

HIGHLIGHT BUS-DL

Specifications



Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lightning

We designs and install solar-powered lightning systems tailored for all kind of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and providing significant energy and cost saving.

Warranty

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



Solarpath HIGHLIGHT BUS-DL- Solar Bus Stop Lights series present the ultimate fully integrated solar light system for unsheltered bus stops. With an extremely easy installations, they are perfect for bus stops where it illuminates the bus schedule and gives all-night safety to the pedestrians that ride the buses.

Technical specification

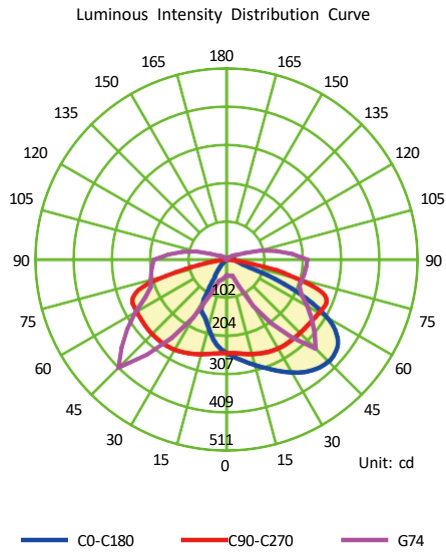
Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	32W (8W*4pcs)
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	30AH(384WH/12.8V)
	Battery enclosure	Integrated in lighting fixture
LED Light Parameters	Light Source Power	Up to 12W (Up to 2,305 lm)
	CCT (Correlated color temperature)	3,000K-5,700K
	CRI (Color rendering index)	<u>>70</u>
Control Modes	Dusk to dawn/with remote control/motion sensor	
Working Mode	Depend on solar radiation.	
IP Rating/Anti-Corrosion	IP66	
Material	Galvanized sheet	

Key Features

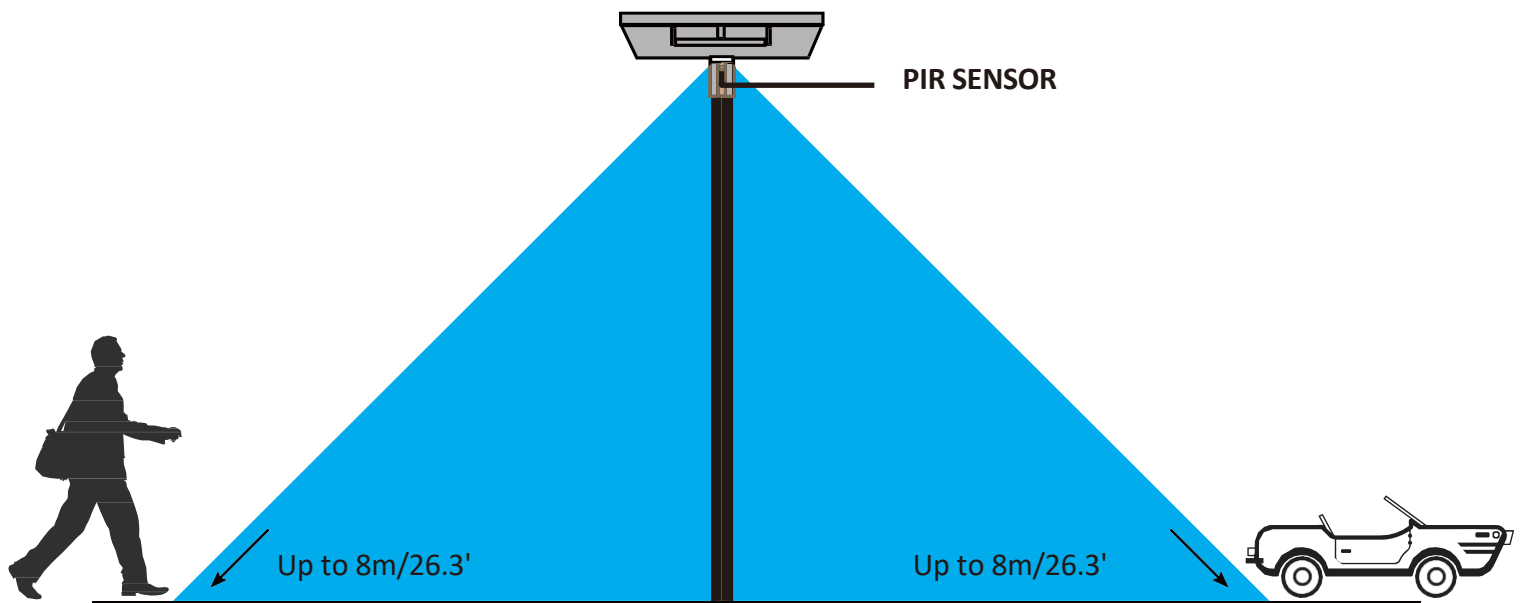
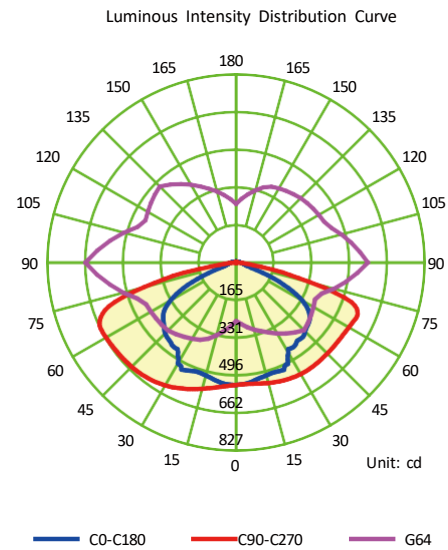
- Integrated All-in-One Solution: Combines solar panel, battery, and controller into a single luminaire.
- Efficient Design: Low effective projected area (EPA)
- and low wind resistance
- Automatic Lighting: Provides dusk-to-dawn illumination
- for ease of use and energy savings
- Grade A (brand new) LifePO4 Battery Pack, 2000+ full charging cycles
- Lumileds 2835 LED chips
- Up to 180 LM/W light efficiency
- Smart MPPT Controller
- Up to 33 Hours (2 nights) on full charges
- One-time expense, no monthly utility bills
- No trenching needed, reduces installation cost
- Auto-heating function (optional), Heating starts when the battery temperature at, 0°C/32°F and stops at 6.5°C/42°F (only when charging).

Photometric

6W



12W



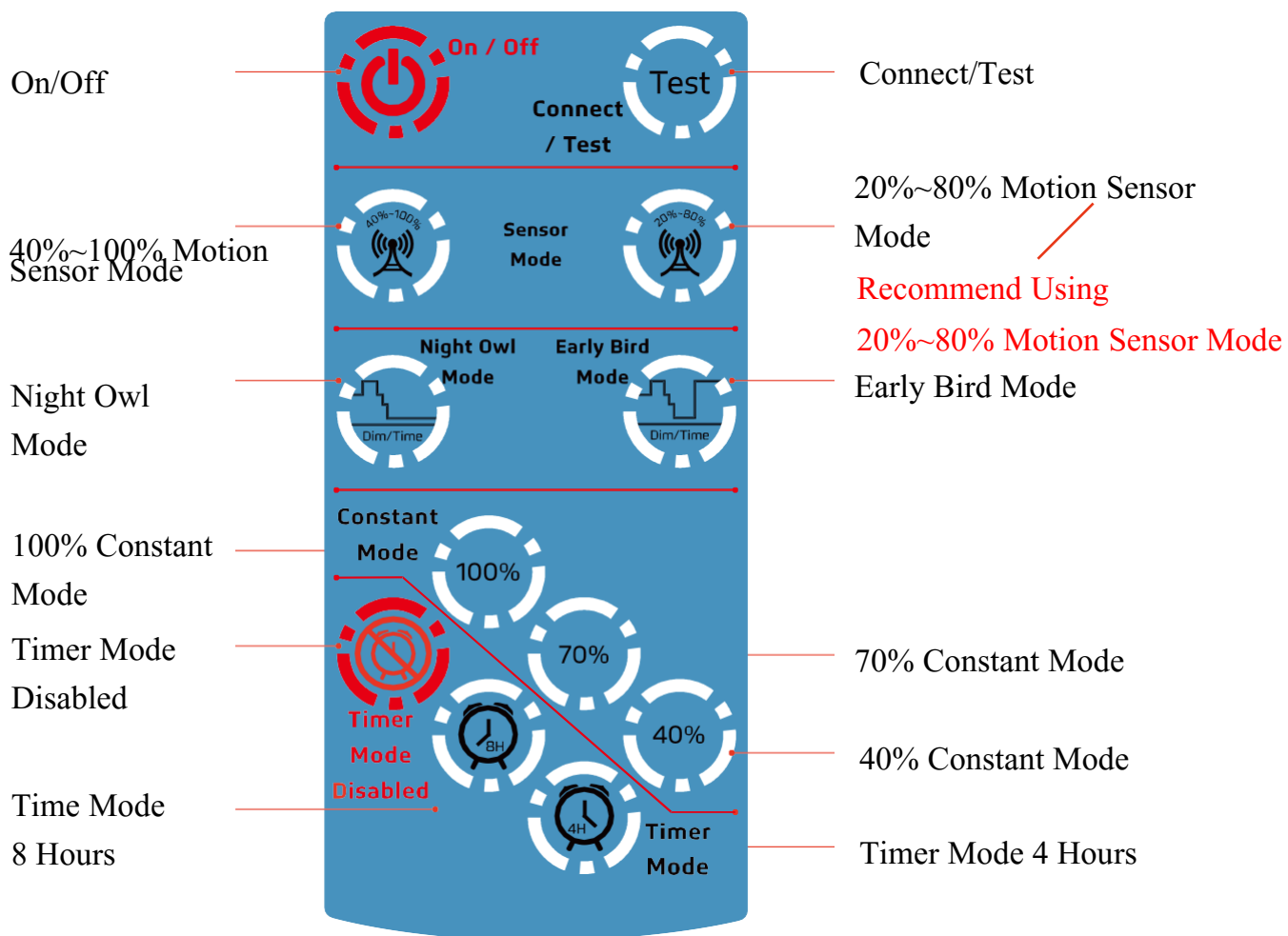
Adjustable LED

Up to 2 luminaires to provide security lighting exactly-where you need it (only center position shown)

The Led Luminaire is adjustable from -6° to $+15^{\circ}$ (21F to 59F).



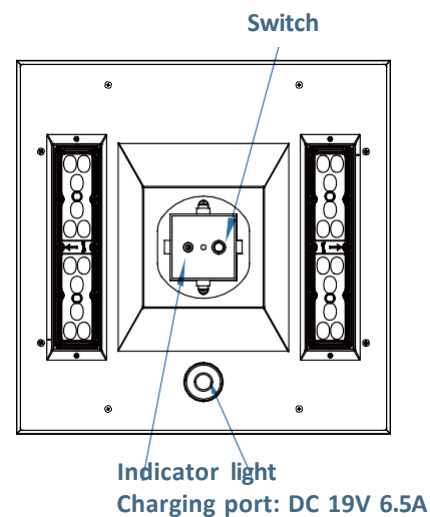
Remote Control Guide



Indicator Description

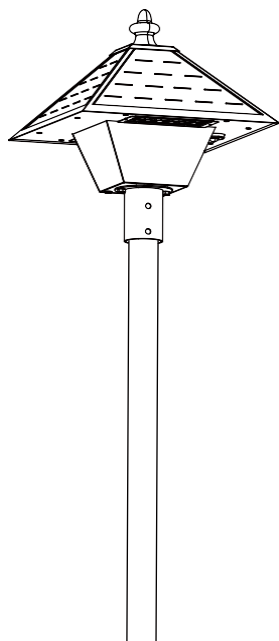
Normal Outdoor Operation:

1. The light has been charged and ready to work (Stand By Mode): Solid red indicator
2. The battery has less than 10% charge: Green indicator flashes
3. The light is on (Working Mode): Solid green indicator
4. The battery is charging (Stand By Mode): Red indicator flashes

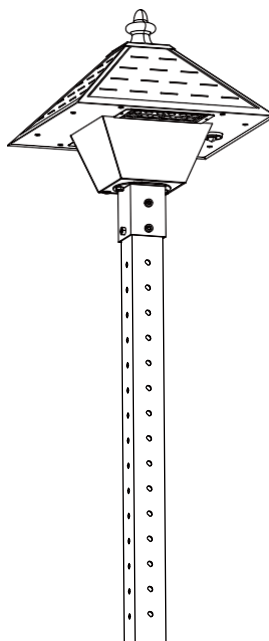


Installation Options

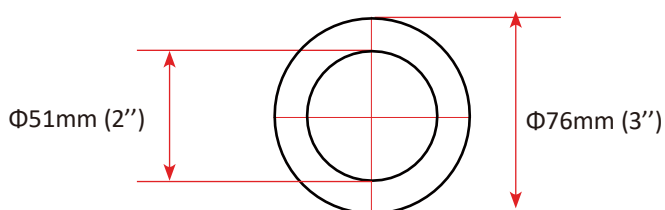
A. Pole Mount—Round



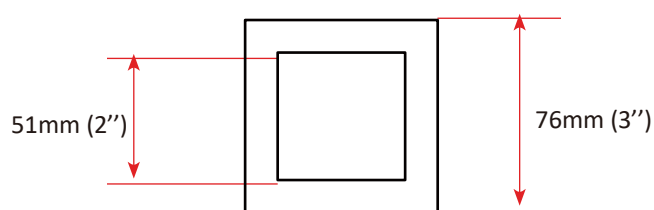
B. Pole Mount—Square



Round Pole Diameter



Square Pole Dimension



USES AND APPLICATIONS GUIDE

Bus Stations	
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ORDERING GUIDE

Ordering Guide: HIGHLIGHT SUNBOX-N-A-45W-12W-30K-230WH-WH-00-RB

Model	Solar Panel	LED Power	Distribution Type	Led color Temp	Battery Options	Body Color	Options	Install options
HIGHLIGHT BUS-DL	32W	6W 12W	3 - Type III	30K 40K 50K 57K	30AH	WH- White GR- Grey BLK- Black	00- No Motion sensor 01- With Motion sensor	RB- round pole bracket SB- square pole bracket

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