

HIGHLIGHT HL-ML-ASL

The design of solar street light / courtyard light absorbs energy from the universe, and combines it with high efficiency solar panel, LEDs, and Lithium battery. It adopts advantage technics such as micro-controller, human infrared sensor and so on and combines with integrated design to achieve multiple features such as low power consumption but high brightness, long lifespan and maintenance free, meanwhile with waterproof function and great thermal dissipation. The intelligent control can be reprogrammed from the ground with an infrared before and after install. It is one of our great innovation patented products.



Key features:

- Low installation and maintenance costs.
- IP65 Rating.
- High performance LEDs with 190lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- Adjustable mounting bracket.
- Adjustable LED.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation

Technical specifications

Solar Module Parameters	Type	Monocrystalline Silicon
	Power	Up to 220W
Solar Charge Controller Parameters	Type	MPPT
Battery Parameters	Type	LifePO4
	Capacity	Up to 48AH
LED Light Parameters	Light Source Power	Up to 200W
	Lamp Rated Total Luminous Flux	Up to 38,000lm
	Luminous Efficacy	190lm/w
	CCT (Correlated Color Temperature)	2,500K-6,500K/Amber
	Color Rendering Index (CRI)	≥ 70
Operation profiles	* Operation profile above are active depending to the solar radiation in the installation location, please consult with one of Solarpath representative.	
Lighting Material	Die-casting Aluminum	

Uses and Applications Guide

Mid-size roads	●
Streets lighting	●
Parking lots	●
Boardwalks	●
Farms	●
Public parks	●
Private gardens	●
Access roads	●
Walking paths	●



U-Bracket



Slip Fitter

Ordering Guide: EXAMPLE: HIGHLIGHT HL-ML-ASL-45W-20W-1-25K -12AH-BLK-SP-00

Model	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color	Mounting options	Options
HIGHLIGHT HL-ML-ASL	40W	20W	1 – Type I	25K	18AH	BLK- Black	SP- Slip Fitter UB- U-Bracket	00- No motion sensor 01-Motion sensor
	45W	30W	2- Type II	30K	24AH			
	55W	40W	3- Type III	40K	30AH			
	65W	50W	4 – Type IV	50K	36AH			
	85W	60W	5 – Type V	65K	42AH			
	95W	80W		Amber	48AH			
	100W	90W						
	120W	100W						
	140W	120W						
	175W	150W						
	200W	180W						
	220W	200W						



*Up on request.

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