



SolarPath Inc., established in 2005, is a premier global manufacturer of high-performance solar lighting systems for streets, parks, pathways, parking facilities, and commercial applications. Our solutions are trusted by contractors, municipalities, developers, and distributors in over 40 countries, with more than 200,000 installations worldwide.

Each system is engineered based on site-specific solar radiation conditions to ensure reliable 365-day performance with maximum efficiency. SolarPath delivers fully integrated, turnkey solutions designed to reduce infrastructure costs, enhance operational efficiency, and support long-term sustainability goals.

Key Customers:

- Municipalities & Public Agencies
- Electrical & Infrastructure Contractors
- Master-Planned Community Developers
- Industrial & Manufacturing Facilities
- Schools & Universities
- Hotels & Resorts
- Logistics & Distribution Centers
- Electrical Distributors & Lighting Partners



Why Choose Us

- ✓ Established U.S. Manufacturer Since 2005
- ✓ Full In-House Engineering & Technical Support
- ✓ Site-Specific Solar Design for 365-Day Performance
- ✓ Proven Performance with 200,000+ Installations Worldwide
- ✓ Smart Controls, Dimming & Remote Monitoring Options
- ✓ Durable Materials for Long-Term Outdoor Reliability
- ✓ Meet BAA/BABA if needed



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LED FLOOD LIGHT

HIGHLIGHT SP-EDG Specifications

High-performance LED Street Light fixture is designed to provide reliable, energy-efficient illumination for roads, parking areas, pathways, industrial sites, and other outdoor applications. Its durable housing provides excellent heat dissipation and long-term protection for the LED components, while the high-efficiency optical system delivers bright, uniform light distribution. The adjustable mounting design allows flexible installation and aiming to suit different pole configurations and lighting requirements. With low energy consumption, minimal maintenance, and a long operating life, this fixture is an efficient replacement for traditional outdoor lighting.



Designed for Reliable 365-Day Lighting
Performance



Extended Battery Backup for Low or No Sunlight
Conditions



Engineered for High Wind Resistance up to 190 mph



High-Efficiency LED with Optimized Lumen Output
150,000+ Hour Lifetime | CRI ≥ 70



Intelligent Controller with Automatic Dusk to
Dawn Operation



Easy Installation and Low Maintenance



Up on request



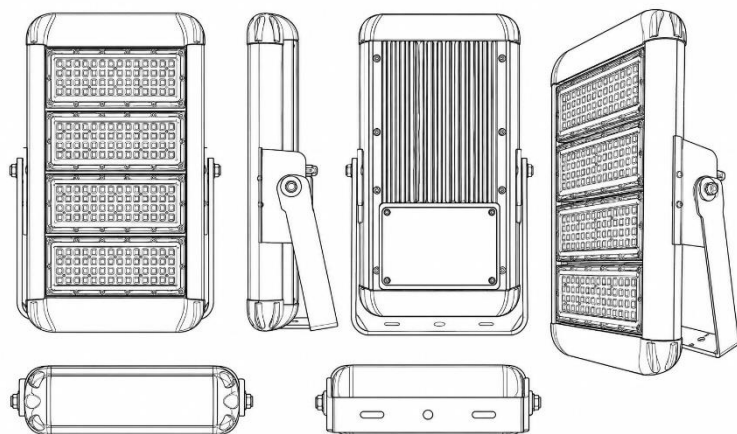
Technical Specifications

Technical specification	
LED Type	Light Source Power
LED-50W-450W	High-efficiency LED lighting solution available from 50W-450W, designed for streets, parking lots, pathways, campuses, and commercial outdoor applications. Built with durable weather-resistant housing, advanced thermal management, and high-lumen output (Up to 63,000Lm) for reliable performance, energy savings, and long service life. Suitable for grid or solar-powered lighting systems.
LED Certifications	LM79 / TM21 / CE / IK08 / IEC62741 / RoHS / EN60529 / EN IEC 55015 / EN61547 / EN IEC 61000-3-2 / EN61000-3-3 / EN IEC60598-1 / EN60598-2 / IEC6231-1 / IEC62321-2 / IEC62321-3-1 / IEC62321-3-2 / IEC62321-4 / IEC62321-5 / IEC62321-6 / IEC62321-7-1 / IEC62321-7-2 / IEC62321-8 / UL / cUL / ETL / DLC Premium / UKCA / FCC / CE / RoHS / DARK SKY
Voltage	100-277 VAC, 277-480 VAC
Distribution type	Type I, II, III, IV, V
Correlated Color Temperature (CCT)	3,000K, 4,000K, 5,000K, 5,500K
CRI (Color rendering index)	70
PF	>0.95
THD	<20%
L85	>150,000H/ >50,000H
Operating Temperature	-40F° ~ 122F°
IP Rating	IP67
IK Rating	IK10
System Option	
0-10V	Optional
Photocell	Optional
DALI	Optional
Smart Control	Optional
Color Options	Grey, Black, Bronze

Fixture Features

- Excellent thermal management system ensures stable operation at 80°C / 100°C ambient temp.
- Long lasting performance L70>100,000 hours.
- IP67 for wet location & IK10 impact resistant for the harshest environment.
- 3G or 5G vibration rated for the most challenging applications.
- Hanging ring or universal bracket for any types of installation, both indoor and outdoor.
- 15 types of optic lens at choice.

Edge series high temperature LED High Bay sets the industry standard with energy efficiency and durability for the longest-lasting performance in high ambient temperature industrial applications including Manufacturing, Power Generation, Water and Wastewater, Pulp and Paper, Metals and Mining, Chemical and Petrochemical and Oil and Gas.



Fixture Dimensions

Model	Power	Efficacy (IES)	Total Lumen	N.W	CRI	LED Chip	Product Dimensions
SP-EDG	50W	140lm/W	7,000lm	5.2kg/11.4lbs	>70	Philips	273x366x245mm 10.7x14.4x9.6"
SP-EDG	100W	140lm/W	14,000lm	7.8kg/17.1lbs	>70	Philips	308x366x245mm 12.1x14.4x9.6"
SP-EDG	150W	140lm/W	21,000lm	9.3kg/20.5lbs	>70	Philips	402x366x245mm 15.8x14.4x9.6"
SP-EDG	200W	140lm/W	28,000lm	10.7kg/23.5lbs	>70	Philips	496x366x245mm 19.5x14.4x9.6"
SP-EDG	300W	140lm/W	42,000lm	16.5kg/36.3lbs	>70	Philips	684x366x245mm 26.9x14.4x9.6"
SP-EDG	450W	140lm/W	63,000lm	28.0kg/61.7lbs	>70	Philips	966x366x245mm 38.0x14.4x9.6"

Installation Options

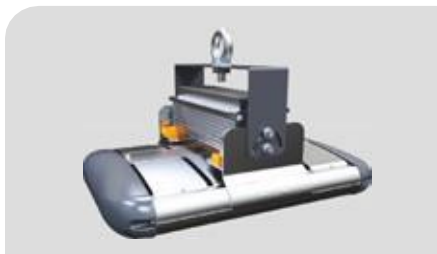
For high performance and long term reliability, the light should be installed in free air.

Hanging Ring Mount

1. Tighten the NUT attached to the hanging ring to ensure the hanging ring is securely connected to the light fixture.
2. Hang the ring to the field supplied by the mounting hook or chain.
3. Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)

Universal Bracket

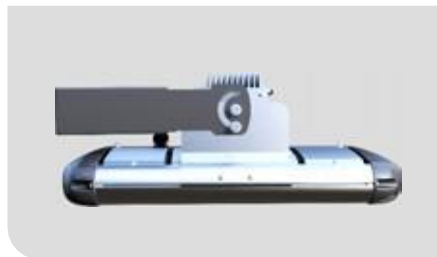
1. Rotate the bracket to the desired angle and tighten screw to lock it.
2. Bolt the universal mounting bracket to the field mounting point. Bolt the center point before the two side points. Tighten the bolts to wrench tight.
3. Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)



Hanging Ring



180°U Bracket



360°Heavy Duty U Bracket



360°Heavy Duty U Bracket + Slip Fitter

Ordering Guide

Ordering Guide : HIGHLIGHT SP-EDG-50W-HB-00-1-20D-30-1-1-BLK-U-00

Model	LED Power	Luminaire	Dimmability	LEDS	Distribution type	LED Color Temp	Driver	Input Voltage	Fixture color	Mounting options	Options
HIGHLIGHT SP-EDG	50W	HB- High bay	00-Non Dimmable 01-Dimmable	1-Philips lumiled	20D- 20 °	30K	1- Meanwell	1- AC 100-	BLK-Black	U- U bracket	00- No motion sensor
	100W				30D- 30 °	40K		277V	GR-Grey	HR- Hang ring	01- With motion sensor
	150W				50D- 50 °	50K		2- AC200- 480V	BRZ- Bronze		02-Photocell 03- Remote control
	200W				90D- 90 °	55K					
	300W				110D- 110 °						
	450W				150D- 150 °						
					30/100- 30x100°						
					60/100-60x100°						
					130/70- 130x70°						
					70/135- 70x135°						
					75/145- 75x145°						
					60/150- 60x150°						
					73/133- 73x133°						

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