                                                                                       | 1 kpl. (2szt.) / połączenie<br>1 set (2pcs) / connection |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|    | Maskownica górna (tylko wersja DI)<br>Masking cover (only for DI version)                                          | 0,15                                                                                              |    | PX4040315 | L=545                        |                                                                                     | Łącznik 90°<br>90° joint                                 | 0,50                                                                                  |  | PX4040351  |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,26                                                                                              |    | PX4040322 | L=1085                       |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,35                                                                                              |    | PX4040329 | L=1625                       |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,48                                                                                              |    | PX4040336 | L=2170                       |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    |                                                                                                   |                                                                                     |           |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|    | Łącznik liniowy niewidoczny<br>Invisible linear joint                                                              | 0,10                                                                                              |    | PX0922227 |                              | SIGMA II G/K LED                                                                                                                                                      |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     | 1 kpl. (2szt.) / połączenie<br>1 set (2pcs) / connection                                                           |                                                                                                   |                                                                                     |           |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|  | Zawieszenie zwykłe<br>Simple suspension                                                                            | 0,10                                                                                              | INOX                                                                                | PX0922143 | *                            | Okablowanie przelotowe: SIGMA II LED; SIGMA II G/K LED<br>Through wiring for SIGMA II LED; SIGMA II G/K LED                                                           |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     | * Standardowa długość zwieszki maksymalnie 1,5 m<br>* Standard length of suspension maximum 1,5 m                  |                                                                                                   |                                                                                     |           |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|  | Zawieszenie elektryczne<br>Electric suspension                                                                     | 0,20                                                                                              |  | PX0922021 | *                            |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               | 0,12 |  | PX4043501 | 5x L= 545           |  |
|                                                                                     |                                                                                                                    | 0,20                                                                                              |  | PX0922032 | *                            |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               | 0,20 |  | PX4043508 | 5x L= 1085 / CORNER |  |
|                                                                                     |                                                                                                                    | 0,20                                                                                              |  | PX0922038 | *                            |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               | 0,30 |  | PX4043515 | 5x L= 1625          |  |
|                                                                                     |                                                                                                                    | * Standardowa długość zwieszki maksymalnie 1,5 m<br>* Standard length of suspension maximum 1,5 m |                                                                                     |           |                              |                                                                                                                                                                       | 0,35                                                     |  | PX4043522                                                                           | 5x L= 2170 |               |      |                                                                                       |           |                     |  |
|  | Łącznik T<br>T joint                                                                                               | 0,75                                                                                              |  | PX4040357 |                              | <br>SIGMA II LED z nową końcówką z PC<br>SIGMA II LED with new end cap made of PC |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    |                                                                                                   |                                                                                     |           |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|  | Łącznik 90°<br>90° joint                                                                                           | 0,50                                                                                              |  | PX4040349 |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    |                                                                                                   |                                                                                     |           |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|  | Końcówka ALU<br>ALU End cap                                                                                        | 0,10                                                                                              |  | PX4040311 | Czarne śruby<br>Black screws |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | 0,10                                                                                              |  | PX4040310 |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     | Do zamówień specjalnych - lakierowanie wg palety RAL<br>For special orders - painting according to the RAL palette |                                                                                                   |                                                                                     |           |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |
|                                                                                     |                                                                                                                    | SIGMA II LED                                                                                      |                                                                                     |           |                              |                                                                                                                                                                       |                                                          |                                                                                       |                                                                                     |            |               |      |                                                                                       |           |                     |  |



## SIGMA CORNER LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** zwieszany, nastropowy

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne), łącznik NT, okablowanie przelotowe. Maskownica górna oraz elementy umożliwiające montaż linki zwieszakowej są dostępne w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** suspended, surface mounted

**Accessories:** end caps, invisible linear joint, suspension (simple, electric). NT joint, through wiring. Masking cover and joints for suspended installation are included in the set with the luminaire.

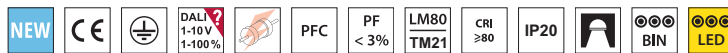
**Power supply:** 220 V - 240 V

# SIGMA CORNER LED

NOWOŚĆ



SIGMA CORNER LED OPAL



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

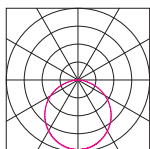
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 25 W  | LED 3000 K | 2330 lm                      | 93 lm/W                 | 2,3  | OPAL | ■      | PX4041001 |
| 25 W  | LED 4000 K | 2380 lm                      | 95 lm/W                 | 2,3  | OPAL | ■      | PX4041008 |
| 25 W  | LED 3000 K | 2510 lm                      | 100 lm/W                | 2,3  | MPRM | ■      | PX4041043 |
| 25 W  | LED 4000 K | 2560 lm                      | 102 lm/W                | 2,3  | MPRM | ■      | PX4041050 |

## AKCESORIA ACCESSORIES

Akcesoria na stronie: 49  
Accessories on page:

UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!

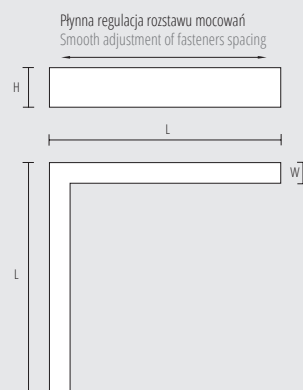
Do oprawy dostępne są modele BIM  
BIM files are available for this product



SIGMA CORNER LED

## WYMIARY DIMENSIONS

| L    | W    | H    | A    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 576  | 57   | 75   | -    |





## SIGMA II CORNER LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** zwieszany, nastropowy

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne), łącznik NT, okablowanie przelotowe. Maskownica górna oraz elementy umożliwiające montaż linki zwieszakowej są dostępne w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

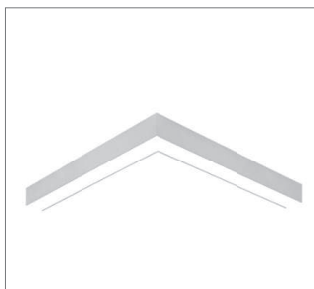
**Materials:** electrostatically painted aluminum profile (standard colour: grey), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** suspended, surface mounted

**Accessories:** end caps, invisible linear joint, suspension (simple, electric). NT joint, through wiring. Masking cover and joints for suspended installation are included in the set with the luminaire.

**Power supply:** 220 V - 240 V

# SIGMA II CORNER LED PREMIUM



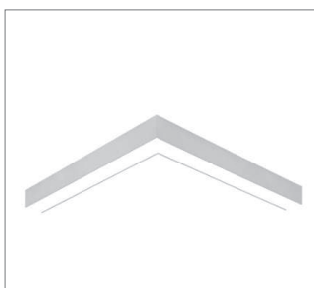
SIGMA II CORNER LED PREMIUM OPAL



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 19 W  | LED 3000 K | 2200 lm                      | 116 lm/W                | 2,3  | OPAL | ■      | PX4043295 |
| 19 W  | LED 4000 K | 2270 lm                      | 119 lm/W                | 2,3  | OPAL | ■      | PX4043302 |
| 19 W  | LED 3000 K | 2390 lm                      | 126 lm/W                | 2,3  | MPRM | ■      | PX4043309 |
| 19 W  | LED 4000 K | 2460 lm                      | 129 lm/W                | 2,3  | MPRM | ■      | PX4043316 |

# SIGMA II CORNER LED



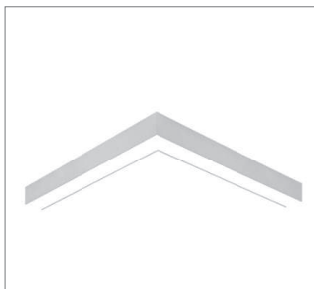
SIGMA II CORNER LED OPAL



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 25 W  | LED 3000 K | 2330 lm                      | 93 lm/W                 | 2,3  | OPAL | ■      | PX4041015 |
| 25 W  | LED 4000 K | 2380 lm                      | 95 lm/W                 | 2,3  | OPAL | ■      | PX4041022 |
| 25 W  | LED 3000 K | 2510 lm                      | 100 lm/W                | 2,3  | MPRM | ■      | PX4041057 |
| 25 W  | LED 4000 K | 2560 lm                      | 102 lm/W                | 2,3  | MPRM | ■      | PX4041064 |

# SIGMA II CORNER LITE LED



SIGMA II CORNER LITE LED OPAL



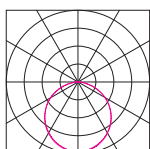
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 14 W  | LED 3000 K | 1290 lm                      | 92 lm/W                 | 2,3  | OPAL | ■      | PX4042674 |
| 14 W  | LED 4000 K | 1320 lm                      | 94 lm/W                 | 2,3  | OPAL | ■      | PX4042680 |
| 14 W  | LED 3000 K | 1380 lm                      | 99 lm/W                 | 2,3  | MPRM | ■      | PX4042710 |
| 14 W  | LED 4000 K | 1410 lm                      | 101 lm/W                | 2,3  | MPRM | ■      | PX4042716 |

## AKCESORIA ACCESSORIES

Akcesoria na stronie: 49  
Accessories on page:

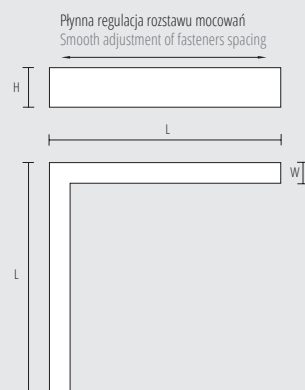
UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!



SIGMA II CORNER LITE LED

## WYMIARY DIMENSIONS

| L    | W    | H    | A    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 576  | 57   | 75   | -    |

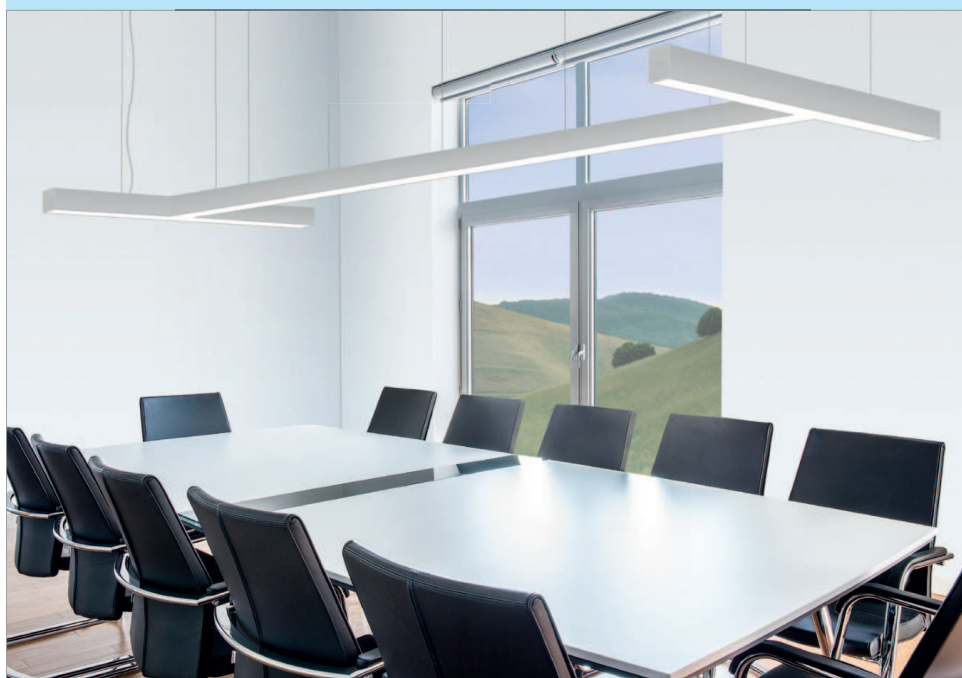




SIGMA II CORNER X LED

SIGMA II CORNER Y LED

SIGMA II CORNER T LED



# SIGMA II CORNER • X • T • Y • LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** zwieszany

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne).

Maskownica górna i elementy umożliwiające montaż linki zwieszakowej dostępne są w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** suspended

**Accessories:** end caps, invisible linear joint, suspension (simple, electric).

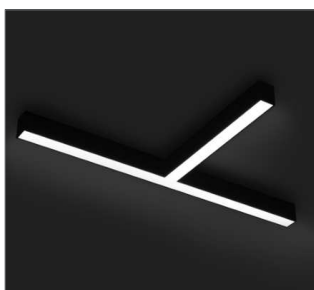
Masking cover and joints for suspended installation are included in the set with the luminaire.

**Power supply:** 220 V - 240 V

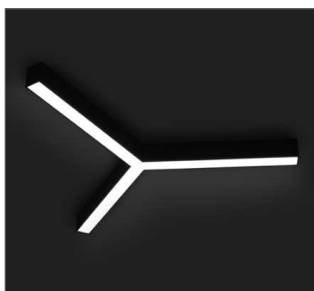
NOWOŚĆ



SIGMA II CORNER X LED



SIGMA II CORNER T LED



SIGMA II CORNER Y LED

## SIGMA II CORNER X LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 80

| MOC                      | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|--------------------------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER                    | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| SIGMA II CORNER<br>X LED | 48 W   | LED 3000 K                   | 4860 lm                 | 101 lm/W | 4,5  | OPAL   | PX4040384 |
|                          | 48 W   | LED 4000 K                   | 4950 lm                 | 103 lm/W | 4,5  | OPAL   | PX4040385 |
|                          | 48 W   | LED 3000 K                   | 5210 lm                 | 109 lm/W | 4,5  | MPRM   | PX4040390 |
|                          | 48 W   | LED 4000 K                   | 5320 lm                 | 111 lm/W | 4,5  | MPRM   | PX4040391 |

## SIGMA II CORNER T LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 80

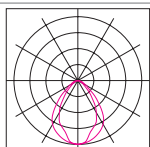
| MOC                      | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|--------------------------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER                    | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| SIGMA II CORNER<br>T LED | 36 W   | LED 3000 K                   | 3610 lm                 | 100 lm/W | 3,4  | OPAL   | PX4040382 |
|                          | 36 W   | LED 4000 K                   | 3680 lm                 | 102 lm/W | 3,4  | OPAL   | PX4040383 |
|                          | 36 W   | LED 3000 K                   | 3860 lm                 | 107 lm/W | 3,4  | MPRM   | PX4040388 |
|                          | 36 W   | LED 4000 K                   | 3940 lm                 | 109 lm/W | 3,4  | MPRM   | PX4040389 |

## SIGMA II CORNER Y LED

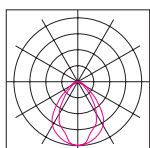


L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 80

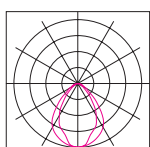
| MOC                      | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|--------------------------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER                    | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| SIGMA II CORNER<br>Y LED | 36 W   | LED 3000 K                   | 3610 lm                 | 100 lm/W | 3,4  | OPAL   | PX4040386 |
|                          | 36 W   | LED 4000 K                   | 3680 lm                 | 102 lm/W | 3,4  | OPAL   | PX4040387 |
|                          | 36 W   | LED 3000 K                   | 3860 lm                 | 107 lm/W | 3,4  | MPRM   | PX4040392 |
|                          | 36 W   | LED 4000 K                   | 3940 lm                 | 109 lm/W | 3,4  | MPRM   | PX4040393 |



SIGMA II CORNER X LED



SIGMA II CORNER T LED

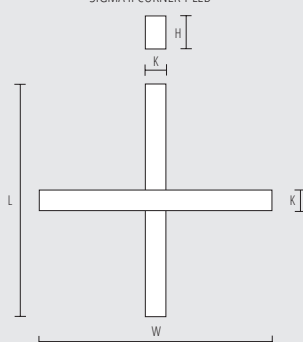


SIGMA II CORNER Y LED

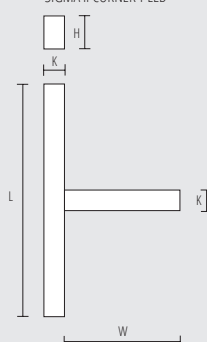
AKCESORIA  
ACCESSORIESW standardzie oprawy posiadają okablowanie przelotowe  
Standard version with through wiringAkcesoria na stronie: 49  
Accessories on page:WYMIARY  
DIMENSIONS

| INFO  | L    | W    | H    | J    | K    |
|-------|------|------|------|------|------|
| INFO  | [mm] | [mm] | [mm] | [mm] | [mm] |
| X LED | 1117 | 1117 | 75   | -    | 57   |
| T LED | 1117 | 530  | 75   | -    | 57   |
| Y LED | -    | -    | 75   | 550  | 57   |

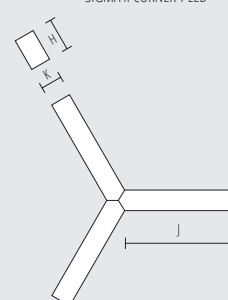
SIGMA II CORNER Y LED

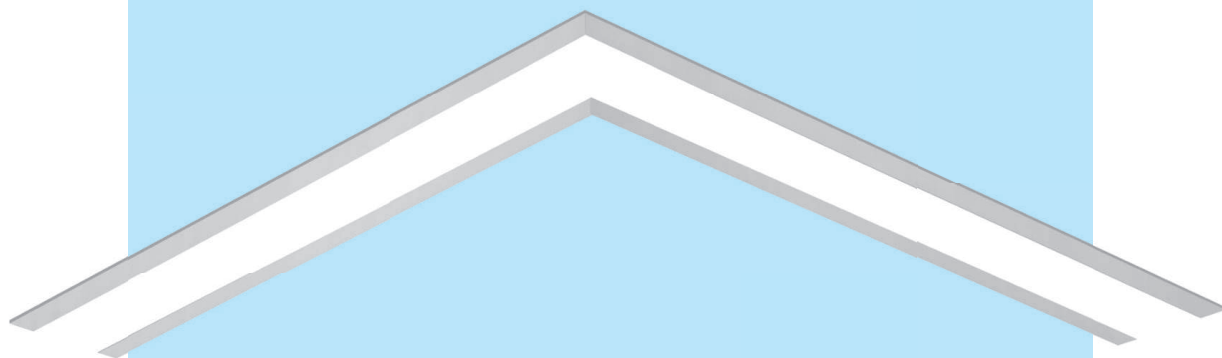


SIGMA II CORNER T LED



SIGMA II CORNER X LED





## SIGMA II G/K CORNER LED

## SIGMA II G/K CORNER LITE LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** do wpuszczenia w sufit gipsowo-kartonowy G/K

**Akcesoria:** końcówki, łącznik liniowy niewidoczny

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** into plaster-cardboard ceiling

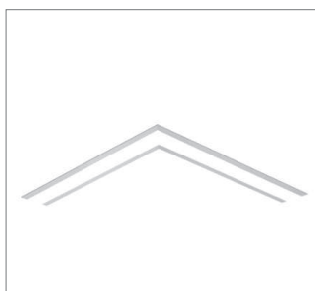
**Accessories:** end caps, invisible linear joint

**Power supply:** 220 V - 240 V

## SIGMA II G/K CORNER LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



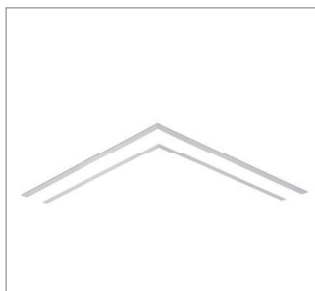
SIGMA II G/K CORNER LED OPAL

| MOC                        | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|----------------------------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER                      | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| SIGMA II G/K<br>CORNER LED | 25 W   | LED 3000 K                   | 2560 lm                 | 102 lm/W | 2,7  | OPAL   | PX4041038 |
|                            | 25 W   | LED 4000 K                   | 2600 lm                 | 104 lm/W | 2,7  | OPAL   | PX4041040 |
|                            | 25 W   | LED 3000 K                   | 2830 lm                 | 113 lm/W | 2,7  | MPRM   | PX4041071 |
|                            | 25 W   | LED 4000 K                   | 2890 lm                 | 115 lm/W | 2,7  | MPRM   | PX4041078 |

## SIGMA II G/K CORNER LITE LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



SIGMA II G/K CORNER LITE LED OPAL

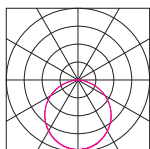
| MOC                             | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|---------------------------------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER                           | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| SIGMA II G/K<br>CORNER LITE LED | 14 W   | LED 3000 K                   | 1240 lm                 | 89 lm/W  | 2,7  | OPAL   | PX4042694 |
|                                 | 14 W   | LED 4000 K                   | 1270 lm                 | 91 lm/W  | 2,7  | OPAL   | PX4042696 |
|                                 | 14 W   | LED 3000 K                   | 1380 lm                 | 99 lm/W  | 2,7  | MPRM   | PX4042722 |
|                                 | 14 W   | LED 4000 K                   | 1410 lm                 | 101 lm/W | 2,7  | MPRM   | PX4042728 |

AKCESORIA  
ACCESSORIES

Akcesoria na stronie: 49  
Accessories on page:

UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!

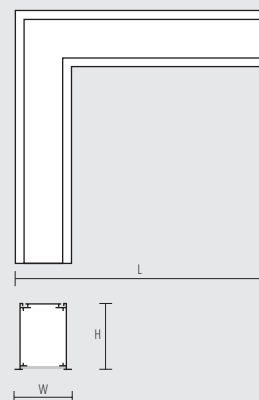
Do oprawy dostępne są modele BIM  
BIM files are available for this product



SIGMA II G/K CORNER LED

WYMIARY  
DIMENSIONS

| INFO | L    | W    | H    |
|------|------|------|------|
| INFO | [mm] | [mm] | [mm] |
| 25 W | 588  | 73   | 75   |





## SIGMA II G/K LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), raster paraboliczne z płytą mikropryzmatyczną (PAR), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** do wpuszczenia w sufit gipsowo-kartonowy G/K

**Akcesoria:** końcówki, łącznik liniowy niewidoczny

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), parabolic louver with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** into plaster-cardboard ceiling

**Accessories:** end caps, invisible linear joint

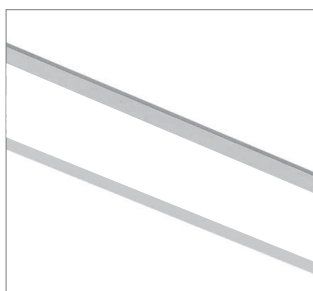
**Power supply:** 220 V - 240 V



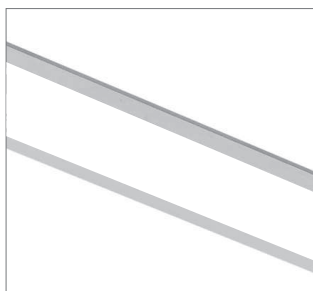
# SIGMA II G/K LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Klosz OPAL  
OPAL diffuser



Klosz MPRM  
MPRM diffuser

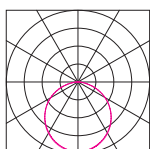
Raster PAR  
PAR Inver

|     |      | MOC   |             | ŹRÓDŁO  | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO                                                                                  | KOLOR                                                                               | KOD                                                                                 |           |
|-----|------|-------|-------------|---------|------------------------------|-------------------------|----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
|     |      | POWER | LAMP        |         | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO                                                                                  | COLOUR                                                                              | CODE                                                                                |           |
|     |      | 13 W  | LED         | 3000 K  | 1380 lm                      | 106 lm/W                | 1,6      | MPRM                                                                                  |  | PX4040857                                                                           |           |
|     |      | 13 W  | LED         | 4000 K  | 1400 lm                      | 107 lm/W                | 1,6      | MPRM                                                                                  |  | PX4040864                                                                           |           |
|     |      | 25 W  | LED         | 3000 K  | 2830 lm                      | 113 lm/W                | 2,7      | MPRM                                                                                  |  | PX4040871                                                                           |           |
|     |      | 25 W  | LED         | 4000 K  | 2890 lm                      | 115 lm/W                | 2,7      | MPRM                                                                                  |  | PX4040878                                                                           |           |
|     |      | 36 W  | LED         | 3000 K  | 4300 lm                      | 119 lm/W                | 3,6      | MPRM                                                                                  |  | PX4040885                                                                           |           |
|     |      | 36 W  | LED         | 4000 K  | 4380 lm                      | 121 lm/W                | 3,6      | MPRM                                                                                  |  | PX4040892                                                                           |           |
|     |      | 48 W  | LED         | 3000 K  | 5790 lm                      | 120 lm/W                | 5,3      | MPRM                                                                                  |  | PX4040899                                                                           |           |
|     |      | 48 W  | LED         | 4000 K  | 5900 lm                      | 122 lm/W                | 5,3      | MPRM                                                                                  |  | PX4040906                                                                           |           |
|     |      | 14 W  | LED         | 3000 K  | 1630 lm                      | 116 lm/W                | 1,6      | PAR                                                                                   |  | PX4040913                                                                           |           |
|     |      | 14 W  | LED         | 4000 K  | 1660 lm                      | 118 lm/W                | 1,6      | PAR                                                                                   |  | PX4040920                                                                           |           |
|     |      | 27 W  | LED         | 3000 K  | 3250 lm                      | 120 lm/W                | 2,7      | PAR                                                                                   |  | PX4040927                                                                           |           |
|     |      | 27 W  | LED         | 4000 K  | 3320 lm                      | 122 lm/W                | 2,7      | PAR                                                                                   |  | PX4040934                                                                           |           |
|     |      | 40 W  | LED         | 3000 K  | 4880 lm                      | 122 lm/W                | 3,6      | PAR                                                                                   |  | PX4040936                                                                           |           |
|     |      | 40 W  | LED         | 4000 K  | 4980 lm                      | 124 lm/W                | 3,6      | PAR                                                                                   |  | PX4040938                                                                           |           |
|     |      | 51 W  | LED         | 3000 K  | 6500 lm                      | 127 lm/W                | 5,3      | PAR                                                                                   |  | PX4040941                                                                           |           |
|     |      | 51 W  | LED         | 4000 K  | 6640 lm                      | 130 lm/W                | 5,3      | PAR                                                                                   |  | PX4040948                                                                           |           |
|     |      | NEW   | 13 W        | LED     | 3000 K                       | 1280 lm                 | 98 lm/W  | 1,8                                                                                   | OPAL                                                                                |  | PX4041101 |
|     |      | NEW   | 13 W        | LED     | 4000 K                       | 1300 lm                 | 100 lm/W | 1,8                                                                                   | OPAL                                                                                |  | PX4041108 |
|     |      | NEW   | 25 W        | LED     | 3000 K                       | 2660 lm                 | 106 lm/W | 2,7                                                                                   | OPAL                                                                                |  | PX4041115 |
| NEW | 25 W | LED   | 4000 K      | 2710 lm | 108 lm/W                     | 2,7                     | OPAL     |    | PX4041122                                                                           |                                                                                     |           |
| NEW | 36 W | LED   | 3000 K      | 4040 lm | 112 lm/W                     | 3,7                     | OPAL     |  | PX4041129                                                                           |                                                                                     |           |
| NEW | 36 W | LED   | 4000 K      | 4120 lm | 114 lm/W                     | 3,7                     | OPAL     |  | PX4041136                                                                           |                                                                                     |           |
| NEW | 48 W | LED   | 3000 K      | 5380 lm | 112 lm/W                     | 4,9                     | OPAL     |  | PX4041143                                                                           |                                                                                     |           |
| NEW | 48 W | LED   | 4000 K      | 5500 lm | 115 lm/W                     | 4,9                     | OPAL     |  | PX4041150                                                                           |                                                                                     |           |
| NEW | 30 W | LED   | 2700-6500 K | 3420 lm | 114 lm/W                     | 2,7                     | OPAL     |  | PX4043458                                                                           |                                                                                     |           |
| NEW | 45 W | LED   | 2700-6500 K | 5200 lm | 116 lm/W                     | 3,6                     | OPAL     |  | PX4043460                                                                           |                                                                                     |           |
| NEW | 30 W | LED   | 2700-6500 K | 3250 lm | 108 lm/W                     | 2,7                     | MPRM     |  | PX4043463                                                                           |                                                                                     |           |
| NEW | 45 W | LED   | 2700-6500 K | 4990 lm | 111 lm/W                     | 3,6                     | MPRM     |  | PX4043470                                                                           |                                                                                     |           |
| NEW | 19 W | LED   | 2700-6500 K | 2330 lm | 123 lm/W                     | 2,7                     | PAR      |  | PX4043477                                                                           |                                                                                     |           |
| NEW | 28 W | LED   | 2700-6500 K | 3490 lm | 125 lm/W                     | 3,6                     | PAR      |  | PX4043484                                                                           |                                                                                     |           |
| NEW | 37 W | LED   | 2700-6500 K | 4650 lm | 126 lm/W                     | 5,3                     | PAR      |  | PX4043491                                                                           |                                                                                     |           |

AKCESORIA  
ACCESSORIES

Aksesoria na stronie:  49

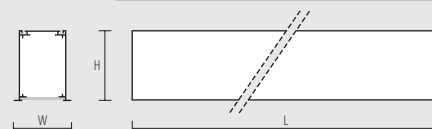
UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!



SIGMA II G/K LED

WYMIARY  
DIMENSIONS

|                  | INFO | L    | W    | H    |
|------------------|------|------|------|------|
|                  | INFO | [mm] | [mm] | [mm] |
|                  | 13 W | 545  | 73   | 75   |
|                  | 25 W | 1085 | 73   | 75   |
|                  | 36 W | 1625 | 73   | 75   |
|                  | 48 W | 2170 | 73   | 75   |
|                  | 14 W | 545  | 73   | 75   |
|                  | 27 W | 1085 | 73   | 75   |
|                  | 40 W | 1625 | 73   | 75   |
|                  | 51 W | 2170 | 73   | 75   |
|                  | 30 W | 1085 | 73   | 75   |
| TUNABLE<br>WHITE | 45 W | 1625 | 73   | 75   |
|                  | 19 W | 1085 | 73   | 75   |
|                  | 28 W | 1625 | 73   | 75   |
|                  | 37 W | 2170 | 73   | 75   |





## SIGMA II G/K LITE LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), raster paraboliczny z płytą mikropryzmatyczną (PAR), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA.

**Montaż:** do wpuszczenia w sufit gipsowo-kartonowy G/K

**Akcesoria:** końcówki, łącznik liniowy niewidoczny

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), parabolic louvre with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA.

**Installation:** into plaster-cardboard ceiling

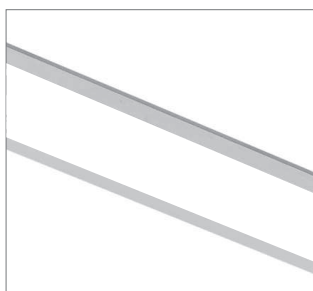
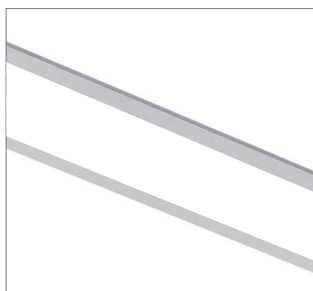
**Accessories:** end caps, invisible linear joint

**Power supply:** 220 V - 240 V

## SIGMA II G/K LITE LED



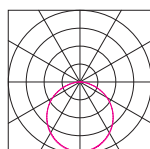
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

Klosz OPAL  
OPAL diffuserKlosz MPRM  
MPRM diffuserRaster PAR  
PAR louver

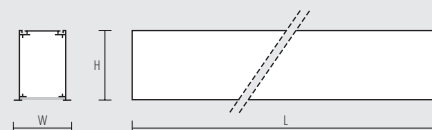
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 8 W   | LED 3000 K | 730 lm                       | 91 lm/W                 | 1,6  | OPAL | ■      | PX4042731 |
| 8 W   | LED 4000 K | 760 lm                       | 95 lm/W                 | 1,6  | OPAL | ■      | PX4042738 |
| 14 W  | LED 3000 K | 1470 lm                      | 105 lm/W                | 2,7  | OPAL | ■      | PX4042745 |
| 14 W  | LED 4000 K | 1500 lm                      | 107 lm/W                | 2,7  | OPAL | ■      | PX4042752 |
| 21 W  | LED 3000 K | 2140 lm                      | 102 lm/W                | 3,6  | OPAL | ■      | PX4042759 |
| 21 W  | LED 4000 K | 2180 lm                      | 104 lm/W                | 3,6  | OPAL | ■      | PX4042766 |
| 28 W  | LED 3000 K | 2790 lm                      | 100 lm/W                | 5,3  | OPAL | ■      | PX4042773 |
| 28 W  | LED 4000 K | 2870 lm                      | 103 lm/W                | 5,3  | OPAL | ■      | PX4042780 |
| 8 W   | LED 3000 K | 670 lm                       | 84 lm/W                 | 1,6  | MPRM | ■      | PX4042578 |
| 8 W   | LED 4000 K | 680 lm                       | 85 lm/W                 | 1,6  | MPRM | ■      | PX4042584 |
| 14 W  | LED 3000 K | 1380 lm                      | 99 lm/W                 | 2,7  | MPRM | ■      | PX4042590 |
| 14 W  | LED 4000 K | 1410 lm                      | 101 lm/W                | 2,7  | MPRM | ■      | PX4042596 |
| 21 W  | LED 3000 K | 2120 lm                      | 101 lm/W                | 3,6  | MPRM | ■      | PX4042602 |
| 21 W  | LED 4000 K | 2170 lm                      | 103 lm/W                | 3,6  | MPRM | ■      | PX4042608 |
| 28 W  | LED 3000 K | 2860 lm                      | 102 lm/W                | 5,3  | MPRM | ■      | PX4042614 |
| 28 W  | LED 4000 K | 2930 lm                      | 105 lm/W                | 5,3  | MPRM | ■      | PX4042620 |
| 14 W  | LED 3000 K | 1630 lm                      | 116 lm/W                | 2,7  | PAR  | ■      | PX4042626 |
| 14 W  | LED 4000 K | 1660 lm                      | 119 lm/W                | 2,7  | PAR  | ■      | PX4042632 |
| 21 W  | LED 3000 K | 2440 lm                      | 116 lm/W                | 3,6  | PAR  | ■      | PX4042638 |
| 21 W  | LED 4000 K | 2490 lm                      | 119 lm/W                | 3,6  | PAR  | ■      | PX4042644 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 5,3  | PAR  | ■      | PX4042650 |
| 27 W  | LED 4000 K | 3320 lm                      | 123 lm/W                | 5,3  | PAR  | ■      | PX4042656 |

AKCESORIA  
ACCESSORIESAkcesoria na stronie: 49  
Accessories on page:UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!WYMIARY  
DIMENSIONS

| INFO | L    | W    | H    |
|------|------|------|------|
| INFO | [mm] | [mm] | [mm] |
| 8 W  | 545  | 73   | 75   |
| 14 W | 1085 | 73   | 75   |
| 21 W | 1625 | 73   | 75   |
| 28 W | 2170 | 73   | 75   |
| 14 W | 1085 | 73   | 75   |
| 21 W | 1625 | 73   | 75   |
| 27 W | 2170 | 73   | 75   |

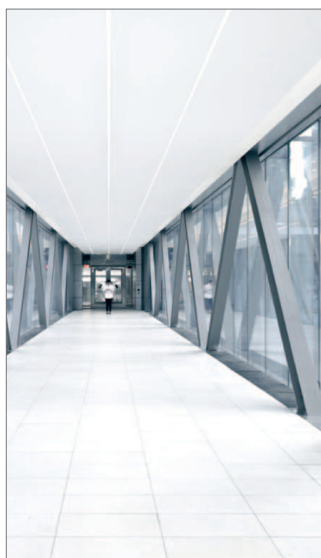


SIGMA II G/K LED

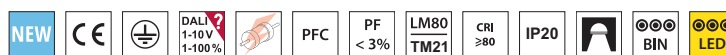
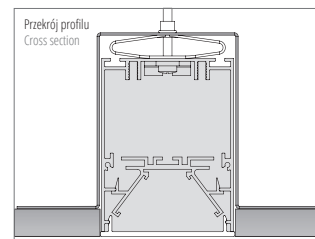
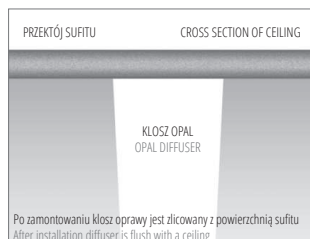
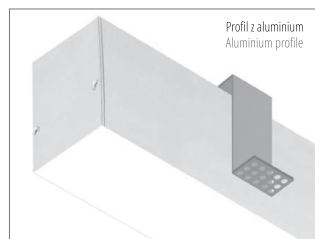


# SIGMA II G/K TRIMLESS LED

NOWOŚĆ



UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION: Standard version without through wiring!



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ OPRAWY           | SKUTECZNOŚĆ OPRAWY   | [kg] | INFO | KOLOR                    | KOD       |
|-------|------------|---------------------------|----------------------|------|------|--------------------------|-----------|
| POWER | LAMP       | LUMINAIRE'S LUMINOUS FLUX | LUMINAIRE'S EFFICACY | [kg] | INFO | COLOUR                   | CODE      |
| 13 W  | LED 3000 K | 1280 lm                   | 98 lm/W              | 1,6  | OPAL | <input type="checkbox"/> | PX4041201 |
| 13 W  | LED 4000 K | 1300 lm                   | 100 lm/W             | 1,6  | OPAL | <input type="checkbox"/> | PX4041208 |
| 25 W  | LED 3000 K | 2660 lm                   | 106 lm/W             | 2,7  | OPAL | <input type="checkbox"/> | PX4041215 |
| 25 W  | LED 4000 K | 2710 lm                   | 108 lm/W             | 2,7  | OPAL | <input type="checkbox"/> | PX4041222 |
| 36 W  | LED 3000 K | 4040 lm                   | 112 lm/W             | 3,6  | OPAL | <input type="checkbox"/> | PX4041229 |
| 36 W  | LED 4000 K | 4120 lm                   | 114 lm/W             | 3,6  | OPAL | <input type="checkbox"/> | PX4041236 |
| 48 W  | LED 3000 K | 5380 lm                   | 112 lm/W             | 5,3  | OPAL | <input type="checkbox"/> | PX4041243 |
| 48 W  | LED 4000 K | 5500 lm                   | 114 lm/W             | 5,3  | OPAL | <input type="checkbox"/> | PX4041250 |

## SIGMA II G/K TRIMLESS LED

**Wykonanie:** profil aluminiowy bezramkowy malowany elektrostatycznie (w standardzie kolor szary), klosz OPAL z PMMA.

**Montaż:** do wypuszczenia w sufit gipsowo-kartonowy G/K

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, okablowanie przelotowe

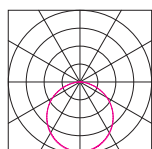
**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted trimless aluminum profile (standard colour: grey), OPAL diffuser made of PMMA

**Installation:** into plaster-cardboard ceiling

**Accessories:** end caps, invisible linear joint, through wiring

**Power supply:** 220 V - 240 V



SIGMA II G/K LED TRIMLESS

### AKCESORIA ACCESSORIES

Końcówka  
End cap

| [kg] | KOLOR                    | KOD       |
|------|--------------------------|-----------|
| [kg] | COLOUR                   | CODE      |
| 0,01 | <input type="checkbox"/> | PX4040312 |

1 szt.  
1 pcs.

Łącznik liniowy niewidoczny  
Invisible linear joint

|      |                          |           |
|------|--------------------------|-----------|
| 1,00 | <input type="checkbox"/> | PX4041259 |
|------|--------------------------|-----------|

Kpl - 2 szt. /połączenie  
Set - 2 pcs. / connection

Szablon do sufitu  
Template for ceiling

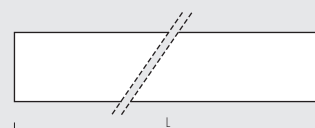
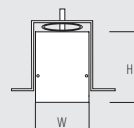
|      |                          |           |
|------|--------------------------|-----------|
| 1,00 | <input type="checkbox"/> | PX4041257 |
|------|--------------------------|-----------|

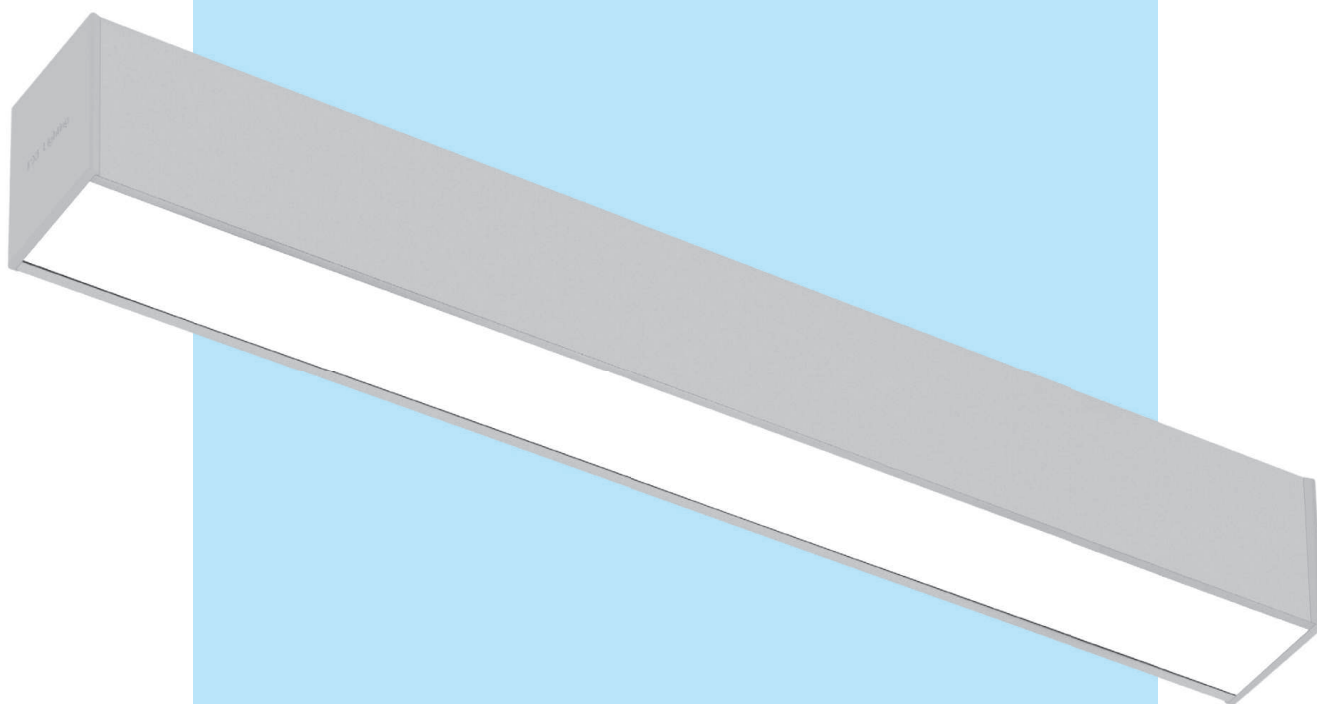
Okablowanie przelotowe  
Through wiring

|      |                          |           |           |
|------|--------------------------|-----------|-----------|
| 0,12 | <input type="checkbox"/> | PX4043501 | 5x L= 545 |
| 0,20 | <input type="checkbox"/> | PX4043508 | 5x L=1085 |
| 0,30 | <input type="checkbox"/> | PX4043515 | 5x L=1625 |
| 0,35 | <input type="checkbox"/> | PX4043522 | 5x L=2170 |

### WYMIARY DIMENSIONS

| INFO | L    | W    | H    |
|------|------|------|------|
| INFO | [mm] | [mm] | [mm] |
| 13 W | 545  | 57   | 78   |
| 25 W | 1085 | 57   | 78   |
| 36 W | 1625 | 57   | 78   |
| 48 W | 2170 | 57   | 78   |





## SIGMA II KINKIET DI-IN LED BRACKET

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz OPAL z PMMA. Możliwość łączenia kinkietów w linię świetlną.

**Montaż:** naścienny

**Akcesoria:** końcówki, łącznik liniowy niewidoczny

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), OPAL diffuser made of PMMA. Easy inline installation.

**Installation:** wall mounted

**Accessories:** end caps, invisible linear joint

**Power supply:** 220 V - 240 V



# SIGMA II KINKIET DI-IN LED

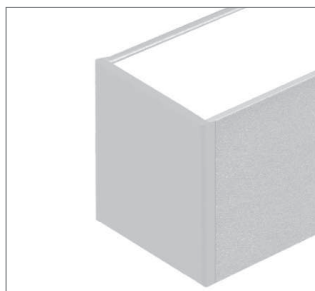


L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 21 W  | LED 3000 K | 1910 lm                      | 91 lm/W                 | 1,50 | ■      | PX4040765 |
| 21 W  | LED 4000 K | 1940 lm                      | 92 lm/W                 | 1,50 | ■      | PX4040769 |
| 39 W  | LED 3000 K | 3920 lm                      | 100 lm/W                | 2,65 | ■      | PX4040773 |
| 39 W  | LED 4000 K | 4000 lm                      | 102 lm/W                | 2,65 | ■      | PX4040777 |
| 58 W  | LED 3000 K | 5990 lm                      | 103 lm/W                | 3,70 | ■      | PX4040781 |
| 58 W  | LED 4000 K | 6110 lm                      | 105 lm/W                | 3,70 | ■      | PX4040785 |
| 77 W  | LED 3000 K | 8030 lm                      | 104 lm/W                | 5,35 | ■      | PX4040789 |
| 77 W  | LED 4000 K | 8190 lm                      | 106 lm/W                | 5,35 | ■      | PX4040793 |



Końcówka z PC  
End cap made of PC



Klosz OPAL IN  
Indirect OPAL diffuser



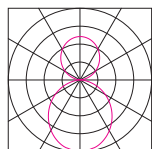
Rozsył światła po zamontowaniu na ścianie  
Light distribution

## AKCESORIA ACCESSORIES

Akcesoria na stronie: 49  
Accessories on page:

UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!

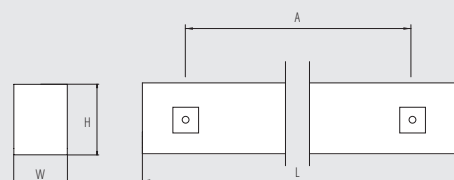
Do oprawy dostępne są modele BIM  
BIM files are available for this product

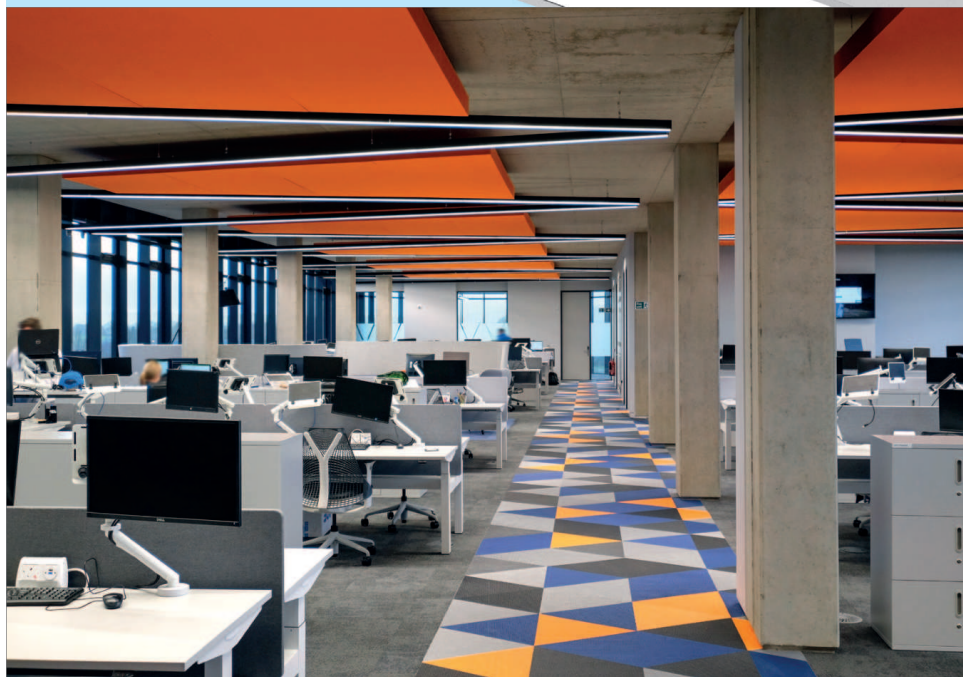
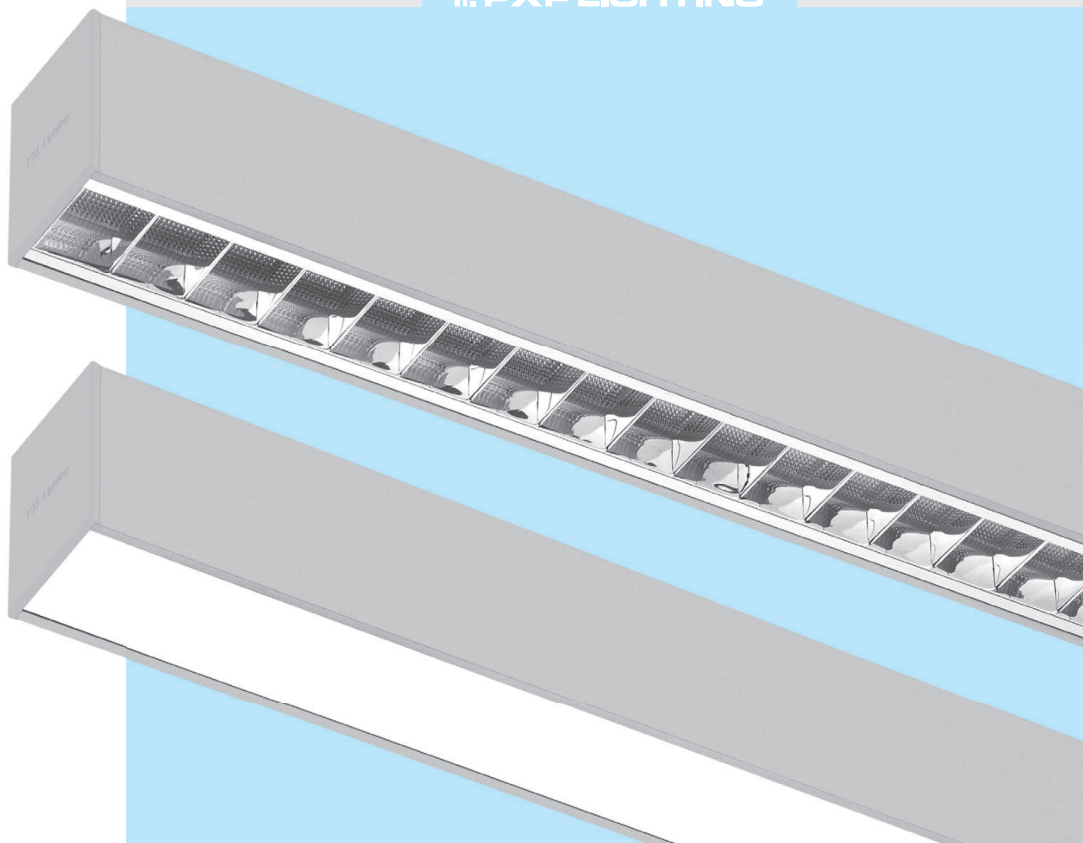


SIGMA II KINKIET DI-IN LED

## WYMIARY DIMENSIONS

| INFO | L    | W    | H    | A    |
|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] |
| 21 W | 545  | 60   | 75   | 425  |
| 39 W | 1085 | 60   | 75   | 850  |
| 58 W | 1625 | 60   | 75   | 1275 |
| 77 W | 2170 | 60   | 75   | 1700 |





## SIGMA II LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), raster paraboliczne z płytą mikropryzmatyczną (PAR), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA. Wersja DI-IN: klosz górny OPAL.

**Montaż:** zwieszany, nastropowy (tylko wersja DI)

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne), okablowanie przelotowe.

Tylko dla wersji DI: łącznik NT, maskownica (nieregulowalny rozstaw otworów montażowych). Elementy umożliwiające montaż linki zwieszakowej są dostępne w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), parabolic louver with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA. DI-IN version: top diffuser - OPAL.

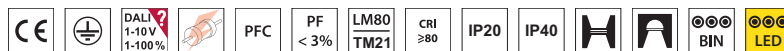
**Installation:** suspended, surface mounted (only DI versions)

**Accessories:** end caps, invisible linear joint, suspension (simple, electric), through wiring.

Only for DI version: masking cover and NT joint. Joints for suspended installation are included in the set with the luminaire.

**Power supply:** 220 V - 240 V

## SIGMA II LED



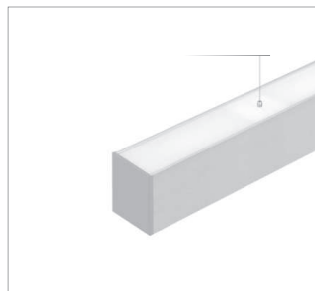
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



SIGMA II LED OPAL



SIGMA II LED PAR



SIGMA II DI-IN LED

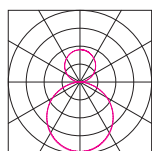
SIGMA II LED  
DI

IP20

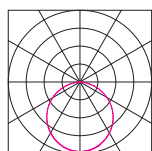
SIGMA II LED  
DI-IN

IP40

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 13 W  | LED 3000 K | 1120 lm                      | 86 lm/W                 | 1,3  | OPAL | ■      | PX4040501 |
| 13 W  | LED 4000 K | 1130 lm                      | 86 lm/W                 | 1,3  | OPAL | ■      | PX4040508 |
| 25 W  | LED 3000 K | 2330 lm                      | 93 lm/W                 | 2,3  | OPAL | ■      | PX4040515 |
| 25 W  | LED 4000 K | 2380 lm                      | 95 lm/W                 | 2,3  | OPAL | ■      | PX4040522 |
| 36 W  | LED 3000 K | 3610 lm                      | 100 lm/W                | 3,2  | OPAL | ■      | PX4040529 |
| 36 W  | LED 4000 K | 3680 lm                      | 102 lm/W                | 3,2  | OPAL | ■      | PX4040536 |
| 48 W  | LED 3000 K | 4850 lm                      | 101 lm/W                | 4,5  | OPAL | ■      | PX4040543 |
| 48 W  | LED 4000 K | 4950 lm                      | 103 lm/W                | 4,5  | OPAL | ■      | PX4040550 |
| 13 W  | LED 3000 K | 1210 lm                      | 93 lm/W                 | 1,3  | MPRM | ■      | PX4040557 |
| 13 W  | LED 4000 K | 1230 lm                      | 94 lm/W                 | 1,3  | MPRM | ■      | PX4040564 |
| 25 W  | LED 3000 K | 2510 lm                      | 100 lm/W                | 2,3  | MPRM | ■      | PX4040571 |
| 25 W  | LED 4000 K | 2560 lm                      | 102 lm/W                | 2,3  | MPRM | ■      | PX4040578 |
| 36 W  | LED 3000 K | 3860 lm                      | 107 lm/W                | 3,2  | MPRM | ■      | PX4040585 |
| 36 W  | LED 4000 K | 3940 lm                      | 109 lm/W                | 3,2  | MPRM | ■      | PX4040592 |
| 48 W  | LED 3000 K | 5200 lm                      | 108 lm/W                | 4,5  | MPRM | ■      | PX4040599 |
| 48 W  | LED 4000 K | 5320 lm                      | 110 lm/W                | 4,5  | MPRM | ■      | PX4040606 |
| 14 W  | LED 3000 K | 1630 lm                      | 116 lm/W                | 1,4  | PAR  | ■      | PX4040613 |
| 14 W  | LED 4000 K | 1660 lm                      | 118 lm/W                | 1,4  | PAR  | ■      | PX4040620 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 2,5  | PAR  | ■      | PX4040627 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 2,5  | PAR  | ■      | PX4040634 |
| 40 W  | LED 3000 K | 4880 lm                      | 122 lm/W                | 3,4  | PAR  | ■      | PX4040636 |
| 40 W  | LED 4000 K | 4980 lm                      | 124 lm/W                | 3,4  | PAR  | ■      | PX4040638 |
| 51 W  | LED 3000 K | 6500 lm                      | 127 lm/W                | 4,8  | PAR  | ■      | PX4040641 |
| 51 W  | LED 4000 K | 6640 lm                      | 130 lm/W                | 4,8  | PAR  | ■      | PX4040648 |
| 39 W  | LED 3000 K | 3920 lm                      | 100 lm/W                | 2,65 | OPAL | ■      | PX4040655 |
| 39 W  | LED 4000 K | 4000 lm                      | 102 lm/W                | 2,65 | OPAL | ■      | PX4040662 |
| 58 W  | LED 3000 K | 5990 lm                      | 103 lm/W                | 3,7  | OPAL | ■      | PX4040669 |
| 58 W  | LED 4000 K | 6110 lm                      | 105 lm/W                | 3,7  | OPAL | ■      | PX4040676 |
| 77 W  | LED 3000 K | 8030 lm                      | 104 lm/W                | 5,35 | OPAL | ■      | PX4040683 |
| 77 W  | LED 4000 K | 8190 lm                      | 106 lm/W                | 5,35 | OPAL | ■      | PX4040690 |
| 39 W  | LED 3000 K | 4100 lm                      | 105 lm/W                | 2,65 | MPRM | ■      | PX4040697 |
| 39 W  | LED 4000 K | 4180 lm                      | 107 lm/W                | 2,65 | MPRM | ■      | PX4040704 |
| 58 W  | LED 3000 K | 6240 lm                      | 107 lm/W                | 3,7  | MPRM | ■      | PX4040711 |
| 58 W  | LED 4000 K | 6370 lm                      | 109 lm/W                | 3,7  | MPRM | ■      | PX4040718 |
| 77 W  | LED 3000 K | 8380 lm                      | 108 lm/W                | 5,35 | MPRM | ■      | PX4040725 |
| 77 W  | LED 4000 K | 8560 lm                      | 111 lm/W                | 5,35 | MPRM | ■      | PX4040732 |
| 37 W  | LED 3000 K | 4840 lm                      | 130 lm/W                | 2,85 | PAR  | ■      | PX4040739 |
| 37 W  | LED 4000 K | 4940 lm                      | 133 lm/W                | 2,85 | PAR  | ■      | PX4040746 |
| 59 W  | LED 3000 K | 7260 lm                      | 123 lm/W                | 3,90 | PAR  | ■      | PX4040748 |
| 59 W  | LED 4000 K | 7410 lm                      | 125 lm/W                | 3,90 | PAR  | ■      | PX4040750 |
| 73 W  | LED 3000 K | 9680 lm                      | 132 lm/W                | 5,65 | PAR  | ■      | PX4040753 |
| 73 W  | LED 4000 K | 9880 lm                      | 135 lm/W                | 5,65 | PAR  | ■      | PX4040760 |



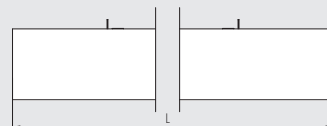
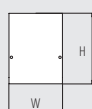
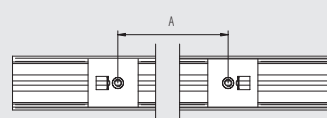
SIGMA II DI-IN LED



SIGMA II LED

AKCESORIA  
ACCESSORIESAkcesoria na stronie: ➡ 49  
Accessories on page:UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!BIM Do oprawy dostępne są modele BIM  
BIM files are available for this productWYMIARY  
DIMENSIONS

| INFO | L    | W    | H    | A    |
|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] |
| 13 W | 545  | 57   | 75   | -    |
| 25 W | 1085 | 57   | 75   | -    |
| 36 W | 1625 | 57   | 75   | -    |
| 48 W | 2170 | 57   | 75   | -    |
| 14 W | 545  | 57   | 75   | -    |
| 27 W | 1085 | 57   | 75   | -    |
| 40 W | 1625 | 57   | 75   | -    |
| 51 W | 2170 | 57   | 75   | -    |
| 39 W | 1085 | 57   | 75   | 724  |
| 58 W | 1625 | 57   | 75   | 1084 |
| 77 W | 2170 | 57   | 75   | 1448 |
| 37 W | 1085 | 57   | 75   | 724  |
| 40 W | 1625 | 57   | 75   | 1084 |
| 73 W | 2170 | 57   | 75   | 1448 |

Zwieszana wersja DI - płynna regulacja rozstawu mocowań  
Suspended DI version - smooth adjustment of fasteners spacing



## SIGMA II LED PREMIUM

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), raster paraboliczne z płytą mikropryzmatyczną (PAR), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA. Wersja DI-IN: klosz górny OPAL.

**Montaż:** zwieszany, nastropowy (tylko wersja DI)

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne), okablowanie przelotowe.

Tylko dla wersji DI: łącznik NT, maskownica (nieregulowalny rozstaw otworów montażowych). Elementy umożliwiające montaż linki zwieszakowej są dostępne w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), parabolic louver with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA. DI-IN version: top diffuser - OPAL.

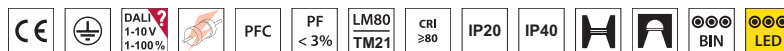
**Installation:** suspended, surface mounted (only DI versions)

**Accessories:** end caps, invisible linear joint, suspension (simple, electric), through wiring.

Only for DI version: masking cover and NT joint. Joints for suspended installation are included in the set with the luminaire.

**Power supply:** 220 V - 240 V

## SIGMA II LED PREMIUM



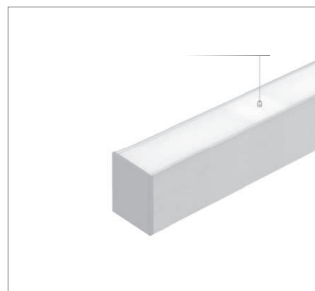
L90 B10 &gt;54 000h • SDCM 3 • LLMF 92% • CRI 84



SIGMA II LED PREMIUM OPAL



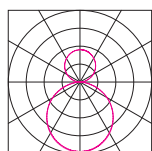
SIGMA II LED PREMIUM PAR



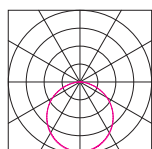
SIGMA II DI-IN LED

SIGMA II LED  
DISIGMA II LED  
DI-IN

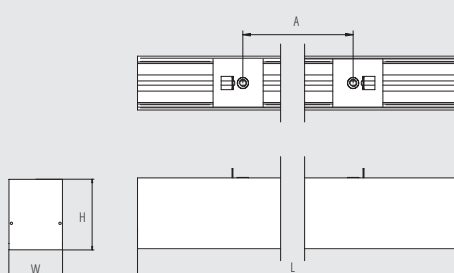
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 10 W  | LED 3000 K | 1100 lm                      | 110 lm/W                | 1,3  | OPAL | ■      | PX4043001 |
| 10 W  | LED 4000 K | 1130 lm                      | 113 lm/W                | 1,3  | OPAL | ■      | PX4043008 |
| 19 W  | LED 3000 K | 2200 lm                      | 116 lm/W                | 2,3  | OPAL | ■      | PX4043015 |
| 19 W  | LED 4000 K | 2270 lm                      | 119 lm/W                | 2,3  | OPAL | ■      | PX4043022 |
| 28 W  | LED 3000 K | 3300 lm                      | 118 lm/W                | 3,2  | OPAL | ■      | PX4043029 |
| 28 W  | LED 4000 K | 3400 lm                      | 121 lm/W                | 3,2  | OPAL | ■      | PX4043036 |
| 38 W  | LED 3000 K | 4400 lm                      | 116 lm/W                | 4,5  | OPAL | ■      | PX4043043 |
| 38 W  | LED 4000 K | 4540 lm                      | 119 lm/W                | 4,5  | OPAL | ■      | PX4043050 |
| 10 W  | LED 3000 K | 1190 lm                      | 119 lm/W                | 1,3  | MPRM | ■      | PX4043057 |
| 10 W  | LED 4000 K | 1230 lm                      | 123 lm/W                | 1,3  | MPRM | ■      | PX4043064 |
| 19 W  | LED 3000 K | 2390 lm                      | 126 lm/W                | 2,3  | MPRM | ■      | PX4043071 |
| 19 W  | LED 4000 K | 2460 lm                      | 129 lm/W                | 2,3  | MPRM | ■      | PX4043078 |
| 28 W  | LED 3000 K | 3580 lm                      | 128 lm/W                | 3,2  | MPRM | ■      | PX4043085 |
| 28 W  | LED 4000 K | 3690 lm                      | 132 lm/W                | 3,2  | MPRM | ■      | PX4043092 |
| 38 W  | LED 3000 K | 4770 lm                      | 126 lm/W                | 4,5  | MPRM | ■      | PX4043099 |
| 38 W  | LED 4000 K | 4920 lm                      | 129 lm/W                | 4,5  | MPRM | ■      | PX4043106 |
| 12 W  | LED 3000 K | 1560 lm                      | 130 lm/W                | 1,4  | PAR  | ■      | PX4043113 |
| 12 W  | LED 4000 K | 1600 lm                      | 133 lm/W                | 1,4  | PAR  | ■      | PX4043120 |
| 22 W  | LED 3000 K | 3110 lm                      | 141 lm/W                | 2,5  | PAR  | ■      | PX4043127 |
| 22 W  | LED 4000 K | 3210 lm                      | 146 lm/W                | 2,5  | PAR  | ■      | PX4043134 |
| 32 W  | LED 3000 K | 4670 lm                      | 146 lm/W                | 3,4  | PAR  | ■      | PX4043141 |
| 32 W  | LED 4000 K | 4810 lm                      | 150 lm/W                | 3,4  | PAR  | ■      | PX4043148 |
| 42 W  | LED 3000 K | 6220 lm                      | 148 lm/W                | 4,8  | PAR  | ■      | PX4043155 |
| 42 W  | LED 4000 K | 6410 lm                      | 153 lm/W                | 4,8  | PAR  | ■      | PX4043162 |
| 33 W  | LED 3000 K | 4070 lm                      | 123 lm/W                | 2,65 | OPAL | ■      | PX4043169 |
| 33 W  | LED 4000 K | 4200 lm                      | 127 lm/W                | 2,65 | OPAL | ■      | PX4043176 |
| 41 W  | LED 3000 K | 5120 lm                      | 125 lm/W                | 3,7  | OPAL | ■      | PX4043183 |
| 41 W  | LED 4000 K | 5270 lm                      | 129 lm/W                | 3,7  | OPAL | ■      | PX4043190 |
| 56 W  | LED 3000 K | 7100 lm                      | 127 lm/W                | 5,35 | OPAL | ■      | PX4043197 |
| 56 W  | LED 4000 K | 7320 lm                      | 131 lm/W                | 5,35 | OPAL | ■      | PX4043204 |
| 33 W  | LED 3000 K | 4260 lm                      | 129 lm/W                | 2,65 | MPRM | ■      | PX4043211 |
| 33 W  | LED 4000 K | 4390 lm                      | 133 lm/W                | 2,65 | MPRM | ■      | PX4043218 |
| 41 W  | LED 3000 K | 5400 lm                      | 132 lm/W                | 3,7  | MPRM | ■      | PX4043225 |
| 41 W  | LED 4000 K | 5560 lm                      | 136 lm/W                | 3,7  | MPRM | ■      | PX4043232 |
| 56 W  | LED 3000 K | 7470 lm                      | 133 lm/W                | 5,35 | MPRM | ■      | PX4043239 |
| 56 W  | LED 4000 K | 7700 lm                      | 138 lm/W                | 5,35 | MPRM | ■      | PX4043246 |
| 34 W  | LED 3000 K | 5070 lm                      | 149 lm/W                | 2,85 | PAR  | ■      | PX4043253 |
| 34 W  | LED 4000 K | 5190 lm                      | 153 lm/W                | 2,85 | PAR  | ■      | PX4043260 |
| 48 W  | LED 3000 K | 7270 lm                      | 151 lm/W                | 3,90 | PAR  | ■      | PX4043267 |
| 48 W  | LED 4000 K | 7460 lm                      | 155 lm/W                | 3,90 | PAR  | ■      | PX4043274 |
| 65 W  | LED 3000 K | 10000 lm                     | 154 lm/W                | 5,65 | PAR  | ■      | PX4043281 |
| 65 W  | LED 4000 K | 10250 lm                     | 158 lm/W                | 5,65 | PAR  | ■      | PX4043288 |

AKCESORIA  
ACCESSORIESAkcesoria na stronie: 49  
Accessories on page:

SIGMA II DI-IN LED PREMIUM



SIGMA II LED PREMIUM

UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!Zwieszana wersja DI - płynna regulacja rozstawu mocowań  
Suspended DI version - smooth adjustment of fasteners spacingWYMIARY  
DIMENSIONS

| INFO | L    | W    | H    | A    |
|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] |
| 10 W | 545  | 57   | 75   | -    |
| 19 W | 1085 | 57   | 75   | -    |
| 28 W | 1625 | 57   | 75   | -    |
| 38 W | 2170 | 57   | 75   | -    |
| 12 W | 545  | 57   | 75   | -    |
| 22 W | 1085 | 57   | 75   | -    |
| 32 W | 1625 | 57   | 75   | -    |
| 42 W | 2170 | 57   | 75   | -    |
| 33 W | 1085 | 57   | 75   | 724  |
| 41 W | 1625 | 57   | 75   | 1084 |
| 56 W | 2170 | 57   | 75   | 1448 |
| 34 W | 1085 | 57   | 75   | 724  |
| 48 W | 1625 | 57   | 75   | 1084 |
| 65 W | 2170 | 57   | 75   | 1448 |





## SIGMA II LED TW

### TUNABLE WHITE

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), raster paraboliczne z płytą mikropryzmatyczną (PAR), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA. Wersja DI-IN: klosz górny OPAL.

**Montaż:** zwieszany, nastropowy (tylko wersja DI)

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne), okablowanie przelotowe.

Tylko dla wersji DI: łącznik NT, maskownica (nieregulowalny rozstaw otworów montażowych). Elementy umożliwiające montaż linki zwieszakowej są dostępne w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), parabolic louver with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA. DI-IN version: top diffuser - OPAL.

**Installation:** suspended, surface mounted (only DI versions)

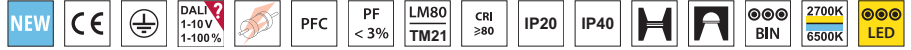
**Accessories:** end caps, invisible linear joint, suspension (simple, electric), through wiring.

Only for DI version: masking cover and NT joint. Joints for suspended installation are included in the set with the luminaire.

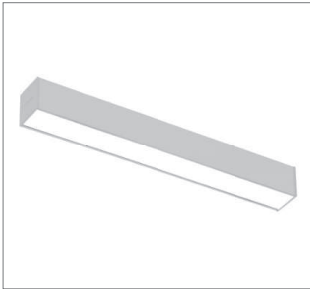
**Power supply:** 220 V - 240 V

# TUNABLE WHITE SIGMA II LED TW

NOWOŚĆ



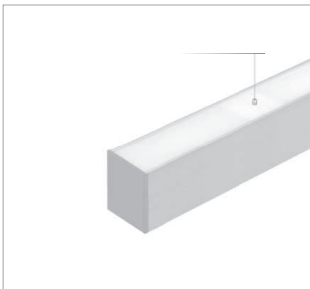
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



SIGMA II LED OPAL



SIGMA II LED PAR



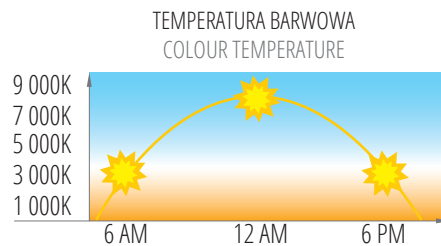
SIGMA II DI-IN LED

|                                                       | MOC   | ŹRÓDŁO          | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------------------------------------------------------|-------|-----------------|------------------------------|-------------------------|------|------|--------|-----------|
|                                                       | POWER | LAMP            | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| SIGMA II LED<br>DI<br>TUNABLE WHITE<br><b>IP20</b>    | 30 W  | LED 2700-6500 K | 3010 lm                      | 100 lm/W                | 2,3  | OPAL |        | PX4043351 |
|                                                       | 45 W  | LED 2700-6500 K | 4660 lm                      | 104 lm/W                | 3,2  | OPAL |        | PX4043358 |
|                                                       | 30 W  | LED 2700-6500 K | 3250 lm                      | 108 lm/W                | 2,3  | MPRM |        | PX4043365 |
|                                                       | 45 W  | LED 2700-6500 K | 4990 lm                      | 111 lm/W                | 3,2  | MPRM |        | PX4043372 |
|                                                       | 19 W  | LED 2700-6500 K | 2330 lm                      | 123 lm/W                | 2,5  | PAR  |        | PX4043379 |
|                                                       | 28 W  | LED 2700-6500 K | 3490 lm                      | 125 lm/W                | 3,4  | PAR  |        | PX4043386 |
| SIGMA II LED<br>DI-IN<br>TUNABLE WHITE<br><b>IP40</b> | 37 W  | LED 2700-6500 K | 4650 lm                      | 126 lm/W                | 4,8  | PAR  |        | PX4043393 |
|                                                       | 45 W  | LED 2700-6500 K | 4630 lm                      | 103 lm/W                | 2,65 | OPAL |        | PX4043400 |
|                                                       | 67 W  | LED 2700-6500 K | 7090 lm                      | 106 lm/W                | 3,7  | OPAL |        | PX4043407 |
|                                                       | 45 W  | LED 2700-6500 K | 4870 lm                      | 108 lm/W                | 2,65 | MPRM |        | PX4043414 |
|                                                       | 67 W  | LED 2700-6500 K | 7420 lm                      | 111 lm/W                | 3,7  | MPRM |        | PX4043421 |
|                                                       | 33 W  | LED 2700-6500 K | 3950 lm                      | 120 lm/W                | 2,85 | PAR  |        | PX4043428 |
|                                                       | 48 W  | LED 2700-6500 K | 5920 lm                      | 123 lm/W                | 3,9  | PAR  |        | PX4043435 |
|                                                       | 66 W  | LED 2700-6500 K | 7890 lm                      | 120 lm/W                | 5,65 | PAR  |        | PX4043442 |

## REGULACJA TUNABLE WHITE ADJUSTMENT

+ / - ^ v

|        |  |
|--------|--|
| 6 500K |  |
| 6 000K |  |
| 5 000K |  |
| 4 000K |  |
| 3 500K |  |
| 3 000K |  |
| 2 700K |  |



## AKCESORIA ACCESSORIES

Akcesoria na stronie: 49  
Accessories on page:

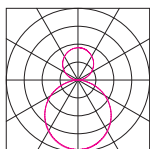
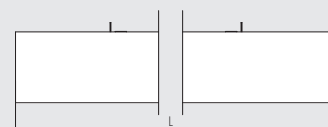
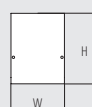
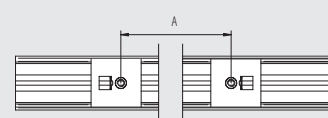
UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

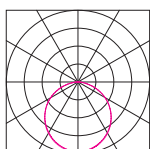
## WYMIARY DIMENSIONS

|       | INFO | L    | W    | H    | A    |
|-------|------|------|------|------|------|
|       | INFO | [mm] | [mm] | [mm] | [mm] |
| DI    | 30 W | 1085 | 57   | 75   | -    |
|       | 45 W | 1625 | 57   | 75   | -    |
|       | 19 W | 1085 | 57   | 75   | -    |
|       | 28 W | 1625 | 57   | 75   | -    |
|       | 37 W | 2170 | 57   | 75   | -    |
|       | 45 W | 1085 | 57   | 75   | 724  |
| DI-IN | 67 W | 1625 | 57   | 75   | 1084 |
|       | 33 W | 1085 | 57   | 75   | 1448 |
|       | 48 W | 1625 | 57   | 75   | 724  |
|       | 66 W | 2170 | 57   | 75   | 1084 |

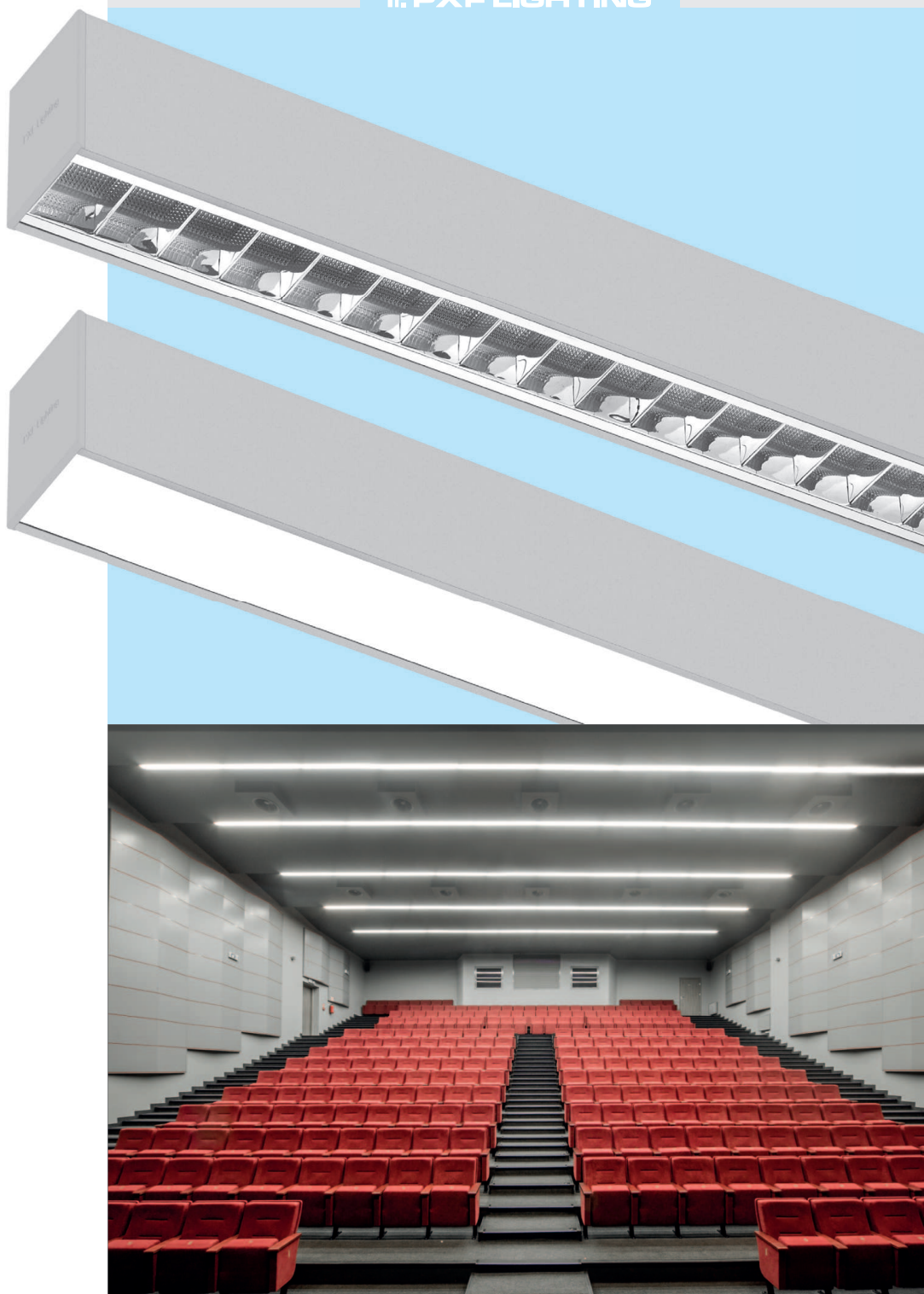
Zwieszana wersja DI - płynna regulacja rozstawu mocowań  
Suspended DI version - smooth adjustment of fasteners spacing



SIGMA II DI-IN LED



SIGMA II LED



## SIGMA II LITE LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), raster paraboliczne z płytą mikropryzmatyczną (PAR), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA. Wersja DI-IN: klosz górny OPAL.

**Montaż:** zwieszany, nastropowy (tylko wersja DI)

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne), okablowanie przelotowe.

Tylko dla wersji DI: łącznik NT, maskownica (nieregulowalny rozstaw otworów montażowych). Elementy umożliwiające montaż linki zwieszakowej są dostępne w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), parabolic louver with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA. DI-IN version: top diffuser - OPAL.

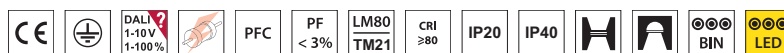
**Installation:** suspended, surface mounted (only DI versions)

**Accessories:** end caps, invisible linear joint, suspension (simple, electric), through wiring.

Only for DI version: masking cover and NT joint. Joints for suspended installation are included in the set with the luminaire.

**Power supply:** 220 V - 240 V

## SIGMA II LITE LED



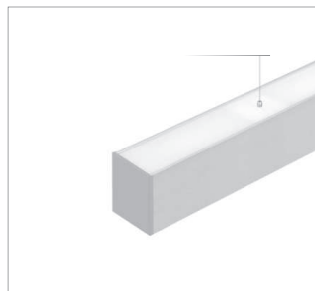
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



SIGMA II LED LITE OPAL



SIGMA II LED LITE PAR



SIGMA II LITE DI-IN LED

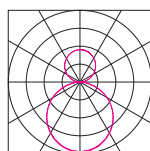
SIGMA II LITE LED  
DI

IP20

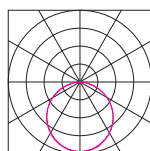
SIGMA II LITE LED  
DI-IN

IP40

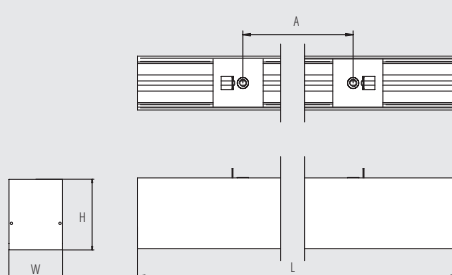
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 8 W   | LED 3000 K | 640 lm                       | 80 lm/W                 | 1,3  | OPAL | ■      | PX4042242 |
| 8 W   | LED 4000 K | 660 lm                       | 83 lm/W                 | 1,3  | OPAL | ■      | PX4042248 |
| 14 W  | LED 3000 K | 1290 lm                      | 92 lm/W                 | 2,3  | OPAL | ■      | PX4042254 |
| 14 W  | LED 4000 K | 1320 lm                      | 94 lm/W                 | 2,3  | OPAL | ■      | PX4042260 |
| 21 W  | LED 3000 K | 1910 lm                      | 91 lm/W                 | 3,2  | OPAL | ■      | PX4042266 |
| 21 W  | LED 4000 K | 1950 lm                      | 93 lm/W                 | 3,2  | OPAL | ■      | PX4042272 |
| 28 W  | LED 3000 K | 2520 lm                      | 90 lm/W                 | 4,5  | OPAL | ■      | PX4042278 |
| 28 W  | LED 4000 K | 2580 lm                      | 92 lm/W                 | 4,5  | OPAL | ■      | PX4042284 |
| 8 W   | LED 3000 K | 670 lm                       | 84 lm/W                 | 1,3  | MPRM | ■      | PX4042290 |
| 8 W   | LED 4000 K | 680 lm                       | 85 lm/W                 | 1,3  | MPRM | ■      | PX4042296 |
| 14 W  | LED 3000 K | 1380 lm                      | 99 lm/W                 | 2,3  | MPRM | ■      | PX4042302 |
| 14 W  | LED 4000 K | 1410 lm                      | 101 lm/W                | 2,3  | MPRM | ■      | PX4042308 |
| 21 W  | LED 3000 K | 2120 lm                      | 101 lm/W                | 3,2  | MPRM | ■      | PX4042314 |
| 21 W  | LED 4000 K | 2170 lm                      | 103 lm/W                | 3,2  | MPRM | ■      | PX4042320 |
| 28 W  | LED 3000 K | 2860 lm                      | 102 lm/W                | 4,5  | MPRM | ■      | PX4042326 |
| 28 W  | LED 4000 K | 2930 lm                      | 105 lm/W                | 4,5  | MPRM | ■      | PX4042332 |
| 14 W  | LED 3000 K | 1630 lm                      | 116 lm/W                | 2,5  | PAR  | ■      | PX4042338 |
| 14 W  | LED 4000 K | 1660 lm                      | 119 lm/W                | 2,5  | PAR  | ■      | PX4042344 |
| 21 W  | LED 3000 K | 2440 lm                      | 116 lm/W                | 3,4  | PAR  | ■      | PX4042350 |
| 21 W  | LED 4000 K | 2490 lm                      | 119 lm/W                | 3,4  | PAR  | ■      | PX4042356 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 4,8  | PAR  | ■      | PX4042362 |
| 27 W  | LED 4000 K | 3320 lm                      | 123 lm/W                | 4,8  | PAR  | ■      | PX4042368 |
| 21 W  | LED 3000 K | 2090 lm                      | 100 lm/W                | 2,65 | OPAL | ■      | PX4042374 |
| 21 W  | LED 4000 K | 2130 lm                      | 101 lm/W                | 2,65 | OPAL | ■      | PX4042380 |
| 31 W  | LED 3000 K | 3100 lm                      | 100 lm/W                | 3,7  | OPAL | ■      | PX4042386 |
| 31 W  | LED 4000 K | 3170 lm                      | 102 lm/W                | 3,7  | OPAL | ■      | PX4042392 |
| 40 W  | LED 3000 K | 4110 lm                      | 103 lm/W                | 5,35 | OPAL | ■      | PX4042398 |
| 40 W  | LED 4000 K | 4200 lm                      | 105 lm/W                | 5,35 | OPAL | ■      | PX4042404 |
| 21 W  | LED 3000 K | 2180 lm                      | 104 lm/W                | 2,65 | MPRM | ■      | PX4042410 |
| 21 W  | LED 4000 K | 2220 lm                      | 106 lm/W                | 2,65 | MPRM | ■      | PX4042416 |
| 31 W  | LED 3000 K | 3310 lm                      | 107 lm/W                | 3,7  | MPRM | ■      | PX4042422 |
| 31 W  | LED 4000 K | 3390 lm                      | 109 lm/W                | 3,7  | MPRM | ■      | PX4042428 |
| 40 W  | LED 3000 K | 4450 lm                      | 111 lm/W                | 5,35 | MPRM | ■      | PX4042434 |
| 40 W  | LED 4000 K | 4550 lm                      | 114 lm/W                | 5,35 | MPRM | ■      | PX4042440 |
| 21 W  | LED 3000 K | 2430 lm                      | 116 lm/W                | 2,85 | PAR  | ■      | PX4042446 |
| 21 W  | LED 4000 K | 2470 lm                      | 118 lm/W                | 2,85 | PAR  | ■      | PX4042452 |
| 31 W  | LED 3000 K | 3630 lm                      | 117 lm/W                | 3,90 | PAR  | ■      | PX4042458 |
| 31 W  | LED 4000 K | 3710 lm                      | 120 lm/W                | 3,90 | PAR  | ■      | PX4042464 |
| 41 W  | LED 3000 K | 4840 lm                      | 118 lm/W                | 5,65 | PAR  | ■      | PX4042470 |
| 41 W  | LED 4000 K | 4940 lm                      | 120 lm/W                | 5,65 | PAR  | ■      | PX4042476 |

AKCESORIA  
ACCESSORIESAkcesoria na stronie: 49  
Accessories on page:

SIGMA II DI-IN LITE LED



SIGMA II LITE LED

UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!Zwieszana wersja DI - płynna regulacja rozstawu mocowań  
Suspended DI version - smooth adjustment of fasteners spacingWYMIARY  
DIMENSIONS

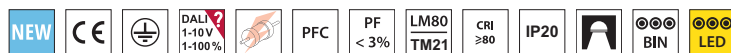
| INFO | L    | W    | H    | A    |
|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] |
| 8 W  | 545  | 57   | 75   | -    |
| 14 W | 1085 | 57   | 75   | -    |
| 21 W | 1625 | 57   | 75   | -    |
| 28 W | 2170 | 57   | 75   | -    |
| 14 W | 1085 | 57   | 75   | -    |
| 21 W | 1625 | 57   | 75   | -    |
| 27 W | 2170 | 57   | 75   | -    |
| 21 W | 1085 | 57   | 75   | 724  |
| 31 W | 1625 | 57   | 75   | 1084 |
| 40 W | 2170 | 57   | 75   | 1448 |
| 41 W | 2170 | 57   | 75   | 1448 |



# SIGMA II TRIMLESS CORNER LED

## SIGMA II G/K TRIMLESS CORNER LED

NOWOŚĆ



L90 B10 &gt;54 000h • SDCM 3 • LLMF 90% • CRI 84

| MOC   | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | INFO | KOLOR  | KOD       |
|-------|--------|------------------------------|-------------------------|----------|------|--------|-----------|
| POWER | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | INFO | COLOUR | CODE      |
| NT    | 25 W   | LED 3000 K                   | 2560 lm                 | 102 lm/W | 2,7  | OPAL   | PX4041171 |
|       | 25 W   | LED 4000 K                   | 2600 lm                 | 104 lm/W | 2,7  | OPAL   | PX4041172 |
| G/K   | 25 W   | LED 3000 K                   | 2560 lm                 | 102 lm/W | 2,7  | OPAL   | PX4041252 |
|       | 25 W   | LED 4000 K                   | 2600 lm                 | 104 lm/W | 2,7  | OPAL   | PX4041254 |

Do zawieszenia oprawy NT Corner potrzebne są: zawieszenie zwykłe - 2 szt., zawieszenie elektryczne - 1 szt.  
To suspend the Corner luminaire you will need: simple suspension - 2 pcs., electrical suspension - 1 pcs.

UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION: Standard version without through wiring!

## SIGMA II TRIMLESS CORNER LED

**Wykonanie:** profil aluminiowy bezramkowy malowany elektrostatycznie (w standardzie kolor szary), klosz OPAL z PMMA.

**Montaż:** zwieszany, nastropowy

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe i elektryczne). Maskownica górna oraz elementy umożliwiające montaż linki zwieszakowej w komplecie z oprawą.

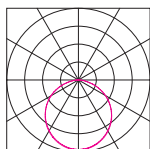
**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted trimless aluminum profile (standard colour: grey), OPAL diffuser made of PMMA

**Installation:** suspended, surface mounted

**Accessories:** end caps, invisible linear joint, suspension (simple, electric). Masking cover and joints for suspended installation are included in the set with the luminaire.

**Power supply:** 220 V - 240 V



SIGMA II LED TRIMLESS

AKCESORIA  
ACCESSORIES

Końcówka  
End cap

Łącznik liniowy niewidoczny  
Invisible linear joint

Zawieszenie zwykłe  
Simple suspension

Zawieszenie elektryczne  
Electric suspension

Okablowanie przelotowe  
Through wiring

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

|      |  |           |
|------|--|-----------|
| 0,01 |  | PX4040316 |
|------|--|-----------|

1 szt.  
1 pcs.

|      |  |           |
|------|--|-----------|
| 1,00 |  | PX4041259 |
|------|--|-----------|

Kpl - 2 szt. /połączenie  
Set - 2 pcs. / connection

|      |      |           |   |
|------|------|-----------|---|
| 0,10 | INOX | PX0922149 | * |
|------|------|-----------|---|

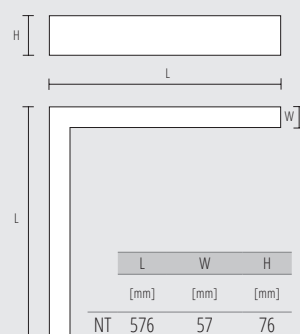
\* Standardowa długość zwieszki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

|      |  |           |   |
|------|--|-----------|---|
| 0,20 |  | PX0922077 | * |
| 0,20 |  | PX0922083 | * |
| 0,20 |  | PX0922090 | * |

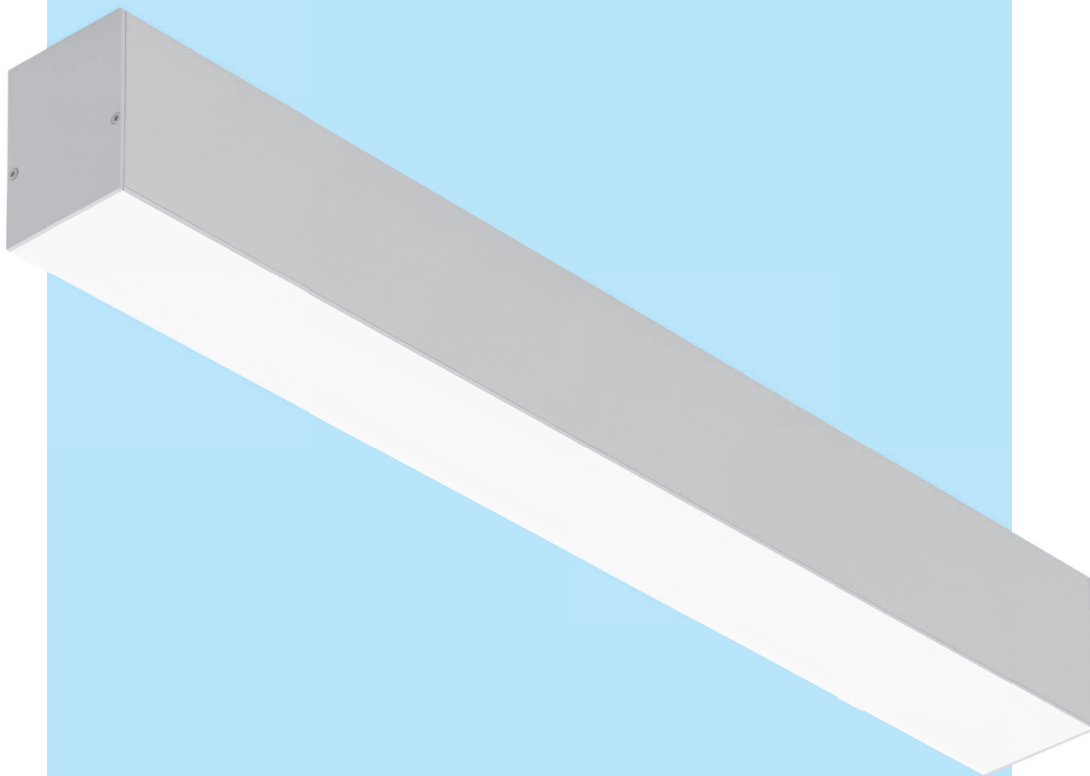
\* Standardowa długość zwieszki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

|      |  |           |           |
|------|--|-----------|-----------|
| 0,20 |  | PX4043508 | 5x L=1085 |
|------|--|-----------|-----------|

WYMIARY NT  
NT DIMENSIONS







## SIGMA II TRIMLESS LED

**Wykonanie:** profil aluminiowy bezramkowy malowany elektrostatycznie (w standardzie kolor szary), klosz OPAL z PMMA.

**Montaż:** zwieszany, nastropowy

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe i elektryczne), okablowanie przelotowe

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted trimless aluminum profile (standard colour: grey), OPAL diffuser made of PMMA

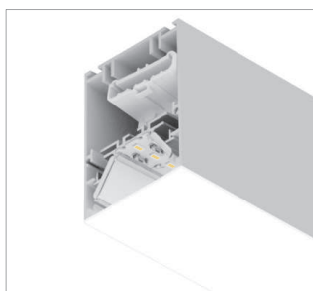
**Installation:** suspended, surface mounted

**Accessories:** end caps, invisible linear joint, suspension (simple, electric), through wiring

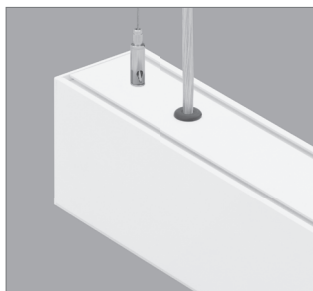
**Power supply:** 220 V - 240 V

## SIGMA II TRIMLESS LED

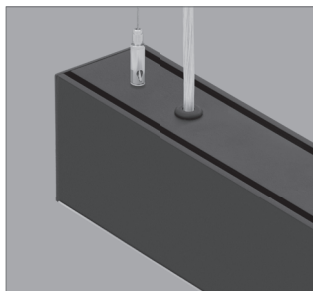
## NOWOŚĆ



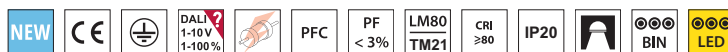
Bezramkowy profil z aluminium, odbłyśnik z aluminium, klosz OPAL  
Trimless aluminium profile, aluminium reflector, OPAL diffuser



Wersja biała - na zamówienie dowolny kolor z palety RAL  
White version - on request all colours in RAL palette available



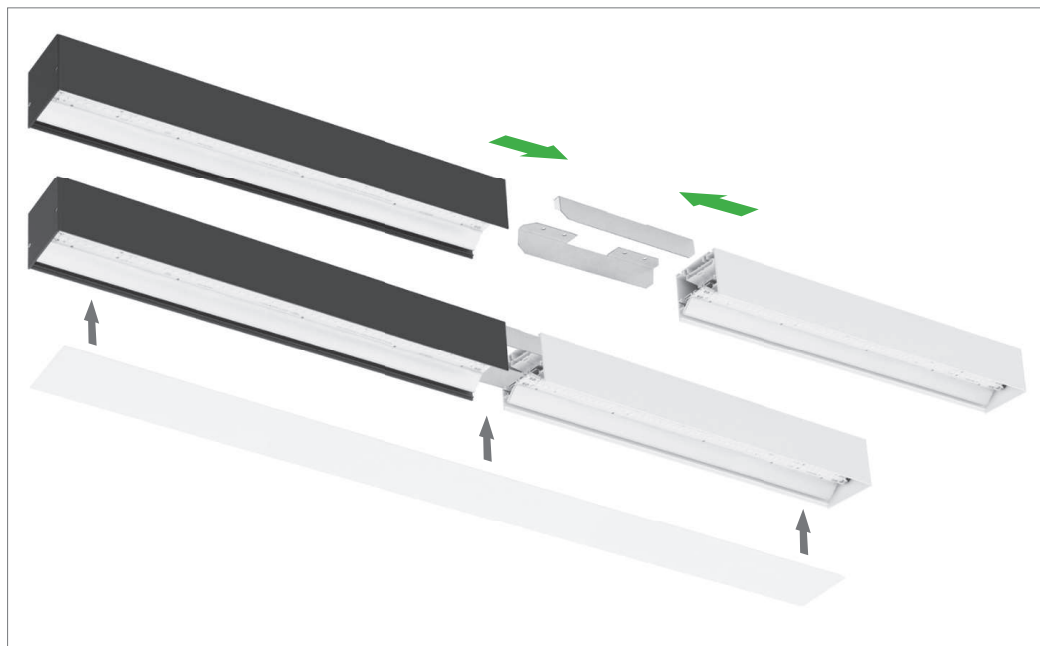
Wersja czarna - na zamówienie dowolny kolor z palety RAL  
Black version - on request all colours in RAL palette available



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 80

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 13 W  | LED 3000 K | 1280 lm                      | 98 lm/W                 | 1,8  | OPAL |        | PX4041164 |
| 13 W  | LED 4000 K | 1300 lm                      | 100 lm/W                | 1,8  | OPAL |        | PX4041169 |
| 25 W  | LED 3000 K | 2660 lm                      | 106 lm/W                | 2,7  | OPAL |        | PX4041174 |
| 25 W  | LED 4000 K | 2710 lm                      | 108 lm/W                | 2,7  | OPAL |        | PX4041179 |
| 36 W  | LED 3000 K | 4040 lm                      | 112 lm/W                | 3,7  | OPAL |        | PX4041184 |
| 36 W  | LED 4000 K | 4120 lm                      | 114 lm/W                | 3,7  | OPAL |        | PX4041189 |
| 48 W  | LED 3000 K | 5380 lm                      | 112 lm/W                | 4,9  | OPAL |        | PX4041194 |
| 48 W  | LED 4000 K | 5500 lm                      | 114 lm/W                | 4,9  | OPAL |        | PX4041199 |

UWAGA: W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!



Montaż linii świetlnej - wersje kolorystyczne na zamówienie  
Inline mounting - black and white versions on request

#### AKCESORIA ACCESSORIES

##### Końcówka End cap

| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,01 |        | PX4040316 |

1 szt.  
1 pcs.

##### Łącznik liniowy niewidoczny Invisible linear joint

| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 1,00 |        | PX4041259 |

Kpl - 2 szt. /połączenie  
Set - 2 pcs. / connection

##### Zawieszenie zwykłe Simple suspension

| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,10 | INOX   | PX0922149 |

\* Standardowa długość zwieszki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

##### Zawieszenie elektryczne Electric suspension

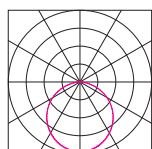
| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,20 |        | PX0922077 |
| 0,20 |        | PX0922083 |
| 0,20 |        | PX0922090 |

##### Okablowanie przelotowe Through wiring

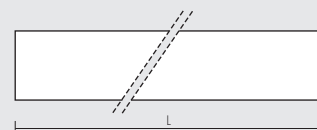
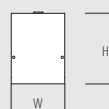
| [kg] | KOLOR  | KOD       | 5x L= |
|------|--------|-----------|-------|
| [kg] | COLOUR | CODE      | 5x L= |
| 0,12 |        | PX4043501 | 545   |
| 0,20 |        | PX4043508 | 1085  |
| 0,30 |        | PX4043515 | 1625  |
| 0,35 |        | PX4043522 | 2170  |

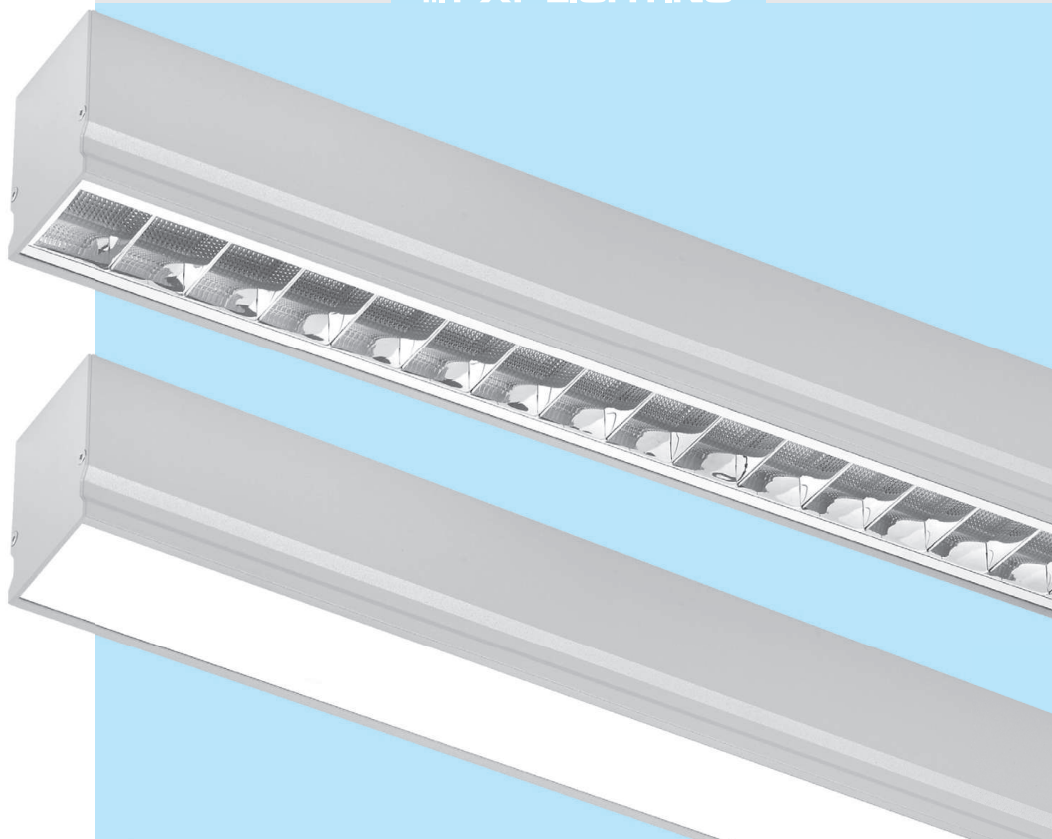
#### WYMIARY DIMENSIONS

| INFO | L    | W    | H    |
|------|------|------|------|
| INFO | [mm] | [mm] | [mm] |
| 13 W | 545  | 57   | 76   |
| 25 W | 1085 | 57   | 76   |
| 36 W | 1625 | 57   | 76   |
| 48 W | 2170 | 57   | 76   |



SIGMA II LED TRIMLESS





## SIGMA LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), raster paraboliczne z płytą mikropryzmatyczną (PAR), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA. Wersja DI-IN: klosz górny OPAL.

**Montaż:** zwieszany, nastropowy (tylko wersja DI)

**Akcesoria:** końcówki, łącznik liniowy niewidoczny, zawieszania (zwykłe, elektryczne), okablowanie przelotowe.

Tylko dla wersji DI: łącznik NT, maskownica (nieregulowalny rozstaw otworów montażowych). Elementy umożliwiające montaż linki zwieszakowej są dostępne w komplecie z oprawą.

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), parabolic louver with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA. DI-IN version: top diffuser - OPAL.

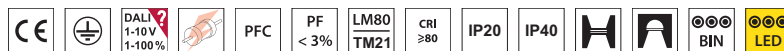
**Installation:** suspended, surface mounted (only DI versions)

**Accessories:** end caps, invisible linear joint, suspension (simple, electric), through wiring.

Only for DI version: masking cover and NT joint. Joints for suspended installation are included in the set with the luminaire.

**Power supply:** 220 V - 240 V

## SIGMA LED



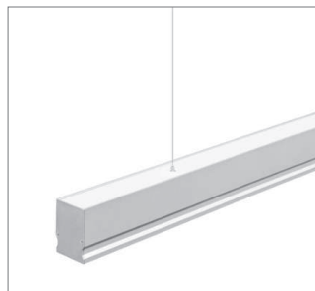
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



SIGMA LED PAR



SIGMA LED OPAL



SIGMA DI-IN LED

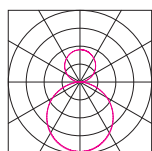
SIGMA LED  
DI

IP20

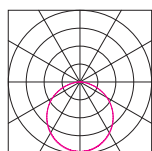
SIGMA LED  
DI-IN

IP40

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 13 W  | LED 3000 K | 1120 lm                      | 86 lm/W                 | 1,3  | OPAL | ■      | PX4040101 |
| 13 W  | LED 4000 K | 1130 lm                      | 86 lm/W                 | 1,3  | OPAL | ■      | PX4040108 |
| 25 W  | LED 3000 K | 2330 lm                      | 93 lm/W                 | 2,3  | OPAL | ■      | PX4040115 |
| 25 W  | LED 4000 K | 2380 lm                      | 95 lm/W                 | 2,3  | OPAL | ■      | PX4040122 |
| 36 W  | LED 3000 K | 3610 lm                      | 100 lm/W                | 3,2  | OPAL | ■      | PX4040129 |
| 36 W  | LED 4000 K | 3680 lm                      | 102 lm/W                | 3,2  | OPAL | ■      | PX4040136 |
| 48 W  | LED 3000 K | 4850 lm                      | 101 lm/W                | 4,5  | OPAL | ■      | PX4040143 |
| 48 W  | LED 4000 K | 4950 lm                      | 103 lm/W                | 4,5  | OPAL | ■      | PX4040150 |
| 13 W  | LED 3000 K | 1210 lm                      | 93 lm/W                 | 1,3  | MPRM | ■      | PX4040157 |
| 13 W  | LED 4000 K | 1230 lm                      | 94 lm/W                 | 1,3  | MPRM | ■      | PX4040164 |
| 25 W  | LED 3000 K | 2510 lm                      | 100 lm/W                | 2,3  | MPRM | ■      | PX4040171 |
| 25 W  | LED 4000 K | 2560 lm                      | 102 lm/W                | 2,3  | MPRM | ■      | PX4040178 |
| 36 W  | LED 3000 K | 3860 lm                      | 107 lm/W                | 3,2  | MPRM | ■      | PX4040185 |
| 36 W  | LED 4000 K | 3940 lm                      | 109 lm/W                | 3,2  | MPRM | ■      | PX4040192 |
| 48 W  | LED 3000 K | 5200 lm                      | 108 lm/W                | 4,5  | MPRM | ■      | PX4040199 |
| 48 W  | LED 4000 K | 5320 lm                      | 110 lm/W                | 4,5  | MPRM | ■      | PX4040206 |
| 14 W  | LED 3000 K | 1630 lm                      | 116 lm/W                | 1,4  | PAR  | ■      | PX4040213 |
| 14 W  | LED 4000 K | 1660 lm                      | 118 lm/W                | 1,4  | PAR  | ■      | PX4040220 |
| 27 W  | LED 3000 K | 3250 lm                      | 120 lm/W                | 2,5  | PAR  | ■      | PX4040227 |
| 27 W  | LED 4000 K | 3320 lm                      | 122 lm/W                | 2,5  | PAR  | ■      | PX4040234 |
| 40 W  | LED 3000 K | 4880 lm                      | 122 lm/W                | 3,4  | PAR  | ■      | PX4040241 |
| 40 W  | LED 4000 K | 4980 lm                      | 124 lm/W                | 3,4  | PAR  | ■      | PX4040248 |
| 51 W  | LED 3000 K | 6500 lm                      | 127 lm/W                | 4,8  | PAR  | ■      | PX4040255 |
| 51 W  | LED 4000 K | 6640 lm                      | 130 lm/W                | 4,8  | PAR  | ■      | PX4040262 |
| 39 W  | LED 3000 K | 3920 lm                      | 100 lm/W                | 2,65 | OPAL | ■      | PX4040401 |
| 39 W  | LED 4000 K | 4000 lm                      | 102 lm/W                | 2,65 | OPAL | ■      | PX4040408 |
| 58 W  | LED 3000 K | 5990 lm                      | 103 lm/W                | 3,7  | OPAL | ■      | PX4040415 |
| 58 W  | LED 4000 K | 6110 lm                      | 105 lm/W                | 3,7  | OPAL | ■      | PX4040422 |
| 77 W  | LED 3000 K | 8030 lm                      | 104 lm/W                | 5,35 | OPAL | ■      | PX4040429 |
| 77 W  | LED 4000 K | 8190 lm                      | 106 lm/W                | 5,35 | OPAL | ■      | PX4040436 |
| 39 W  | LED 3000 K | 4100 lm                      | 105 lm/W                | 2,65 | MPRM | ■      | PX4040443 |
| 39 W  | LED 4000 K | 4180 lm                      | 107 lm/W                | 2,65 | MPRM | ■      | PX4040450 |
| 58 W  | LED 3000 K | 6240 lm                      | 107 lm/W                | 3,7  | MPRM | ■      | PX4040457 |
| 58 W  | LED 4000 K | 6370 lm                      | 109 lm/W                | 3,7  | MPRM | ■      | PX4040464 |
| 77 W  | LED 3000 K | 8380 lm                      | 108 lm/W                | 5,35 | MPRM | ■      | PX4040471 |
| 77 W  | LED 4000 K | 8560 lm                      | 111 lm/W                | 5,35 | MPRM | ■      | PX4040478 |
| 37 W  | LED 3000 K | 4840 lm                      | 130 lm/W                | 2,85 | PAR  | ■      | PX4040485 |
| 37 W  | LED 4000 K | 4940 lm                      | 133 lm/W                | 2,85 | PAR  | ■      | PX4040492 |
| 59 W  | LED 3000 K | 7260 lm                      | 123 lm/W                | 3,90 | PAR  | ■      | PX4040494 |
| 59 W  | LED 4000 K | 7410 lm                      | 125 lm/W                | 3,90 | PAR  | ■      | PX4040496 |
| 73 W  | LED 3000 K | 9680 lm                      | 132 lm/W                | 5,65 | PAR  | ■      | PX4040499 |
| 73 W  | LED 4000 K | 9880 lm                      | 135 lm/W                | 5,65 | PAR  | ■      | PX4040506 |



SIGMA DI-IN LED



SIGMA LED

AKCESORIA  
ACCESSORIESAkcesoria na stronie: ➡ 48  
Accessories on page: ➡ 48

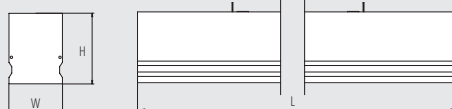
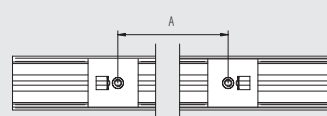
UWAGA:  
W standardzie oprawa występuje  
bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!

**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

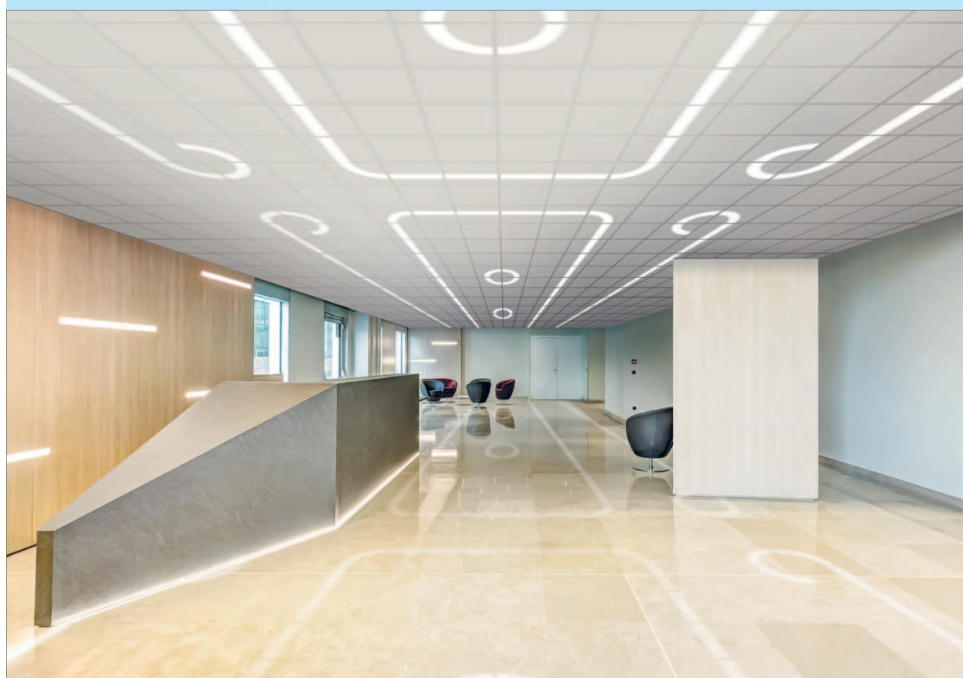
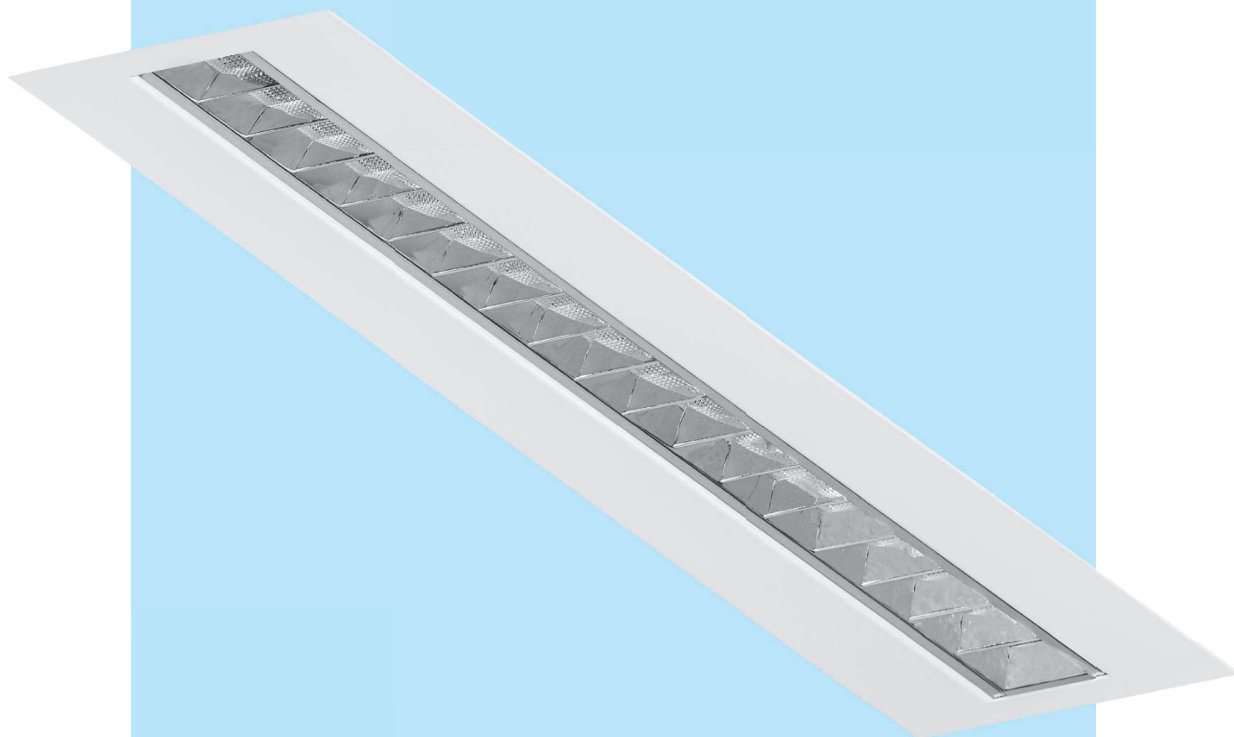
WYMIARY  
DIMENSIONS

| INFO | L    | W    | H    | A    |
|------|------|------|------|------|
| INFO | [mm] | [mm] | [mm] | [mm] |
| 13 W | 545  | 57   | 75   | -    |
| 25 W | 1085 | 57   | 75   | -    |
| 36 W | 1625 | 57   | 75   | -    |
| 48 W | 2170 | 57   | 75   | -    |
| 14 W | 545  | 57   | 75   | -    |
| 27 W | 1085 | 57   | 75   | -    |
| 40 W | 1625 | 57   | 75   | -    |
| 51 W | 2170 | 57   | 75   | -    |
| 39 W | 1085 | 57   | 75   | 724  |
| 58 W | 1625 | 57   | 75   | 1084 |
| 77 W | 2170 | 57   | 75   | 1448 |
| 37 W | 1085 | 57   | 75   | 724  |
| 40 W | 1625 | 57   | 75   | 1084 |
| 73 W | 2170 | 57   | 75   | 1448 |

Zwieszana wersja DI - płynna regulacja rozstawu mocowań  
Suspended DI version - smooth adjustment of fasteners spacing







## SIMPLE LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie (w standardzie kolor biały), raster paraboliczny (PAR) z płytą mikropryzmatyczną MPRM lub kłosz OPAL z poliwęglanu.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej.

Montaż na istniejącej konstrukcji nośnej sufitu, powstałe przestrzenie do wypełnienia odpowiednio dociętą płytą sufitową, która nie wchodzi w zakres zamówienia.

**Zasilanie:** 220 V - 240 V

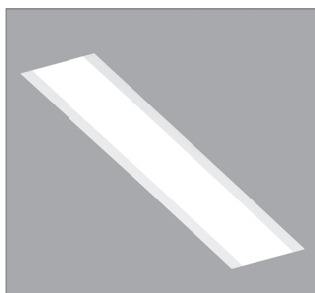
**Materials:** powder painted steel sheet body (standard colour: white), parabolic louver PAR with microprismatic plate MPRM, OPAL diffuser made of polycarbonate

**Installation:** into modular ceilings 600x600 with a visible supporting structure. The luminaire should be installed together with original ceiling panels which are not part of the order.

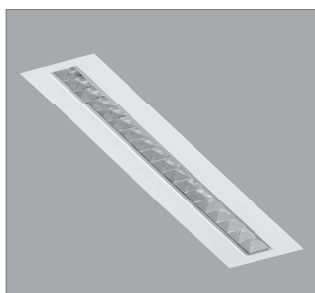
**Power supply:** 220 V - 240 V



## NOWOŚĆ



SIMPLE LED OPAL



SIMPLE LED PAR

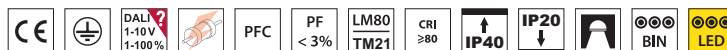


Przykład montażu w suficie: SIMPLE CORNER OPAL LED i SIMPLE LED OPAL  
Example of installation in the ceiling:  
SIMPLE CORNER OPAL LED and SIMPLE LED OPAL



Przykład montażu w suficie: SIMPLE ARC OPAL LED i SIMPLE LED OPAL  
Example of installation in the ceiling:  
SIMPLE ARC OPAL LED and SIMPLE LED OPAL

## SIMPLE LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC            | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | KOLOR  | INFO | KOD  |
|----------------|--------|------------------------------|-------------------------|----------|--------|------|------|
| POWER          | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | COLOUR | INFO | CODE |
| SIMPLE<br>600  | 17 W   | LED 3000 K                   | 1590 lm                 | 93 lm/W  | 2      | □    | OPAL |
|                | 17 W   | LED 4000 K                   | 1620 lm                 | 95 lm/W  | 2      | □    | OPAL |
|                | 31 W   | LED 3000 K                   | 3120 lm                 | 100 lm/W | 2      | □    | OPAL |
|                | 31 W   | LED 4000 K                   | 3190 lm                 | 102 lm/W | 2      | □    | OPAL |
|                | 14 W   | LED 3000 K                   | 1630 lm                 | 116 lm/W | 1,7    | □    | PAR  |
| SIMPLE<br>1200 | 14 W   | LED 4000 K                   | 1650 lm                 | 118 lm/W | 1,7    | □    | PAR  |
|                | 31 W   | LED 3000 K                   | 3530 lm                 | 114 lm/W | 4      | □    | OPAL |
|                | 31 W   | LED 4000 K                   | 3600 lm                 | 116 lm/W | 4      | □    | OPAL |
|                | 60 W   | LED 3000 K                   | 6450 lm                 | 108 lm/W | 4      | □    | OPAL |
|                | 60 W   | LED 4000 K                   | 6600 lm                 | 110 lm/W | 4      | □    | OPAL |
|                | 27 W   | LED 3000 K                   | 3250 lm                 | 121 lm/W | 3,4    | □    | PAR  |
|                | 27 W   | LED 4000 K                   | 3320 lm                 | 123 lm/W | 3,4    | □    | PAR  |

## SIMPLE CORNER LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

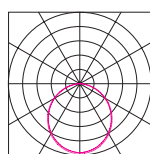
| MOC    | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | KOLOR  | INFO | KOD  |
|--------|--------|------------------------------|-------------------------|----------|--------|------|------|
| POWER  | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | COLOUR | INFO | CODE |
| SIMPLE | 17 W   | LED 3000 K                   | 1720 lm                 | 101 lm/W | 2,5    | □    | OPAL |
| CORNER | 17 W   | LED 4000 K                   | 1750 lm                 | 103 lm/W | 2,5    | □    | OPAL |

## SIMPLE ARC LED

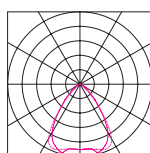


L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84

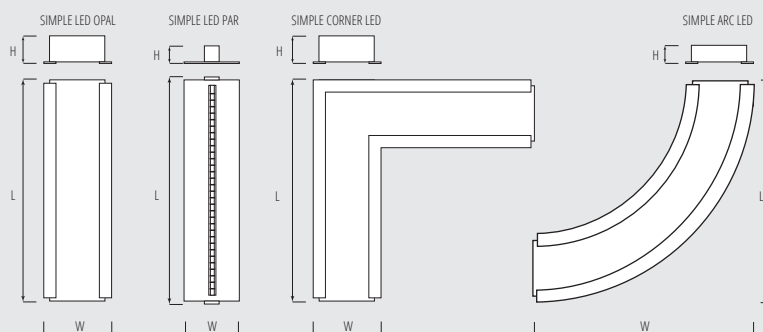
| MOC    | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]    | KOLOR  | INFO | KOD  |
|--------|--------|------------------------------|-------------------------|---------|--------|------|------|
| POWER  | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]    | COLOUR | INFO | CODE |
| SIMPLE | 14 W   | LED 3000 K                   | 1220 lm                 | 87 lm/W | 2,5    | □    | OPAL |
| ARC    | 14 W   | LED 4000 K                   | 1260 lm                 | 90 lm/W | 2,5    | □    | OPAL |

WYMIARY  
DIMENSIONS

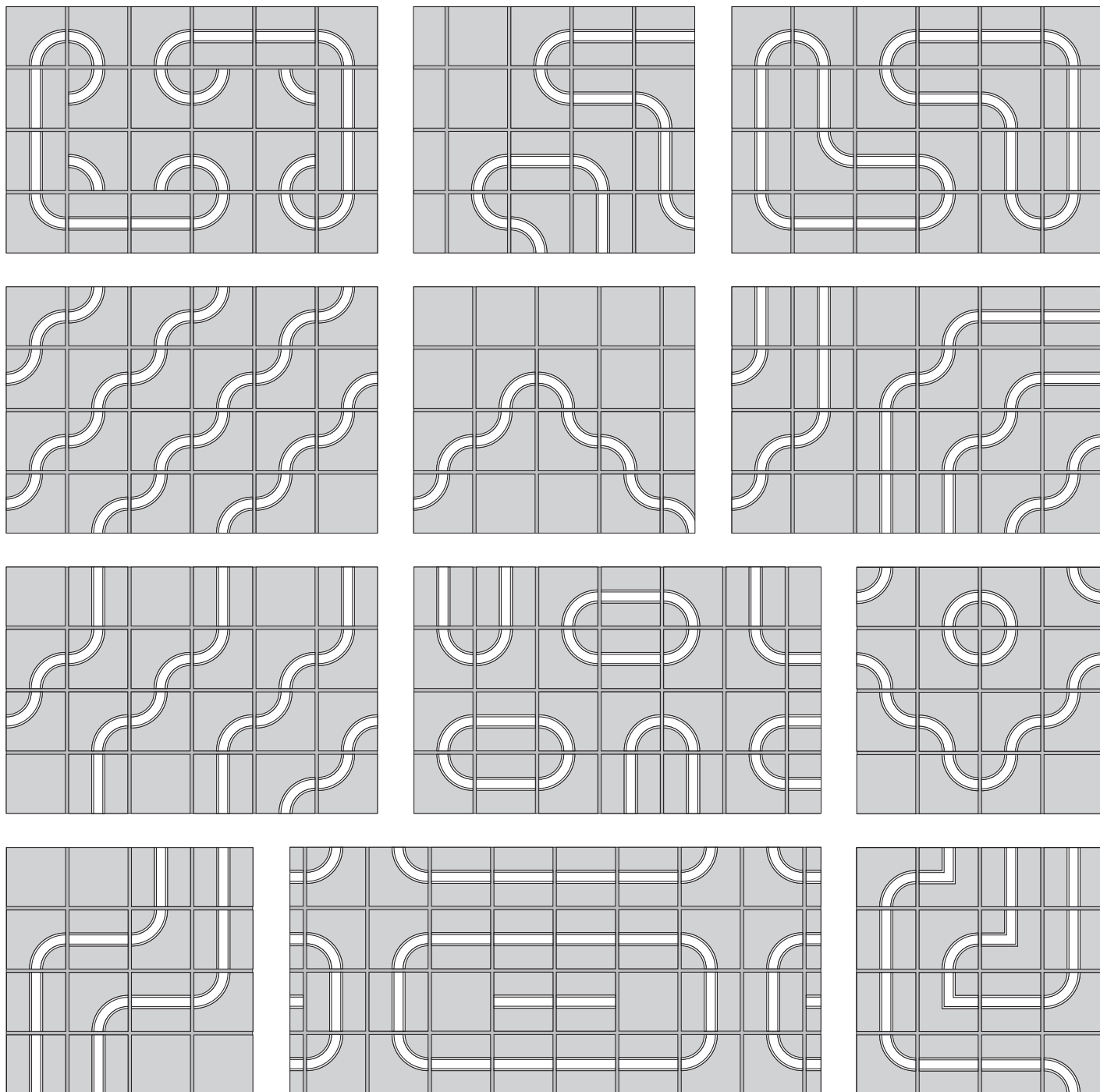
SIMPLE LED OPAL



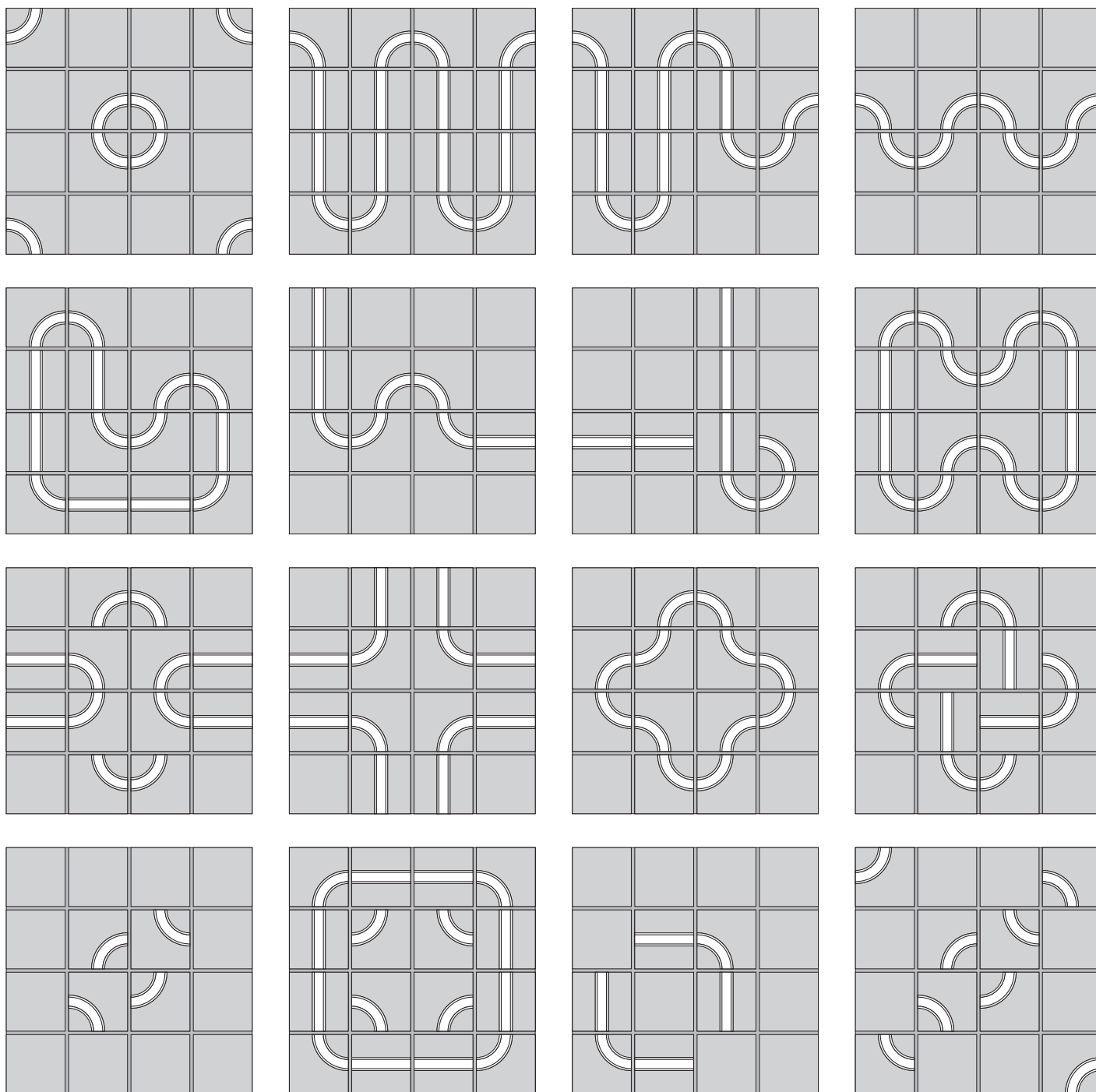
SIMPLE LED PAR



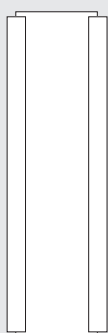
|        |      | L    | W    | H    |
|--------|------|------|------|------|
|        |      | [mm] | [mm] | [mm] |
| SIMPLE | OPAL | 595  | 134  | 87   |
| 600    | PAR  | 595  | 134  | 53   |
| SIMPLE | OPAL | 1195 | 134  | 87   |
| 1200   | PAR  | 1195 | 134  | 53   |
| SIMPLE | OPAL | 355  | 134  | 88   |
| CORNER | OPAL | 355  | 355  | 48   |
| SIMPLE | ARC  |      |      |      |



SIMPLE LED  
SIMPLE CORNER LED  
SIMPLE ARC LED



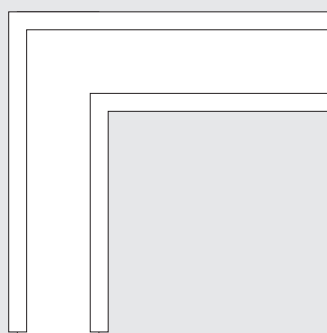
SIMPLE LED OPAL



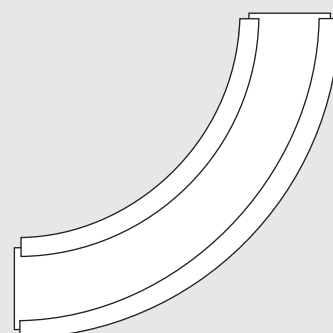
SIMPLE LED PAR



SIMPLE CORNER LED



SIMPLE ARC LED



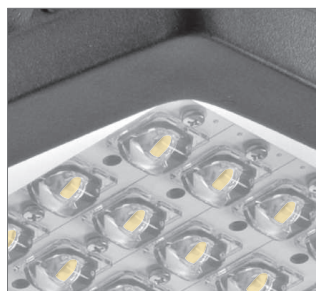


# SKYLINE LED



L80 B10 &gt;50 000h • CRI 80

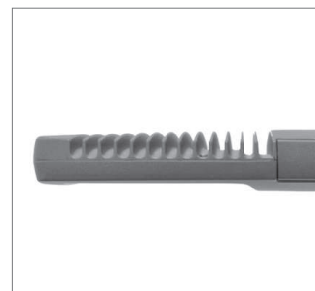
| MOC   | ŹRÓDŁO     | STRUMIEN<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]  | KOLOR  | INFO                         | KOD          |
|-------|------------|------------------------------|-------------------------|-------|--------|------------------------------|--------------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]  | COLOUR | INFO                         | CODE         |
| 35 W  | LED 4000 K | 4475 lm                      | 128 lm/W                | 10,00 | ■      | UCHWYT Ø60mm<br>HOLDER Ø60mm | CL506643.104 |
| 70 W  | LED 4000 K | 8950 lm                      | 128 lm/W                | 10,00 | ■      |                              | CL506643.208 |
| 105 W | LED 4000 K | 13420 lm                     | 128 lm/W                | 10,20 | ■      |                              | CL506643.312 |
| 140 W | LED 4000 K | 17900 lm                     | 128 lm/W                | 10,25 | ■      |                              | CL506643.416 |
| 35 W  | LED 4000 K | 4475 lm                      | 128 lm/W                | 10,00 | ■      | UCHWYT Ø40mm<br>HOLDER Ø40mm | CL507643.104 |
| 70 W  | LED 4000 K | 8950 lm                      | 128 lm/W                | 10,00 | ■      |                              | CL507643.208 |
| 105 W | LED 4000 K | 13420 lm                     | 128 lm/W                | 10,20 | ■      |                              | CL507643.312 |
| 140 W | LED 4000 K | 17900 lm                     | 128 lm/W                | 10,25 | ■      |                              | CL507643.416 |



SKYLINE LED - szyba hartowana o grubości 4 mm  
SKYLINE LED - 4 mm tempered glass



Obudowa z odlewu aluminium  
Die-cast aluminium housing



Konstrukcja zapewniająca odprowadzanie ciepła  
Hosing designed for heat dissipation

# SKYLINE LED

**Wykonanie:** korpus z odlewu aluminium zabezpieczony termoutwardzalną powłoką poliesterową, szyba ze szkła hartowanego o grubości 4 mm, diody LED z optyką asymetryczną 30°

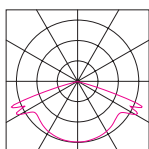
**Montaż:** naścienny, do podłoża

**Zasilanie:** 220 V - 240 V

**Materials:** die-cast aluminum body protected by the thermosetting polyester coating; tempered glass of thickness 4 mm; LEDs with asymmetry optics 30°

**Installation:** wall mounted, to the ground

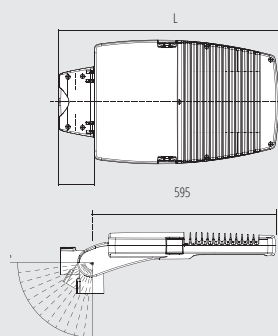
**Power supply:** 220 V - 240 V



SKYLINE

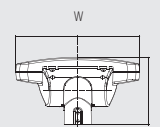
Na zapytanie dostępne są:  
zasilacze DALI i Bi-Power,  
diody o temperaturze barwowej 3000K i 5000K

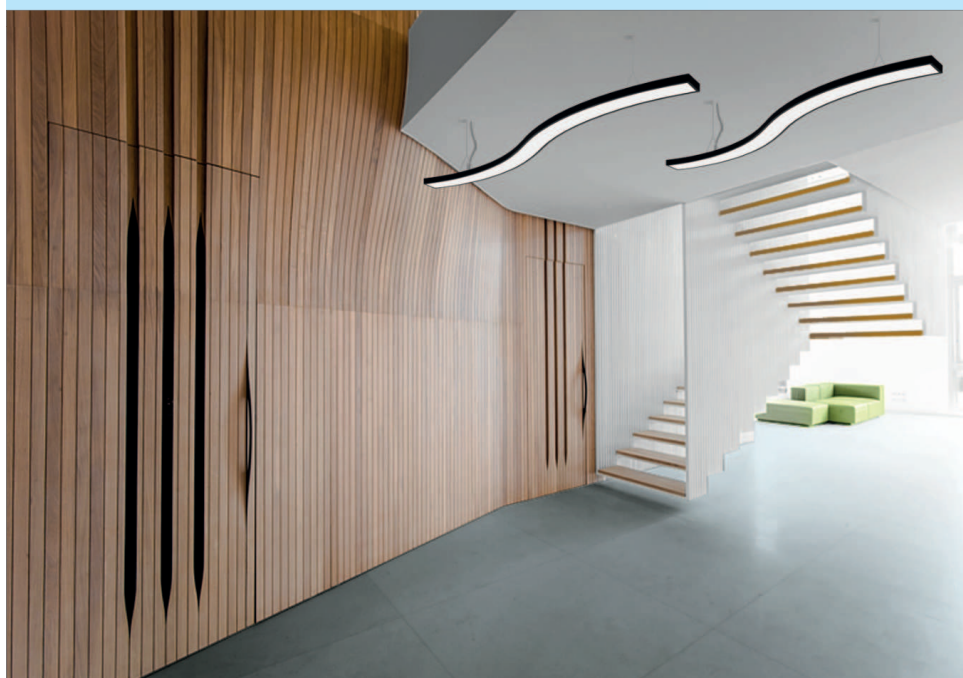
On request:  
DALI and Bi-Power ballast  
LEDs with colour temperature 3000K and 5000K



WYMIARY  
DIMENSIONS

| L    | W    | H    |
|------|------|------|
| [mm] | [mm] | [mm] |
| 590  | 332  | 181  |





## SNAKE LED

**Wykonanie:** korpus aluminiowy malowany elektrolitycznie (w standardzie kolor szary). Możliwość lakierowania korpusu na dowolny kolor z palety RAL, klosz OPAL.

**Montaż:** zwieszany (zawieszenia 1,5 m w komplecie)

**Zasilanie:** 220 - 240 V

**Materials:** electrostatically painted aluminium housing (grey colour in standard). Possibility of painting in any colour from RAL palette. OPAL diffuser.

**Installation:** suspended (suspensions 1,5 m in set)

**Power supply:** 220 - 240 V

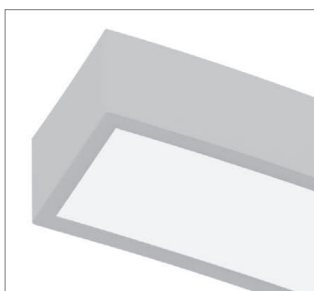


# SNAKE LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

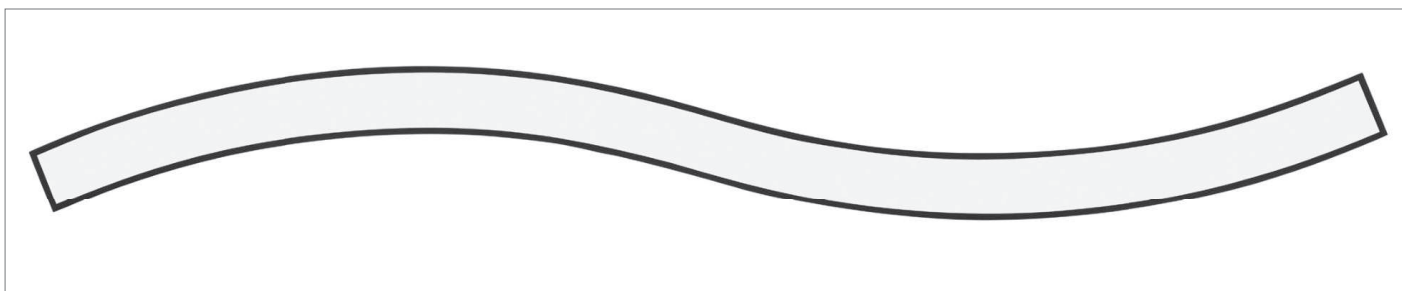
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 78 W  | LED 3000 K | 7590 lm                      | 97 lm/W                 | 6,5  | ■      | PX4090780 |
| 78 W  | LED 4000 K | 7820 lm                      | 100 lm/W                | 6,5  | ■      | PX4090788 |



Aluminiowy profil - wersja specjalna w kolorze czarnym  
Aluminium profile - special version in black colour



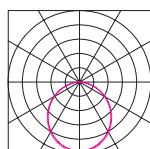
Klosz OPAL  
OPAL diffuser



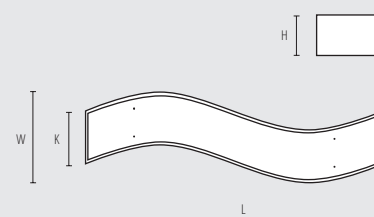
SNAKE LED

## WYMIARY DIMENSIONS

| L    | W    | H    | K    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 1835 | 800  | 60   | 100  |



SNAKE LED



|              |     |               |     |           |     |           |     |           |     |           |     |           |     |           |     |
|--------------|-----|---------------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
| CL235643.104 | 287 | N28-04093-85  | 276 | PX0759401 | 73  | PX0921052 | 61  | PX1789015 | 225 | PX2065449 | 137 | PX2070892 | 123 | PX3004115 | 197 |
| CL235643.208 | 287 | N3875-01-21   | 115 | PX0759408 | 73  | PX0921054 | 61  | PX1789022 | 225 | PX2065450 | 137 | PX2070899 | 123 | PX3004122 | 197 |
| CL235643.312 | 287 | N3875-01-52   | 115 | PX0759415 | 73  | PX0921056 | 61  | PX1789029 | 225 | PX2065451 | 137 | PX2070901 | 119 | PX3005160 | 197 |
| CL235643.416 | 287 | N3880-01-21   | 115 | PX0759422 | 73  | PX0921058 | 61  | PX1789036 | 225 | PX2065458 | 137 | PX2070908 | 119 | PX3005163 | 197 |
| CL236643.104 | 287 | N3880-01-52   | 115 | PX0759429 | 73  | PX0921061 | 61  | PX1804101 | 300 | PX2065465 | 137 | PX2070915 | 119 | PX3005164 | 197 |
| CL236643.208 | 287 | N3881-01-21   | 115 | PX0759436 | 73  | PX0921068 | 61  | PX2040101 | 241 | PX2065472 | 137 | PX2070922 | 119 | PX3005171 | 197 |
| CL236643.312 | 287 | N3881-01-52   | 115 | PX0759443 | 73  | PX0921075 | 61  | PX2040107 | 241 | PX2065479 | 137 | PX2070929 | 119 | PX3005178 | 197 |
| CL236643.416 | 287 | N3887-01-21   | 115 | PX0759450 | 73  | PX0921077 | 61  | PX2040113 | 241 | PX2065486 | 137 | PX2070936 | 119 | PX3005185 | 197 |
| CL237643.104 | 287 | N3887-01-52   | 115 | PX0864129 | 191 | PX0921079 | 61  | PX2040151 | 241 | PX2065501 | 133 | PX2070943 | 119 | PX3005192 | 195 |
| CL237643.208 | 287 | N3888-02-21   | 115 | PX0906263 | 201 | PX0921082 | 61  | PX2040157 | 241 | PX2065508 | 133 | PX2070950 | 119 | PX3005199 | 195 |
| CL237643.312 | 287 | N3888-02-52   | 115 | PX0906268 | 201 | PX0921084 | 61  | PX2040163 | 241 | PX2065515 | 133 | PX2070957 | 119 | PX3005219 | 219 |
| CL237643.416 | 287 | N3915-01-06   | 190 | PX0906283 | 201 | PX0921086 | 61  | PX2040169 | 241 | PX2065522 | 133 | PX2070964 | 119 | PX3005219 | 219 |
| CL238643.104 | 287 | N3916-01-06   | 190 | PX0906288 | 201 | PX0921088 | 61  | PX2040175 | 241 | PX2065529 | 133 | PX2070971 | 119 | PX3005219 | 219 |
| CL238643.208 | 287 | N717-161-16   | 87  | PX0906339 | 203 | PX0921090 | 61  | PX2040181 | 241 | PX2065536 | 133 | PX2070978 | 119 | PX3005219 | 219 |
| CL238643.312 | 287 | N717-161-21   | 87  | PX0906346 | 203 | PX0921092 | 61  | PX2040187 | 241 | PX2065543 | 133 | PX2071001 | 125 | PX3005219 | 219 |
| CL238643.416 | 287 | N717-161-52   | 87  | PX0906353 | 203 | PX0921094 | 61  | PX2040193 | 241 | PX2065550 | 133 | PX2071008 | 125 | PX3005219 | 219 |
| CL243643.416 | 288 | N717-261-16   | 87  | PX0906360 | 203 | PX0921096 | 61  | PX2040199 | 241 | PX2065669 | 133 | PX2071015 | 125 | PX3005219 | 219 |
| CL243643.208 | 288 | N717-261-21   | 87  | PX0906401 | 201 | PX0921098 | 61  | PX2040401 | 241 | PX2065676 | 133 | PX2071022 | 125 | PX3005219 | 219 |
| CL243643.288 | 288 | N717-261-52   | 87  | PX0906408 | 201 | PX0921100 | 61  | PX2040408 | 241 | PX2065683 | 133 | PX2071029 | 125 | PX3005219 | 219 |
| CL243643.728 | 288 | N717-6613-16  | 87  | PX0906415 | 201 | PX0921102 | 61  | PX2040415 | 241 | PX2065690 | 133 | PX2071036 | 125 | PX3005219 | 219 |
| CL243643.832 | 288 | N717-6613-21  | 87  | PX0906422 | 201 | PX0922021 | 293 | PX2040422 | 241 | PX2065730 | 109 | PX2071043 | 125 | PX3005219 | 219 |
| CL243643.936 | 288 | N717-6613-52  | 87  | PX0906423 | 205 | PX0922032 | 293 | PX2040429 | 241 | PX2065740 | 109 | PX2071050 | 125 | PX3005219 | 219 |
| CL244643.416 | 288 | N719-261-16   | 87  | PX0906424 | 205 | PX0922143 | 293 | PX2040436 | 241 | PX2065901 | 133 | PX2071057 | 125 | PX3005219 | 219 |
| CL244643.520 | 288 | N719-261-21   | 87  | PX0906425 | 205 | PX0925501 | 293 | PX2040441 | 243 | PX2065908 | 133 | PX2071064 | 125 | PX3005219 | 219 |
| CL244643.624 | 288 | N719-261-52   | 87  | PX0906426 | 205 | PX0925508 | 293 | PX2040443 | 243 | PX2065915 | 133 | PX2071071 | 125 | PX3005219 | 219 |
| CL244643.728 | 288 | N725-562-16   | 87  | PX0906429 | 201 | PX0925515 | 293 | PX2040445 | 243 | PX2065922 | 133 | PX2071078 | 125 | PX3005219 | 219 |
| CL244643.832 | 288 | N725-562-21   | 87  | PX0906436 | 201 | PX0925522 | 293 | PX2040447 | 243 | PX2065951 | 135 | PX2071085 | 125 | PX3005219 | 219 |
| CL244643.936 | 288 | N725-663-16   | 87  | PX0906443 | 201 | PX0925529 | 293 | PX2040449 | 243 | PX2065958 | 135 | PX2071092 | 125 | PX3005219 | 219 |
| CL506643.104 | 289 | N725-663-21   | 87  | PX0906450 | 201 | PX0925801 | 293 | PX2040451 | 243 | PX2065965 | 135 | PX2071099 | 125 | PX3005219 | 219 |
| CL506643.208 | 289 | N742-121-16   | 85  | PX0906457 | 201 | PX0926080 | 293 | PX2040453 | 243 | PX2065972 | 135 | PX2071106 | 125 | PX3005219 | 219 |
| CL506643.312 | 289 | N742-121-21   | 85  | PX0906464 | 201 | PX0927001 | 293 | PX2040455 | 243 | PX2065979 | 135 | PX2071113 | 125 | PX3005219 | 219 |
| CL506643.416 | 289 | N742-1613-16  | 85  | PX0906471 | 201 | PX0927008 | 293 | PX2040457 | 243 | PX2065986 | 135 | PX2071120 | 125 | PX3005219 | 219 |
| CL507643.104 | 289 | N742-1613-21  | 85  | PX0906478 | 201 | PX0927015 | 293 | PX2040459 | 243 | PX2065993 | 135 | PX2071127 | 125 | PX3005219 | 219 |
| CL507643.208 | 289 | N742-1613A-16 | 85  | PX0906485 | 201 | PX0927022 | 293 | PX2040461 | 243 | PX2066000 | 135 | PX2071134 | 125 | PX3005219 | 219 |
| CL507643.312 | 289 | N742-1613A-21 | 85  | PX0906492 | 201 | PX0927043 | 293 | PX2040463 | 243 | PX2066001 | 129 | PX2071141 | 125 | PX3005219 | 219 |
| CL507643.416 | 289 | N742-2613-16  | 85  | PX0906515 | 201 | PX0927050 | 293 | PX2040465 | 243 | PX2066008 | 129 | PX2071148 | 125 | PX3005219 | 219 |
| IV10231243   | 267 | N742-2613-21  | 85  | PX0906522 | 201 | PX0927057 | 293 | PX2040467 | 243 | PX2066015 | 129 | PX2071155 | 125 | PX3005219 | 219 |
| IV10531243   | 267 | N742-2613A-16 | 85  | PX0906529 | 201 | PX0927064 | 293 | PX2040469 | 243 | PX2066022 | 129 | PX2071162 | 125 | PX3005219 | 219 |
| IV1071RW03   | 273 | N742-2613A-21 | 85  | PX0906536 | 201 | PX0927071 | 293 | PX2040470 | 243 | PX2066029 | 129 | PX2071169 | 125 | PX3005219 | 219 |
| IV1071RW04   | 273 | N743-1613-16  | 85  | PX0906543 | 201 | PX0927079 | 293 | PX2040471 | 241 | PX2066036 | 129 | PX2071176 | 125 | PX3005219 | 219 |
| IV1073RW03   | 273 | N743-1613-21  | 85  | PX0906550 | 201 | PX0927106 | 293 | PX2040478 | 241 | PX2066043 | 129 | PX2071183 | 125 | PX3005219 | 219 |
| IV1073RW04   | 273 | N743-2693-16  | 85  | PX0906557 | 201 | PX0927113 | 293 | PX2040479 | 243 | PX2066050 | 129 | PX2071190 | 125 | PX3005219 | 219 |
| IV118303     | 273 | N743-2693-21  | 85  | PX0906564 | 201 | PX0927120 | 293 | PX2040480 | 243 | PX2066057 | 129 | PX2071197 | 125 | PX3005219 | 219 |
| IV118304     | 273 | N743-4613-16  | 85  | PX0906571 | 201 | PX0927141 | 293 | PX2040481 | 243 | PX2066064 | 129 | PX2071204 | 125 | PX3005219 | 219 |
| IV118503     | 273 | N743-4613-21  | 85  | PX0906578 | 201 | PX0927148 | 293 | PX2040482 | 243 | PX2066071 | 129 | PX2071211 | 125 | PX3005219 | 219 |
| IV118504     | 273 | N743-4613A-16 | 85  | PX0906585 | 201 | PX0927155 | 293 | PX2040483 | 243 | PX2066078 | 129 | PX2071218 | 125 | PX3005219 | 219 |
| IV119303     | 273 | N743-4613A-21 | 85  | PX0906592 | 201 | PX0927162 | 293 | PX2040484 | 243 | PX2066601 | 233 | PX2071301 | 127 | PX3005219 | 219 |
| IV119304     | 273 | N7511-10-30   | 88  | PX0906601 | 203 | PX0927169 | 293 | PX2040485 | 243 | PX2066608 | 233 | PX2071308 | 127 | PX3005219 | 219 |
| IV119603     | 273 | N7511-10-31   | 88  | PX0906608 | 203 | PX0927190 | 293 | PX2040486 | 243 | PX2066638 | 233 | PX2071315 | 127 | PX3005219 | 219 |
| IV119604     | 273 | N7511-10-42   | 88  | PX0906610 | 205 | PX0960143 | 64  | PX2040487 | 243 | PX2066640 | 233 | PX2071322 | 127 | PX3005219 | 219 |
| IV119703     | 273 | N7511-20-30   | 88  | PX0906611 | 205 | PX0960150 | 64  | PX2040488 | 243 | PX2066652 | 233 | PX2071329 | 127 | PX3005219 | 219 |
| IV119704     | 273 | N7511-20-31   | 88  | PX0906612 | 205 | PX0960157 | 64  | PX2040489 | 243 | PX2066654 | 233 | PX2071336 | 127 | PX3005219 | 219 |
| IV119803     | 273 | N7511-20-42   | 88  | PX0906613 | 205 | PX0960164 | 64  | PX2040490 | 243 | PX2066657 | 233 | PX2071343 | 127 | PX3005219 | 219 |
| IV119804     | 273 | N7511-30-30   | 88  | PX0906615 | 203 | PX1310115 | 165 | PX2040491 | 243 | PX2066664 | 233 | PX2071350 | 127 | PX3005219 | 219 |
| IV138001     | 271 | N7511-30-31   | 88  | PX0906622 | 203 | PX1310122 | 165 | PX2040492 | 243 | PX2066694 | 233 | PX2071357 | 127 | PX3005219 | 219 |
| IV138003     | 271 | N7511-30-42   | 88  | PX0906629 | 203 | PX1310129 | 165 | PX2040493 | 243 | PX2066696 | 233 | PX2071364 | 127 | PX3005219 | 219 |
| IV138004     | 271 | N7511-40-30   | 88  | PX0906636 | 203 | PX1310136 | 165 | PX2040494 | 243 | PX2066713 | 233 | PX2071371 | 127 | PX3005219 | 219 |
| IV139201     | 271 | N7511-40-31   | 88  | PX0906643 | 203 | PX1310143 | 165 | PX2040495 | 243 | PX2066720 | 233 | PX2071378 | 127 | PX3005219 | 219 |
| IV139203     | 271 | N7511-40-42   | 88  | PX0906650 | 203 | PX1310150 | 165 | PX2040496 | 243 | PX2067001 | 129 | PX2071385 | 127 | PX3005219 | 219 |
| IV139204     | 271 | N7600-00-20   | 89  | PX0906657 | 203 | PX1486580 | 177 | PX2040497 | 239 | PX2067008 | 129 | PX2071392 | 127 | PX3005219 | 219 |
| IV144001     | 270 | N7600-00-30   | 89  | PX0906664 | 203 | PX1486585 | 177 | PX2040908 | 239 | PX2067051 | 129 | PX2071399 | 127 | PX3005219 | 219 |
| IV144003     | 270 | N7600-00-31   | 89  | PX0906671 | 203 | PX1486587 | 177 | PX2040915 | 239 | PX2067052 | 129 | PX2071406 | 127 | PX3005219 | 219 |
| IV144004     | 270 | N7604Q-10-W30 | 89  | PX0906678 | 203 | PX1486590 | 177 | PX2040922 | 239 | PX2069001 | 231 | PX2083111 | 300 | PX3005219 | 219 |
| IV144501     | 270 | N7604Q-10-W31 | 89  | PX0906685 | 203 | PX1486592 | 177 | PX2040929 | 239 | PX2069008 | 231 | PX2250115 | 147 | PX3005219 | 219 |
| IV144503     | 270 | N7606-00-30   | 89  | PX0906692 | 203 | PX1486594 | 177 | PX2040936 | 239 | PX2069015 | 231 | PX2250122 | 147 | PX3005219 | 219 |
| IV144504     | 270 | N7606-00-31   | 89  | PX0906699 | 203 | PX1487001 | 169 | PX2040943 | 239 | PX2069022 | 231 | PX2250129 | 147 | PX3005219 | 219 |
| IV144701     | 271 | N7606-04-00   | 89  | PX0906706 | 203 | PX1487008 | 169 | PX2040950 | 239 | PX2069029 | 231 | PX2250136 | 147 | PX3005219 | 219 |
| IV144703     | 271 | N7606-05-30   | 89  | PX0906713 | 203 | PX1487015 | 169 | PX2040957 | 239 | PX2069036 | 231 | PX2250143 | 147 | PX3005219 | 219 |
| IV144704     | 271 | N7606-05-31   | 89  | PX0906720 | 203 | PX1487022 | 169 | PX2040964 | 239 | PX2069043 | 231 | PX2250150 | 147 | PX3005219 | 219 |
| IV144801     | 270 | N7607-00-00   | 89  | PX0906727 | 203 | PX1487029 | 169 | PX2040971 | 239 | PX2069050 | 231 | PX2250227 | 147 | PX3005219 | 219 |
| IV144803     | 270 | N7624-00-30   | 89  | PX0906734 | 203 | PX1487036 | 169 |           |     |           |     |           |     |           |     |

|           |     |           |    |           |    |           |    |           |     |           |     |           |     |           |     |
|-----------|-----|-----------|----|-----------|----|-----------|----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
| PX3732232 | 159 | PX4022136 | 70 | PX4040676 | 31 | PX4042470 | 35 | PX4070157 | 56  | PX4086496 | 23  | PX4088975 | 263 | PX4089471 | 179 |
| PX3732239 | 159 | PX4022139 | 70 | PX4040683 | 31 | PX4042476 | 35 | PX4070164 | 56  | PX4086498 | 23  | PX4088977 | 263 | PX4089478 | 179 |
| PX3732246 | 159 | PX4022193 | 70 | PX4040690 | 31 | PX4042578 | 43 | PX4070171 | 56  | PX4086500 | 23  | PX4088979 | 263 | PX4089485 | 179 |
| PX3732251 | 161 | PX4022195 | 70 | PX4040697 | 31 | PX4042584 | 43 | PX4070178 | 56  | PX4086502 | 23  | PX4088981 | 263 | PX4089492 | 179 |
| PX3732255 | 161 | PX4022201 | 69 | PX4040704 | 31 | PX4042590 | 43 | PX4070201 | 56  | PX4086504 | 23  | PX4088983 | 263 | PX4089499 | 179 |
| PX3732259 | 161 | PX4022208 | 69 | PX4040711 | 31 | PX4042596 | 43 | PX4070208 | 56  | PX4086506 | 23  | PX4088984 | 97  | PX4089506 | 179 |
| PX3732263 | 161 | PX4022215 | 69 | PX4040718 | 31 | PX4042602 | 43 | PX4070215 | 56  | PX4086508 | 23  | PX4088985 | 97  | PX4089513 | 179 |
| PX3732267 | 161 | PX4022272 | 69 | PX4040722 | 69 | PX4042608 | 43 | PX4070222 | 56  | PX4086510 | 23  | PX4088986 | 97  | PX4089520 | 179 |
| PX3732271 | 161 | PX4022279 | 69 | PX4040732 | 31 | PX4042614 | 43 | PX4070229 | 56  | PX4086512 | 23  | PX4088987 | 97  | PX4089527 | 179 |
| PX3732275 | 161 | PX4022276 | 69 | PX4040739 | 31 | PX4042620 | 43 | PX4070236 | 56  | PX4086514 | 23  | PX4088988 | 97  | PX4089534 | 179 |
| PX3732279 | 161 | PX4022243 | 69 | PX4040746 | 31 | PX4042626 | 43 | PX4070243 | 56  | PX4086516 | 23  | PX4088989 | 97  | PX4089541 | 179 |
| PX3732283 | 161 | PX4022250 | 69 | PX4040748 | 31 | PX4042632 | 43 | PX4070250 | 56  | PX4086518 | 23  | PX4088990 | 97  | PX4089548 | 179 |
| PX3732287 | 161 | PX4022257 | 69 | PX4040750 | 31 | PX4042638 | 43 | PX4070257 | 56  | PX4086520 | 23  | PX4088991 | 97  | PX4089555 | 179 |
| PX3732291 | 161 | PX4022264 | 69 | PX4040753 | 31 | PX4042644 | 43 | PX4070264 | 56  | PX4086522 | 23  | PX4088992 | 97  | PX4089562 | 179 |
| PX3732295 | 161 | PX4022271 | 69 | PX4040760 | 31 | PX4042650 | 43 | PX4070271 | 56  | PX4086524 | 23  | PX4088993 | 97  | PX4089569 | 181 |
| PX3734650 | 221 | PX4022278 | 69 | PX4040765 | 47 | PX4042656 | 43 | PX4070278 | 56  | PX4086526 | 23  | PX4088994 | 97  | PX4089576 | 181 |
| PX3734658 | 221 | PX4022285 | 69 | PX4040769 | 47 | PX4042674 | 37 | PX4070401 | 59  | PX4086528 | 23  | PX4088995 | 97  | PX4089583 | 181 |
| PX3734666 | 221 | PX4022292 | 69 | PX4040773 | 47 | PX4042680 | 37 | PX4070408 | 59  | PX4086530 | 23  | PX4088996 | 97  | PX4089590 | 181 |
| PX3734674 | 221 | PX4022299 | 69 | PX4040777 | 47 | PX4042694 | 45 | PX4070415 | 59  | PX4086532 | 23  | PX4088997 | 97  | PX4089597 | 181 |
| PX3750901 | 253 | PX4022806 | 69 | PX4040781 | 47 | PX4042696 | 45 | PX4070422 | 59  | PX4086534 | 23  | PX4088998 | 97  | PX4089604 | 181 |
| PX3750908 | 253 | PX4022813 | 69 | PX4040785 | 47 | PX4042710 | 37 | PX4070429 | 59  | PX4086536 | 23  | PX4088999 | 97  | PX4089611 | 183 |
| PX3750915 | 253 | PX4022820 | 69 | PX4040789 | 47 | PX4042716 | 37 | PX4070436 | 59  | PX4086538 | 23  | PX4089000 | 97  | PX4089618 | 183 |
| PX3750922 | 253 | PX4022827 | 69 | PX4040793 | 47 | PX4042722 | 45 | PX4070443 | 59  | PX4086540 | 23  | PX4089001 | 97  | PX4089625 | 183 |
| PX3750929 | 253 | PX4022834 | 69 | PX4040857 | 41 | PX4042728 | 45 | PX4070450 | 59  | PX4086542 | 23  | PX4089002 | 79  | PX4089632 | 183 |
| PX3750936 | 253 | PX4022841 | 69 | PX4040864 | 41 | PX4042731 | 43 | PX4070457 | 59  | PX4086601 | 229 | PX4089009 | 79  | PX4089639 | 183 |
| PX3751001 | 215 | PX4022848 | 69 | PX4040871 | 41 | PX4042738 | 43 | PX4070464 | 59  | PX4086608 | 229 | PX4089016 | 79  | PX4089646 | 183 |
| PX3751008 | 215 | PX4022855 | 69 | PX4040878 | 41 | PX4042745 | 43 | PX4070471 | 59  | PX4086615 | 229 | PX4089023 | 79  | PX4089700 | 185 |
| PX3751015 | 215 | PX4022862 | 69 | PX4040885 | 41 | PX4042752 | 43 | PX4070478 | 59  | PX4086622 | 229 | PX4089030 | 79  | PX4089707 | 185 |
| PX3751022 | 215 | PX4022869 | 69 | PX4040892 | 41 | PX4042759 | 43 | PX4070485 | 59  | PX4086629 | 229 | PX4089037 | 79  | PX4089714 | 185 |
| PX3751029 | 215 | PX4022876 | 69 | PX4040899 | 41 | PX4042766 | 43 | PX4070492 | 59  | PX4086636 | 229 | PX4089086 | 79  | PX4089721 | 185 |
| PX3751036 | 215 | PX4022883 | 69 | PX4040906 | 41 | PX4042773 | 43 | PX4070499 | 59  | PX4086643 | 229 | PX4089093 | 79  | PX4089728 | 185 |
| PX3751043 | 215 | PX4022890 | 69 | PX4040913 | 41 | PX4042780 | 43 | PX4070506 | 59  | PX4086650 | 229 | PX4089100 | 79  | PX4089735 | 185 |
| PX3751050 | 215 | PX4022897 | 69 | PX4040920 | 41 | PX4043001 | 29 | PX4070513 | 59  | PX4086657 | 229 | PX4089107 | 79  | PX4089742 | 185 |
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| PX3751071 | 215 | PX4022918 | 69 | PX4040936 | 41 | PX4043022 | 29 | PX4080008 | 103 | PX4086678 | 229 | PX4089128 | 79  | PX4089763 | 185 |
| PX3751078 | 215 | PX4040101 | 25 | PX4040938 | 41 | PX4043029 | 29 | PX4080015 | 103 | PX4086685 | 229 | PX4089135 | 79  | PX4089770 | 185 |
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| PX3751092 | 215 | PX4040115 | 25 | PX4040948 | 41 | PX4043043 | 29 | PX4080029 | 105 | PX4086699 | 229 | PX4089149 | 79  | PX4090301 | 257 |
| PX3751099 | 215 | PX4040122 | 25 | PX4041001 | 27 | PX4043050 | 29 | PX4080036 | 105 | PX4086706 | 229 | PX4089156 | 79  | PX4090308 | 257 |
| PX3751101 | 139 | PX4040129 | 25 | PX4041008 | 27 | PX4043057 | 29 | PX4080043 | 105 | PX4086713 | 229 | PX4089163 | 79  | PX4090315 | 257 |
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| PX3751113 | 139 | PX4040143 | 25 | PX4041022 | 37 | PX4043071 | 29 | PX4081001 | 103 | PX4086727 | 229 | PX4089219 | 79  | PX4090329 | 257 |
| PX3751114 | 215 | PX4040150 | 25 | PX4041038 | 45 | PX4043078 | 29 | PX4081008 | 103 | PX4086734 | 229 | PX4089226 | 79  | PX4090336 | 257 |
| PX3751119 | 139 | PX4040157 | 25 | PX4041045 | 45 | PX4043085 | 29 | PX4081015 | 103 | PX4086741 | 229 | PX4089233 | 79  | PX4090343 | 257 |
| PX3751120 | 215 | PX4040164 | 25 | PX4041043 | 27 | PX4043092 | 29 | PX4081022 | 103 | PX4086748 | 229 | PX4089240 | 79  | PX4090350 | 257 |
| PX3751131 | 139 | PX4040171 | 25 | PX4041050 | 27 | PX4043099 | 29 | PX4081029 | 105 | PX4086755 | 229 | PX4089247 | 79  | PX4090357 | 257 |
| PX3751137 | 139 | PX4040178 | 25 | PX4041057 | 27 | PX4043106 | 29 | PX4081036 | 105 | PX4086762 | 229 | PX4089254 | 81  | PX4090364 | 257 |
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| PX3760722 | 149 | PX4040227 | 25 | PX4041122 | 41 | PX4043155 | 29 | PX4081085 | 19  | PX4086811 | 229 | PX4089303 | 81  | PX4090413 | 257 |
| PX3760724 | 149 | PX4040234 | 25 | PX4041129 | 41 | PX4043162 | 29 | PX4081092 | 19  | PX4086818 | 229 | PX4089310 | 81  | PX4090420 | 257 |
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| PX3760743 | 223 | PX4040383 | 39 | PX4041171 | 52 | PX4043204 | 29 | PX4081134 | 19  | PX4086860 | 141 | PX4089352 | 81  | PX4090462 | 257 |
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| PX3760757 | 223 | PX4040385 | 39 | PX4041174 | 51 | PX4043218 | 29 | PX4081148 | 19  | PX4086874 | 141 | PX4089366 | 81  | PX4090476 | 257 |
| PX3760764 | 223 | PX4040386 | 39 | PX4041179 | 51 | PX4043225 | 29 | PX4081155 | 19  | PX4086881 | 141 | PX4089373 | 81  | PX4090483 | 257 |
| PX3760771 | 223 | PX4040387 | 39 | PX4041184 | 51 | PX4043232 | 29 | PX4081162 | 19  | PX4086888 | 141 | PX4089380 | 81  | PX4090490 | 257 |
| PX3760778 | 223 | PX4040388 | 39 | PX4041189 | 51 | PX4043239 | 29 | PX4081169 | 19  | PX4086895 | 141 | PX4089387 | 81  | PX4090497 | 257 |
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| PX3760801 | 149 | PX4040391 | 39 | PX4041201 | 53 | PX4043260 | 29 | PX4081190 | 19  | PX4086916 | 141 | PX4089408 | 81  | PX4090518 | 257 |
| PX3760807 | 149 | PX4040392 | 39 | PX4041208 | 53 | PX4043267 | 29 | PX4081197 | 19  | PX4086923 | 141 | PX4089415 | 81  | PX4090525 | 257 |
| PX3760813 | 149 | PX4040393 | 39 | PX4041215 | 53 | PX4043274 | 29 | PX4081204 | 19  | PX4086930 | 141 | PX4089422 | 81  | PX4090532 | 257 |
| PX3760819 | 149 | PX4040401 | 25 | PX4041222 | 53 | PX4043281 | 29 | PX4081211 | 19  | PX4086937 | 141 | PX4089429 | 81  | PX4090539 | 257 |
| PX3760825 | 149 | PX4040408 | 25 | PX4041229 | 53 | PX4043288 | 29 | PX4081218 |     |           |     |           |     |           |     |

|           |     |           |     |                        |            |     |           |     |           |     |           |     |                |     |
|-----------|-----|-----------|-----|------------------------|------------|-----|-----------|-----|-----------|-----|-----------|-----|----------------|-----|
| PX4090955 | 55  | PX4111201 | 95  | AKCESORIA//ACCESSORIES | IV81-04031 | 187 | PX0922332 | 57  | PX2066803 | 231 | PX4040368 | 49  | PX4086221      | 19  |
| PX4101001 | 83  | PX4111208 | 95  | C920004.006            | IV84108    | 280 | PX0922341 | 57  | PX2066808 | 231 | PX4040372 | 49  | PX4086394      | 19  |
| PX4101008 | 83  | PX4111215 | 95  | CL920002.001           | PX0759485  | 73  | PX0922344 | 57  | PX2066815 | 231 | PX4040378 | 49  | PX4086395      | 19  |
| PX4101015 | 83  | PX4111222 | 95  | CL920004.001           | PX0759492  | 73  | PX0922347 | 57  | PX2066821 | 233 | PX4040380 | 49  | PX4086396      | 19  |
| PX4101022 | 83  | PX4111229 | 95  | CL921003.004           | PX0901955  | 207 | PX0922350 | 57  | PX2066828 | 231 | PX4041157 | 49  | PX4086397      | 19  |
| PX4101029 | 83  | PX4111236 | 95  | CL921004.004           | PX0901965  | 207 | PX0922353 | 57  | PX2070180 | 119 | PX4041157 | 53  | PX4086831      | 229 |
| PX4101036 | 83  | PX4111243 | 95  | CL923503.001           | PX0907801  | 207 | PX0922356 | 57  | PX3003001 | 139 | PX4041259 | 51  | PX4086837      | 229 |
| PX4101043 | 83  | PX4111250 | 95  | CL923503.002           | PX0907808  | 207 | PX0922405 | 63  | PX3003003 | 195 | PX4043501 | 48  | PX4086861      | 229 |
| PX4101050 | 83  | PX4111257 | 95  | CL923503.003           | PX0907815  | 207 | PX0922410 | 63  | PX3003007 | 199 | PX4043501 | 49  | PX4086868      | 229 |
| PX4101057 | 83  | PX4111264 | 95  | IV160348               | PX0922021  | 48  | PX0922415 | 63  | PX3003009 | 199 | PX4043501 | 51  | PX4086875      | 229 |
| PX4101064 | 83  | PX4111271 | 95  | IV160349               | PX0922021  | 49  | PX0922420 | 63  | PX4010301 | 237 | PX4043508 | 48  | PX4086882      | 229 |
| PX4101071 | 83  | PX4111278 | 95  | IV160821               | PX0922032  | 48  | PX0922425 | 63  | PX4010304 | 237 | PX4043508 | 49  | PX4088911      | 93  |
| PX4101078 | 83  | PX4111285 | 97  | IV1635004              | PX0922032  | 49  | PX0922430 | 63  | PX4022260 | 69  | PX4043508 | 51  | PX4088916      | 93  |
| PX4101085 | 83  | PX4111292 | 97  | IV1635067              | PX0922038  | 48  | PX0922435 | 63  | PX4040301 | 48  | PX4043515 | 48  | PX4088921      | 93  |
| PX4101092 | 83  | PX4111299 | 97  | IV1635101              | PX0922038  | 49  | PX0922435 | 63  | PX4040301 | 49  | PX4043515 | 49  | PX4089260      | 79  |
| PX4101099 | 83  | PX4111306 | 97  | IV1635104              | PX0922043  | 73  | PX1494208 | 173 | PX4040308 | 48  | PX4043515 | 51  | PX4090585      | 235 |
| PX4101106 | 83  | PX4111313 | 97  | IV1636401              | PX0922054  | 73  | PX1903164 | 231 | PX4040310 | 49  | PX4043522 | 48  | PX4090765      | 107 |
| PX4101113 | 83  | PX4111320 | 97  | IV1636467              | PX0922058  | 73  | PX1903171 | 235 | PX4040311 | 49  | PX4043522 | 49  | PX4090768      | 107 |
| PX4101120 | 83  | PX4111327 | 97  | IV1636801              | PX0922077  | 51  | PX2026618 | 239 | PX4040312 | 53  | PX4043522 | 51  | PX4090843      | 55  |
| PX4101127 | 83  | PX4111334 | 97  | IV1636867              | PX0922083  | 51  | PX2026636 | 239 | PX4040313 | 49  | PX4043522 | 259 | PX4090850      | 55  |
| PX4101134 | 83  | PX4111341 | 97  | IV28-0219-79           | PX0922090  | 51  | PX2026636 | 245 | PX4040314 | 49  | PX4043522 | 259 | PX4090857      | 55  |
| PX4101141 | 83  | PX4111348 | 97  | IV28-3138-51           | PX0922097  | 201 | PX2026658 | 239 | PX4040315 | 48  | PX4043522 | 259 | PX4090864      | 55  |
| PX4101148 | 83  | PX4111355 | 97  | IV28-3138-51           | PX0922112  | 73  | PX2026658 | 245 | PX4040315 | 49  | PX4043522 | 259 | PX4090871      | 55  |
| PX4101155 | 83  | PX4111362 | 97  | IV28-3138-51           | PX0922143  | 49  | PX2060443 | 251 | PX4040316 | 51  | PX4043522 | 259 | PX4090878      | 55  |
| PX4101162 | 83  | PX4440001 | 275 | IV28-3140-51           | PX0922149  | 51  | PX2063861 | 247 | PX4040322 | 48  | PX4043522 | 259 | PX4090885      | 55  |
| PX4111001 | 261 | PX4440008 | 275 | IV28-3140-51           | PX0922164  | 57  | PX2063863 | 247 | PX4040322 | 49  | PX4043522 | 259 | PX4090892      | 55  |
| PX4111008 | 261 | PX4440015 | 275 | IV28-3140-51           | PX0922206  | 57  | PX2063864 | 247 | PX4040329 | 48  | PX4043522 | 259 | PX4090899      | 55  |
| PX4111015 | 261 | PX4440022 | 275 | IV28-3141-31           | PX0922227  | 48  | PX2063867 | 247 | PX4040329 | 49  | PX4043522 | 259 | PX4090906      | 55  |
| PX4111022 | 261 | PX4440029 | 275 | IV28-3141-31           | PX0922227  | 49  | PX2063890 | 247 | PX4040336 | 48  | PX4043522 | 259 | PX4111085      | 261 |
| PX4111029 | 261 | PX4440036 | 275 | IV28-3142-51           | PX0922227  | 49  | PX2063893 | 247 | PX4040336 | 49  | PX4043522 | 259 | PX4111092      | 261 |
| PX4111036 | 261 | PX4451001 | 67  | IV7558-00-31           | PX0922248  | 57  | PX2063894 | 247 | PX4040343 | 48  | PX4043522 | 259 | PX4111099      | 261 |
| PX4111043 | 261 | PX4451008 | 67  | IV7618-00-31           | PX0922275  | 57  | PX2063895 | 247 | PX4040349 | 49  | PX4043522 | 259 | PX4111106      | 261 |
| PX4111050 | 261 | PX4451015 | 67  | IV81-04005             | PX0922283  | 57  | PX2063896 | 247 | PX4040350 | 48  | PX4043522 | 259 | TV622490002430 | 239 |
| PX4111057 | 261 | PX4451022 | 67  | IV81-04006             | PX0922285  | 57  | PX2063897 | 247 | PX4040351 | 49  | PX4043522 | 259 |                |     |
| PX4111064 | 261 | PX4451029 | 67  | IV81-04011             | PX0922285  | 57  | PX2063899 | 247 | PX4040357 | 49  | PX4043522 | 259 |                |     |
| PX4111071 | 261 | PX4451036 | 67  | IV81-04019             | PX0922327  | 57  | PX2064144 | 285 | PX4040360 | 49  | PX4043522 | 259 |                |     |
| PX4111078 | 261 |           |     | IV81-04019             | PX0922329  | 57  | PX2066801 | 233 | PX4040366 | 49  | PX4043522 | 259 |                |     |



## ETYKIETY ENERGETYCZNE

Zgodnie z rozporządzeniem UE 874/2012 związanym z etykietowaniem opraw oświetleniowych informujemy, że PXF Lighting jest w pełni przygotowane do przedstawiania informacji o efektywności energetycznej swoich produktów.

W celu zapoznania się z efektywnością zachęcamy do odwiedzenia naszej strony internetowej i kontaktu z Działem Handlowym.

Oprawy na źródła światła LED przedstawione w niniejszym katalogu posiadają efektywności energetyczne na poziomach A+ oraz A.

## EUROPEAN UNION ENERGY LABEL

In accordance with EU Regulation 874/2012 relating to the labeling of luminaires we would like to announce that PXF Lighting is fully prepared to provide information about the energy efficiency of our products.

In order to familiarize yourself with the efficiency we encourage you to visit our website and contact our Export Department.

Luminaires with LED light sources in presented catalog have an energy efficiencies at levels A+ and A.



W skład oprawy  
wchodzi wbudowane  
lampy LED.

Nie można wymieniać  
lamp w oprawie.

PXF LIGHTING

874/2012

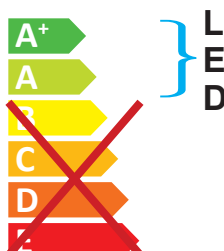


This luminaire  
contains built-in  
LED lamps.

The lamps cannot be changed  
in the luminaire.

PXF LIGHTING

874/2012

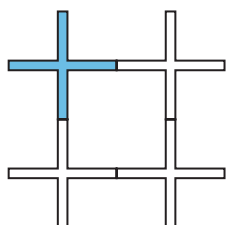


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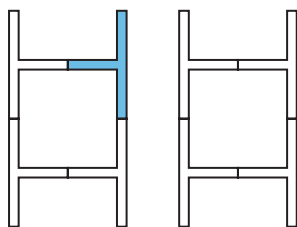




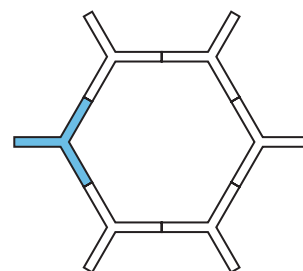
## SIGMA II LED LIGHTING SYSTEM



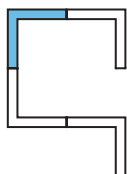
SIGMA II CORNER X LED



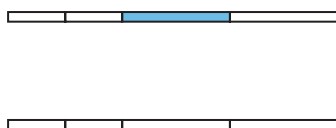
SIGMA II CORNER T LED



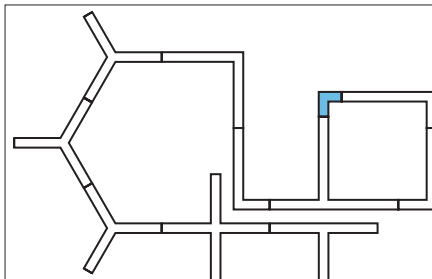
SIGMA II CORNER Y LED



SIGMA II CORNER LED

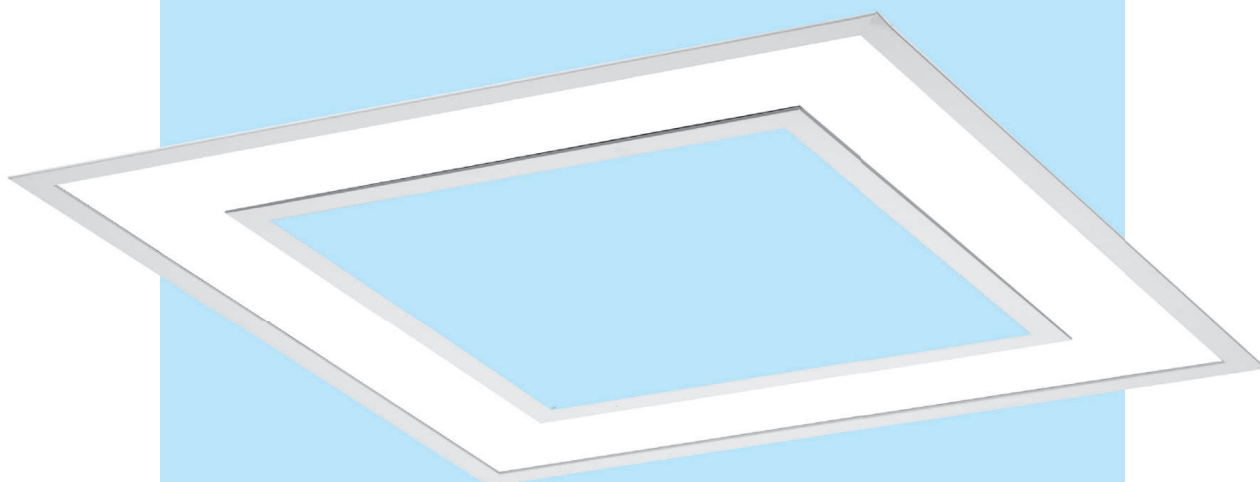


SIGMA II LED



SIGMA II LED SYSTEM





## SQUARE LED

**Wykonanie:** ramka z profilu aluminiowego oraz obudowa z blachy stalowej ocynkowanej malowanej elektrostycznie w kolorze białym. Klosz z płyty OPAL z PMMA.

Uwaga: w wersjach wpuszczanych centralnie umieszczony panel sufitowy nie wchodzi w zakres zamówienia, należy go wykonać z płyty montowanego stropu.

**Montaż:** w sufitach podwieszanych 600x600 o widocznej konstrukcji nośnej, G/K, nastropowy

**Zasilanie:** 220 V - 240 V

**Materials:** frame of aluminum profile; body of galvanized steel sheet, powder painted in white colour; OPAL diffuser of PMMA. Attention: in recessed versions centrally mounted ceiling panel is not part of a luminaire. It should be made of original ceiling panel.

**Installation:** into modular ceiling 600x600 with a visible supported structure, into plaster-cardboard ceiling or surface mounted

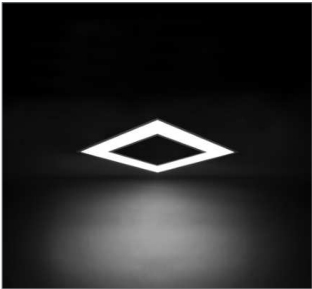
**Power supply:** 220 V - 240 V

# SQUARE LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO         | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|--------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO         | CODE      |
| 38 W  | LED 3000 K | 4280 lm                      | 112 lm/W                | 5,5  |        | 600x600; G/K | PX4059501 |
| 38 W  | LED 4000 K | 4370 lm                      | 115 lm/W                | 5,5  |        | 600x600; G/K | PX4059508 |
| 38 W  | LED 3000 K | 4280 lm                      | 112 lm/W                | 6,9  |        | NT           | PX4059515 |
| 38 W  | LED 4000 K | 4370 lm                      | 115 lm/W                | 6,9  |        | NT           | PX4059522 |



SQUARE LED G/K



SQUARE LED NT



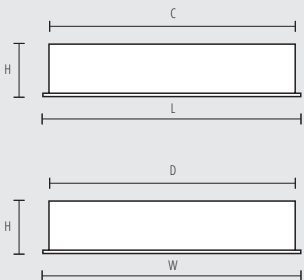
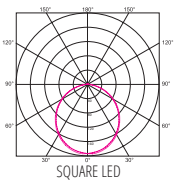
Biurowiec  
An office building



Biurowiec  
An office building

## WYMIARY DIMENSIONS

| MOC         | L    | W    | H    | C    | D    |
|-------------|------|------|------|------|------|
| POWER       | [mm] | [mm] | [mm] | [mm] | [mm] |
| 38 W LED    | 595  | 595  | 75   | 585  | 585  |
| 38 W LED NT | 595  | 595  | 75   | -    | -    |





47 W

118 W

167 W



## STREAM LED

**Wykonanie:** obudowa wykonana z odlewu aluminium malowana lakierem proszkowym termoutwardzalnym. Szyba hartowana.

**Montaż:** naścienny i do podłoża (uchwyt mocujący w komplecie), na słupie (uchwyt jako akcesorium)

**Akcesoria:** uchwyt do słupa

**Zasilanie:** 220 V - 240 V

**Materials:** die cast aluminium body painted with thermosetting paint. Tempered glass protection.

**Installation:** wall-, floor- (installation bracket included) or pole-mounted (pole adapter ordered separately)

**Accessories:** pole adapter

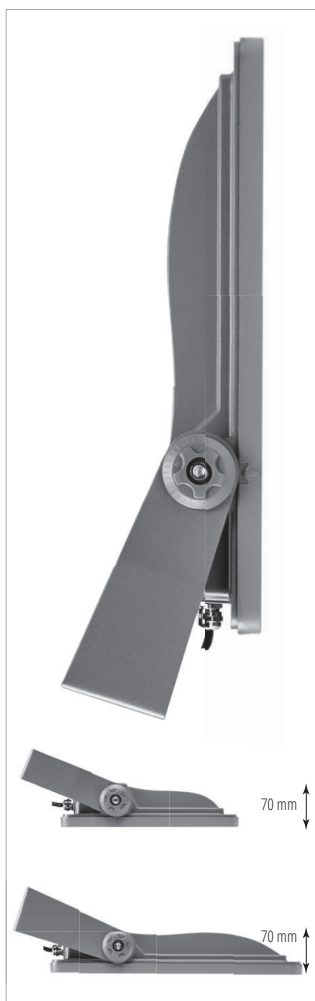
**Power supply:** 220 V - 240 V

## STREAM LED

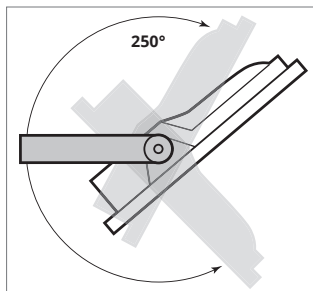


L70 B10 &gt;55 000h • CRI 80

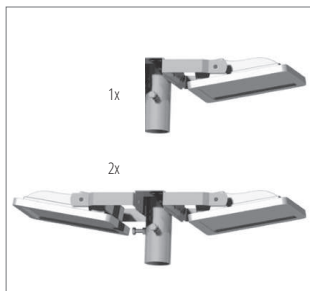
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE      |
| 47 W  | LED 4000 K | 4550 lm                      | 97 lm/W                 | 3,0  | ■      | AS   | PX2064057 |
| 118 W | LED 4000 K | 11750 lm                     | 100 lm/W                | 4,5  | ■      | AS   | PX2064130 |
| 167 W | LED 4000 K | 16750 lm                     | 100 lm/W                | 7,0  | ■      | AS   | PX2064131 |
| 47 W  | LED 4000 K | 4750 lm                      | 101 lm/W                | 4,5  | ■      | SM   | PX2064133 |
| 118 W | LED 4000 K | 12200 lm                     | 103 lm/W                | 4,5  | ■      | SM   | PX2064141 |
| 167 W | LED 4000 K | 17500 lm                     | 105 lm/W                | 7,0  | ■      | SM   | PX2064142 |



Korpus oprawy wykonany z odlewu aluminium - zaledwie 70 mm  
STREAM LED has a body made of die cast aluminium - only 70 mm



Regulacja 250°  
Adjustment 250°



Adapter do słupa  
Pole adapter



Oświetlanie boisk, basenów, parkingów i placów manewrowych  
Perfect for lighting sports fields, swimming pools, car parks and manoeuvring areas



#### AKCESORIA ACCESSORIES

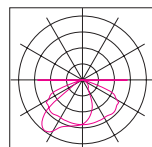
##### Uchwyt do słupa Pole adapter

| [kg] | KOLOR  | KOD       | INFO  |
|------|--------|-----------|-------|
| [kg] | COLOUR | CODE      | INFO  |
| 3,00 | ■      | PX2064144 | 1x/2x |

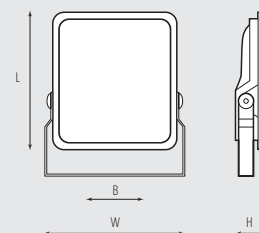
Uniwersalny pojedynczy lub podwójny uchwyt do słupa o średnicy wewnętrznej  $\Phi = 62$  mm  
Universal single or double pole adapter - internal diameter  $\Phi = 62$  mm

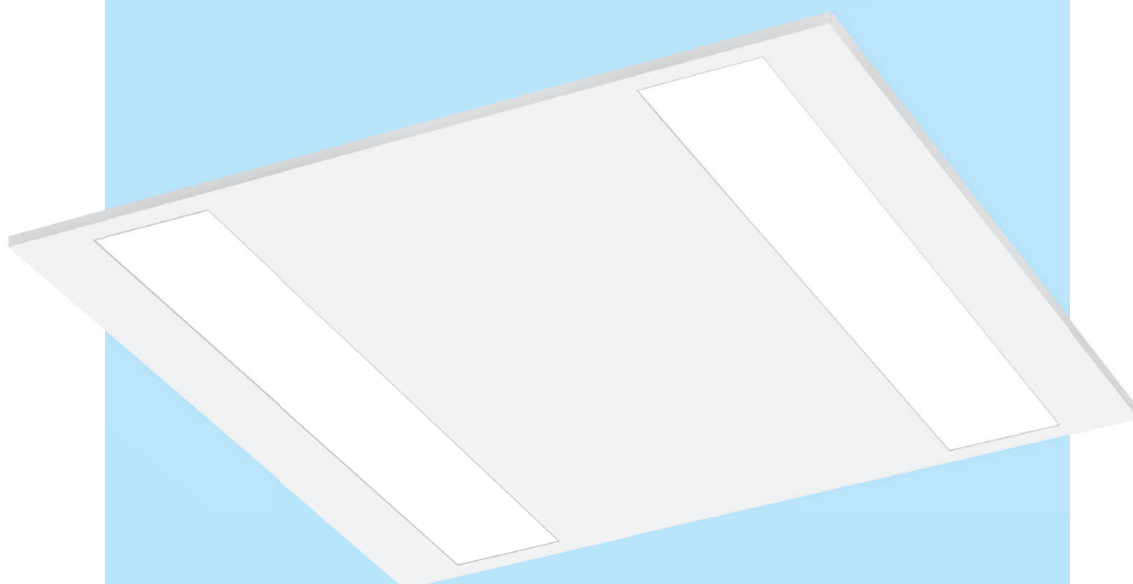
#### WYMIARY DIMENSIONS

| MOC   | L    | W    | H    | B    |
|-------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] |
| 47 W  | 275  | 245  | 70   | 160  |
| 118 W | 385  | 285  | 70   | 170  |
| 167 W | 425  | 323  | 70   | 180  |



STREAM LED





## SUN LED

**Wykonanie:** obudowa z blachy stalowej malowana elektrostatycznie (w standardzie kolor biały). Istnieje możliwość malowania na dowolny kolor z palety RAL. Płyta mikropryzmatyczna MPRM.

**Montaż:** sufit podwieszany o widocznej konstrukcji nośnej, G/K, zwieszany, nastropowy

**Akcesoria:** ramka G/K do wersji 600x600

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of steel, electrostatically painted in white (standard colour) with all other RAL colours available. Microprismatic diffuser (MPRM).

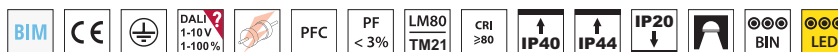
**Installation:** in the modular ceiling with visible grid, or into plaster-cardboard ceiling, suspended, surface mounted

**Accessories:** plaster-cardboard frame to 600x600 version

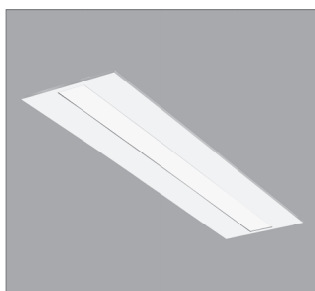
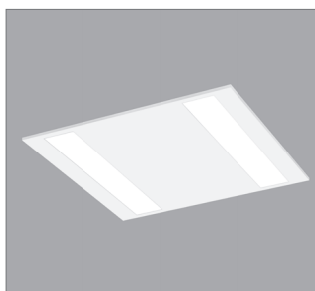
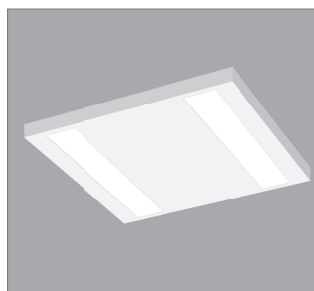
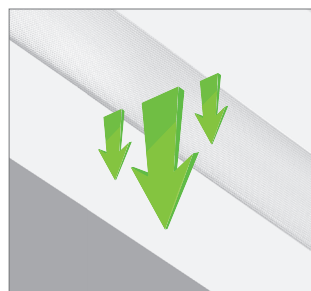
**Power supply:** 220 V - 240 V



## SUN LED



L80 B10 &gt;54 000h • SDCM3 • LLMF 85% • CRI 84

Wersja 1x  
Version 1xWersja 2x  
Version 2xWersja NT 1x  
Version NT 1xWersja NT 2x  
Version NT 2xKlosz MPRM, wysokie parametry świetlne oprawy  
MPRM diffuser, great light distribution parametersWysokiej jakości zasilacze z zabezpieczeniami przeciążeniowymi,  
przeciwzwarciowymi i termicznymi  
The luminaire uses high-quality system that prevents overload, overheat  
and short circuits.

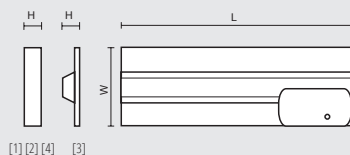
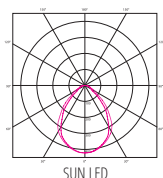
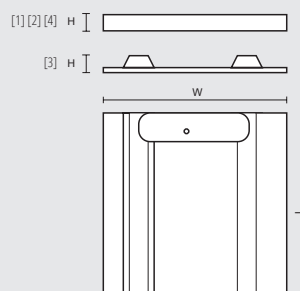
| WERSJA                                 | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | IP           | KOD       |
|----------------------------------------|-------|------------|------------------------------|-------------------------|------|--------|------|--------------|-----------|
| VERSION                                | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | IP           | CODE      |
| 2x [3]<br>600x600                      | 30 W  | LED 3000 K | 3610 lm                      | 120 lm/W                | 4,3  | □      | MPRM | IP44         | PX2065501 |
|                                        | 30 W  | LED 4000 K | 3680 lm                      | 123 lm/W                | 4,3  | □      | MPRM |              | PX2065508 |
| 1x [3]<br>1200x300                     | 30 W  | LED 3000 K | 3670 lm                      | 122 lm/W                | 4,4  | □      | MPRM |              | PX2065515 |
|                                        | 30 W  | LED 4000 K | 3760 lm                      | 125 lm/W                | 4,4  | □      | MPRM |              | PX2065522 |
| 2x [1] 600x600<br>ZWIESZANY SUSPENDED  | 30 W  | LED 3000 K | 3610 lm                      | 120 lm/W                | 4,3  | □      | MPRM | IP40         | PX2065529 |
|                                        | 30 W  | LED 4000 K | 3680 lm                      | 123 lm/W                | 4,3  | □      | MPRM |              | PX2065536 |
| 1x [1] 1200x300<br>ZWIESZANY SUSPENDED | 30 W  | LED 3000 K | 3670 lm                      | 122 lm/W                | 4,4  | □      | MPRM |              | PX2065543 |
|                                        | 30 W  | LED 4000 K | 3760 lm                      | 125 lm/W                | 4,4  | □      | MPRM |              | PX2065550 |
| 2x [2]<br>NT 623x623                   | 30 W  | LED 3000 K | 3610 lm                      | 120 lm/W                | 7,4  | □      | MPRM | IP40         | PX2065669 |
|                                        | 30 W  | LED 4000 K | 3680 lm                      | 123 lm/W                | 7,4  | □      | MPRM |              | PX2065676 |
| 1x [2]<br>NT 1225x300                  | 30 W  | LED 3000 K | 3670 lm                      | 122 lm/W                | 7,4  | □      | MPRM |              | PX2065683 |
|                                        | 30 W  | LED 4000 K | 3760 lm                      | 125 lm/W                | 7,4  | □      | MPRM |              | PX2065690 |
| 2x [4]<br>G/K 621x621                  | 30 W  | LED 3000 K | 3610 lm                      | 120 lm/W                | 5,0  | □      | MPRM | IP20<br>IP44 | PX2065901 |
|                                        | 30 W  | LED 4000 K | 3680 lm                      | 123 lm/W                | 5,0  | □      | MPRM |              | PX2065908 |
| 1x [4]<br>G/K 1245x310                 | 30 W  | LED 3000 K | 3670 lm                      | 122 lm/W                | 5,3  | □      | MPRM |              | PX2065915 |
|                                        | 30 W  | LED 4000 K | 3760 lm                      | 125 lm/W                | 5,3  | □      | MPRM |              | PX2065922 |

Dla wersji zwieszanej akcesoria do zawieszenia w komplecie  
Suspended version - suspension in setWersja z możliwością skokowej zmiany strumienia świetlnego  
- na zapytanie  
Version with the possibility of abrupt change of the lighting  
stream on requestAKCESORIA  
ACCESSORIESRamka G/K do 600x600 [1]  
Plaster-cardboard frame  
to 600x600 version [1]

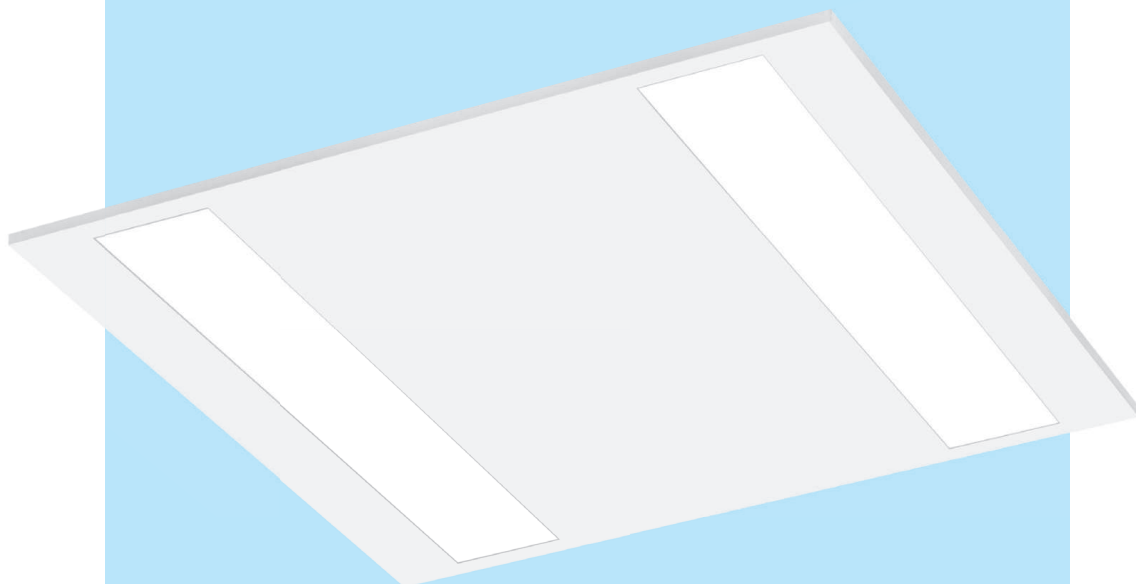
| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,50 | □      | PX2070180 |

Otwór montażowy 610x610  
Mounting hole 610x610Do oprawy dostępne są modele BIM  
BIM files are available for this productWYMIARY  
DIMENSIONS

- [1] Wersja zwieszana IP40  
Suspended version IP40
- [2] Wersja natynkowa NT IP40  
Surface mounted version IP40
- [3] Wersja do sufitów podwieszanych IP44  
Modular ceiling version IP44
- [4] Wersja do sufitów podwieszanych G/K  
Version for plaster-cardboard ceiling



| MOC                                    | L    | W    | H    |
|----------------------------------------|------|------|------|
| POWER                                  | [mm] | [mm] | [mm] |
| 2x [3]<br>600x600                      | 596  | 596  | 47   |
| 1x [3]<br>1200x300                     | 1196 | 296  | 47   |
| 2x [1] 600x600<br>ZWIESZANY SUSPENDED  | 596  | 596  | 60   |
| 1x [1] 1200x300<br>ZWIESZANY SUSPENDED | 1196 | 296  | 60   |
| 2x [2]<br>NT 623x623                   | 623  | 623  | 60   |
| 1x [2]<br>NT 1225x300                  | 1225 | 300  | 60   |
| 2x [4]<br>G/K 621x621                  | 621  | 621  | 57   |
| 1x [4]<br>G/K 1245x310                 | 1245 | 310  | 57   |



## SUN LED TW

### TUNABLE WHITE

**Wykonanie:** obudowa z blachy stalowej malowana elektrolitycznie (w standardzie kolor biały). Istnieje możliwość malowania na dowolny kolor z palety RAL. Płyta mikropryzmatyczna MPRM.

**Montaż:** sufit podwieszany o widocznej konstrukcji nośnej, G/K, zwieszany, nastropowy

**Akcesoria:** ramka G/K do wersji 600x600

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of steel, electrostatically painted in white (standard colour) with all other RAL colours available. Microprismatic diffuser (MPRM).

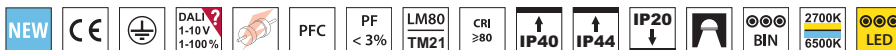
**Installation:** in the modular ceiling with visible grid, or into plaster-cardboard ceiling, suspended, surface mounted

**Accessories:** plaster-cardboard frame to 600x600 version

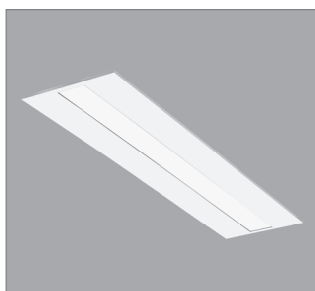
**Power supply:** 220 V - 240 V

# TUNABLE WHITE SUN LED TW

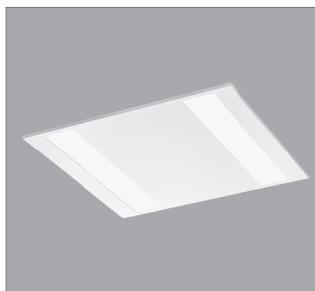
NOWOŚĆ



L80 B10 >54 000h • SDCM3 • LLMF 85% • CRI 84



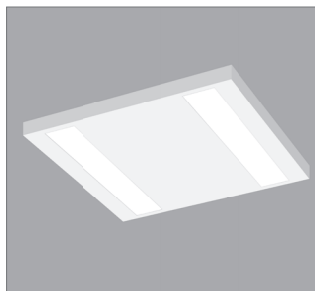
Wersja 1x  
Version 1x



Wersja 2x  
Version 2x

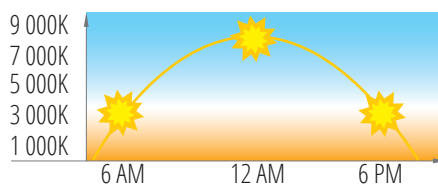


Wersja NT 1x  
Version NT 1x



Wersja NT 2x  
Version NT 2x

TEMPERATURA BARWOWA  
COLOUR TEMPERATURE



REGULACJA TUNABLE WHITE  
ADJUSTMENT

+ / - ^ v

|        |
|--------|
| 6 500K |
| 6 000K |
| 5 000K |
| 4 000K |
| 3 500K |
| 3 000K |
| 2 700K |

Dla wersji zwieszanej akcesoria do zawieszenia w komplecie  
Suspended version - suspension in set

Wersja z możliwością skokowej zmiany strumienia świetlnego  
- na zapytanie  
Version with the possibility of abrupt change of the lighting  
stream on request

AKCESORIA  
ACCESSORIES

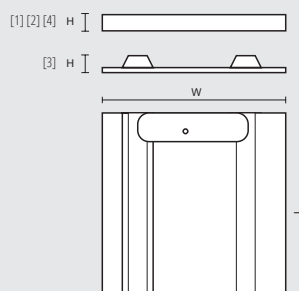
Ramka G/K do 600x600 [1]  
Plaster-cardboard frame  
to 600x600 version [1]

| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,50 |        | PX2070180 |

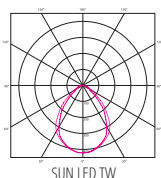
Otwór montażowy 610x610  
Mounting hole 610x610

WYMIARY  
DIMENSIONS

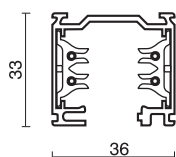
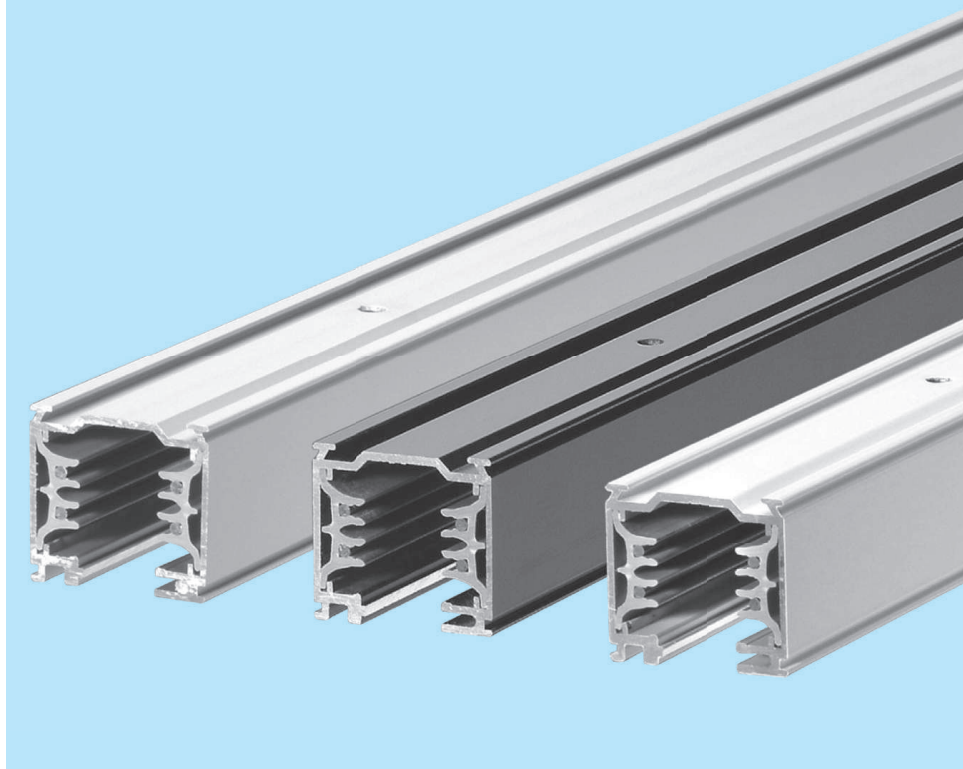
- [1] Wersja zwieszana IP40  
Suspended version IP40
- [2] Wersja natynkowa NT IP40  
Surface mounted version IP40
- [3] Wersja do sufitów podwieszanych IP44  
Modular ceiling version IP44
- [4] Wersja do sufitów podwieszanych G/K  
Version for plaster-cardboard ceiling



| MOC                                    | L    | W    | H    |
|----------------------------------------|------|------|------|
| POWER                                  | [mm] | [mm] | [mm] |
| 2x [3]<br>600x600                      | 596  | 596  | 47   |
| 1x [3]<br>1200x300                     | 1196 | 296  | 47   |
| 2x [1] 600x600<br>ZWIESZANY SUSPENDED  | 596  | 596  | 60   |
| 1x [1] 1200x300<br>ZWIESZANY SUSPENDED | 1196 | 296  | 60   |
| 2x [2]<br>NT 623x623                   | 623  | 623  | 60   |
| 1x [2]<br>NT 1225x300                  | 1225 | 300  | 60   |
| 2x [4]<br>G/K 621x621                  | 621  | 621  | 57   |
| 1x [4]<br>G/K 1245x310                 | 1245 | 310  | 57   |



SUN LED TW



| DŁUGOŚĆ | [kg] | KOLOR  | KOD          |
|---------|------|--------|--------------|
| LENGTH  | [kg] | COLOUR | CODE         |
| 1 m     | 1,20 | □      | IV7511-10-31 |
| 2 m     | 2,50 | □      | IV7511-20-31 |
| 3 m     | 4,00 | □      | IV7511-30-31 |
| 4 m     | 5,35 | □      | IV7511-40-31 |
| 1 m     | 1,20 | ■      | IV7511-10-30 |
| 2 m     | 2,50 | ■      | IV7511-20-30 |
| 3 m     | 4,00 | ■      | IV7511-30-30 |
| 4 m     | 5,35 | ■      | IV7511-40-30 |
| 1 m     | 1,20 | ■      | IV7511-10-42 |
| 2 m     | 2,50 | ■      | IV7511-20-42 |
| 3 m     | 4,00 | ■      | IV7511-30-42 |
| 4 m     | 5,35 | ■      | IV7511-40-42 |

## SZYNOPRZEWÓD

### 3 - FAZOWY KWADRATOWY

Szynoprzewody 3 fazowe kwadratowe do zasilania opraw wyposażonych w adaptory.

Trzy niezależne obwody o długotrwałej obciążalności prądowej 16A każdy.

Szynoprzewód 3-fazowy w wersji owalnej na zapytanie

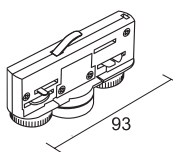
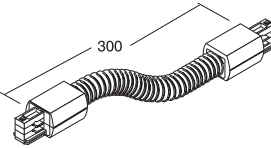
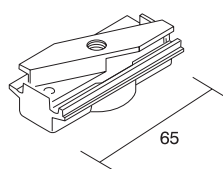
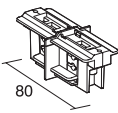
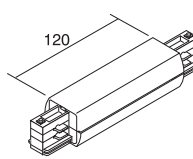
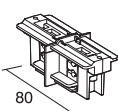
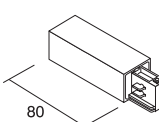
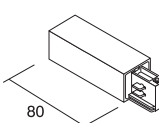
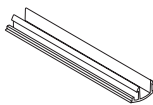
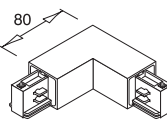
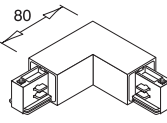
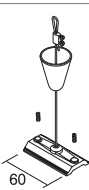
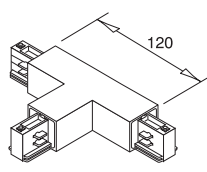
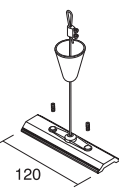
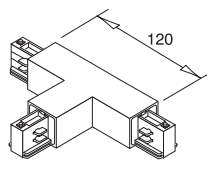
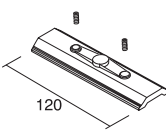
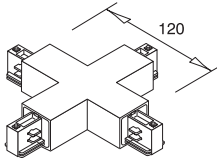
### 3 - PHASE SQUARE ELECTRICAL TRACK

3-phase square electrical track to power the lighting luminaires equipped with adaptors.

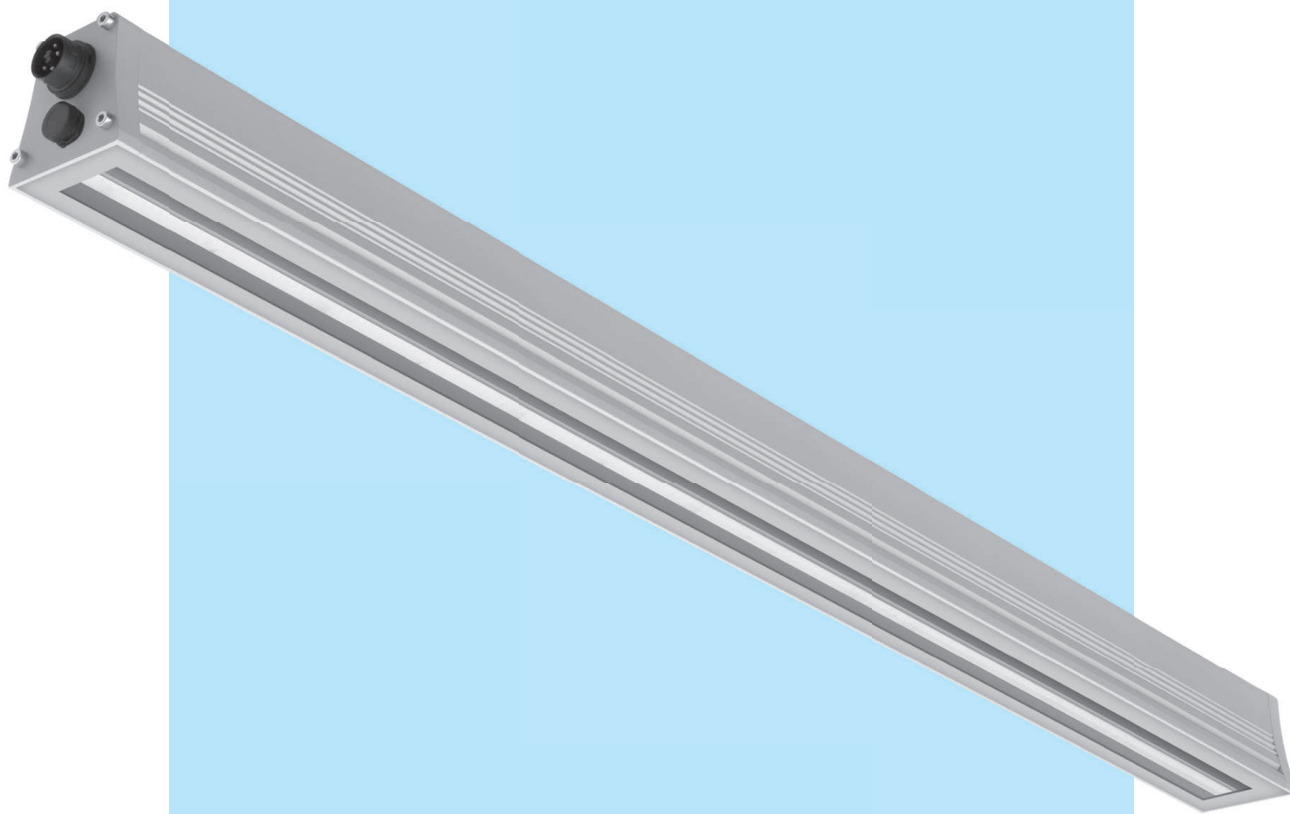
Three different circuits allow the overall load of 16A for each circuit.

3-phase oval electrical track on request

AKCESORIA  
ACCESSORIES

| AKCESORIA<br>ACCESSORIES                                                            |                                                     | [kg]<br>[kg] | KOLOR<br>COLOUR                     | KOD<br>CODE   | [kg]<br>[kg]                                                                         | KOLOR<br>COLOUR | KOD<br>CODE                         |                |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|--------------|-------------------------------------|---------------|--------------------------------------------------------------------------------------|-----------------|-------------------------------------|----------------|
|    | Adaptor elektryczny (6A)<br>Electrical adaptor (6A) | 0,07         | <input type="checkbox"/>            | IV7600-00-31  |    | 0,30            | <input type="checkbox"/>            | IV7658-10-W31  |
|                                                                                     |                                                     | 0,07         | <input checked="" type="checkbox"/> | IV7600-00-30  |                                                                                      | 0,30            | <input checked="" type="checkbox"/> | IV7658-10-W30  |
|                                                                                     |                                                     | 0,07         | <input checked="" type="checkbox"/> | IV7600-00-20  |                                                                                      | 0,30            | <input checked="" type="checkbox"/> | IV7658-10-W20  |
|    | Adaptor mechaniczny<br>Mechanical adaptor           | 0,08         | <input type="checkbox"/>            | IV7625-00-31  |    | 0,35            | <input type="checkbox"/>            | IV7654-10-W31  |
|                                                                                     |                                                     | 0,08         | <input checked="" type="checkbox"/> | IV7625-00-30  |                                                                                      | 0,35            | <input checked="" type="checkbox"/> | IV7654-10-W30  |
|    | Zasilanie centralne<br>Central connecotr            | 0,19         | <input type="checkbox"/>            | IV7653-10-W31 |    | 0,35            | <input type="checkbox"/>            | IV7604Q-10-W31 |
|                                                                                     |                                                     | 0,19         | <input checked="" type="checkbox"/> | IV7653-10-W30 |                                                                                      | 0,35            | <input checked="" type="checkbox"/> | IV7604Q-10-W30 |
|                                                                                     |                                                     | 0,19         | <input checked="" type="checkbox"/> | IV7653-10-W20 |                                                                                      |                 |                                     |                |
|    | Końcówka zasilająca prawa<br>Right live end cap     | 0,10         | <input type="checkbox"/>            | IV7652-10-W31 |     | 0,01            | <input type="checkbox"/>            | IV7659-00-W31  |
|                                                                                     |                                                     | 0,10         | <input checked="" type="checkbox"/> | IV7652-10-W30 |                                                                                      | 0,01            | <input checked="" type="checkbox"/> | IV7659-00-W30  |
|                                                                                     |                                                     | 0,10         | <input checked="" type="checkbox"/> | IV7652-10-W20 |                                                                                      | 0,01            | <input checked="" type="checkbox"/> | IV7659-00-W20  |
|  | Końcówka zasilająca lewa<br>Left live end cap       | 0,10         | <input type="checkbox"/>            | IV7652-11-W31 |  | 0,07            | <input type="checkbox"/>            | IV7624-00-31   |
|                                                                                     |                                                     | 0,10         | <input checked="" type="checkbox"/> | IV7652-11-W30 |                                                                                      | 0,07            | <input checked="" type="checkbox"/> | IV7624-00-30   |
|                                                                                     |                                                     | 0,10         | <input checked="" type="checkbox"/> | IV7652-11-W20 |                                                                                      |                 |                                     |                |
|  | Łącznik 90° wewnętrzny<br>Inside 90° joint          | 0,18         | <input type="checkbox"/>            | IV7655-10-W31 |   | 0,02            |                                     | IV7607-00-00   |
|                                                                                     |                                                     | 0,18         | <input checked="" type="checkbox"/> | IV7655-10-W30 |                                                                                      |                 |                                     |                |
|                                                                                     |                                                     | 0,18         | <input checked="" type="checkbox"/> | IV7655-10-W20 |                                                                                      |                 |                                     |                |
|  | Łącznik 90° zewnętrzny<br>Outside 90° joint         | 0,18         | <input type="checkbox"/>            | IV7655-11-W31 |   | 0,07            | <input type="checkbox"/>            | IV7606-00-31   |
|                                                                                     |                                                     | 0,18         | <input checked="" type="checkbox"/> | IV7655-11-W30 |                                                                                      | 0,07            | <input checked="" type="checkbox"/> | IV7606-00-30   |
|                                                                                     |                                                     | 0,18         | <input checked="" type="checkbox"/> | IV7655-11-W20 |                                                                                      |                 |                                     |                |
|  | Łącznik T prawy<br>Right T joint                    | 0,30         | <input type="checkbox"/>            | IV7656-10-W31 |  | 0,10            | <input type="checkbox"/>            | IV7606-05-31   |
|                                                                                     |                                                     | 0,30         | <input checked="" type="checkbox"/> | IV7656-10-W30 |                                                                                      | 0,10            | <input checked="" type="checkbox"/> | IV7606-05-30   |
|                                                                                     |                                                     | 0,30         | <input checked="" type="checkbox"/> | IV7656-10-W20 |                                                                                      |                 |                                     |                |
|  | Łącznik T lewy<br>Left T joint                      | 0,30         | <input type="checkbox"/>            | IV7656-11-W31 |  | 0,02            |                                     | IV7606-04-00   |
|                                                                                     |                                                     | 0,30         | <input checked="" type="checkbox"/> | IV7656-11-W30 |                                                                                      |                 |                                     |                |
|                                                                                     |                                                     | 0,30         | <input checked="" type="checkbox"/> | IV7656-11-W20 |                                                                                      |                 |                                     |                |
|  | Łącznik krzyżowy<br>Cross joint                     | 0,35         | <input type="checkbox"/>            | IV7657-10-W31 |                                                                                      |                 |                                     |                |
|                                                                                     |                                                     | 0,35         | <input checked="" type="checkbox"/> | IV7657-10-W30 |                                                                                      |                 |                                     |                |
|                                                                                     |                                                     | 0,35         | <input checked="" type="checkbox"/> | IV7657-10-W20 |                                                                                      |                 |                                     |                |





## TITAN LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary). Możliwość lakierowania na dowolny kolor z palety RAL. Szyba hartowana przezroczysta. Okablowanie przebiegowe na zapytanie. Oprawa posiada element do redukowania zjawiska kondensatu pary wodnej przez wyrównanie ciśnienia.

**Montaż:** zwieszany, nastropowy

**Akcesoria:** uchwyty do montażu naściennego

**Zasilanie:** 220 V - 240 V

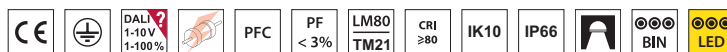
**Materials:** electrostatically painted aluminium housing (grey colour in standard). Possibility of painting in any colour from RAL palette. Transparent tempered glass. Through wiring on request. Element for the reduction of condensation by pressure compensation in power distribution systems.

**Installation:** suspended, surface mounted

**Accessories:** brackets for wall mounting

**Power supply:** 220 V - 240 V

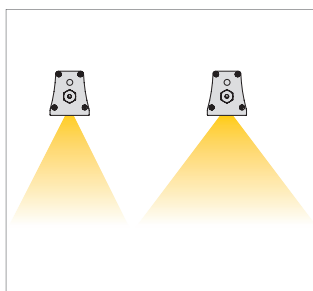
# TITAN LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Szyba hartowana  
Tempered glass



Dwa kąty rozsyłu: 45° i 65°  
Two light beam: 45° and 65°



Szybkołączka zasilająca IP68 w komplecie  
Power point IP68 in set

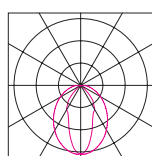


Element do redukowania zjawiska kondensatu pary wodnej przez wyrównanie ciśnienia.  
Element for the reduction of condensation by pressure compensation in power distribution systems.

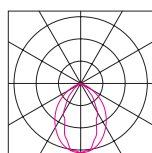
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | [mm] | CODE      |
| 42 W  | LED 3000 K | 6320 lm                      | 150 lm/W                | 2,5  |        | 45°  | PX4090501 |
| 42 W  | LED 4000 K | 6510 lm                      | 155 lm/W                | 2,5  |        | 45°  | PX4090508 |
| 42 W  | LED 3000 K | 6150 lm                      | 146 lm/W                | 2,5  |        | 65°  | PX4090515 |
| 42 W  | LED 4000 K | 6340 lm                      | 151 lm/W                | 2,5  |        | 65°  | PX4090522 |
| 81 W  | LED 3000 K | 12640 lm                     | 156 lm/W                | 4,2  |        | 45°  | PX4090529 |
| 81 W  | LED 4000 K | 13030 lm                     | 161 lm/W                | 4,2  |        | 45°  | PX4090536 |
| 81 W  | LED 3000 K | 12300 lm                     | 152 lm/W                | 4,2  |        | 65°  | PX4090543 |
| 81 W  | LED 4000 K | 12680 lm                     | 157 lm/W                | 4,2  |        | 65°  | PX4090550 |
| 121 W | LED 3000 K | 18960 lm                     | 157 lm/W                | 6,0  |        | 45°  | PX4090557 |
| 121 W | LED 4000 K | 19540 lm                     | 161 lm/W                | 6,0  |        | 45°  | PX4090564 |
| 121 W | LED 3000 K | 18450 lm                     | 152 lm/W                | 6,0  |        | 65°  | PX4090571 |
| 121 W | LED 4000 K | 19020 lm                     | 157 lm/W                | 6,0  |        | 65°  | PX4090578 |

Zakres temperatury pracy oprawy od -20°C do +40°C  
Suitable to work in temperatures from -20°C to +40°C

## AKCESORIA ACCESSORIES



TITAN LED 45°



TITAN LED 65°

Uchwyty do montażu  
naściennego  
Brackets for all mounting

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

0,10 ■ PX4090585 Komplet 2szt. Set 2 pcs.

Łącznik S  
S joint

0,50 □ PX1903164

Łańcuszek  
Chain

0,10/m □ PX1903171 L = 1 m

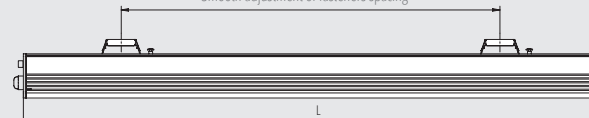
Na zapytanie - okablowanie przelotowe  
On request - through wiring

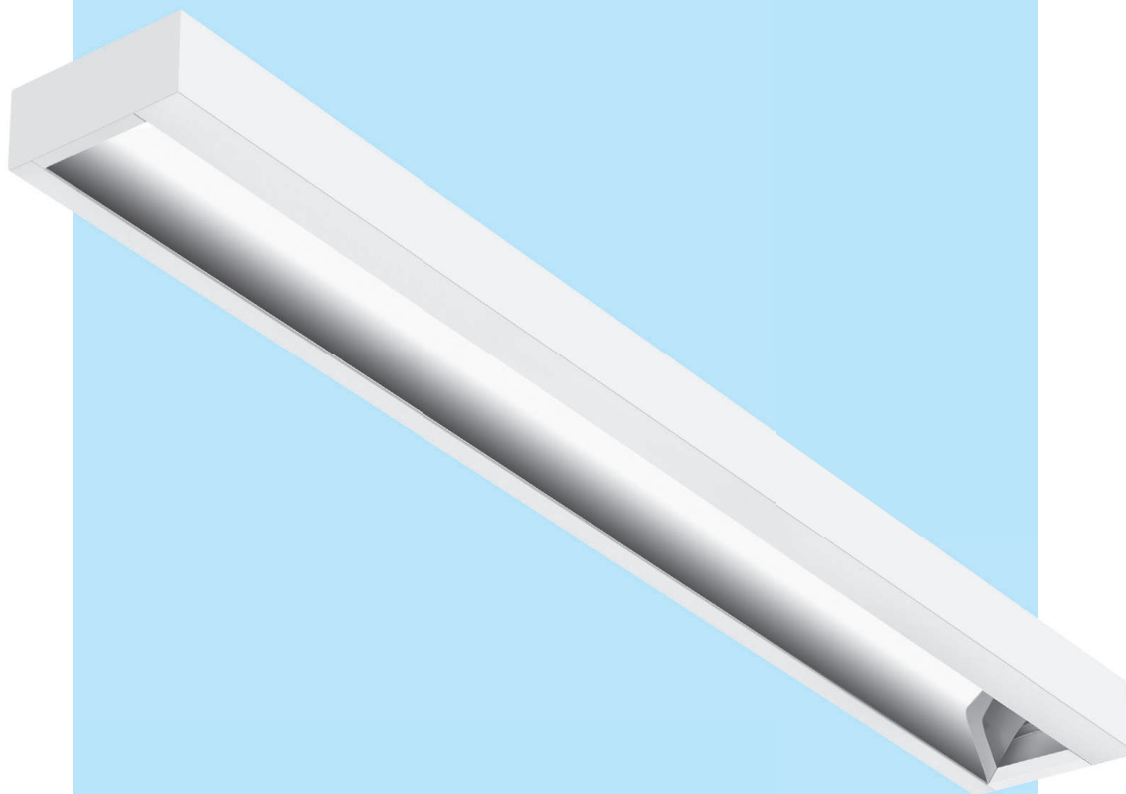
## WYMIARY DIMENSIONS

| MOC   | L    | W    | H    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 42 W  | 600  | 64   | 64   |
| 81 W  | 1160 | 64   | 64   |
| 121 W | 1720 | 64   | 64   |



Płynna regulacja rozstawu mocowań  
Smooth adjustment of fasteners spacing





## TORINO AS LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrolitycznie na kolor biały. Odbłyśnik asymetryczny z anodyzowanego polerowanego aluminium

**Montaż:** nastrogowy

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of electrostatically painted steel sheets (standard colour: white), asymmetric reflector of polished and anodized aluminum

**Installation:** surface mounted

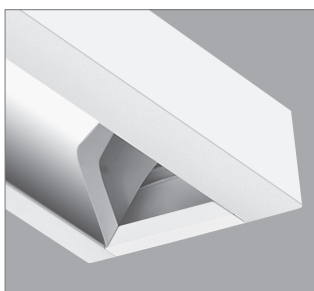
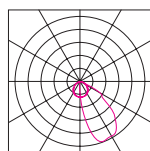
**Power supply:** 220 V - 240 V

## TORINO AS LED

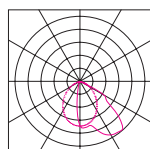


L80 B10 &gt;54 000h • SDCM 3 • LLMF 86% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 17 W  | LED 3000 K | 1580 lm                      | 92 lm/W                 | 1,8  | ☐      | PX4087201 |
| 17 W  | LED 4000 K | 1600 lm                      | 94 lm/W                 | 1,8  | ☐      | PX4087208 |
| 32 W  | LED 3000 K | 3280 lm                      | 102 lm/W                | 3,4  | ☐      | PX4087215 |
| 32 W  | LED 4000 K | 3350 lm                      | 104 lm/W                | 3,4  | ☐      | PX4087222 |

Odbłyśnik asymetryczny  
Asymmetric reflectorRozsył asymetryczny  
Asymmetric light distributionRozsył asymetryczny  
Asymmetric light distribution

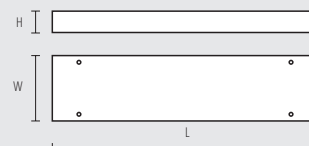
TORINO AS LED 610 mm

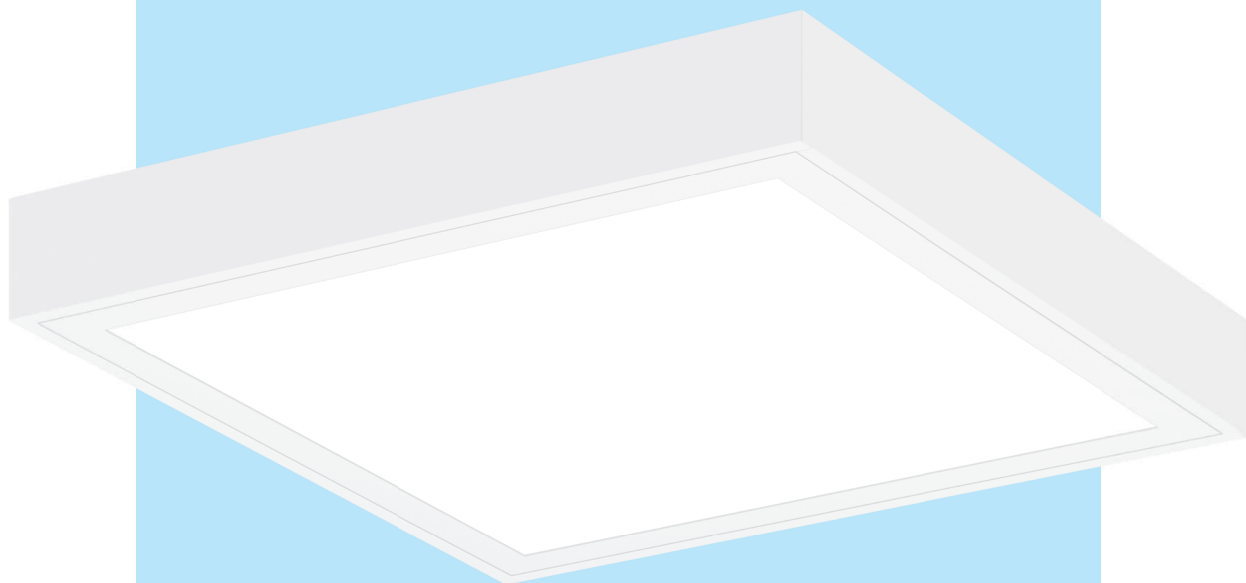


TORINO AS LED 1170 mm

WYMIARY  
DIMENSIONS

| MOC      | L    | W    | H    |
|----------|------|------|------|
| POWER    | [mm] | [mm] | [mm] |
| 17 W LED | 610  | 172  | 80   |
| 32 W LED | 1170 | 172  | 80   |





## TORINO CLEAN IP65 LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie (w standardzie kolor biały), klosz mikropryzmatyczny (MPRM) z PMMA, klosz OPAL z PMMA, szyba hartowana (SH MAT), raster paraboliczny (PAR). Oprawa malowana elektrostatycznie lakierem proszkowym antybakteryjnym z jonami srebra.

**Montaż:** nastropowy

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted housing made of galvanized steel sheets (standard colour: white), microprismatic diffuser (MPRM) made of PMMA, OPAL diffuser made of PMMA, tempered glass (SH MAT), parabolic (PAR) louver. Luminaire treated with a special antibacterial powder coat with active silver ions.

**Installation:** ceiling mounted

**Power supply:** 220 V - 240 V



## TORINO CLEAN IP65 LED

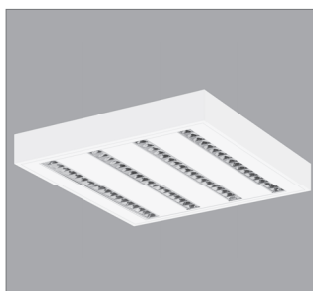
NOWOŚĆ



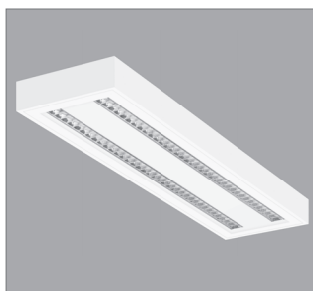
L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



TORINO CLEAR IP65 LED OPAL



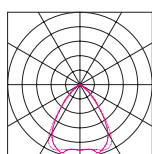
TORINO CLEAR IP65 LED PAR



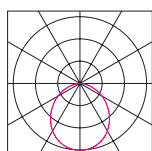
TORINO CLEAR IP65 LED PAR 300x1200

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]  | KOLOR  | INFO            | KOD       |
|-------|------------|------------------------------|-------------------------|-------|--------|-----------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]  | COLOUR | INFO            | CODE      |
| 43 W  | LED 3000 K | 4950 lm                      | 7170 lm/W               | 6,80  | □      | OPAL 600x600    | PX3751001 |
| 43 W  | LED 4000 K | 5100 lm                      | 7390 lm/W               | 6,80  | □      | OPAL 600x600    | PX3751008 |
| 43 W  | LED 3000 K | 4760 lm                      | 6900 lm/W               | 7,90  | □      | OPAL 300x1200   | PX3751015 |
| 43 W  | LED 4000 K | 4910 lm                      | 7120 lm/W               | 7,90  | □      | OPAL 300x1200   | PX3751022 |
| 100 W | LED 3000 K | 11130 lm                     | 16130 lm/W              | 9,00  | □      | OPAL 600x600    | PX3751029 |
| 100 W | LED 4000 K | 11470 lm                     | 16620 lm/W              | 9,00  | □      | OPAL 600x600    | PX3751036 |
| 43 W  | LED 3000 K | 6100 lm                      | 7170 lm/W               | 6,80  | □      | MPRM 600x600    | PX3751043 |
| 43 W  | LED 4000 K | 6280 lm                      | 7390 lm/W               | 6,80  | □      | MPRM 600x600    | PX3751050 |
| 43 W  | LED 3000 K | 5860 lm                      | 6900 lm/W               | 7,90  | □      | MPRM 300x1200   | PX3751057 |
| 43 W  | LED 4000 K | 6050 lm                      | 7120 lm/W               | 7,90  | □      | MPRM 300x1200   | PX3751064 |
| 51 W  | LED 3000 K | 5950 lm                      | 7170 lm/W               | 9,40  | □      | 4xPAR 600x600   | PX3751071 |
| 51 W  | LED 4000 K | 6130 lm                      | 7390 lm/W               | 9,40  | □      | 4xPAR 600x600   | PX3751078 |
| 51 W  | LED 3000 K | 5730 lm                      | 6900 lm/W               | 10,80 | □      | 2xPAR 300x1200  | PX3751085 |
| 51 W  | LED 4000 K | 5910 lm                      | 7120 lm/W               | 10,80 | □      | 2xPAR 300x1200  | PX3751092 |
| 43 W  | LED 3000 K | 7440 lm                      | 8360 lm/W               | 9,10  | □      | SH MAT 600x600  | PX3751099 |
| 43 W  | LED 4000 K | 7670 lm                      | 8620 lm/W               | 9,10  | □      | SH MAT 600x600  | PX3751106 |
| 43 W  | LED 3000 K | 7440 lm                      | 8360 lm/W               | 10,00 | □      | SH MAT 300x1200 | PX3751114 |
| 43 W  | LED 4000 K | 7670 lm                      | 8620 lm/W               | 10,00 | □      | SH MAT 300x1200 | PX3751120 |

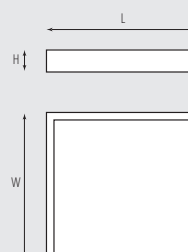
Oprawa malowana elektrostatischnie lakierem proszkowym antybakteryjnym z jonami srebra  
 Luminaire treated with a special antibacterial powder coat with active silver ions



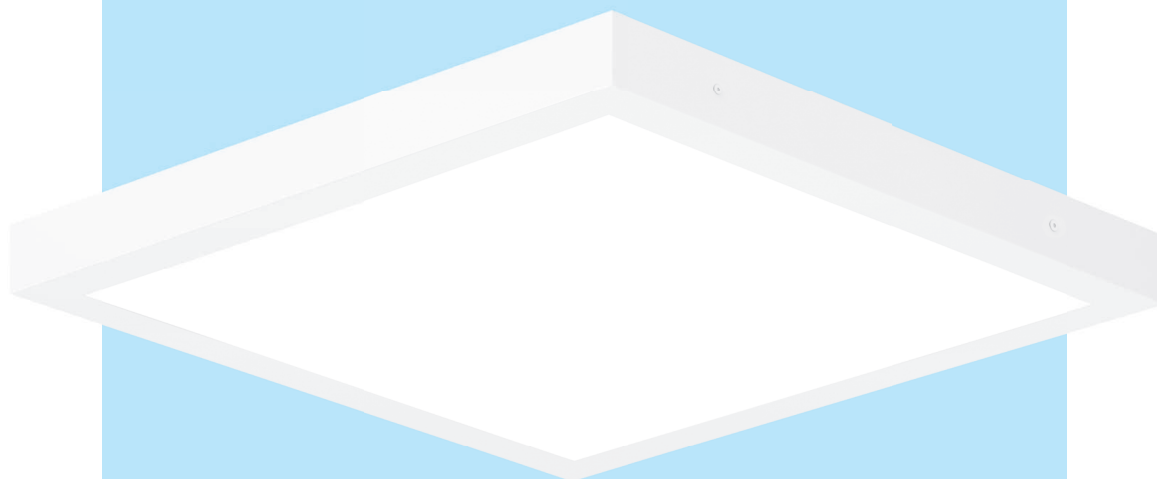
TORINO CLEAN IP65 LED PAR



TORINO CLEAN IP65 LED OPAL

WYMIARY  
DIMENSIONS

| MOC   | INFO            | L    | W    | H    |
|-------|-----------------|------|------|------|
| POWER | INFO            | [mm] | [mm] | [mm] |
| 43 W  | OPAL 600x600    | 595  | 595  | 90   |
| 43 W  | OPAL 300x1200   | 1195 | 295  | 90   |
| 100 W | OPAL 600x600    | 595  | 595  | 90   |
| 43 W  | MPRM 600x600    | 595  | 595  | 90   |
| 43 W  | MPRM 300x1200   | 1195 | 295  | 90   |
| 43 W  | SH MAT 600x600  | 595  | 595  | 90   |
| 43 W  | SH MAT 300x1200 | 1195 | 295  | 90   |
| 51 W  | 4xPAR 600x600   | 595  | 595  | 90   |
| 51 W  | 2xPAR 300x1200  | 1195 | 295  | 90   |



## TORINO IP54 LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrolitycznie w kolorze białym. Klosz mleczny OPAL lub mikropryzmatyczny MPRM

**Montaż:** nastropowy

**Zasilanie:** 220 V - 240 V

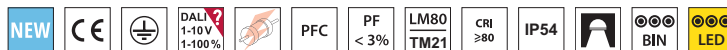
**Materials:** powder painted steel sheet body (standard colour: white). OPAL or microprismatic (MPRM) diffusers

**Installation:** surface mounted

**Power supply:** 220 V - 240 V

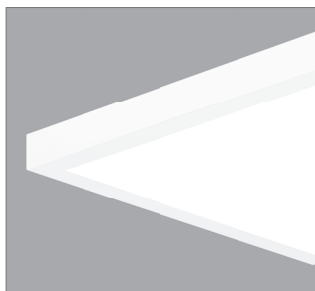
NOWOŚĆ

## TORINO IP54 LED

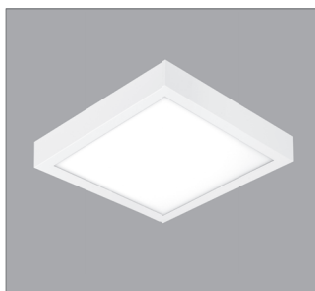


L80 B10 &gt;54 000h • SDCM 3 • LLMF 86% • CRI 84

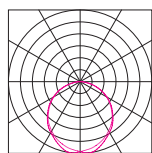
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|----------------------------------|----------------------------|------|--------|------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR | INFO | CODE      |
| 21 W  | LED 3000 K | 2700 lm                          | 129 lm/W                   | 6,5  | □      | OPAL | PX3760729 |
| 21 W  | LED 4000 K | 2790 lm                          | 133 lm/W                   | 6,5  | □      | OPAL | PX3760736 |
| 30 W  | LED 3000 K | 3780 lm                          | 126 lm/W                   | 6,5  | □      | OPAL | PX3760743 |
| 30 W  | LED 4000 K | 3900 lm                          | 130 lm/W                   | 6,5  | □      | OPAL | PX3760750 |
| 21 W  | LED 3000 K | 2740 lm                          | 130 lm/W                   | 6,5  | □      | OPAL | PX3760757 |
| 21 W  | LED 4000 K | 2820 lm                          | 134 lm/W                   | 6,5  | □      | OPAL | PX3760764 |
| 30 W  | LED 3000 K | 3820 lm                          | 127 lm/W                   | 6,5  | □      | OPAL | PX3760771 |
| 30 W  | LED 4000 K | 3940 lm                          | 131 lm/W                   | 6,5  | □      | OPAL | PX3760778 |
| 21 W  | LED 3000 K | 2980 lm                          | 142 lm/W                   | 6,5  | □      | MPRM | PX3760849 |
| 21 W  | LED 4000 K | 3070 lm                          | 146 lm/W                   | 6,5  | □      | MPRM | PX3760855 |
| 30 W  | LED 3000 K | 4170 lm                          | 139 lm/W                   | 6,5  | □      | MPRM | PX3760861 |
| 30 W  | LED 4000 K | 4300 lm                          | 143 lm/W                   | 6,5  | □      | MPRM | PX3760867 |
| 21 W  | LED 3000 K | 3000 lm                          | 143 lm/W                   | 6,5  | □      | MPRM | PX3760873 |
| 21 W  | LED 4000 K | 3100 lm                          | 148 lm/W                   | 6,5  | □      | MPRM | PX3760879 |
| 30 W  | LED 3000 K | 4200 lm                          | 140 lm/W                   | 6,5  | □      | MPRM | PX3760885 |
| 30 W  | LED 4000 K | 4340 lm                          | 145 lm/W                   | 6,5  | □      | MPRM | PX3760891 |



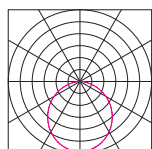
TORINO LED OPAL



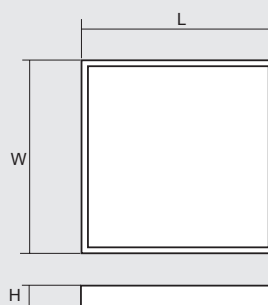
TORINO MINI LED OPAL



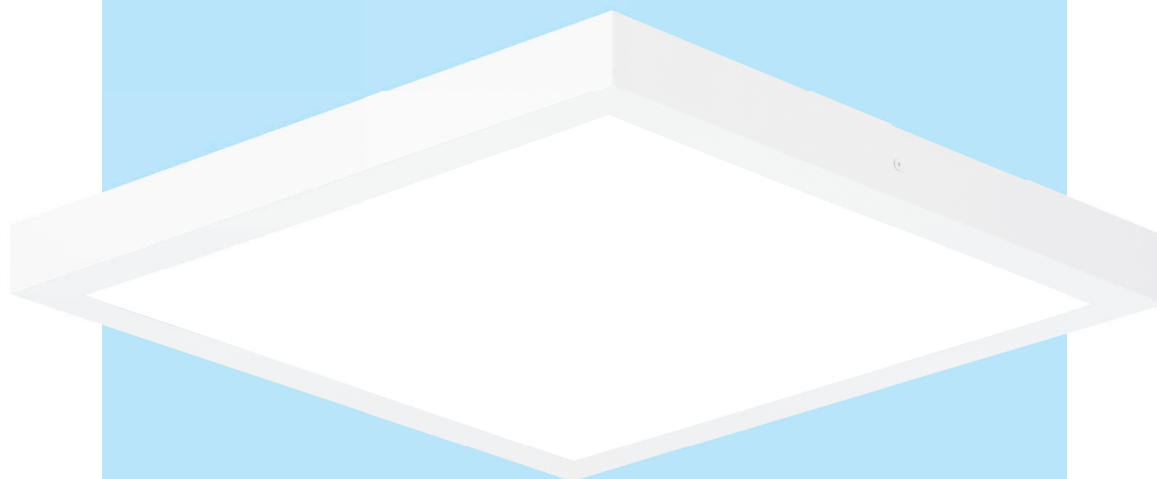
TORINO LED MPRM



TORINO LED OPAL

WYMIARY  
DIMENSIONS

| MOC   | INFO          | L    | W    | H    |
|-------|---------------|------|------|------|
| POWER | INFO          | [mm] | [mm] | [mm] |
| 21 W  | OPAL 600x600  | 595  | 595  | 65   |
| 30 W  | OPAL 600x600  | 595  | 595  | 65   |
| 21 W  | OPAL 300x1200 | 1195 | 295  | 65   |
| 30 W  | OPAL 300x1200 | 1195 | 295  | 65   |
| 21 W  | MPRM 600x600  | 595  | 595  | 65   |
| 30 W  | MPRM 600x600  | 595  | 595  | 65   |
| 21 W  | MPRM 300x1200 | 1195 | 295  | 65   |
| 30 W  | MPRM 300x1200 | 1195 | 295  | 65   |



## TORINO LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie w kolorze białym. Klosz mleczny OPAL, mikropryzmatyczny MPRM, satynowany raster paraboliczny PAR-S

**Montaż:** nastrogowy

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body (standard colour: white). OPAL, microprismatic (MPRM) diffusers, satin parabolic louver PAR-S

**Installation:** surface mounted

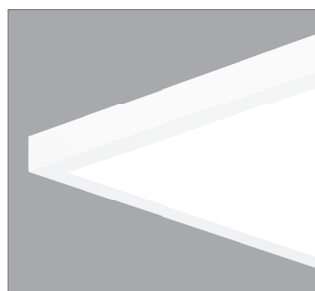
**Power supply:** 220 V - 240 V

# TORINO LED

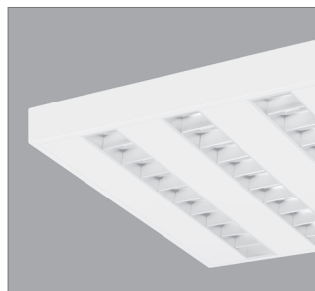
NOWOŚĆ



L80 B10 >54 000h • SDCM 3 • LMF 85% • CRI 84

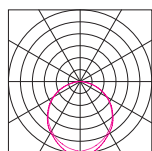


TORINO LED OPAL

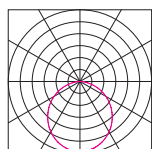


TORINO LED PAR-S

| MOC                       | ŹRÓDŁO          | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO     | L    | W    | H    | KOD       |
|---------------------------|-----------------|------------------------------|-------------------------|------|--------|----------|------|------|------|-----------|
| POWER                     | LAMP            | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO     | [mm] | [mm] | [mm] | CODE      |
| TORINO<br>LED<br>600x600  | 21 W LED 3000 K | 2700 lm                      | 129 lm/W                | 6,5  | □      | OPAL     | 595  | 595  | 65   | PX3760701 |
|                           | 21 W LED 4000 K | 2790 lm                      | 133 lm/W                | 6,5  | □      | OPAL     | 595  | 595  | 65   | PX3760708 |
|                           | 30 W LED 3000 K | 3780 lm                      | 126 lm/W                | 6,5  | □      | OPAL     | 595  | 595  | 65   | PX3760715 |
|                           | 30 W LED 4000 K | 3900 lm                      | 130 lm/W                | 6,5  | □      | OPAL     | 595  | 595  | 65   | PX3760722 |
|                           | 21 W LED 3000 K | 2980 lm                      | 142 lm/W                | 6,5  | □      | MPRM     | 595  | 595  | 65   | PX3760801 |
|                           | 21 W LED 4000 K | 3070 lm                      | 146 lm/W                | 6,5  | □      | MPRM     | 595  | 595  | 65   | PX3760807 |
| TORINO<br>LED<br>PAR-S    | 30 W LED 3000 K | 4170 lm                      | 139 lm/W                | 6,5  | □      | MPRM     | 595  | 595  | 65   | PX3760813 |
|                           | 30 W LED 4000 K | 4300 lm                      | 143 lm/W                | 6,5  | □      | MPRM     | 595  | 595  | 65   | PX3760819 |
|                           | 32 W LED 3000 K | 3340 lm                      | 108 lm/W                | 2,3  | □      | PAR-S 1x | 1175 | 125  | 50   | PX4087139 |
|                           | 32 W LED 4000 K | 3440 lm                      | 111 lm/W                | 2,3  | □      | PAR-S 1x | 1175 | 125  | 50   | PX4087146 |
|                           | 32 W LED 3000 K | 3200 lm                      | 100 lm/W                | 4,3  | □      | PAR-S 2x | 596  | 596  | 50   | PX4087125 |
|                           | 32 W LED 4000 K | 3270 lm                      | 102 lm/W                | 4,3  | □      | PAR-S 2x | 596  | 596  | 50   | PX4087132 |
| TORINO<br>LED<br>300x1200 | 47 W LED 3000 K | 4800 lm                      | 102 lm/W                | 4,3  | □      | PAR-S 3x | 596  | 596  | 50   | PX4087111 |
|                           | 47 W LED 4000 K | 4900 lm                      | 104 lm/W                | 4,3  | □      | PAR-S 3x | 596  | 596  | 50   | PX4087118 |
|                           | 21 W LED 3000 K | 2740 lm                      | 130 lm/W                | 6,5  | □      | OPAL     | 1195 | 295  | 65   | PX3760724 |
|                           | 21 W LED 4000 K | 2820 lm                      | 134 lm/W                | 6,5  | □      | OPAL     | 1195 | 295  | 65   | PX3760725 |
|                           | 30 W LED 3000 K | 3820 lm                      | 127 lm/W                | 6,5  | □      | OPAL     | 1195 | 295  | 65   | PX3760726 |
|                           | 30 W LED 4000 K | 3940 lm                      | 131 lm/W                | 6,5  | □      | OPAL     | 1195 | 295  | 65   | PX3760727 |
| TORINO<br>LED<br>300x1200 | 21 W LED 3000 K | 3000 lm                      | 143 lm/W                | 6,5  | □      | MPRM     | 1195 | 295  | 65   | PX3760825 |
|                           | 21 W LED 4000 K | 3100 lm                      | 148 lm/W                | 6,5  | □      | MPRM     | 1195 | 295  | 65   | PX3760831 |
|                           | 30 W LED 3000 K | 4200 lm                      | 140 lm/W                | 6,5  | □      | MPRM     | 1195 | 295  | 65   | PX3760837 |
|                           | 30 W LED 4000 K | 4340 lm                      | 145 lm/W                | 6,5  | □      | MPRM     | 1195 | 295  | 65   | PX3760843 |



TORINO LED MPRM

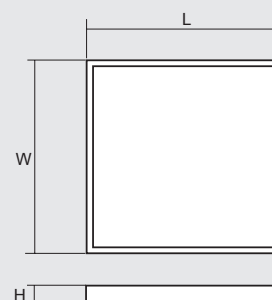


TORINO LED OPAL

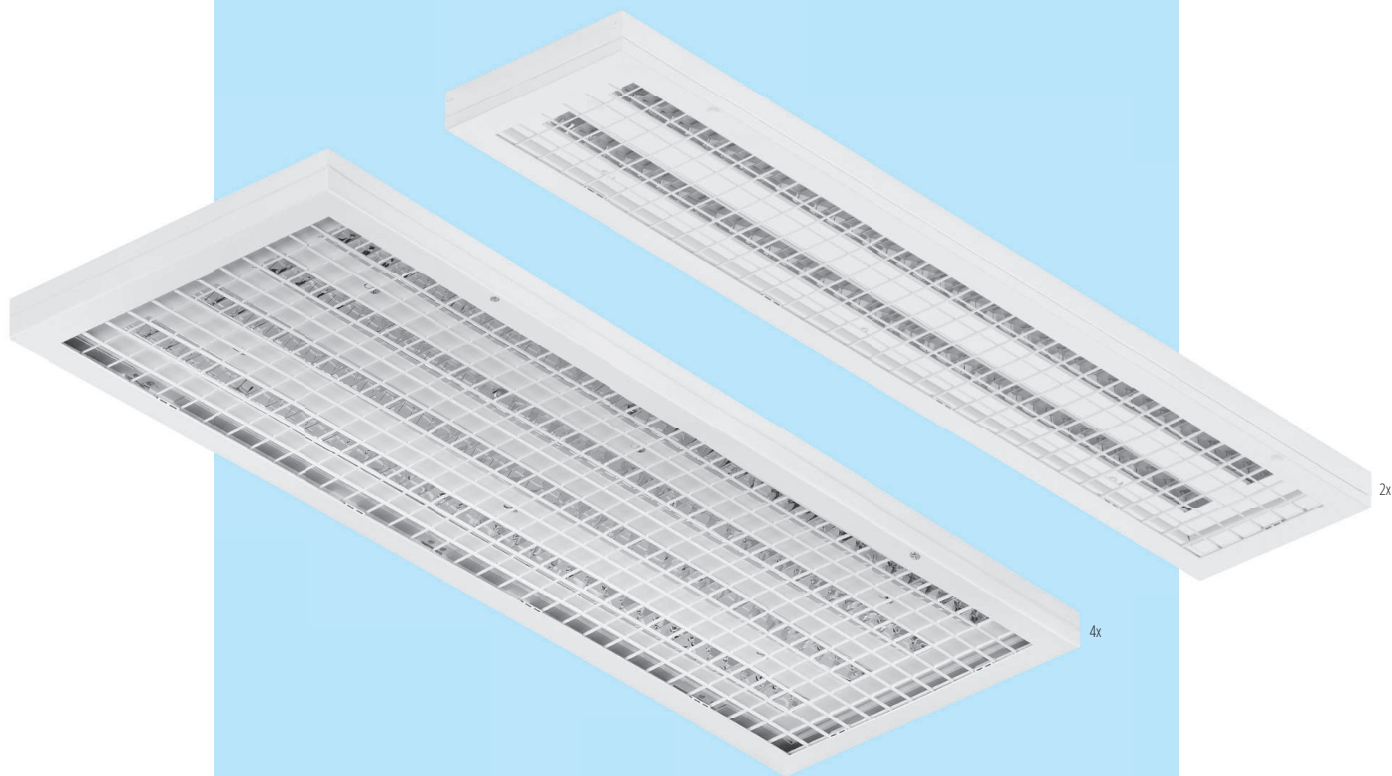
**BIM** Do oprawy dostępne są modele BIM  
BIM files are available for this product

## WYMIARY DIMENSIONS

Wymiary podano w tabeli powyżej  
Dimensions given in the table above







## TORINO SPORT LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie w kolorze białym, raster paraboliczny z aluminium anodowanego polerowanego wysokiej czystości. Siatka ochronna z dodatkowymi zawiasami ułatwiającymi montaż oprawy. Oprawa posiada współczynnik IK10

**Montaż:** nastrogowy

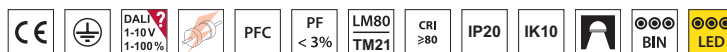
**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body in white colour, parabolic (PAR) louver made of anodized, polished aluminum of high purity. Protection grid IK10.

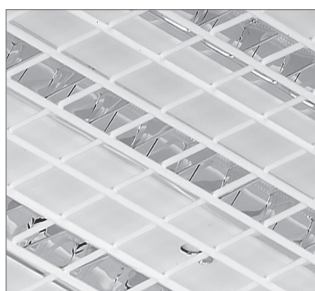
**Installation:** surface mounting

**Power supply:** 220 V - 240 V

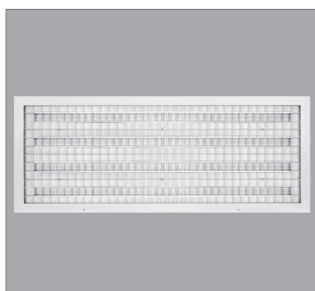
# TORINO SPORT LED



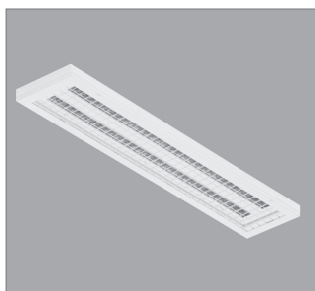
L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84



Siarka ochronna IK10  
Protective grid IK10



Symetrycznie rozłożone rastry aluminiowe  
Symmetrically placed aluminum louvers



Wersja 2x  
2x version

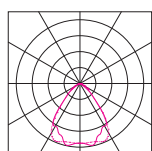


Oprawa oświetleniowa do obiektów sportowych  
Luminaires designed for sports facilities

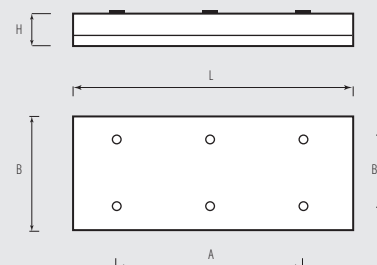
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR                    | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------------------------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR                   | INFO | CODE      |
| 50 W  | LED 3000 K | 6000 lm                      | 120 lm/W                | 9,0  | <input type="checkbox"/> | PAR  | PX3750915 |
| 50 W  | LED 4000 K | 6150 lm                      | 123 lm/W                | 9,0  | <input type="checkbox"/> | PAR  | PX3750922 |
| 100 W | LED 3000 K | 12060 lm                     | 121 lm/W                | 15,0 | <input type="checkbox"/> | PAR  | PX3750901 |
| 100 W | LED 4000 K | 12310 lm                     | 123 lm/W                | 15,0 | <input type="checkbox"/> | PAR  | PX3750908 |
| 145 W | LED 3000 K | 19500 lm                     | 134 lm/W                | 15,0 | <input type="checkbox"/> | PAR  | PX3750929 |
| 145 W | LED 4000 K | 20000 lm                     | 138 lm/W                | 15,0 | <input type="checkbox"/> | PAR  | PX3750936 |

## WYMIARY DIMENSIONS

| MOC   | L    | W    | H    | A    | B    |
|-------|------|------|------|------|------|
| POWER | [mm] | [mm] | [mm] | [mm] | [mm] |
| 50 W  | 1226 | 274  | 65   | 940  | 180  |
| 100 W | 1226 | 486  | 65   | 940  | 300  |
| 145 W | 1226 | 486  | 65   | 940  | 300  |



TORINO SPORT LED





## TUBO BOLLARD LED

**Wykonanie:** korpus aluminiowy malowany elektrolitycznie (w standardzie kolor: antracyt), źródła LED, klosz przezroczysty z tworzywa

**Montaż:** do podłoża

**Akcesoria:** słupki h=500 mm, h=1000 mm, podstawy do gruntu lub betonu

**Zasilanie:** 220 - 240 V

**Materials:** electrostatically painted aluminium housing (standard colour: anthracite), LED, transparent plastic diffuser

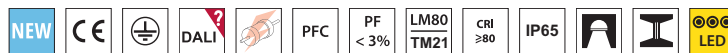
**Installation:** in-ground

**Accessories:** pole: h=500 mm, h=1000 mm, base for concrete or to the ground

**Power supply:** 220 - 240 V

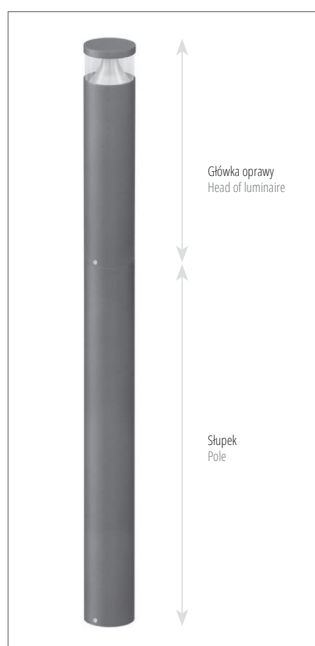
# TUBO BOLLARD LED

NOWOŚĆ

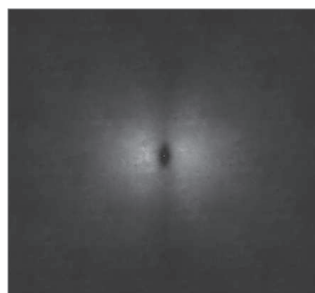


L80 B10 > 54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY          | SKUTECZNOŚĆ<br>OPRAWY | [kg] | KOLOR  | KĄT<br>ROZSYŁU | KOD       |
|-------|------------|-----------------------------|-----------------------|------|--------|----------------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER | FIXTURE'S EFFICACY    | [kg] | COLOUR | LIGHT<br>BEAM  | CODE      |
| 5 W   | LED 3000 K | 435 lm                      | 87 lm/W               | 1,6  | ■      | 360°           | PX4111001 |
| 5 W   | LED 4000 K | 450 lm                      | 90 lm/W               | 1,6  | ■      | 360°           | PX4111008 |
| 5 W   | LED 3000 K | 265 lm                      | 53 lm/W               | 1,6  | ■      | 2x90°          | PX4111029 |
| 5 W   | LED 4000 K | 275 lm                      | 55 lm/W               | 1,6  | ■      | 2x90°          | PX4111036 |
| 5 W   | LED 3000 K | 250 lm                      | 50 lm/W               | 1,6  | ■      | 180°           | PX4111057 |
| 5 W   | LED 4000 K | 260 lm                      | 52 lm/W               | 1,6  | ■      | 180°           | PX4111064 |
| 10 W  | LED 3000 K | 870 lm                      | 87 lm/W               | 1,6  | ■      | 360°           | PX4111015 |
| 10 W  | LED 4000 K | 900 lm                      | 90 lm/W               | 1,6  | ■      | 360°           | PX4111022 |
| 10 W  | LED 3000 K | 530 lm                      | 53 lm/W               | 1,6  | ■      | 2x90°          | PX4111043 |
| 10 W  | LED 4000 K | 550 lm                      | 55 lm/W               | 1,6  | ■      | 2x90°          | PX4111050 |
| 10 W  | LED 3000 K | 500 lm                      | 50 lm/W               | 1,6  | ■      | 180°           | PX4111071 |
| 10 W  | LED 4000 K | 520 lm                      | 52 lm/W               | 1,6  | ■      | 180°           | PX4111078 |



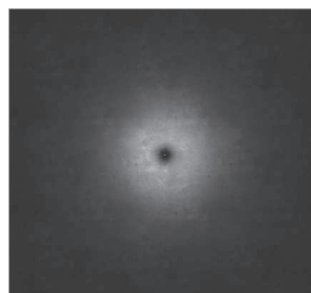
Główna oprawy i słup  
Head and pole



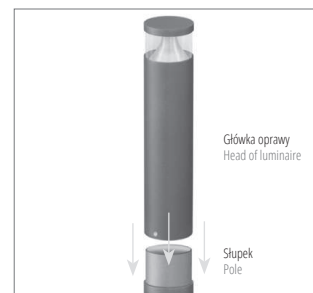
2x90°



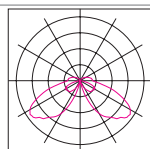
180°



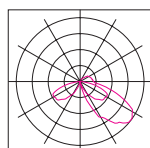
360°



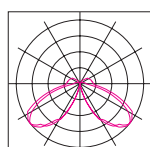
Główna oprawy i słup - przykład montażu  
Head and pole - example of mounting



TUBO BOLLARD 2x90°



TUBO BOLLARD 180°



TUBO BOLLARD 360°

## AKCESORIA ACCESSORIES

### Słupek Pole

| [kg] | KOD       | INFO      |
|------|-----------|-----------|
| [kg] | CODE      | INFO      |
| 1,7  | PX4111085 | h=500 mm  |
| 3,3  | PX4111092 | h=1000 mm |

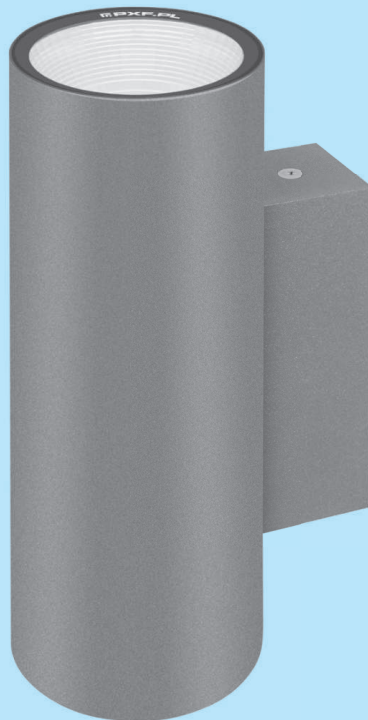
### Podstawa Base

|     |           |                           |
|-----|-----------|---------------------------|
| 0,4 | PX4111099 | do betonu / for concrete  |
| 1,7 | PX4111106 | do gruntu / to the ground |

## WYMIARY DIMENSIONS

| H    | F    |
|------|------|
| [mm] | [mm] |
| 360  | 80   |





## TUBO KINKIET IP65 LED

**Wykonanie:** korpus aluminiowy malowany elektrolitycznie (w standardzie kolor: antracyt), źródło LED COB, szyba hartowana

**Montaż:** naścienny

**Zasilanie:** 220 - 240 V

**Materials:** electrostatically painted aluminium housing (standard colour: anthracite), LED COB, tempered glass

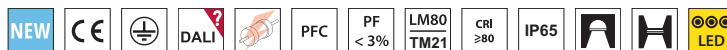
**Installation:** wall mounted

**Power supply:** 220 - 240 V



# TUBO KINKIET IP65 LED

NOWOŚĆ



L90 B10 > 60 000h • SDCM 3 • LLMF 91% • CRI 80



Wersja DI-IN  
DI-IN version

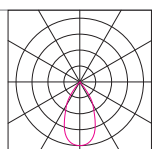


Szyba hartowana, korpus z aluminium  
Tempered glass, aluminium body

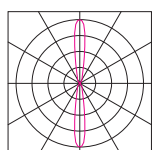


Wersja DI  
DI version

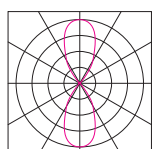
|       | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY          | SKUTECZNOŚĆ<br>OPRAWY | [kg] | KOLOR  | INFO                    | KĄT ROZSYŁU            |        | KOD       |
|-------|-------|------------|-----------------------------|-----------------------|------|--------|-------------------------|------------------------|--------|-----------|
|       | POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER | FIXTURE'S EFFICACY    | [kg] | COLOUR | INFO                    | ANGLE OF<br>LIGHT BEAM |        | CODE      |
| DI    | 10 W  | LED 3000 K | 1100 lm                     | 110 lm/W              | 1,25 | ■      | DI 1100 lm              | DI 50°                 | -      | PX4088959 |
|       | 10 W  | LED 4000 K | 1130 lm                     | 113 lm/W              | 1,25 | ■      | DI 1130 lm              | DI 50°                 | -      | PX4088961 |
|       | 15 W  | LED 3000 K | 1580 lm                     | 105 lm/W              | 1,25 | ■      | DI 1580 lm              | DI 50°                 | -      | PX4088963 |
|       | 15 W  | LED 4000 K | 1630 lm                     | 109 lm/W              | 1,25 | ■      | DI 1630 lm              | DI 50°                 | -      | PX4088965 |
|       | 26 W  | LED 3000 K | 2860 lm                     | 110 lm/W              | 1,25 | ■      | DI 2860 lm              | DI 50°                 | -      | PX4088967 |
|       | 26 W  | LED 4000 K | 2940 lm                     | 113 lm/W              | 1,25 | ■      | DI 2940 lm              | DI 50°                 | -      | PX4088969 |
| DI-IN | 15 W  | LED 3000 K | 1820 lm                     | 121 lm/W              | 1,25 | ■      | DI 910 lm / IN 910 lm   | DI 15°                 | IN 15° | PX4088981 |
|       | 15 W  | LED 4000 K | 1860 lm                     | 124 lm/W              | 1,25 | ■      | DI 930 lm / IN 930 lm   | DI 15°                 | IN 15° | PX4088983 |
|       | 15 W  | LED 3000 K | 1800 lm                     | 120 lm/W              | 1,25 | ■      | DI 890 lm / IN 910 lm   | DI 70°                 | IN 15° | PX4088973 |
|       | 15 W  | LED 4000 K | 1850 lm                     | 123 lm/W              | 1,25 | ■      | DI 920 lm / IN 930 lm   | DI 70°                 | IN 15° | PX4088975 |
|       | 20 W  | LED 3000 K | 2200 lm                     | 110 lm/W              | 1,25 | ■      | DI 1100 m / IN 1100 lm  | DI 50°                 | IN 50° | PX4088977 |
|       | 20 W  | LED 4000 K | 2260 lm                     | 113 lm/W              | 1,25 | ■      | DI 1130 lm / IN 1130 lm | DI 50°                 | IN 50° | PX4088979 |



TUBO KINKIET IP65 LED DI 50°



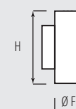
TUBO KINKIET IP65 LED 15°/15°

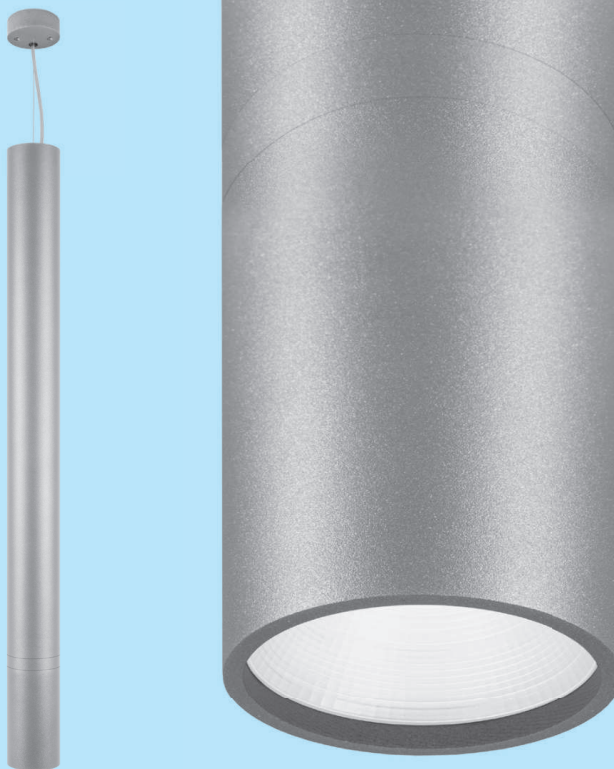


TUBO KINKIET IP65 LED 50°/50°

WYMIARY  
DIMENSIONS

| H    | F    |
|------|------|
| [mm] | [mm] |
| 200  | 80   |





## TUBO LED

**Wykonanie:** korpus aluminiowy malowany elektrolitycznie (w standardzie kolor: antracyt), źródło LED COB, trzy odbłyśniki o kątach rozsyłu 30°, 50°, 70°, moduły wydłużające oprawę wykonane z aluminium

**Montaż:** zwieszany (zawieszenie elektryczne w komplecie)

**Akcesoria:** moduły puste: h=400 mm, h=800 mm, h=1200 mm

**Zasilanie:** 220 - 240 V

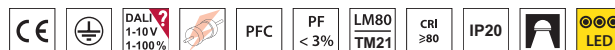
**Materials:** electrostatically painted aluminium housing (standard colour: anthracite), LED COB, reflectors available with three angels of light distribution: 30°, 50°, 70°, extension empty modules made of aluminium

**Installation:** suspended (electric suspension in set)

**Accessories:** empty modules: h=400 mm, h=800 mm, h=1200 mm

**Power supply:** 220 - 240 V

# TUBO LED



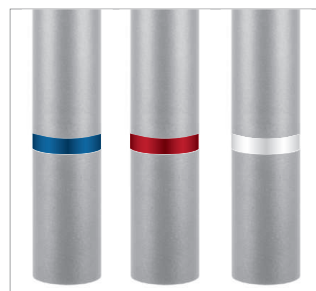
L90 B10 >60 000h • SDCM3 • LLMF 91% • CRI 80



Moduły puste: 400 mm, 800 mm, 1200 mm  
Empty modules: 400 mm, 800 mm, 1200 mm

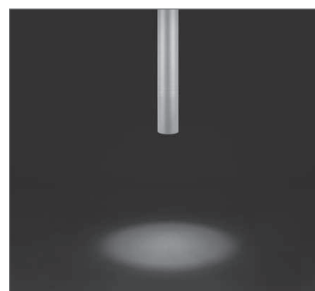


Dioda LED COB, klosz półprzezroczysty  
LED COB chip, translucent diffuser

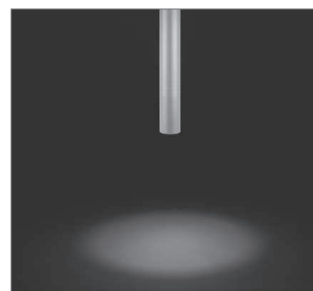


Możliwość lakierowania ringu na dowolny kolor z palety RAL  
Possibility of painting in any colour from RAL palette

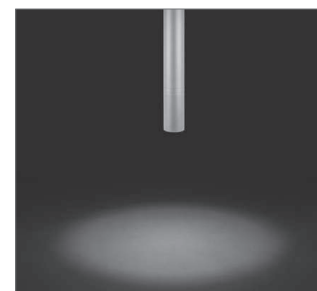
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|----------------------------------|----------------------------|------|--------|------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR | INFO | CODE      |
| 15 W  | LED 3000 K | 1420 lm                          | 95 lm/W                    | 1,00 | ■      | 30°  | PX4088801 |
| 15 W  | LED 4000 K | 1460 lm                          | 97 lm/W                    | 1,00 | ■      | 30°  | PX4088816 |
| 15 W  | LED 3000 K | 1430 lm                          | 95 lm/W                    | 1,00 | ■      | 50°  | PX4088806 |
| 15 W  | LED 4000 K | 1470 lm                          | 98 lm/W                    | 1,00 | ■      | 50°  | PX4088821 |
| 15 W  | LED 3000 K | 1330 lm                          | 89 lm/W                    | 1,00 | ■      | 70°  | PX4088811 |
| 15 W  | LED 4000 K | 1370 lm                          | 91 lm/W                    | 1,00 | ■      | 70°  | PX4088826 |
| 21 W  | LED 3000 K | 1960 lm                          | 93 lm/W                    | 1,00 | ■      | 30°  | PX4088831 |
| 21 W  | LED 4000 K | 2020 lm                          | 96 lm/W                    | 1,00 | ■      | 30°  | PX4088846 |
| 21 W  | LED 3000 K | 1970 lm                          | 94 lm/W                    | 1,00 | ■      | 50°  | PX4088836 |
| 21 W  | LED 4000 K | 2030 lm                          | 97 lm/W                    | 1,00 | ■      | 50°  | PX4088851 |
| 21 W  | LED 3000 K | 1830 lm                          | 87 lm/W                    | 1,00 | ■      | 70°  | PX4088841 |
| 21 W  | LED 4000 K | 1890 lm                          | 90 lm/W                    | 1,00 | ■      | 70°  | PX4088856 |
| 29 W  | LED 3000 K | 2550 lm                          | 88 lm/W                    | 1,00 | ■      | 30°  | PX4088861 |
| 29 W  | LED 4000 K | 2630 lm                          | 91 lm/W                    | 1,00 | ■      | 30°  | PX4088876 |
| 29 W  | LED 3000 K | 2560 lm                          | 88 lm/W                    | 1,00 | ■      | 50°  | PX4088866 |
| 29 W  | LED 4000 K | 2640 lm                          | 91 lm/W                    | 1,00 | ■      | 50°  | PX4088881 |
| 29 W  | LED 3000 K | 2390 lm                          | 82 lm/W                    | 1,00 | ■      | 70°  | PX4088871 |
| 29 W  | LED 4000 K | 2460 lm                          | 85 lm/W                    | 1,00 | ■      | 70°  | PX4088886 |



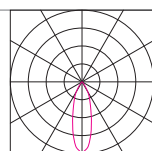
Rozsył światła o kącie 30°  
30° angle of light beam



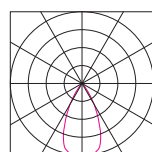
Rozsył światła o kącie 50°  
50° angle of light beam



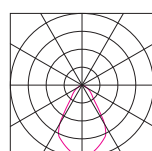
Rozsył światła o kącie 70°  
70° angle of light beam



TUBO LED 30°



TUBO LED 50°



TUBO LED 70°

## AKCESORIA ACCESSORIES

Moduł pusty  
Empty module

| [kg] | KOLOR  | KOD       | INFO     |
|------|--------|-----------|----------|
| [kg] | COLOUR | CODE      | INFO     |
| 0,50 | ■      | PX4088911 | h=400mm  |
| 0,90 | ■      | PX4088916 | h=800mm  |
| 1,20 | ■      | PX4088921 | h=1200mm |

## WYMIARY DIMENSIONS

Zawieszenie elektryczne  
Electric suspension

Max. 1,5 m

Moduł pusty  
Empty module

Ring 20 mm  
Ring 20 mm

Główka oprawy  
Head of luminaire

| L    | F    |
|------|------|
| [mm] | [mm] |
| 200  | 80   |



## TUBO NT IP44 LED

**Wykonanie:** korpus aluminiowy malowany elektrolitycznie (w standardzie kolor: antracyt), źródło LED COB, trzy odbłyśniki o kątach rozsyłu 30°, 50°, 70°

**Montaż:** natynkowy

**Zasilanie:** 220 - 240 V

**Materials:** electrostatically painted aluminium housing (standard colour: anthracite), LED COB, reflectors available with three angles of light distribution: 30°, 50°, 70°

**Installation:** ceiling mounted

**Power supply:** 220 - 240 V

# TUBO NT IP44 LED

NOWOŚĆ



L90 B10 >60 000h • SDCM3 • LLMF 91% • CRI 80



Pokrywa uszczelniająca dla wersji IP44  
Cover with seal for IP44 versions

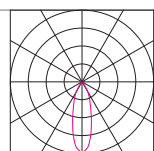


Dioda LED COB, klosz półprzezroczysty  
LED COB chip, translucent diffuser

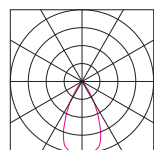


Możliwość lakierowania oprawy na dowolny kolor z palety RAL  
Possibility of painting in any colour from RAL palette

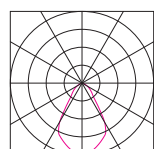
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|----------------------------------|----------------------------|------|--------|------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR | INFO | CODE      |
| 14 W  | LED 3000 K | 1420 lm                          | 101 lm/W                   | 0,70 | ■      | 30°  | PX4111285 |
| 14 W  | LED 4000 K | 1460 lm                          | 104 lm/W                   | 0,70 | ■      | 30°  | PX4111292 |
| 14 W  | LED 3000 K | 1430 lm                          | 102 lm/W                   | 0,70 | ■      | 50°  | PX4111299 |
| 14 W  | LED 4000 K | 1470 lm                          | 105 lm/W                   | 0,70 | ■      | 50°  | PX4111306 |
| 14 W  | LED 3000 K | 1330 lm                          | 95 lm/W                    | 0,70 | ■      | 70°  | PX4111313 |
| 14 W  | LED 4000 K | 1370 lm                          | 98 lm/W                    | 0,70 | ■      | 70°  | PX4111320 |
| 21 W  | LED 3000 K | 1960 lm                          | 93 lm/W                    | 0,70 | ■      | 30°  | PX4111327 |
| 21 W  | LED 4000 K | 2020 lm                          | 96 lm/W                    | 0,70 | ■      | 30°  | PX4111334 |
| 21 W  | LED 3000 K | 1970 lm                          | 94 lm/W                    | 0,70 | ■      | 50°  | PX4111341 |
| 21 W  | LED 4000 K | 2030 lm                          | 97 lm/W                    | 0,70 | ■      | 50°  | PX4111348 |
| 21 W  | LED 3000 K | 1830 lm                          | 87 lm/W                    | 0,70 | ■      | 70°  | PX4111355 |
| 21 W  | LED 4000 K | 1890 lm                          | 90 lm/W                    | 0,70 | ■      | 70°  | PX4111362 |
| 15 W  | LED 3000 K | 1420 lm                          | 95 lm/W                    | 0,80 | ■      | 30°  | PX4088984 |
| 15 W  | LED 4000 K | 1460 lm                          | 97 lm/W                    | 0,80 | ■      | 30°  | PX4088985 |
| 15 W  | LED 3000 K | 1430 lm                          | 95 lm/W                    | 0,80 | ■      | 50°  | PX4088986 |
| 15 W  | LED 4000 K | 1470 lm                          | 98 lm/W                    | 0,80 | ■      | 50°  | PX4088987 |
| 15 W  | LED 3000 K | 1330 lm                          | 89 lm/W                    | 0,80 | ■      | 70°  | PX4088988 |
| 15 W  | LED 4000 K | 1370 lm                          | 91 lm/W                    | 0,80 | ■      | 70°  | PX4088989 |
| 21 W  | LED 3000 K | 1960 lm                          | 93 lm/W                    | 0,80 | ■      | 30°  | PX4088990 |
| 21 W  | LED 4000 K | 2020 lm                          | 96 lm/W                    | 0,80 | ■      | 30°  | PX4088991 |
| 21 W  | LED 3000 K | 1970 lm                          | 94 lm/W                    | 0,80 | ■      | 50°  | PX4088992 |
| 21 W  | LED 4000 K | 2030 lm                          | 97 lm/W                    | 0,80 | ■      | 50°  | PX4088993 |
| 21 W  | LED 3000 K | 1830 lm                          | 87 lm/W                    | 0,80 | ■      | 70°  | PX4088994 |
| 21 W  | LED 4000 K | 1890 lm                          | 90 lm/W                    | 0,80 | ■      | 70°  | PX4088995 |
| 29 W  | LED 3000 K | 2550 lm                          | 88 lm/W                    | 0,80 | ■      | 30°  | PX4088996 |
| 29 W  | LED 4000 K | 2630 lm                          | 91 lm/W                    | 0,80 | ■      | 30°  | PX4088997 |
| 29 W  | LED 3000 K | 2560 lm                          | 88 lm/W                    | 0,80 | ■      | 50°  | PX4088998 |
| 29 W  | LED 4000 K | 2640 lm                          | 91 lm/W                    | 0,80 | ■      | 50°  | PX4088999 |
| 29 W  | LED 3000 K | 2390 lm                          | 82 lm/W                    | 0,80 | ■      | 70°  | PX4089000 |
| 29 W  | LED 4000 K | 2460 lm                          | 85 lm/W                    | 0,80 | ■      | 70°  | PX4089001 |



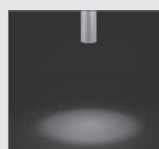
TUBO NT IP44 LED 30°



TUBO NT IP44 LED 50°



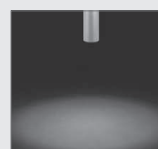
TUBO NT IP44 LED 70°



Rozsył światła o kącie 30°  
30° angle of light beam



Rozsył światła o kącie 50°  
50° angle of light beam



Rozsył światła o kącie 70°  
70° angle of light beam

WYMIARY  
DIMENSIONS

| H    | F    |
|------|------|
| [mm] | [mm] |
| 140  | 80   |
| 200  | 80   |







## TUBO NT LED

**Wykonanie:** korpus aluminiowy malowany elektrolitycznie (w standardzie kolor: antracyt), źródło LED COB, trzy odbłyśniki o kątach rozsyłu 30°, 50°, 70°

**Montaż:** natynkowy

**Zasilanie:** 220 - 240 V

**Materials:** electrostatically painted aluminium housing (standard colour: anthracite), LED COB, reflectors available with three angles of light distribution: 30°, 50°, 70°

**Installation:** ceiling mounted

**Power supply:** 220 - 240 V

NOWOŚĆ

# TUBO NT LED



L90 B10 >60 000h • SDCM3 • LLMF 91% • CRI 80

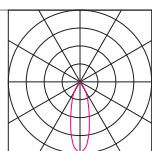
| MOC                      | ŹRÓDŁO          | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR  | INFO | KOD       |
|--------------------------|-----------------|----------------------------------|----------------------------|------|--------|------|-----------|
| POWER                    | LAMP            | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR | INFO | CODE      |
| TUBO NT LED<br>H = 14 cm | 14 W LED 3000 K | 1420 lm                          | 101 lm/W                   | 0,60 | ■      | 30°  | PX4111201 |
|                          | 14 W LED 4000 K | 1460 lm                          | 104 lm/W                   | 0,60 | ■      | 30°  | PX4111208 |
|                          | 14 W LED 3000 K | 1430 lm                          | 102 lm/W                   | 0,60 | ■      | 50°  | PX4111215 |
|                          | 14 W LED 4000 K | 1470 lm                          | 105 lm/W                   | 0,60 | ■      | 50°  | PX4111222 |
|                          | 14 W LED 3000 K | 1330 lm                          | 95 lm/W                    | 0,60 | ■      | 70°  | PX4111229 |
|                          | 14 W LED 4000 K | 1370 lm                          | 98 lm/W                    | 0,60 | ■      | 70°  | PX4111236 |
|                          | 21 W LED 3000 K | 1960 lm                          | 93 lm/W                    | 0,60 | ■      | 30°  | PX4111243 |
|                          | 21 W LED 4000 K | 2020 lm                          | 96 lm/W                    | 0,60 | ■      | 30°  | PX4111250 |
|                          | 21 W LED 3000 K | 1970 lm                          | 94 lm/W                    | 0,60 | ■      | 50°  | PX4111257 |
|                          | 21 W LED 4000 K | 2030 lm                          | 97 lm/W                    | 0,60 | ■      | 50°  | PX4111264 |
|                          | 21 W LED 3000 K | 1830 lm                          | 87 lm/W                    | 0,60 | ■      | 70°  | PX4111271 |
|                          | 21 W LED 4000 K | 1890 lm                          | 90 lm/W                    | 0,60 | ■      | 70°  | PX4111278 |
| TUBO NT LED<br>H = 20 cm | 15 W LED 3000 K | 1420 lm                          | 95 lm/W                    | 0,80 | ■      | 30°  | PX4088923 |
|                          | 15 W LED 4000 K | 1460 lm                          | 97 lm/W                    | 0,80 | ■      | 30°  | PX4088925 |
|                          | 15 W LED 3000 K | 1430 lm                          | 95 lm/W                    | 0,80 | ■      | 50°  | PX4088927 |
|                          | 15 W LED 4000 K | 1470 lm                          | 98 lm/W                    | 0,80 | ■      | 50°  | PX4088929 |
|                          | 15 W LED 3000 K | 1330 lm                          | 89 lm/W                    | 0,80 | ■      | 70°  | PX4088931 |
|                          | 15 W LED 4000 K | 1370 lm                          | 91 lm/W                    | 0,80 | ■      | 70°  | PX4088933 |
|                          | 21 W LED 3000 K | 1960 lm                          | 93 lm/W                    | 0,80 | ■      | 30°  | PX4088935 |
|                          | 21 W LED 4000 K | 2020 lm                          | 96 lm/W                    | 0,80 | ■      | 30°  | PX4088937 |
|                          | 21 W LED 3000 K | 1970 lm                          | 94 lm/W                    | 0,80 | ■      | 50°  | PX4088939 |
|                          | 21 W LED 4000 K | 2030 lm                          | 97 lm/W                    | 0,80 | ■      | 50°  | PX4088941 |
|                          | 21 W LED 3000 K | 1830 lm                          | 87 lm/W                    | 0,80 | ■      | 70°  | PX4088943 |
|                          | 21 W LED 4000 K | 1890 lm                          | 90 lm/W                    | 0,80 | ■      | 70°  | PX4088945 |
|                          | 29 W LED 3000 K | 2550 lm                          | 88 lm/W                    | 0,80 | ■      | 30°  | PX4088947 |
|                          | 29 W LED 4000 K | 2630 lm                          | 91 lm/W                    | 0,80 | ■      | 30°  | PX4088949 |
|                          | 29 W LED 3000 K | 2560 lm                          | 88 lm/W                    | 0,80 | ■      | 50°  | PX4088951 |
|                          | 29 W LED 4000 K | 2640 lm                          | 91 lm/W                    | 0,80 | ■      | 50°  | PX4088953 |
|                          | 29 W LED 3000 K | 2390 lm                          | 82 lm/W                    | 0,80 | ■      | 70°  | PX4088955 |
|                          | 29 W LED 4000 K | 2460 lm                          | 85 lm/W                    | 0,80 | ■      | 70°  | PX4088957 |



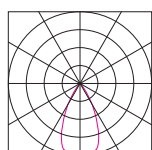
Dioda LED COB, klosz półprzezroczysty  
LED COB chip, translucent diffuser



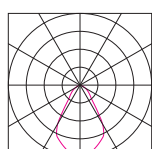
Możliwość lakierowania oprawy na dowolny kolor z palety RAL  
Possibility of painting in any colour from RAL palette



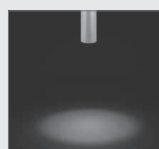
TUBO NT LED 30°



TUBO NT LED 50°



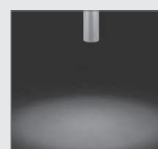
TUBO NT LED 70°



Rozsył światła o kącie 30°  
30° angle of light beam



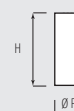
Rozsył światła o kącie 50°  
50° angle of light beam

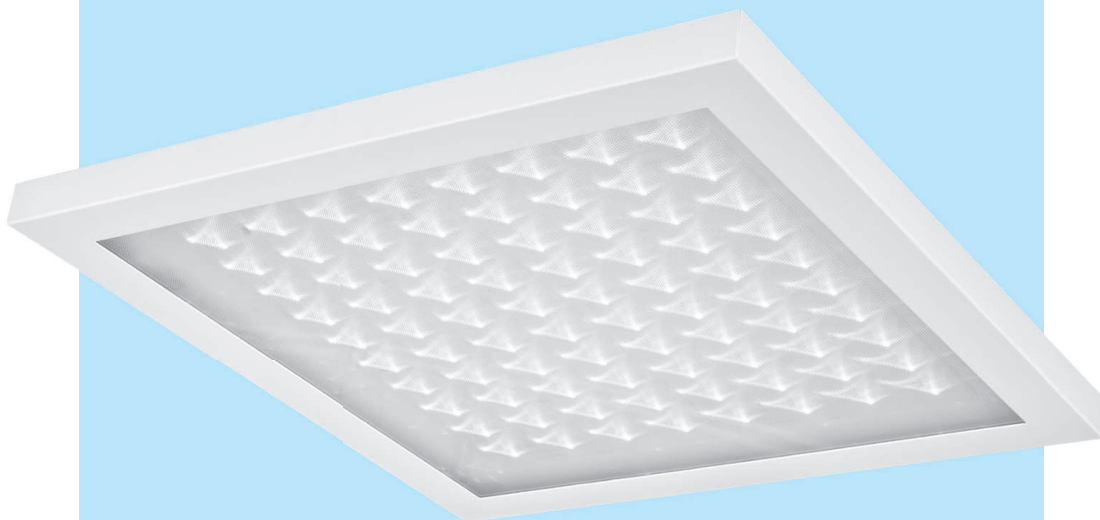


Rozsył światła o kącie 70°  
70° angle of light beam

## WYMIARY DIMENSIONS

| H    | F    |
|------|------|
| [mm] | [mm] |
| 140  | 80   |
| 200  | 80   |





## UNI LED

**Wykonanie:** obudowa z ocynkowanej blachy stalowej malowanej elektrostycznie. W standardzie kolor biały, ramka mocowana na magnesach, płyta mikropryzmatyczna MPRM lub OPAL.

**Montaż:** zwieszany, do sufitów 600x600, nastropowy

**Akcesoria:** czujka ruchu, zawieszenia zwykłe i elektryczne

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted housing made of galvanized steel (standard colour: white), microprismatic diffuser MPRM, OPAL diffuser, magnets mounted frame.

**Installation:** suspended, into modular ceiling 600x600 with visiple supported structure, ceiling mounted

**Accessories:** motion sensor, electric suspension, simple suspension

**Power supply:** 220 V - 240 V

# UNI LED



L80 B10 >54 000h • SDCM3 • LLMF 85% • CRI 84



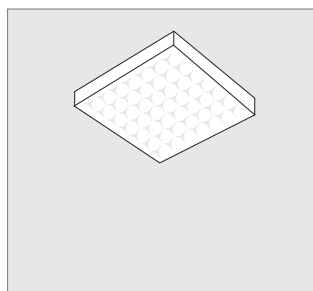
UNI LED z kloszem OPAL  
UNI LED with OPAL diffuser



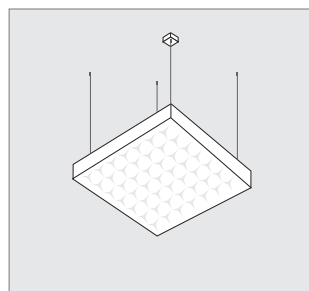
UNI LED z kloszem MPRM  
UNI LED with MPRM diffuser



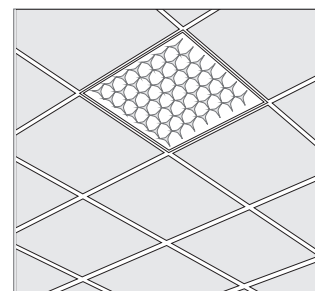
Czujnik ruchu  
Motion sensor



Montaż nastropowy  
Ceiling mounted

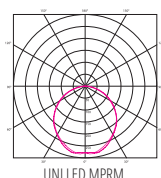


Montaż zwieszany  
Suspended mounting

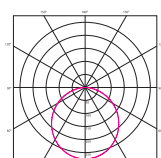


Montaż w sufitach podwieszanych o widocznej konstrukcji nośnej  
Mounting into modular ceiling 600x600 with a visible supported structure

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | TRYB<br>AWARYJNY    | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|---------------------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | EMERGENCY<br>MODULE | CODE      |
| 38 W  | LED 3000 K | 4690 lm                      | 123 lm/W                | 5,50 | □      | OPAL |                     | PX3751101 |
| 38 W  | LED 4000 K | 4780 lm                      | 126 lm/W                | 5,50 | □      | OPAL |                     | PX3751119 |
| 38 W  | LED 3000 K | 4760 lm                      | 125 lm/W                | 5,50 | □      | MPRM |                     | PX3751113 |
| 38 W  | LED 4000 K | 4870 lm                      | 128 lm/W                | 5,50 | □      | MPRM |                     | PX3751131 |
| 38 W  | LED 3000 K | 4270 lm                      | 112 lm/W                | 6,25 | □      | OPAL | AW 3H               | PX3751137 |
| 38 W  | LED 4000 K | 4870 lm                      | 128 lm/W                | 6,25 | □      | OPAL | AW 3H               | PX3751155 |
| 38 W  | LED 3000 K | 4760 lm                      | 125 lm/W                | 6,25 | □      | MPRM | AW 3H               | PX3751149 |
| 38 W  | LED 4000 K | 4870 lm                      | 128 lm/W                | 6,25 | □      | MPRM | AW 3H               | PX3751167 |



UNI LED MPRM



UNI LED OPAL

## AKCESORIA ACCESSORIES

### Zawieszenie zwykłe Simple suspension

| [kg] | KOLOR  | KOD       |
|------|--------|-----------|
| [kg] | COLOUR | CODE      |
| 0,10 | INOX   | PX0922143 |

Standardowa długość zwieszki maksymalnie 1,5m  
Standard length of suspension maximum 1,5m

### Zawieszenie elektryczne Electric suspension

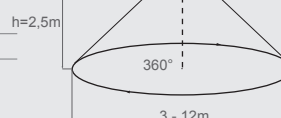
|      |   |           |
|------|---|-----------|
| 0,20 | ■ | PX0922021 |
| 0,20 | □ | PX0922032 |
| 0,20 | ■ | PX0922038 |

Standardowa długość zwieszki maksymalnie 1,5m  
Standard length of suspension maximum 1,5m

Do zawieszenia oprawy potrzebne są: zawieszenie zwykłe - 3 szt., zawieszenie elektryczne - 1 szt.  
To suspend the luminaire you will need: simple suspension - 3 pcs., electrical suspension - 1 pcs.

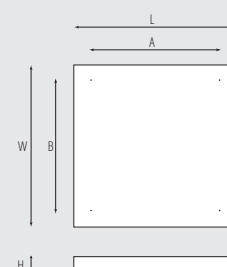
### Czujka ruchu JQ 25B Motion sensor JQ 25B

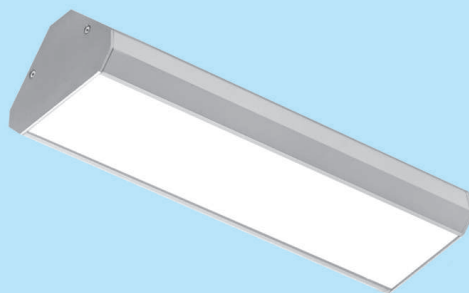
PX3003001



## WYMIARY DIMENSIONS

| L    | W    | H    | A    | B    |
|------|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] | [mm] |
| 595  | 595  | 45   | 500  | 500  |





## VELO IP44 LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

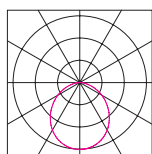
|              | MOC   | ŹRÓDŁO     | STRUMIEŃ OPRAWY           | SKUTECZNOŚĆ OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|--------------|-------|------------|---------------------------|----------------------|------|--------|------|-----------|
|              | POWER | LAMP       | LUMINAIRE'S LUMINOUS FLUX | LUMINAIRE'S EFFICACY | [kg] | COLOUR | INFO | CODE      |
| NAŚCIENNE    | 9 W   | LED 3000 K | 920 lm                    | 102 lm/W             | 1,0  | ■      | OPAL | PX4022193 |
| WALL MOUNTED | 9 W   | LED 4000 K | 950 lm                    | 106 lm/W             | 1,0  | ■      | OPAL | PX4022195 |
| ZWIESZANE    | 9 W   | LED 3000 K | 920 lm                    | 102 lm/W             | 1,0  | ■      | OPAL | PX4022136 |
| SUSPENDED    | 9 W   | LED 4000 K | 950 lm                    | 106 lm/W             | 1,0  | ■      | OPAL | PX4022139 |



## VELO IP44 LED

**Wykonanie:** profil aluminiowy malowany elektrolizacyjnie (w standardzie kolor szary), klosz OPAL z PMMA.  
**Montaż:** naścienny, zwieszany  
**Akcesoria:** zawieszania (zwykłe, elektryczne)  
**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), OPAL diffuser made of PMMA.  
**Installation:** wall mounted, suspended  
**Accessories:** suspension (simple, electric)  
**Power supply:** 220 V - 240 V



VELO IP44 LED

### AKCESORIA ACCESSORIES

#### Zawieszenie zwykłe Simple suspension

#### Zawieszenie elektryczne Electric suspension

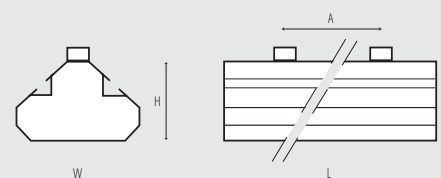
| [kg] | KOLOR  | KOD       | INFO |
|------|--------|-----------|------|
| [kg] | COLOUR | CODE      | INFO |
| 0,10 | INOX   | PX0922143 | *    |
| 0,20 | ■      | PX0922021 | *    |
| 0,20 | □      | PX0922032 | *    |
| 0,20 | ■      | PX0922038 | *    |

\* Standardowa długość zwieszarki maksymalnie 1,5 m  
 \* Standard length of suspension maximum 1,5 m

### WYMIARY DIMENSIONS

| L    | H    | W    | A    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 300  | 64   | 101  | 154  |

Rozstaw otworów A dla wersji naściennej  
 Dimension A for wall mounted version







## VELO LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz mikropryzmatyczny (MPRM) z PMMA lub klosz OPAL z PMMA. Okablowanie przelotowe na zapytanie.

**Montaż:** naścienny, zwieszany

**Akcesoria:** zawieszania (zwykłe i elektryczne), łącznik liniowy, końcówki

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (standard colour: grey), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of PMMA. Through wiring on request.

**Installation:** wall mounted, suspended

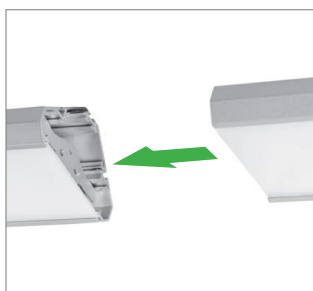
**Accessories:** suspensions (simple and electric), linear joint, end caps

**Power supply:** 220 V - 240 V

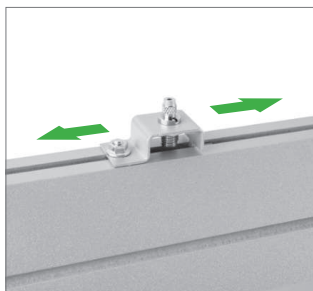
## VELO LED



L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 84



Łatwe łączenie w linię świetlną - okablowanie przelotowe na zapytanie  
Easy inline installation - through wiring on request



Płynna regulacja rozstawu mocowań  
Smooth adjustment of fasteners spacing



Wydajne diody LED  
Efficient LED sources

|                              | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|------------------------------|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
|                              | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE      |
| NAŚCIENNE<br>WALL<br>MOUNTED | 24 W  | LED 3000 K | 2770 lm                      | 115 lm/W                | 2,3  | ■      | OPAL | PX4022813 |
|                              | 24 W  | LED 4000 K | 2830 lm                      | 118 lm/W                | 2,3  | ■      | OPAL | PX4022820 |
|                              | 31 W  | LED 3000 K | 3690 lm                      | 119 lm/W                | 2,9  | ■      | OPAL | PX4022827 |
|                              | 31 W  | LED 4000 K | 3770 lm                      | 122 lm/W                | 2,9  | ■      | OPAL | PX4022834 |
|                              | 38 W  | LED 3000 K | 4620 lm                      | 122 lm/W                | 3,7  | ■      | OPAL | PX4022841 |
|                              | 38 W  | LED 4000 K | 4710 lm                      | 124 lm/W                | 3,7  | ■      | OPAL | PX4022848 |
|                              | 44 W  | LED 3000 K | 5540 lm                      | 126 lm/W                | 4,4  | ■      | OPAL | PX4022855 |
|                              | 44 W  | LED 4000 K | 5650 lm                      | 128 lm/W                | 4,4  | ■      | OPAL | PX4022862 |
|                              | 24 W  | LED 3000 K | 2840 lm                      | 118 lm/W                | 2,3  | ■      | MPRM | PX4022869 |
|                              | 24 W  | LED 4000 K | 2900 lm                      | 121 lm/W                | 2,3  | ■      | MPRM | PX4022876 |
|                              | 31 W  | LED 3000 K | 3780 lm                      | 122 lm/W                | 2,9  | ■      | MPRM | PX4022883 |
|                              | 31 W  | LED 4000 K | 3860 lm                      | 125 lm/W                | 2,9  | ■      | MPRM | PX4022890 |
|                              | 38 W  | LED 3000 K | 4730 lm                      | 124 lm/W                | 3,7  | ■      | MPRM | PX4022897 |
|                              | 38 W  | LED 4000 K | 4830 lm                      | 127 lm/W                | 3,7  | ■      | MPRM | PX4022904 |
|                              | 44 W  | LED 3000 K | 5680 lm                      | 129 lm/W                | 4,4  | ■      | MPRM | PX4022911 |
|                              | 44 W  | LED 4000 K | 5790 lm                      | 132 lm/W                | 4,4  | ■      | MPRM | PX4022918 |
| ZWIESZANE<br>SUSPENDED       | 24 W  | LED 3000 K | 2770 lm                      | 115 lm/W                | 2,3  | ■      | OPAL | PX4022701 |
|                              | 24 W  | LED 4000 K | 2830 lm                      | 118 lm/W                | 2,3  | ■      | OPAL | PX4022708 |
|                              | 31 W  | LED 3000 K | 3690 lm                      | 119 lm/W                | 2,9  | ■      | OPAL | PX4022715 |
|                              | 31 W  | LED 4000 K | 3770 lm                      | 122 lm/W                | 2,9  | ■      | OPAL | PX4022722 |
|                              | 38 W  | LED 3000 K | 4620 lm                      | 122 lm/W                | 3,7  | ■      | OPAL | PX4022729 |
|                              | 38 W  | LED 4000 K | 4710 lm                      | 124 lm/W                | 3,7  | ■      | OPAL | PX4022736 |
|                              | 44 W  | LED 3000 K | 5540 lm                      | 126 lm/W                | 4,4  | ■      | OPAL | PX4022743 |
|                              | 44 W  | LED 4000 K | 5650 lm                      | 128 lm/W                | 4,4  | ■      | OPAL | PX4022750 |
|                              | 24 W  | LED 3000 K | 2840 lm                      | 118 lm/W                | 2,3  | ■      | MPRM | PX4022757 |
|                              | 24 W  | LED 4000 K | 2900 lm                      | 121 lm/W                | 2,3  | ■      | MPRM | PX4022764 |
|                              | 31 W  | LED 3000 K | 3780 lm                      | 122 lm/W                | 2,9  | ■      | MPRM | PX4022771 |
|                              | 31 W  | LED 4000 K | 3860 lm                      | 125 lm/W                | 2,9  | ■      | MPRM | PX4022778 |
|                              | 38 W  | LED 3000 K | 4730 lm                      | 124 lm/W                | 3,7  | ■      | MPRM | PX4022785 |
|                              | 38 W  | LED 4000 K | 4830 lm                      | 127 lm/W                | 3,7  | ■      | MPRM | PX4022792 |
|                              | 44 W  | LED 3000 K | 5680 lm                      | 129 lm/W                | 4,4  | ■      | MPRM | PX4022799 |
|                              | 44 W  | LED 4000 K | 5790 lm                      | 132 lm/W                | 4,4  | ■      | MPRM | PX4022806 |

Okablowanie przelotowe na zapytanie  
Through wiring on request

#### AKCESORIA ACCESSORIES

Łącznik liniowy niewidoczny  
Invisible linear joint

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

0,10 ■ PX0922227 1 kpl. (2szt.) / połączenie  
1 set (2pcs.) / connection

Końcówka  
End cap

|      |   |           |  |
|------|---|-----------|--|
| 0,10 | ■ | PX4022260 |  |
|------|---|-----------|--|

Zawieszenie zwykłe  
Simple suspension

|      |      |           |   |
|------|------|-----------|---|
| 0,10 | INOX | PX0922143 | * |
|------|------|-----------|---|

Zawieszenie elektryczne  
Electric suspension

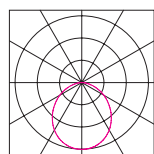
|      |   |           |   |
|------|---|-----------|---|
| 0,20 | ■ | PX0922021 | * |
| 0,20 | □ | PX0922032 | * |
| 0,20 | ■ | PX0922038 | * |

\* Standardowa długość zwieszki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m

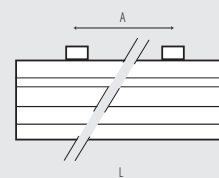
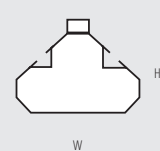
#### WYMIARY DIMENSIONS

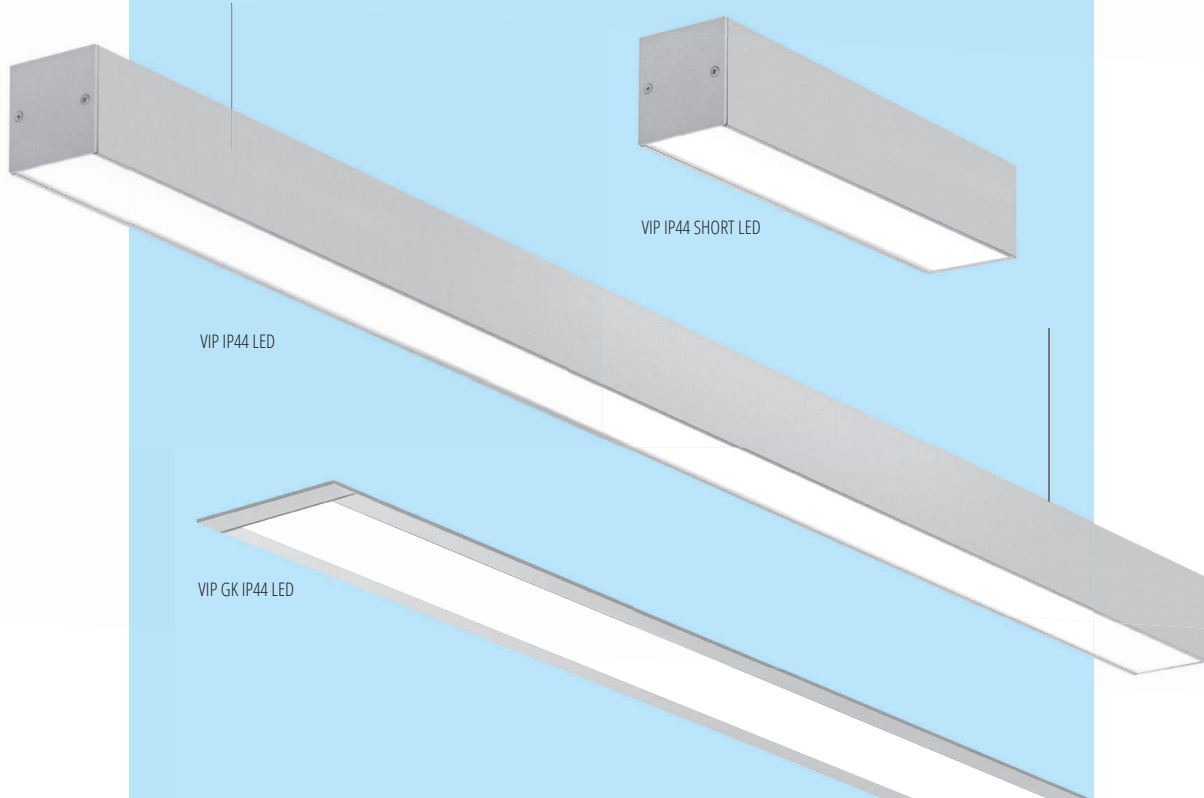
| INFO     | L    | H    | W    | A    |
|----------|------|------|------|------|
| INFO     | [mm] | [mm] | [mm] | [mm] |
| 24 W LED | 875  | 64   | 101  | 475  |
| 31 W LED | 1165 | 64   | 101  | 765  |
| 38 W LED | 1455 | 64   | 101  | 1055 |
| 44 W LED | 1745 | 64   | 101  | 1345 |

Rozstaw otworów A dla wersji naściennej  
Dimension A for wall mounted version



VELO LED





## VIP IP44 LED • VIP G/K IP44 LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary). Klosze OPAL lub MPRM. Końcówki w komplecie.

**Montaż:**

VIP IP44 SHORT LED: nastropowy (łącznik sufitowy w komplecie), ścienny

VIP IP44 LED: zwieszany, nastropowy, ścienny

VIP G/K IP44 LED: do wpuszczenia w sufit gipsowo-kartonowy G/K

**Akcesoria:** łącznik ścienny, łącznik sufitowy, łącznik liniowy

**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (gray colour as a standard). OPAL or MPRM diffuser. End caps in set.

**Installation:**

VIP IP44 SHORT LED: ceiling mounted (ceiling joint included), wall mounted

VIP IP44 LED: suspended, ceiling mounted, wall mounted

VIP G/K IP44 LED: into plaster-cardboard ceiling

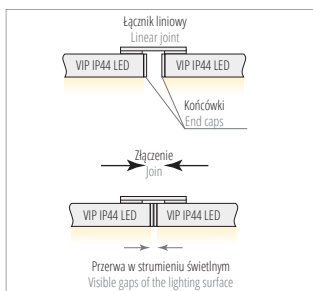
**Accessories:** wall joint, ceiling joint, linear joint

**Power supply:** 220 V - 240 V

## VIP IP44 LED



L80 B10 &gt;54 000h • SDCM3 • LLMF 85% • CRI 84

VIP IP44 SHORT LED - widok od góry  
VIP IP44 SHORT LED - plan viewVIP IP44 LED - linia świetlna  
VIP IP44 LED - light lineVIP IP44 SHORT LED włączony  
VIP IP44 SHORT LED "ON"

| MOC                | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]     | KOLOR  | INFO | KOD       |
|--------------------|--------|------------------------------|-------------------------|----------|--------|------|-----------|
| POWER              | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]     | COLOUR | INFO | CODE      |
| VIP IP44 SHORT LED | 9 W    | LED 3000 K                   | 580 lm                  | 64 lm/W  | 1,0    | OPAL | PX0919043 |
|                    | 9 W    | LED 4000 K                   | 590 lm                  | 66 lm/W  | 1,0    | OPAL | PX0919050 |
|                    | 17 W   | LED 3000 K                   | 1380 lm                 | 81 lm/W  | 1,6    | OPAL | PX4070401 |
|                    | 17 W   | LED 4000 K                   | 1410 lm                 | 83 lm/W  | 1,6    | OPAL | PX4070408 |
| VIP IP44 LED       | 24 W   | LED 3000 K                   | 2070 lm                 | 86 lm/W  | 2,3    | OPAL | PX4070415 |
|                    | 24 W   | LED 4000 K                   | 2110 lm                 | 88 lm/W  | 2,3    | OPAL | PX4070422 |
|                    | 31 W   | LED 3000 K                   | 2760 lm                 | 89 lm/W  | 2,9    | OPAL | PX4070429 |
|                    | 31 W   | LED 4000 K                   | 2820 lm                 | 91 lm/W  | 2,9    | OPAL | PX4070436 |
|                    | 17 W   | LED 3000 K                   | 2040 lm                 | 120 lm/W | 1,6    | MPRM | PX4070443 |
|                    | 17 W   | LED 4000 K                   | 2080 lm                 | 122 lm/W | 1,6    | MPRM | PX4070450 |
|                    | 24 W   | LED 3000 K                   | 3070 lm                 | 128 lm/W | 2,3    | MPRM | PX4070457 |
|                    | 24 W   | LED 4000 K                   | 3130 lm                 | 130 lm/W | 2,3    | MPRM | PX4070464 |
|                    | 31 W   | LED 3000 K                   | 4080 lm                 | 132 lm/W | 2,9    | MPRM | PX4070471 |
|                    | 31 W   | LED 4000 K                   | 4170 lm                 | 135 lm/W | 2,9    | MPRM | PX4070478 |

Łącznik liniowy umożliwia tworzenie linii świetlnych VIP IP44 LED.

Jednakże należy wziąć pod uwagę, że widoczne będą przerwy w strumieniu świetlnym pomiędzy oprawami spowodowane grubością końcówek stykających się opraw.

Linear joining kit allows to pair VIP IP44 LED into light lines, however it has to be taken into consideration that thickness of the end caps between joined luminaires will cause visible gaps of the lighting surface.

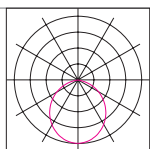


## VIP G/K IP44 LED

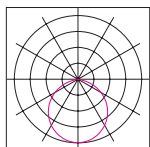


L80 B10 &gt;54000h • SDCM3 • LLMF 85% • CRI 84

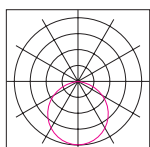
| MOC              | ŹRÓDŁO | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg]    | KOLOR  | INFO | KOD       |
|------------------|--------|------------------------------|-------------------------|---------|--------|------|-----------|
| POWER            | LAMP   | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg]    | COLOUR | INFO | CODE      |
| VIP G/K IP44 LED | 17 W   | LED 3000 K                   | 1380 lm                 | 81 lm/W | 1,5    | OPAL | PX4070485 |
|                  | 17 W   | LED 4000 K                   | 1410 lm                 | 83 lm/W | 1,5    | OPAL | PX4070492 |
|                  | 24 W   | LED 3000 K                   | 2070 lm                 | 86 lm/W | 2,2    | OPAL | PX4070499 |
|                  | 24 W   | LED 4000 K                   | 2110 lm                 | 88 lm/W | 2,2    | OPAL | PX4070506 |
|                  | 31 W   | LED 3000 K                   | 2760 lm                 | 89 lm/W | 2,9    | OPAL | PX4070513 |
|                  | 31 W   | LED 4000 K                   | 2820 lm                 | 91 lm/W | 2,9    | OPAL | PX4070520 |



VIP IP44 SHORT LED



VIP IP44 LED



VIP IP44 G/K LED

AKCESORIA  
ACCESSORIESŁącznik ścienny  
Wall joint

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

0,08 ■ PX0922206 2szt./2pcs

Łącznik ścienny  
do wersji SHORT  
Wall joint  
for SHORT version

0,23 ■ PX0926080 2szt./2pcs

Łącznik sufitowy  
Ceiling joint

0,08 ■ PX0922164 2szt./2pcs

Łącznik liniowy  
Linear joint

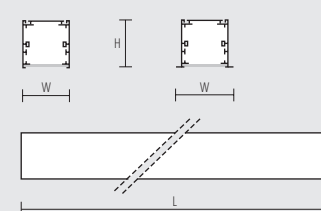
0,20 ■ PX0922329 1szt./1pcs

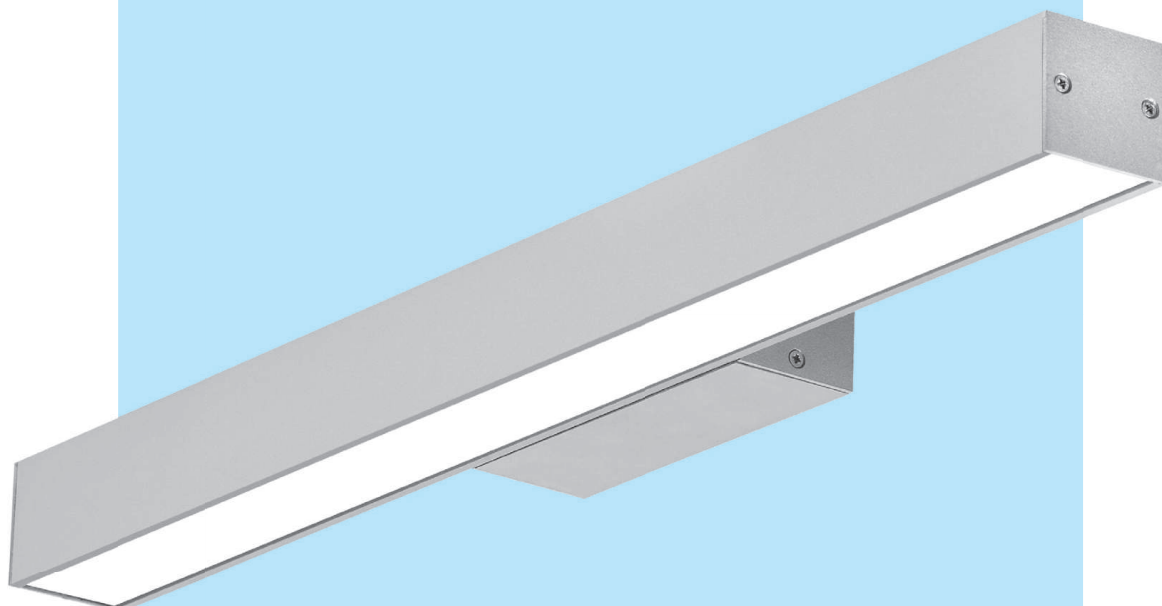
WYMIARY  
DIMENSIONS

|                    | INFO | L    | W    | H    |
|--------------------|------|------|------|------|
|                    | INFO | [mm] | [mm] | [mm] |
| VIP IP44 SHORT LED | 9 W  | 300  | 65   | 65   |
|                    | 17 W | 589  | 65   | 65   |
|                    | 24 W | 879  | 65   | 65   |
| VIP IP44 LED       | 31 W | 1169 | 65   | 65   |
|                    | 17 W | 615  | 86   | 65   |
|                    | 24 W | 905  | 86   | 65   |
| VIP G/K IP44 LED   | 31 W | 1195 | 86   | 65   |

VIP IP44 LED

VIP G/K IP44 LED





# VIP KINKIET IP44 LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 17 W  | LED 3000 K | 940 lm                       | 55 lm/W                 | 1,1  | ■      | PX0918220 |
| 17 W  | LED 4000 K | 960 lm                       | 56 lm/W                 | 1,1  | ■      | PX0918225 |



## VIP KINKIET IP44

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz OPAL z poliwęglanu.

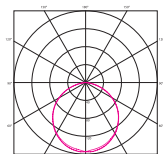
**Montaż:** naścienny

**Zasilanie:** 220 V - 240 V

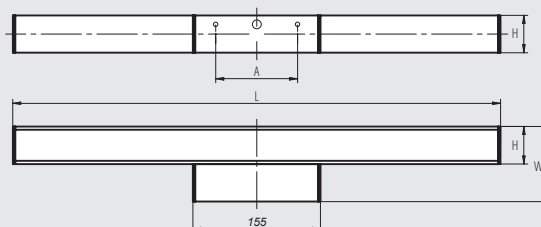
**Materials:** electrostatically painted aluminum profile (standard gray), OPAL polycarbonate diffuser.

**Installation:** wall mounted

**Power supply:** 220 V - 240 V



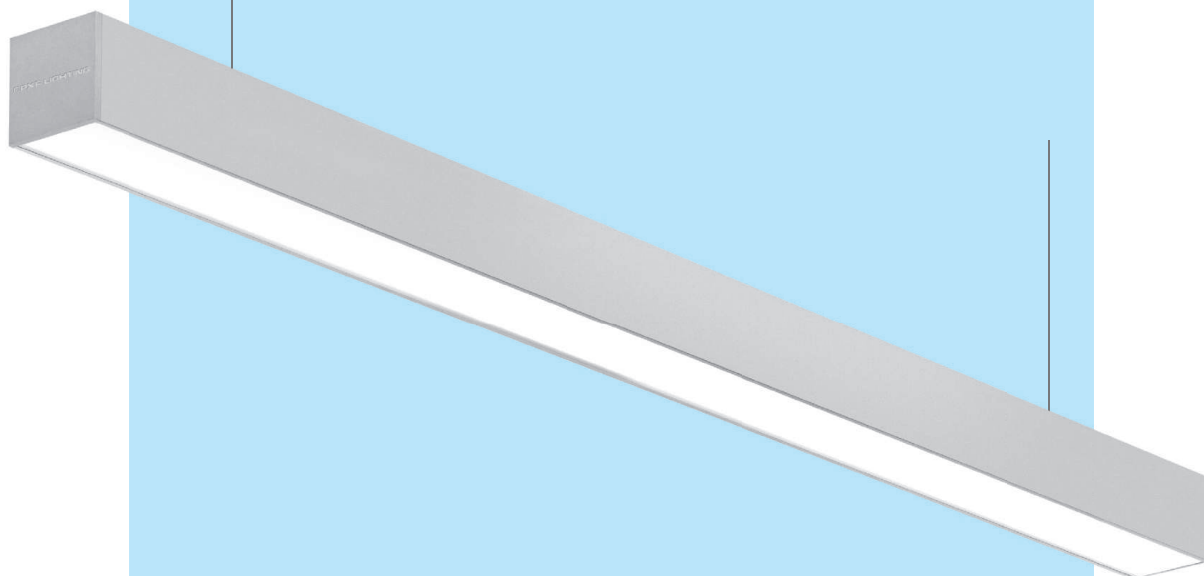
VIP KINKIET IP44



WYMIARY  
DIMENSIONS

| L    | H    | W    | A    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 595  | 46   | 92   | 100  |





# VIP LED



L80 B10 >54000h • SDCM3 • LLMF 85% • CRI 84

UWAGA: W standardzie oprawa występuje bez okablowania przelotowego!  
ATTENTION:  
Standard version without through wiring!

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | INFO | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | INFO | CODE      |
| 17 W  | LED 3000 K | 1380 lm                      | 81 lm/W                 | 1,5  | ■      | OPAL | PX4070101 |
| 17 W  | LED 4000 K | 1410 lm                      | 83 lm/W                 | 1,5  | ■      | OPAL | PX4070108 |
| 24 W  | LED 3000 K | 2070 lm                      | 86 lm/W                 | 2,2  | ■      | OPAL | PX4070115 |
| 24 W  | LED 4000 K | 2110 lm                      | 88 lm/W                 | 2,2  | ■      | OPAL | PX4070122 |
| 31 W  | LED 3000 K | 2760 lm                      | 89 lm/W                 | 2,8  | ■      | OPAL | PX4070129 |
| 31 W  | LED 4000 K | 2820 lm                      | 91 lm/W                 | 2,8  | ■      | OPAL | PX4070136 |
| 38 W  | LED 3000 K | 3450 lm                      | 91 lm/W                 | 3,4  | ■      | OPAL | PX4070143 |
| 38 W  | LED 4000 K | 3520 lm                      | 93 lm/W                 | 3,4  | ■      | OPAL | PX4070150 |
| 44 W  | LED 3000 K | 4140 lm                      | 94 lm/W                 | 4,1  | ■      | OPAL | PX4070157 |
| 44 W  | LED 4000 K | 4220 lm                      | 96 lm/W                 | 4,1  | ■      | OPAL | PX4070164 |
| 52 W  | LED 3000 K | 4830 lm                      | 93 lm/W                 | 4,8  | ■      | OPAL | PX4070171 |
| 52 W  | LED 4000 K | 4930 lm                      | 95 lm/W                 | 4,8  | ■      | OPAL | PX4070178 |
| 17 W  | LED 3000 K | 2040 lm                      | 120 lm/W                | 1,5  | ■      | MPRM | PX4070201 |
| 17 W  | LED 4000 K | 2080 lm                      | 122 lm/W                | 1,5  | ■      | MPRM | PX4070208 |
| 24 W  | LED 3000 K | 3070 lm                      | 128 lm/W                | 2,2  | ■      | MPRM | PX4070215 |
| 24 W  | LED 4000 K | 3130 lm                      | 130 lm/W                | 2,2  | ■      | MPRM | PX4070222 |
| 31 W  | LED 3000 K | 4080 lm                      | 132 lm/W                | 2,8  | ■      | MPRM | PX4070229 |
| 31 W  | LED 4000 K | 4170 lm                      | 135 lm/W                | 2,8  | ■      | MPRM | PX4070236 |
| 38 W  | LED 3000 K | 5100 lm                      | 134 lm/W                | 3,4  | ■      | MPRM | PX4070243 |
| 38 W  | LED 4000 K | 5210 lm                      | 137 lm/W                | 3,4  | ■      | MPRM | PX4070250 |
| 44 W  | LED 3000 K | 6130 lm                      | 139 lm/W                | 4,1  | ■      | MPRM | PX4070257 |
| 44 W  | LED 4000 K | 6260 lm                      | 142 lm/W                | 4,1  | ■      | MPRM | PX4070264 |
| 52 W  | LED 3000 K | 7150 lm                      | 138 lm/W                | 4,8  | ■      | MPRM | PX4070271 |
| 52 W  | LED 4000 K | 7300 lm                      | 140 lm/W                | 4,8  | ■      | MPRM | PX4070278 |

# VIP LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary). Klosze OPAL, MPRM.

**Montaż:** nastrogowy, zwieszany lub ścienny

**Akcesoria:** łącznik (liniowy, 90°, T, X, Y, ścienny, sufitowy); zawieszania (zwykłe, elektryczne), końcówki, okablowanie przelotowe

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted aluminum profile (grey colour in standard). OPAL or MPRM diffusers.

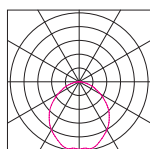
**Installation:** surface mounted, wall mounted or suspended.

**Accessories:** joints (linear joint, 90° joint, T-joint, cross joint, wall joint, Y-joint, ceiling joint); suspensions (simple, electric), end caps

**Power supply:** 220 V - 240 V

AKCESORIA  
ACCESSORIES

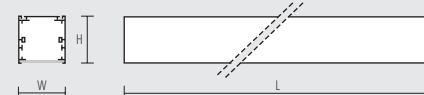
Akcesoria na stronie: 57  
Accessories on page:



VIP LED

WYMIARY  
DIMENSIONS

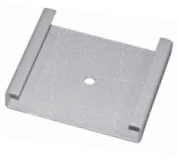
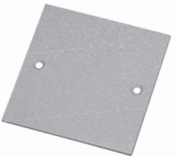
| MOC   | L    | H    | W    |
|-------|------|------|------|
| POWER | [mm] | [mm] | [mm] |
| 17 W  | 585  | 65   | 65   |
| 24 W  | 875  | 65   | 65   |
| 31 W  | 1165 | 65   | 65   |
| 38 W  | 1455 | 65   | 65   |
| 44 W  | 1745 | 65   | 65   |
| 52 W  | 2035 | 65   | 65   |



AKCESORIA VIP LED  
VIP LED ACCESSORIES

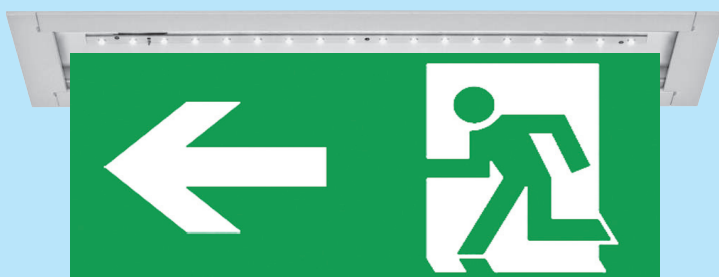
| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <div>Łącznik liniowy niewidoczny</div> <div>Invisible linear joint</div> <div><div>0,10</div><div></div><div>PX0922227</div></div> <div>1 kpl. (2szt.) / połączenie</div> <div>1 set (2pcs) / connection</div>                                                                                                                                                                                                                                                    |   | <div>Zawieszenie zwykłe</div> <div>Simple suspension</div> <div><div>0,10</div><div>INOX</div><div>PX0922143</div><div>*</div></div> <div>1x - 1 szt. / 1 pcs.</div> <div>2x - 3 szt. / 3 pcs.</div> <div>* Standardowa długość zwieszceń maksymalnie 1,5 m</div> <div>* Standard lenght of suspension maximum 1,5 m</div>                                                                                                                                                          |
|    | <div>Łącznik liniowy VIP IP44 LED</div> <div>Linear joint VIP IP44 LED</div> <div><div>0,20</div><div></div><div>PX0922329</div></div> <div>1 kpl. (1szt.) / połączenie</div> <div>1 set (1pcs) / connection</div>                                                                                                                                                                                                                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | <div>Łącznik 90° 1x...</div> <div>90° joint 1x...</div> <div><div>0,90</div><div></div><div>PX0922248</div></div>                                                                                                                                                                                                                                                                                                                                                 |  | <div>Zawieszenie elektryczne</div> <div>Electric suspension</div> <div><div>0,20</div><div></div><div>PX0922021</div><div>*</div></div> <div><div>0,20</div><div></div><div>PX0922032</div><div>*</div></div> <div><div>0,20</div><div></div><div>PX0922038</div><div>*</div></div> <div>* Standardowa długość zwieszceń maksymalnie 1,5 m</div> <div>* Standard lenght of suspension maximum 1,5 m</div>                                                                           |
|    | <div>Łącznik T 1x...</div> <div>T joint 1x...</div> <div><div>0,75</div><div></div><div>PX0922275</div></div>                                                                                                                                                                                                                                                                                                                                                     | <div>Okablowanie przelotowe</div> <div>Through wiring</div>                        | <div><div>0,13</div><div></div><div>PX4070381</div><div>5x L= 585</div></div> <div><div>0,15</div><div></div><div>PX4070383</div><div>5x L= 875</div></div> <div><div>0,20</div><div></div><div>PX4070385</div><div>5x L=1165</div></div> <div><div>0,25</div><div></div><div>PX4070387</div><div>5x L=1455</div></div> <div><div>0,30</div><div></div><div>PX4070389</div><div>5x L=1745</div></div> <div><div>0,35</div><div></div><div>PX4070391</div><div>5x L=2035</div></div> |
|    | <div>Łącznik krzyżowy 1x...</div> <div>Cross joint 1x...</div> <div><div>0,90</div><div></div><div>PX0922283</div></div>                                                                                                                                                                                                                                                                                                                                          |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <div>Łącznik 1xY</div> <div>Joint 1xY</div> <div><div>0,80</div><div></div><div>PX0922285</div></div>                                                                                                                                                                                                                                                                                                                                                             |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <div>VIP 3F - szyna 3-fazowa</div> <div>VIP 3F - 3-phase track</div> <div><div>2,00</div><div></div><div>PX0922332</div></div> <div>VIP DI 1x szyna</div> <div>VIP DI 1x track</div>                                                                                                                                                                                                                                                                              |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <div>Łącznik sufitowy</div> <div>Ceiling joint</div> <div><div>0,08</div><div></div><div>PX0922164</div><div>1x...</div></div> <div>1 kpl. (2szt.) / oprawę</div> <div>1 set (2pcs) / luminaire</div>                                                                                                                                                                                                                                                             |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <div>Łącznik ścienny</div> <div>Wall joint</div> <div><div>0,08</div><div></div><div>PX0922206</div></div> <div>1 kpl. (2szt.) / oprawę</div> <div>1 set (2pcs) / luminaire</div>                                                                                                                                                                                                                                                                                 |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <div>Końcówka PC</div> <div>PC End cap</div> <div><div>0,02</div><div></div><div>PX0922341</div><div>logo PXF</div></div> <div><div>0,02</div><div></div><div>PX0922344</div><div>logo PXF</div></div> <div><div>0,02</div><div></div><div>PX0922347</div><div>logo PXF</div></div> <div><div>0,02</div><div></div><div>PX0922350</div></div> <div><div>0,02</div><div></div><div>PX0922353</div></div> <div><div>0,02</div><div></div><div>PX0922356</div></div> |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <div>Końcówka aluminiowa</div> <div>ALU End cap</div> <div><div>0,05</div><div></div><div>PX0922318</div><div>1x... OPAL</div></div> <div><div>0,05</div><div></div><div>PX0922327</div><div>1x... MPRM</div></div>                                                                                                                                                                                                                                               |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



VIP MASTER



VIP MASTER PANEL



## VIP MASTER • VIP MASTER PANEL

Oprawa awaryjna jedno i dwuzadaniowa, dostępna w wersji z autotestem, do baterii centralnej

**Wykonanie:** obudowa z aluminium malowanego elektrostatycznie w kolorze szarym, klosz z PMMA.

**Montaż:** Wersja NT: naścienny, sufitowy, zwieszany

Wersja G/K: do sufitów podwieszanych G/K i 600x600

**Akcesoria:** łącznik sufitowy/zwieszany, łącznik ścienny

Tylko dla wersji PANEL: piktogram prawo, lewo, dół, piktogram

WYJŚCIE EWAKUACYJNE, piktogram EXIT

**Zasilanie:** 220 V - 240 V

One or double task emergency luminaire, available in versions with autotest, with central battery connection.

**Materials:** housing made of aluminum electrostatically painted in gray, diffuser made of PMMA.

**Installation:** Surface mounted version: wall mounted, ceiling mounted, suspended

G/K version: recessed in suspended G/K (gypsum plasterboard) ceiling and ceilings 600x600 with visible grid

**Accessories:** ceiling/suspending connector, wall connector

Only for PANEL version: pictograms: right, left, down, EMERGENCY EXIT, EXIT.

**Power supply:** 220 V - 240 V

AKCESORIA  
ACCESSORIES

| [kg] | KOLOR  | KOD  |
|------|--------|------|
| [kg] | COLOUR | CODE |

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                     |           |      |                                                                                     |           |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-----------|------|-------------------------------------------------------------------------------------|-----------|
|    | <p>Łącznik sufitowy<br/>Ceiling joint</p> <table><tr><td>0,21</td><td>PX0925801</td></tr></table> <p>Komplet 2szt.<br/>Set 2 pcs.</p>                                                                                                                                                                                                                                                                                                              | 0,21      | PX0925801                                                                           |           |      |                                                                                     |           |
| 0,21                                                                                | PX0925801                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                     |           |      |                                                                                     |           |
|    | <p>Łącznik ścienny<br/>Wall joint</p> <table><tr><td>0,23</td><td>PX0926080</td></tr></table> <p>Komplet 2szt.<br/>Set 2 pcs.</p>                                                                                                                                                                                                                                                                                                                  | 0,23      | PX0926080                                                                           |           |      |                                                                                     |           |
| 0,23                                                                                | PX0926080                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                     |           |      |                                                                                     |           |
|    | <p>Piktogram PRAWO<br/>Pictogram RIGHT</p> <table><tr><td>0,10</td><td>PX0925522</td></tr></table>                                                                                                                                                                                                                                                                                                                                                 | 0,10      | PX0925522                                                                           |           |      |                                                                                     |           |
| 0,10                                                                                | PX0925522                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                     |           |      |                                                                                     |           |
|    | <p>Piktogram LEWO<br/>Pictogram LEFT</p> <table><tr><td>0,10</td><td>PX0925515</td></tr></table>                                                                                                                                                                                                                                                                                                                                                   | 0,10      | PX0925515                                                                           |           |      |                                                                                     |           |
| 0,10                                                                                | PX0925515                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                     |           |      |                                                                                     |           |
|  | <p>Piktogram DÓŁ<br/>Pictogram DOWN</p> <table><tr><td>0,10</td><td>PX0925508</td></tr></table>                                                                                                                                                                                                                                                                                                                                                    | 0,10      | PX0925508                                                                           |           |      |                                                                                     |           |
| 0,10                                                                                | PX0925508                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                     |           |      |                                                                                     |           |
|  | <p>Piktogram WYJŚCIE EWAKUACYJNE<br/>Pictogram WYJŚCIE EWAKUACYJNE</p> <table><tr><td>0,01</td><td>PX0925501</td></tr></table>                                                                                                                                                                                                                                                                                                                     | 0,01      | PX0925501                                                                           |           |      |                                                                                     |           |
| 0,01                                                                                | PX0925501                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                     |           |      |                                                                                     |           |
|  | <p>Piktogram EXIT<br/>Pictogram EXIT</p> <table><tr><td>0,01</td><td>PX0925529</td></tr></table>                                                                                                                                                                                                                                                                                                                                                   | 0,01      | PX0925529                                                                           |           |      |                                                                                     |           |
| 0,01                                                                                | PX0925529                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                                                                     |           |      |                                                                                     |           |
|  | <p>Zawieszenie zwykłe<br/>Simple suspension</p> <table><tr><td>0,10</td><td></td><td>PX0922143</td></tr></table> <p>Standardowa długość zwieszki maksymalnie 1,5m<br/>Standard length of suspension maximum 1,5m</p>                                                                                                                                            | 0,10      |  | PX0922143 |      |                                                                                     |           |
| 0,10                                                                                |                                                                                                                                                                                                                                                                                                                                                                 | PX0922143 |                                                                                     |           |      |                                                                                     |           |
|  | <p>Zawieszenie elektryczne<br/>Electric suspension</p> <table><tr><td>0,20</td><td></td><td>PX0922021</td></tr><tr><td>0,20</td><td></td><td>PX0922032</td></tr></table> <p>Standardowa długość zwieszki maksymalnie 1,5m<br/>Standard length of suspension maximum 1,5m</p> | 0,20      |  | PX0922021 | 0,20 |  | PX0922032 |
| 0,20                                                                                |                                                                                                                                                                                                                                                                                                                                                                 | PX0922021 |                                                                                     |           |      |                                                                                     |           |
| 0,20                                                                                |                                                                                                                                                                                                                                                                                                                                                                 | PX0922032 |                                                                                     |           |      |                                                                                     |           |
|                                                                                     | <p>UWAGA<br/>NOTICE</p> <p>Aby uzyskać oprawę w wersji zwieszanej należy zamówić:<br/>PX0925801 + PX0922143 + PX0922095<br/>To receive luminaire in a suspended version following accessories<br/>should be ordered:<br/>PX0925801 + PX0922143 + PX0922095</p>                                                                                                                                                                                     |           |                                                                                     |           |      |                                                                                     |           |

# VIP MASTER



L80 B50 >50 000h • SDCM3 • LLMF 80% • CRI 80

| ŹRÓDŁO | WERSJA  | TRYB AWARYJNY  | [kg] | KOLOR  | KOD NT    | KOD G/K   |
|--------|---------|----------------|------|--------|-----------|-----------|
| LAMP   | VERSION | EMERGENCY MODE | [kg] | COLOUR | CODE NT   | CODE G/K  |
| 18xLED | NM      | 3 h            | 1,10 | ■      | PX0927099 | PX0927148 |
| 18xLED | M       | 3 h            | 1,10 | ■      | PX0927106 | PX0927155 |
| 18xLED | NM AT   | 3 h            | 1,10 | ■      | PX0927113 | PX0927162 |
| 18xLED | M AT    | 3 h            | 1,10 | ■      | PX0927120 | PX0927169 |
| 18xLED | MAINS   | -              | 1,00 | ■      | PX0927141 | PX0927190 |

# VIP MASTER PANEL



L80 B50 >50 000h • SDCM3 • LLMF 80% • CRI 80

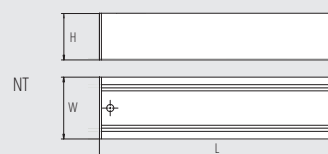
| ŹRÓDŁO | WERSJA  | TRYB AWARYJNY  | [kg] | KOLOR  | KOD NT    | KOD G/K   |
|--------|---------|----------------|------|--------|-----------|-----------|
| LAMP   | VERSION | EMERGENCY MODE | [kg] | COLOUR | CODE NT   | CODE G/K  |
| 18xLED | NM      | 3 h            | 1,60 | ■      | PX0927001 | PX0927050 |
| 18xLED | M       | 3 h            | 1,60 | ■      | PX0927008 | PX0927057 |
| 18xLED | NM AT   | 3 h            | 1,60 | ■      | PX0927015 | PX0927064 |
| 18xLED | M AT    | 3 h            | 1,60 | ■      | PX0927022 | PX0927071 |
| 18xLED | MAINS   | -              | 1,50 | ■      | PX0927043 | PX0927092 |

NM - wersja awaryjna (non - maintained version)  
M - wersja awaryjno - sieciowa (maintained version)  
NM AT - wersja jednozadaniowa z autotestem  
(non - maintained version with autotest)  
M AT - wersja dwuzadaniowa z autotestem  
(maintained version with autotest)  
MAINS - zasilanie 230V AC/DC (mains 230V AC/DC)

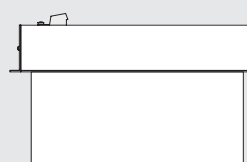
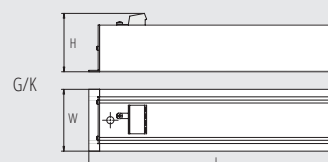
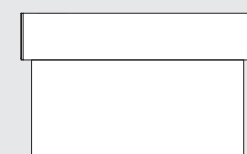
## WYMIARY DIMENSIONS

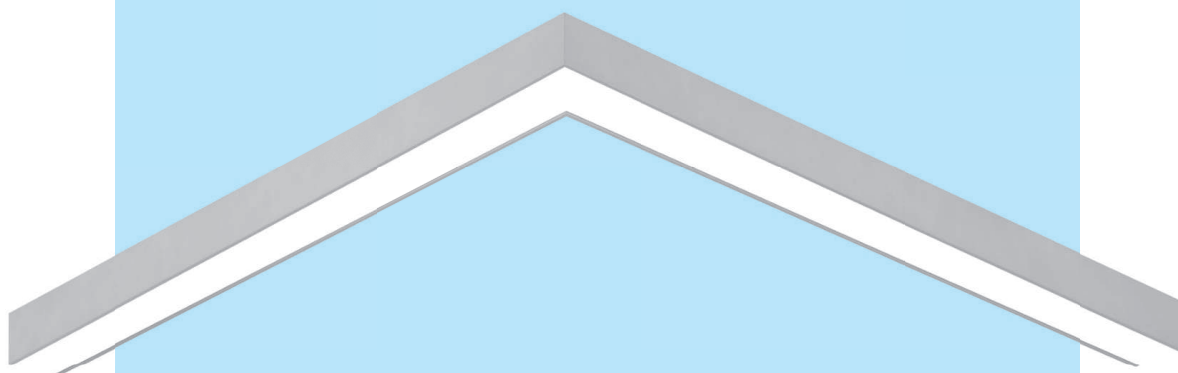
|    | L    | W    | H    |
|----|------|------|------|
|    | [mm] | [mm] | [mm] |
| NT | 357  | 65   | 65   |
| GK | 357  | 87   | 80   |

## VIP MASTER



## VIP MASTER PANEL





# VIP MINI CORNER LED



L80 B10 >54 000h • SDCM3 • LLMF 85% • CRI 84

|                     | MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|---------------------|-------|------------|------------------------------|-------------------------|------|--------|-----------|
|                     | POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| VIP MINI CORNER LED | 31 W  | LED 3000 K | 3388 lm                      | 109 lm/W                | 1,9  | ■      | PX0921024 |
|                     | 31 W  | LED 4000 K | 3454 lm                      | 111 lm/W                | 1,9  | ■      | PX0921026 |



## VIP MINI CORNER LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary). Klosz MPRM.

**Montaż:** nastropowy, zwieszany lub ścienny

**Zasilanie:** 220 V - 240 V

Regulacja DALI, 1-10V na zapytanie

Nie występuje w wersji z modułem awaryjnym

**Materials:** electrostatically painted aluminum profile (gray colour in standard). MPRM diffuser.

**Installation:** surface mounted, wall mounted or suspended

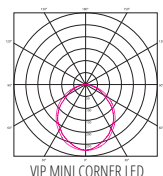
**Power supply:** 220 V - 240 V

DALI, 1-10V regulations on request

Do not available with emergency module

AKCESORIA  
ACCESSORIES

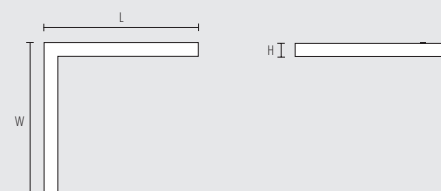
Akcesoria na stronie: 63  
Accessories on page:



VIP MINI CORNER LED

WYMIARY  
DIMENSIONS

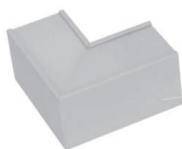
| INFO | L    | W    | H    |
|------|------|------|------|
| INFO | [mm] | [mm] | [mm] |
| 31 W | 611  | 611  | 46   |

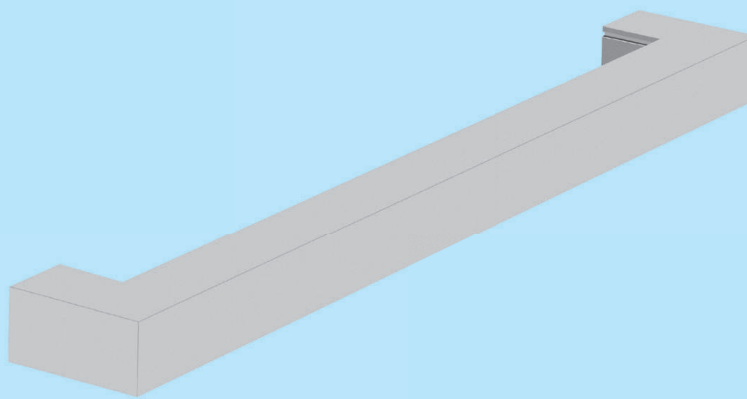




AKCESORIA VIP MINI  
ACCESSORIES

| [kg] | KOLOR  | KOD  | INFO |
|------|--------|------|------|
| [kg] | COLOUR | CODE | INFO |

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <div>Łącznik liniowy niewidoczny</div> <div>Invisible linear joint</div> <div><div>0,01</div><div></div><div>PX0922405</div></div> <div>1 kpl. (2szt.) / połączenie</div> <div>1 set (2pcs) / connection</div>                                                                                                                                                                                                                                                                                                                                                                   |
|    | <div>Łącznik 90°</div> <div>90° joint</div> <div><div>0,20</div><div></div><div>PX0922410</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|    | <div>Łącznik T</div> <div>T joint</div> <div><div>0,22</div><div></div><div>PX0922415</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|    | <div>Łącznik krzyżowy</div> <div>Cross joint</div> <div><div>0,30</div><div></div><div>PX0922420</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <div>Końcówka</div> <div>End cap</div> <div><div>0,01</div><div></div><div>PX0922425</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  | <div>Łącznik sufitowy</div> <div>Ceiling joint</div> <div><div>0,01</div><div></div><div>PX0922435</div></div> <div>1 kpl. (2szt.) / oprawę</div> <div>1 set (2pcs.) / luminaire</div>                                                                                                                                                                                                                                                                                                                                                                                         |
|  | <div>Łącznik ścienny</div> <div>Wall joint</div> <div><div>0,04</div><div></div><div>PX0922430</div></div> <div>1 kpl. (2szt.) / oprawę</div> <div>1 set (2pcs.) / luminaire</div>                                                                                                                                                                                                                                                                                                                                                                                             |
|  | <div>Zawieszenie zwykłe</div> <div>Simple suspension</div> <div><div>0,10</div><div>INOX</div><div>PX0922143</div><div>*</div></div> <div>* Standardowa długość zwieszni maksymalnie 1,5 m</div> <div>* Standard lenght of suspension maximum 1,5 m</div>                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | <div>Zawieszenie elektryczne</div> <div>Electric suspension</div> <div><div>0,20</div><div></div><div>PX0922021</div><div>*</div></div> <div><div>0,20</div><div></div><div>PX0922032</div><div>*</div></div> <div><div>0,20</div><div></div><div>PX0922038</div><div>*</div></div> <div>* Standardowa długość zwieszni maksymalnie 1,5 m</div> <div>* Standard lenght of suspension maximum 1,5 m</div> |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



## VIP MINI KINKIET LED



L80 B10 >54 000h • SDCM 3 • LLMF 85% • CRI 84

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | COLOUR | CODE      |
| 9 W   | LED 3000 K | 460 lm                       | 51 lm/W                 | 0,8  | ■      | PX0960143 |
| 9 W   | LED 4000 K | 470 lm                       | 52 lm/W                 | 0,8  | ■      | PX0960150 |
| 17 W  | LED 3000 K | 940 lm                       | 55 lm/W                 | 1,2  | ■      | PX0960157 |
| 17 W  | LED 4000 K | 960 lm                       | 56 lm/W                 | 1,2  | ■      | PX0960164 |



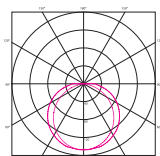
## VIP MINI KINKIET

**Wykonanie:** profil aluminiowy malowany elektrolitycznie  
(w standardzie kolor szary). Klosz OPAL.

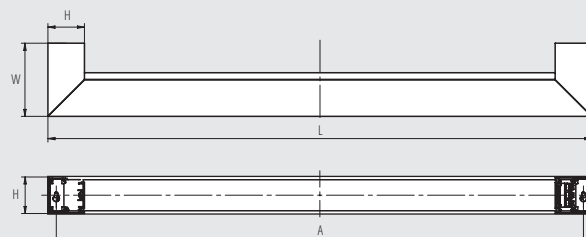
**Montaż:** naścienny  
**Zasilanie:** 220 V - 240 V

**Materials:** electrostatically painted aluminum profile (gray  
colour in standard). OPAL diffuser.

**Installation:** wall mounted  
**Power supply:** 220 V - 240 V

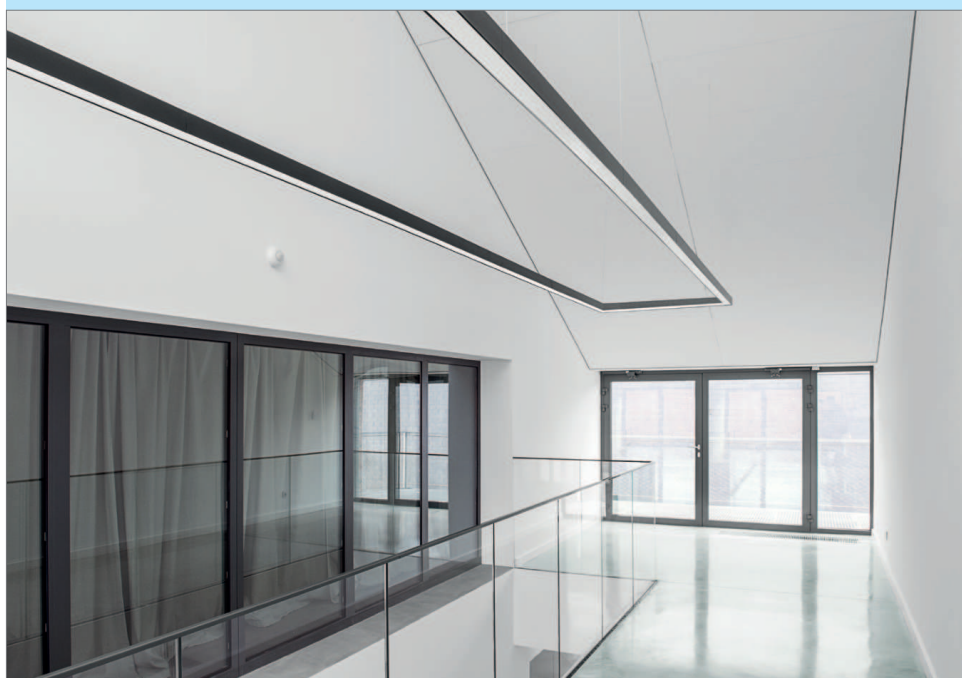
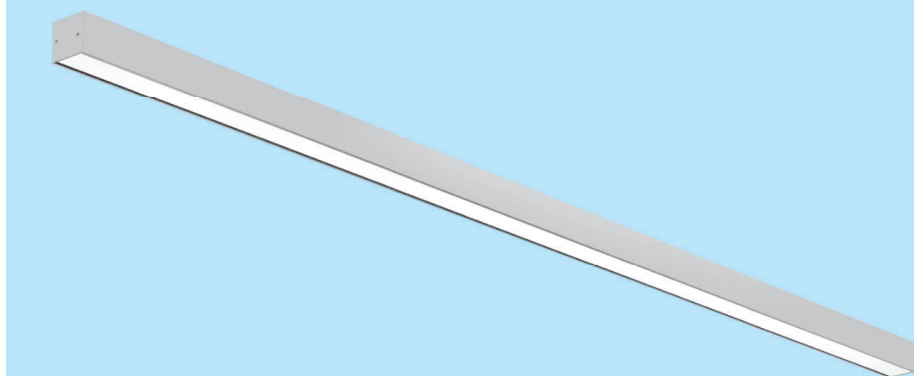


VIP MINI KINKIET LED



WYMIARY  
DIMENSIONS

| INFO     | L    | H    | W    | A    |
|----------|------|------|------|------|
| INFO     | [mm] | [mm] | [mm] | [mm] |
| 9 W LED  | 394  | 46   | 92   | 372  |
| 17 W LED | 684  | 46   | 92   | 662  |



## VIP MINI LED

**Wykonanie:** profil aluminiowy malowany elektrolitycznie (w standardzie kolor szary), klosz mikropryzmatyczny MPRM lub OPAL

**Montaż:** nastropowy, zwieszany lub ścienny

**Akcesoria:** łącznik (liniowy, 90°, T, X, ścienny, sufitowy); końcówki, zawieszania (zwykłe, elektryczne),

**Zasilanie:** 220 V - 240 V

Regulacja DALI, 1-10V - na zapytanie

Nie występuje w wersji z modulem awaryjnym

**Materials:** powder painted aluminum profile (grey colour in standard), microprismatic MPRM diffuser, OPAL diffuser

**Installation:** surface mounted, wall mounted or suspended

**Accessories:** joints (linear joint, 90° joint, T-joint, cross joint, wall joint, ceiling joint); suspensions (simple, electric), end caps

**Power supply:** 220 V - 240 V

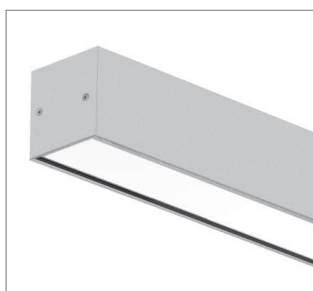
DALI, 1-10V regulations on request

Do not available with emergency module

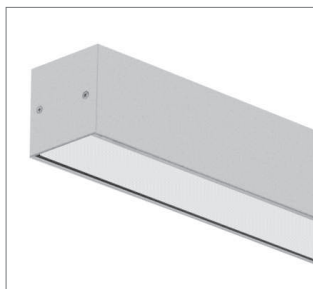
# VIP MINI LED



L80 B10 >54 000h • SDCM3 • LLMF 85% • CRI 84



VIP MINI LED - Moss OPAL  
VIP MINI LED - OPAL diffuser



VIP MINI LED - Moss MPRM  
VIP MINI LED - MPRM diffuser



VIP MINI LED

NEW  
NEW  
NEW  
NEW  
NEW  
NEW  
NEW  
NEW  
NEW

VIP MINI DI LED

VIP MINI IN LED

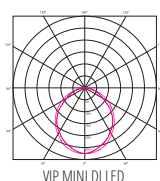
| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY           | SKUTECZNOŚĆ<br>OPRAWY   | [kg] | INFO | KOLOR  | KOD       |
|-------|------------|------------------------------|-------------------------|------|------|--------|-----------|
| POWER | LAMP       | LUMINAIRE'S<br>LUMINOUS FLUX | LUMINAIRE'S<br>EFFICACY | [kg] | INFO | COLOUR | CODE      |
| 17 W  | LED 3000 K | 2070 lm                      | 122 lm/W                | 1,0  | OPAL | ■      | PX0921096 |
| 17 W  | LED 4000 K | 2140 lm                      | 126 lm/W                | 1,0  | OPAL | ■      | PX0921098 |
| 24 W  | LED 3000 K | 2960 lm                      | 123 lm/W                | 1,4  | OPAL | ■      | PX0921100 |
| 24 W  | LED 4000 K | 3050 lm                      | 127 lm/W                | 1,4  | OPAL | ■      | PX0921102 |
| 31 W  | LED 3000 K | 3820 lm                      | 123 lm/W                | 1,8  | OPAL | ■      | PX0921084 |
| 31 W  | LED 4000 K | 3940 lm                      | 127 lm/W                | 1,8  | OPAL | ■      | PX0921086 |
| 38 W  | LED 3000 K | 4710 lm                      | 124 lm/W                | 2,2  | OPAL | ■      | PX0921088 |
| 38 W  | LED 4000 K | 4860 lm                      | 128 lm/W                | 2,2  | OPAL | ■      | PX0921090 |
| 44 W  | LED 3000 K | 5460 lm                      | 124 lm/W                | 2,6  | OPAL | ■      | PX0921092 |
| 44 W  | LED 4000 K | 5630 lm                      | 128 lm/W                | 2,6  | OPAL | ■      | PX0921094 |
| 17 W  | LED 3000 K | 2310 lm                      | 136 lm/W                | 1,0  | MPRM | ■      | PX0921052 |
| 17 W  | LED 4000 K | 2390 lm                      | 141 lm/W                | 1,0  | MPRM | ■      | PX0921054 |
| 24 W  | LED 3000 K | 3300 lm                      | 138 lm/W                | 1,4  | MPRM | ■      | PX0921056 |
| 24 W  | LED 4000 K | 3400 lm                      | 142 lm/W                | 1,4  | MPRM | ■      | PX0921058 |
| 31 W  | LED 3000 K | 4260 lm                      | 137 lm/W                | 1,8  | MPRM | ■      | PX0921061 |
| 31 W  | LED 4000 K | 4400 lm                      | 142 lm/W                | 1,8  | MPRM | ■      | PX0921068 |
| 38 W  | LED 3000 K | 5260 lm                      | 138 lm/W                | 2,2  | MPRM | ■      | PX0921075 |
| 38 W  | LED 4000 K | 5420 lm                      | 143 lm/W                | 2,2  | MPRM | ■      | PX0921082 |
| 44 W  | LED 3000 K | 6100 lm                      | 139 lm/W                | 2,6  | MPRM | ■      | PX0921077 |
| 44 W  | LED 4000 K | 6280 lm                      | 143 lm/W                | 2,6  | MPRM | ■      | PX0921079 |
| 31 W  | LED 3000 K | 4260 lm                      | 137 lm/W                | 1,8  | MPRM | ■      | PX0921029 |
| 31 W  | LED 4000 K | 4400 lm                      | 142 lm/W                | 1,8  | MPRM | ■      | PX0921036 |
| 38 W  | LED 3000 K | 5260 lm                      | 138 lm/W                | 2,2  | MPRM | ■      | PX0921043 |
| 38 W  | LED 4000 K | 5420 lm                      | 143 lm/W                | 2,2  | MPRM | ■      | PX0921050 |

## AKCESORIA ACCESSORIES

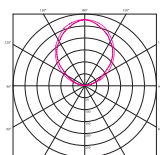
Akcesoria na stronie: 63  
Accessories on page: 63

## WYMIARY DIMENSIONS

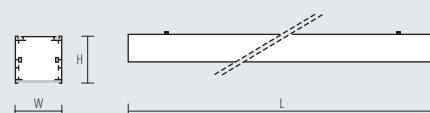
|                 | INFO | L    | H    | W    |
|-----------------|------|------|------|------|
|                 | INFO | [mm] | [mm] | [mm] |
| VIP MINI DI LED | 17 W | 585  | 46   | 46   |
|                 | 24 W | 875  | 46   | 46   |
|                 | 31 W | 1165 | 46   | 46   |
|                 | 38 W | 1455 | 46   | 46   |
|                 | 44 W | 1745 | 46   | 46   |
| VIP MINI IN LED | 31 W | 585  | 46   | 46   |
|                 | 38 W | 875  | 46   | 46   |

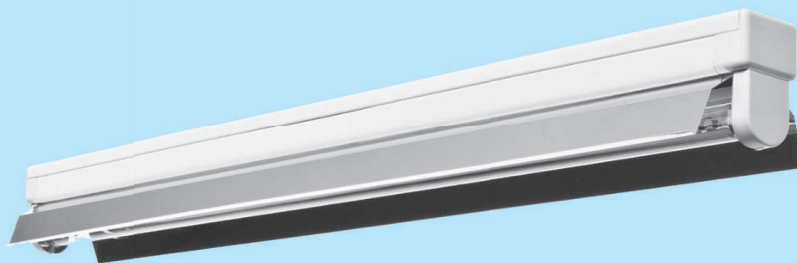


VIP MINI DI LED



VIP MINI IN LED





Lampa o mocy 30 W powinna przypadać na jedno pomieszczenie o objętości do 45m<sup>3</sup>. Duże różnice w odporności poszczególnych mikroorganizmów na promieniowanie UV sprawiają, że czas naświetlania pomieszczeń może być bardzo zróżnicowany.

One 30 W lamp should operate in a room of cubature up to 45m<sup>3</sup>.

Large differences in individual resistance of microorganisms to UV radiation diversifies the room exposure time.

## POKER BAKTERIO



| MOC    | ŹRÓDŁO                 | [kg]                    | KOLOR  | INFO                                                               | KOD       |
|--------|------------------------|-------------------------|--------|--------------------------------------------------------------------|-----------|
| POWER  | LAMP                   | [kg]                    | COLOUR | INFO                                                               | CODE      |
| 1x30 W | T8 /G13/ OSRAM HNS 30W | 1,57                    | □      | WG                                                                 | PX1804101 |
|        |                        | UVC 200 - 280 nm: 13,4W |        | Źródło światła HNS 30W w komplecie / HNS 30W light source included |           |

Oprawa bakteriobójcza bezpośredniego działania przeznaczona do podniesienia i utrzymania poziomu czystości mikrobiologicznej pomieszczeń. Promieniowanie emitowane przez źródło światła nieodwracalnie niszczy bakterie, wirusy, pleśnie, grzyby i inne drobnoustroje nie pozostawiając możliwości uodpornienia się na tego typu dezynfekcję.

**Zastosowanie:** bloki operacyjne, gabinety zabiegowe, sale chorych, przychodnie lekarskie, laboratoria, apteki, przemysł farmaceutyczny, spożywczy oraz kosmetyczny

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostacyjnie w kolorze białym, odbłyśnik z blachy aluminiowej, oprawki oraz boczki z ABS, osłony oprawek świetłówek zabezpieczające przed promieniowaniem UV

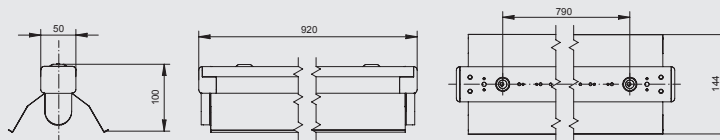
**Montaż:** nastropowy

Germicidal luminaire designed to improve and maintain the level of microbiological cleanliness. Radiation emitted by the lamp irreversibly destroys bacteria, viruses, molds, fungi and other microorganisms without possibility to resist against this type of disinfection.

**Application:** operating units, treatment rooms, wards, clinics, laboratories, pharmacies, pharmaceutical and cosmetic industries, food production facilities

**Materials:** steel housing electrostatically painted in white, aluminum reflector, side panels made of ABS, lamp holders cover protecting against UV rays

**Installation:** ceiling mounted



## VIRUS 215



| MOC    | ŹRÓDŁO                     | [kg] | KOLOR  | KOD       |
|--------|----------------------------|------|--------|-----------|
| POWER  | LAMP                       | [kg] | COLOUR | CODE      |
| 2x15 W | T8 /G13/ OSRAM HNS 15W OFR | 5,80 | □      | PX2083111 |

Bakteriobójcza oprawa przystosowana do pracy ciągłej, obniżająca w powietrzu stężenie mikroorganizmów takich jak wirusy, bakterie, zarodniki grzybów. Oprawa wyposażona w filtr mechaniczny i licznik czasu pracy. Wydajność oprawy do 38 m<sup>3</sup>/h.

**Wykonanie:** obudowa z aluminium malowanego elektrostacyjnie (w standardzie kolor biały), łącznik sufitowy w komplecie.

**Montaż:** naścienny, sufitowy, zwieszany

**Akcesoria:** zawieszenie zwykłe i elektryczne, łącznik ścienny

**Zasilanie:** 220 V - 240 V

Germicidal air sterilizer designed for continuous work, reducing the concentration of microorganisms such as viruses, microbes, fungal spores, etc. in the air. The luminaire is equipped with mechanical filter and working time counter. Efficiency of the luminaire: till 38 m<sup>3</sup>/h.

**Materials:** powder painted, aluminum housing (grey colour in standard), ceiling joint in set

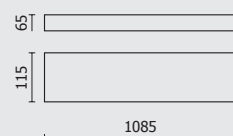
**Installation:** wall mounted, surface mounted

**Accessories:** simple and electric suspension, wall joint

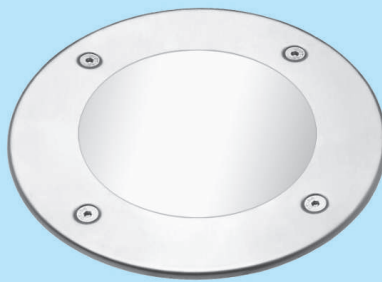
**Power supply:** 220 V - 240 V

|                                                |      |      |           |   |
|------------------------------------------------|------|------|-----------|---|
| Zawieszenie zwykłe<br>Simple suspension        | 0,10 | INOX | PX0922143 | * |
| Zawieszenie elektryczne<br>Electric suspension | 0,20 | ■    | PX0922021 | * |
|                                                | 0,20 | □    | PX0922032 | * |

\* Standardowa długość zwieszki maksymalnie 1,5 m  
\* Standard length of suspension maximum 1,5 m







# WALKER LED

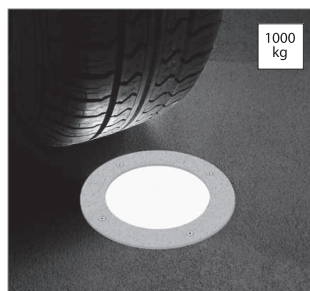


L80 B10 &gt;50 000h • CRI 850

| MOC   | ŹRÓDŁO           | [kg] | KOLOR  | INFO | KOD       |
|-------|------------------|------|--------|------|-----------|
| POWER | LAMP             | [kg] | COLOUR | INFO | CODE      |
| 6,5 W | LED 850 lm 3000K | 1,2  | INOX   | *    | IV1553181 |



Raster  
Louver



Dopuszczalne obciążenie statyczne 1000 kg  
Permissible static load 1000 kg

## WALKER

**Wykonanie:** pierścieni ze stali nierdzewnej INOX, obudowa z tworzywa w kolorze czarnym. Klosz przezroczysty z poliwęglanu o odporności na nacisk do 2000 kg.

**Montaż:** wpuszczany

**Akcesoria:** raster

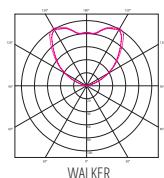
**Zasilanie:** 230 V - 240 V

**Materials:** ring of stainless steel, housing made of plastics in black colour; powder painted, steel sheet body in white colour; reflector made of polished aluminum; polycarbonate diffuser with a load up to 2000 kg.

**Installation:** recessed

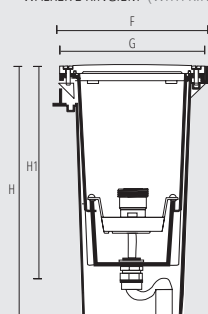
**Accessories:** louver

**Power supply:** 230 V - 240 V



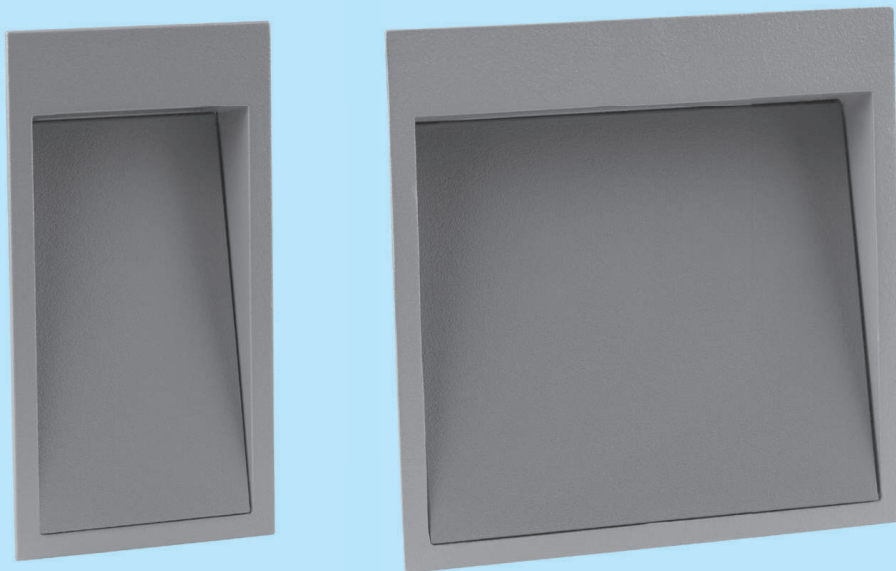
WALKER

WALKER Z RINGIEM (WITH RING)

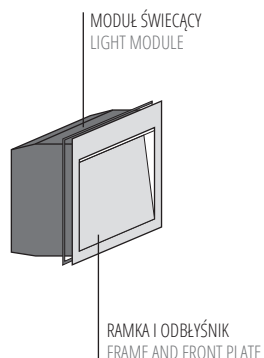


WYMIARY  
DIMENSIONS

|                              | H    | H1   | F    | G    |
|------------------------------|------|------|------|------|
|                              | [mm] | [mm] | [mm] | [mm] |
| WALKER Z RINGIEM / WITH RING | 275  | 233  | 175  | 104  |



# WALL CUT



| MOC   | ŹRÓDŁO            | [kg] | KOD       |
|-------|-------------------|------|-----------|
| POWER | LAMP              | [kg] | CODE      |
| 1,4 W | LED 125lm 3000 K  | 0,6  | IV151047  |
| 1,4 W | LED 125lm 2700 K  | 0,6  | IV1510C47 |
| 4,5 W | LED 500lm 3000 K  | 0,6  | IV151147  |
| 4,5 W | LED 500lm 2700 K  | 0,6  | IV1511C47 |
| 2,8 W | LED 250lm 3000 K  | 1,0  | IV150747  |
| 2,8 W | LED 250lm 2700 K  | 1,0  | IV1507C47 |
| 9 W   | LED 1000lm 3000 K | 1,0  | IV150847  |
| 9 W   | LED 1000lm 2700 K | 1,0  | IV1508C47 |

MODUŁ ŚWIECĄCY  
LIGHT MODULE

WALL CUT 80

WALL CUT 150

RAMKA  
I ODBŁYŚNIK

FRAME  
AND FRONT PLATE

WALL CUT 80

WALL CUT 150

|                                                                          |                |
|--------------------------------------------------------------------------|----------------|
| CZARNA RAMKA + CZARNA PŁYTKA • BLACK + BLACK FRONT PLATE                 | IV28-04093-01  |
| BIAŁA RAMKA + CZARNA PŁYTKA • BLACK + WHITE FRONT PLATE                  | IV28-04093-21  |
| RÓŻOWA RAMKA + RÓŻOWA PŁYTKA • RUST + RUST FRONT PLATE                   | IV28-04093-67  |
| SREBRNA RAMKA + SREBRNA PŁYTKA • SILVER + SILVER FRONT PLATE             | IV28-04093-85  |
| CZARNA RAMKA + SATYNOWANA ZŁOTA PŁYTKA • BLACK + SATINE GOLD FRONT PLATE | IV28-04093-100 |
| CZARNA RAMKA + CZARNA PŁYTKA • BLACK + BLACK FRONT PLATE                 | IV28-04082-01  |
| BIAŁA RAMKA + CZARNA PŁYTKA • BLACK + WHITE FRONT PLATE                  | IV28-04082-21  |
| RÓŻOWA RAMKA + RÓŻOWA PŁYTKA • RUST + RUST FRONT PLATE                   | IV28-04082-67  |
| SREBRNA RAMKA + SREBRNA PŁYTKA • SILVER + SILVER FRONT PLATE             | IV28-04082-85  |

# WALL CUT

**Wykonanie:** obudowa wykonana z odlewu aluminiowego  
ramka zewnętrzna z tworzywa, klosz wykonany z poliwęglanu radeł-  
kowanego

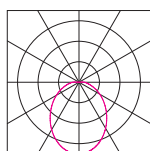
**Montaż:** wpuszczany w ścianę

**Zasilanie:** 220 V - 240 V

**Materials:** housing made of die cast aluminum painted,  
decorative front plate made of thermoplastic material, diffuser  
made of knurled polycarbonate

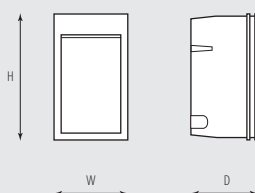
**Installation:** recessed

**Power supply:** 220 V - 240 V

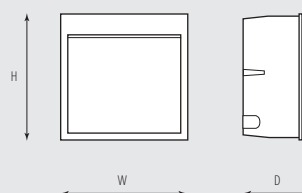


WALL CUT

WALL CUT 80



WALL CUT 150



WYMIARY  
DIMENSIONS

|              | W    | H    | E    |
|--------------|------|------|------|
|              | [mm] | [mm] | [mm] |
| WALL CUT 80  | 80   | 150  | 73   |
| WALL CUT 150 | 150  | 150  | 68   |



# WALL LED



L80 B10 &gt;50 000h • CRI 85

| MOC   | ŹRÓDŁO       | [kg] | KOLOR  | KOD       |
|-------|--------------|------|--------|-----------|
| POWER | LAMP         | [kg] | COLOUR | CODE      |
| 1,5 W | 12xLED 3500K | 0,20 |        | IV1573120 |
| 3 W   | 18xLED 3500K | 0,20 |        | IV1593120 |

# WALL LED

**Wykonanie:** ramka z poliwęglanu PC w kolorze szarym, klosz mleczny z PC, obudowa z PC w kolorze czarnym. Do wyboru moc opraw i kolor diod.

**Montaż:** wpuszczany w ścianę

**Akcesoria:** transformatory elektroniczne

**Zasilanie:** 10V; 24V

**Materials:** polycarbonate frame in grey colour; opal diffuser of polycarbonate, black housing of polycarbonate; power and colour of LED to be chosen

**Installation:** wall recessed

**Accessories:** drivers

**Power supply:** 10V - 24V

AKCESORIA  
ACCESSORIES

| KOLOR  | KOD  | INFO |
|--------|------|------|
| COLOUR | CODE | INFO |

Transformator 10W / 10V DC  
Driver 10W / 10V DC

|                          |            |                     |
|--------------------------|------------|---------------------|
| <input type="checkbox"/> | IV81-04005 | Max. 6 x IV1573120* |
|--------------------------|------------|---------------------|

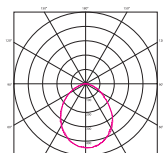
Transformator 20W / 24V DC  
Driver 20W / 24V DC

|                          |            |                     |
|--------------------------|------------|---------------------|
| <input type="checkbox"/> | IV81-04006 | Max. 6 x IV1593120* |
|--------------------------|------------|---------------------|

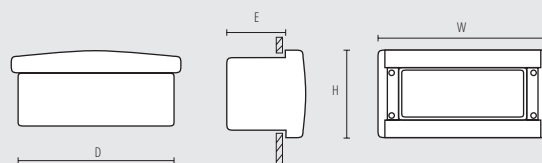
\* Maksymalna odległość pomiędzy transformatorem a oprawami to 30 metrów  
\* Maximum distance between transformer and luminaires - 30 meters

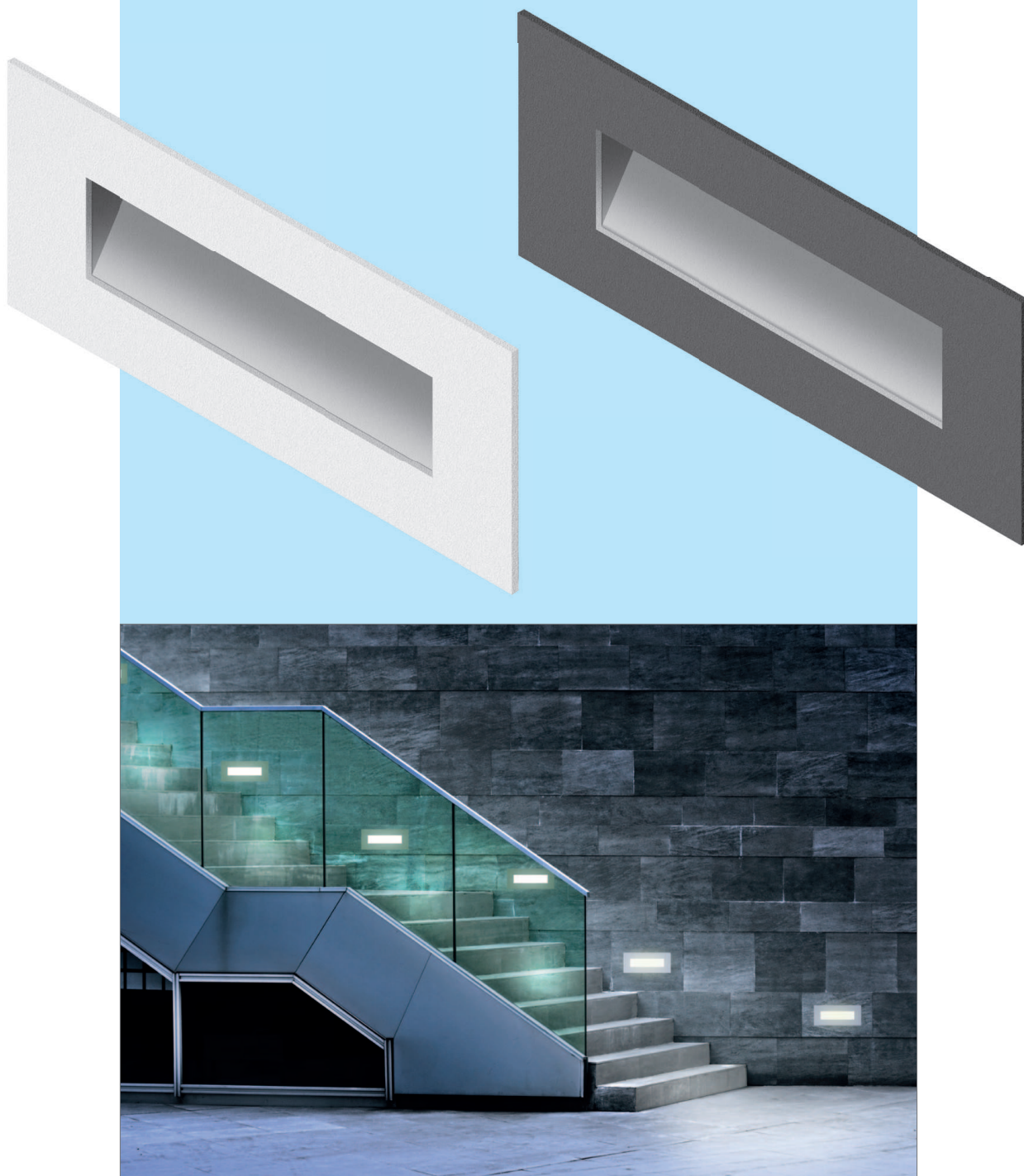
WYMIARY  
DIMENSIONS

| W    | H    | D    | E    |
|------|------|------|------|
| [mm] | [mm] | [mm] | [mm] |
| 155  | 80   | 147  | 47   |



WALL LED 1,5W





## WALL LIGHT LED

**Wykonanie:** obudowa z blachy stalowej malowanej elektrostatycznie. Ramka z aluminium lakierowanego na kolor biały (kolor antracyt na zapytanie). Klosz z poliwęglanu.

**Montaż:** wpuszczany w ścianę

**Zasilanie:** 220 V - 240 V

**Materials:** powder painted steel sheet body, aluminium frame made with aluminium (standard colour: white. Anthracite on request).

Diffuser in clear polycarbonate.

**Installation:** recessed

**Power supply:** 220 V - 240 V

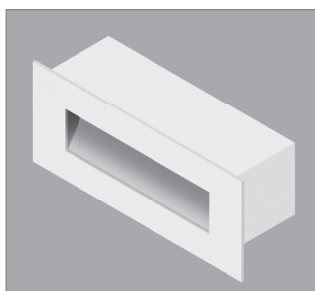
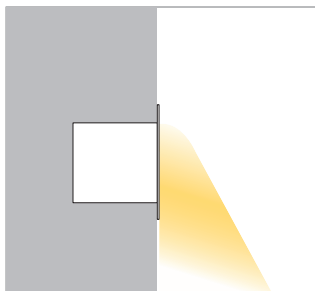
## WALL LIGHT LED

NOWOŚĆ

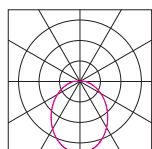


L80 B10 &gt;54 000h • SDCM 3 • LLMF 85% • CRI 80

| MOC   | ŹRÓDŁO     | STRUMIEŃ<br>OPRAWY MPRM          | SKUTECZNOŚĆ<br>OPRAWY MPRM | [kg] | KOLOR  | KOD       |
|-------|------------|----------------------------------|----------------------------|------|--------|-----------|
| POWER | LAMP       | FIXTURE'S LUMINOUS<br>POWER MPRM | FIXTURE'S EFFICACY<br>MPRM | [kg] | COLOUR | CODE      |
| 3 W   | LED 3000 K | 240 lm                           | 80 lm/W                    | 1,40 |        | PX4440001 |
| 3 W   | LED 4000 K | 250 lm                           | 83 lm/W                    | 1,40 |        | PX4440008 |
| 5 W   | LED 3000 K | 480 lm                           | 96 lm/W                    | 1,50 |        | PX4440015 |
| 5 W   | LED 4000 K | 500 lm                           | 100 lm/W                   | 1,50 |        | PX4440022 |
| 10 W  | LED 3000 K | 970 lm                           | 97 lm/W                    | 2,25 |        | PX4440029 |
| 10 W  | LED 4000 K | 1000 lm                          | 100 lm/W                   | 2,25 |        | PX4440036 |

Wersja w kolorze antracyt na zapytanie  
Anthracite version on requestWersja biała - ramka i obudowa  
White version - frame and housingPrzesłona z poliwęglanu - IP65  
Polycarbonate diffuser - IP65Montaż w ścianie  
InstallationWYMIARY  
DIMENSIONS

|     | L    | W    | E    |
|-----|------|------|------|
|     | [mm] | [mm] | [mm] |
| 3W  | 180  | 180  | 80   |
| 5W  | 280  | 120  | 80   |
| 10W | 480  | 120  | 80   |



WALL LIGHT LED