

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
	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	●



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

Model	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color	Options
HIGHLIGHT HL-ML-ASL	45W	20W	1 - Type I	25K	12AH	BLK- Black	00- No motion sensor 01- Motion sensor
	55W	30W	2- Type II	30K	18AH		
	65W	40W	3- Type III	40K	24AH		
	85W	50W	4 - Type IV	50K	30AH		
	95W	60W	5 - Type V	65K	36AH		
	100W	80W			42AH		
	140W	90W			48AH		
	140W	100W					
	175W	120W					
	200W	150W					
220W	180W						
	200W						



*Up on request.

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