



EN Prime

Modern linear optics with excellent performance, using state-of-the-art technology and high-temperature-resistant PMMA HT.

The housing, made of aluminum alloy and designed as a dedicated heat sink for the LED light source, is powder-coated in RAL 9022. The precision optics enhance brightness and deliver a clean, highly efficient beam of light.



Easy maintenance with the push of a button



Key features

- Programmable chronoSTEP: times and levels according to calculated midnight
- Constant light output function (CLO)
- Configurable via ready2mains, DALI, NFC
- Low-temperature start feature (-40 to +55°C temperature range)
- IK09, IP66 Rated
- Protective features (overtemperature, short-circuit, overload, no-load, input voltage range, reduced surge amplification)
- Anti-corrosion: Salt-resistant
- Available in any RAL colour finish (on request)

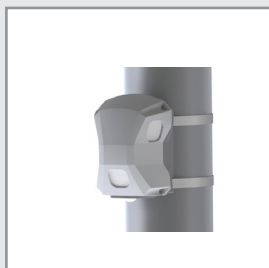
Applications

- Parking lots
- Traffic routes
- Residential areas
- Plazas

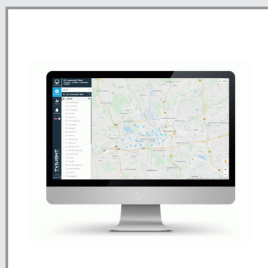
Accessories



CitySense Lite
Zhaga-D4i Motion Sensor,
Street Lighting Solution



CitySense Plus
Motion Detection Sensor,
Wireless Communication
and lighting control



CityManager
Web-based Smart City
software platform for
remote monitoring,
management, and
control of the entire
lighting infrastructure



Twilight's IoT Gateway
Network interface device



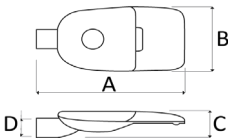
ZHAGA Receptacles
Compliant with Zhaga
Book 18.
Code: ZG-A00-01

Technical Data @4000k

Model No.	EN PRIME S020	EN PRIME S040	EN PRIME S060	EN PRIME S080	EN PRIME M080	EN PRIME M100	EN PRIME M120
Power Consumption (±5%)	20W	39,3W	64,5W	>95W	73,8W	101,1W	>160W
Output current	400mA	500mA	500mA	>800mA	500mA	450mA	>750mA
Luminous flux	2900lm	5109lm	8385lm	>12600lm	10308lm	13803lm	>21500lm
Power Supply	TRIDONIC						
Power input on stand-by	0,15W						
Input Voltage	198 - 264V, 50 /60 Hz						
Overvoltage protection	320V AC, 48h						
Typ. efficiency	(at 230V , 50Hz, full load): 93,50%, (at 230V, 50Hz, full load): 0,98						
Dimming range	5% - 100%						

Dimensions

Model	EN PRIME S	EN PRIME M
Product Dimension	A 525mm x B 250mm x C 102mm x D Ø60	A 625mm x B 290mm x C 105mm x D Ø60
Luminaire Net Weight	5,3 kg	7,2 kg
Fixture Color	RAL 9022 Pearl light grey	
IK Rating	IK09	
IP Rating	IP66	
EPA	EN PRIME S: 0,106m2, EN PRIME M: 0,143m2, EN PRIME L: 0,2055m2	



Optic Information

LED Type	LED 5050
Efficacy(4000K Ra70)	Up to 140lm/W
Correlated Color Temperature	Amber Light, Tunable White (2700K - 6500K) 2700K, 3000K, 4000K
Color Rendering Index	Ra70 (Ra80 optional)

Lifespan and Warranty

Operating Temperature	-40°C to + 55°C
Lifetime of LED	100.000h-L80 B10
Warranty	8 Years

Photometry

