



Flex

A high-performance, high-power floodlight available in a full range from 200W to 1200W—ideal for retrofitting traditional 400W to 3000W fixtures. Its compact modular design allows for quick assembly and flexible installation. The adjustable bracket enables precise aiming, making it easy to tailor light distribution for various applications.



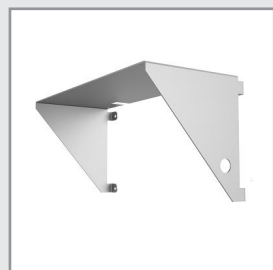
Key features

- Modular design available in power options from 200W to 1200W
- Adjustable vertical tilt allows flexible light direction for diverse outdoor lighting scenarios.
- User-friendly design meets various requirements across outdoor applications.
- Multiple optical options: symmetric beams from 10° to 60°, and asymmetric beams for effective light pollution control.
- High efficiency up to 140 lm/W ensures greater energy savings.
- Integrated surge protection devices available in 10kV or 20kV versions.

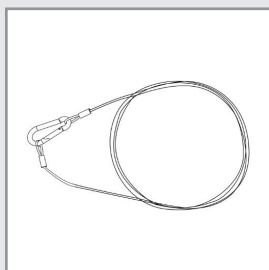
Applications

- Parking lots
- Sport halls
- Square
- Stadium
- For recreational sports (tennis courts, basketball courts...)
- Exhibition center
- Soccer field

Accessories



Visor



Safety rope



Pole mounting adapter



Driver box
(external application)

Technical Data @5000K

Model No.	FLEX-200	FLEX-400	FLEX-600	FLEX-800	FLEX-1K2
Power Consumption (±5%)	200W	400W	600W	800W	1200W
Power Supply	SOSEN			uPowerTek	Inventronics
Input Voltage	220-240VAC, 50 / 60 Hz			200-277VAC, 50/60 Hz	
Power Factor	>0.92				
Surge Protection	10kV line-earth, 6kV line-line		20kV line-earth, 10kV line-line		
Driver Type	Constant Current (CC)				
Control	0-10V dimmable, DALI, DMX				

Optic Information

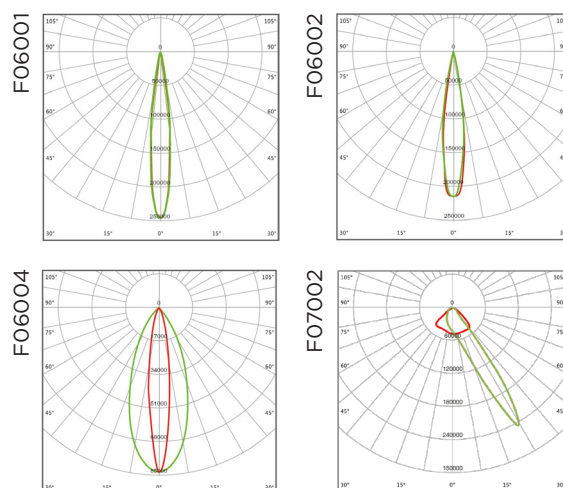
LED Type 1	LED 3737				
Luminous Flux	26000lm	52000lm	78000lm	104000lm	156000lm
Efficacy (5000K Ra70)	130 lm/W				
Beam Angle	F06001, F06002, F06004, F07002				
LED Type 2	LED 5050				
Luminous Flux	28000lm	56000lm	84000lm	112000lm	168000lm
Efficacy	140 lm/W				
Beam Angle	F06003, F06005, F06006, F07001				
Correlated Color Temperature	5000K (4000K, 5700K optional)				
Color Rendering Index	Ra70 (Ra80, Ra90 optional)				

Dimensions and Mount

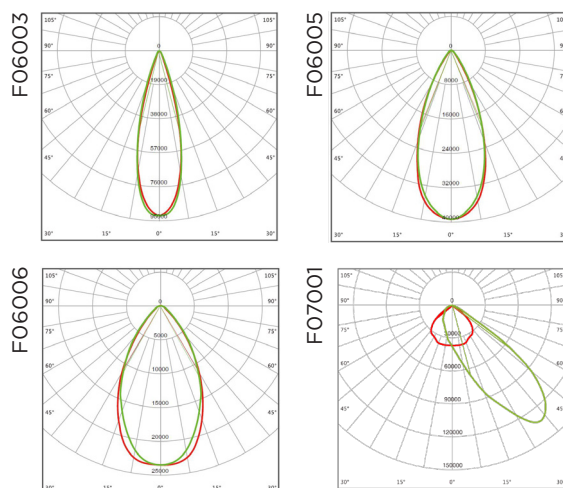
Product Dimension	322x305x120mm	440x335x159mm	562x335x163mm	456x668270mm	578x668270mm
Net Weight	6kg	10.5kg	15kg	17kg	22kg
Driver Box Weight	/			5.4kg	6.6kg
Mounting Option	Bracket mounting				
Material	Aluminum alloy, Polycarbonate optical lens/tempered glass				
Finish	Powder coating				
Fixture Color	Silvery grey (RAL9006)				
EPA	0.07m²	0.11m²	0.16m²	0.22m²	0.34m²
IK Rating	IK08				
IK Rating	IP66				
IK Rating	C3				

Photometry

LED3737



LED5050



Lifespan and Warranty

Operating Temperature -30°C to + 50°C

Life Time of LED 88000hrs-L80
@Ta=25°C

Warranty 5 Years