

HIGHLIGHT ML-SPLRGB

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.



The SolarPath HIGHLIGHT ML-SPLRGB™ is the premier LED solar illumination technology in its class today. Ultra-bright/High Intensity LED lighting means a total lighting solution for any need. This product has both a solar engine and a flood light. The ML-SPLRGB's battery and control is attached to solar panel which allows this product to be used for gardens.



Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 240W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 135AH
	Battery enclosure	Integrated in lighting fixture
LED Light Parameters	Light Source Power	Up to 10W each (Up to 1,500 lm each)
	CCT (Correlated color temperature)	3,000K-6,000K/RGB
	CRI (Color rendering index)	≥82
	Input Voltage	DC24V
Working Mode	Programmable, depend on solar radiation.	
IP Rating	IP66	
Material	Aluminum Die-casting + Stainless steel	

USES AND APPLICATIONS GUIDE

Gardens

Parks

Trees




Walls

Key features:

- Low installation and maintenance costs.
- Replaceable Battery.
- IP66 Rating.
- High performance 1W LEDs with 150lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation

ORDERING GUIDE

Ordering Guide: HIGHLIGHT ML-SPLRGB-50W-A-10W-A-30K-20AH-BLK-TM-RM

Model	Solar Panel	LED Type	LED Power	LED Qty.	LED Color Temp	Battery Options	Body Color	Solar panel installation options	LED Installation options
HIGHLIGHT-ML-SPLRGB	50W	A – 	6W	A- 1 pc	30K	20AH	BLK- Black	TM- Tree mounting (Ring) PM- Pole mounting	RM- Ring mounting (on trees) ST- Stake mounting
	75W		10W	B- 2 pcs	40K	41AH			
	100W			C- 3 pcs	50K	52AH			
	175W			D- 4 pcs	60K	67AH			
	240W	B – 		E- 5 pcs	RGB	135AH			
				F- 6 pcs					
				G- 7 pcs					
				H- 8 pcs					
	C - 								

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