

HIGHLIGHT HL-ML-ALM-DL



The design of solar street light / courtyard light absorbs energy from the universe, and combines it with high efficiency solar 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.
- IP66 Rating.
- High performance 1W LEDs with 200lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- PTC Auto-heating system.
- Adjustable LED .
- Adjustable mounting bracket.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation

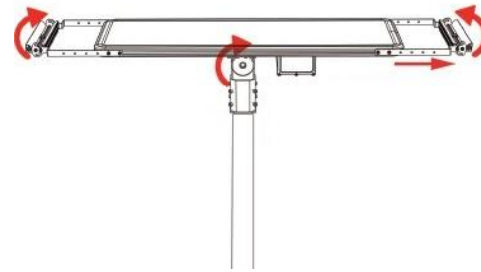
Uses and Applications Guide

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







Technical specifications

Solar Module Parameters	Type	Monocrystalline Silicon
	Power	Up to 135W
Solar Charge Controller Parameters	Type	MPPT
Battery Parameters	Type	Li-ion
	Capacity	Up to 60AH
LED Light Parameters	Light Source Power	Up to 100W
	Lamp Rated Total Luminous Flux	Up to 20,000lm
	Luminous Efficacy	200lm/w
	CCT (Correlated Color Temperature)	3,000K-6,000K
	Color Rendering Index (CRI)	≥82
Operation profiles	1 st 4hrs- 100% brightness, 25% to dawn 1 st 2hrs- 100% brightness, 25% to dawn 1hr-100% ; 2hrs-80% ; 3-4hrs-60% ; 5hrs-25% to dawn * 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	
	solar panel	Depend On Solar Panel wattage



Ordering Guide: EXAMPLE: HL-ML-ALM-DL-45W-15W-2-2-30K -30AH-BLK-00-PTC

Model	Solar Panel	LED Power	LED Module Qty	Distribution type	LED Color Temp	Battery Options	Body Color	Options
HIGHLIGHT HL-ML-ALM-DL	45W	15W	A - 2pcs 	2- Type II 3- Type III	30K	30AH 35AH 45AH 60AH	BLK- Black	00- No motion sensor 01-Motion sensor PTC- Warmer
	60W	20W	B - 4pcs 		40K			
	75W	50W			60K			
	105W	60W			C - 4pcs 			
	135W	75W 100W	D - 6pcs 					



*Up on request.

Legal Clarification: All technical information and/or products listings and/or technical support, and/or any kind of graphics, illustrations and/or instructions and/or the names, trade names, trademarks, trade symbols, service marks, logos, icons and trade dress of SolarPath Inc or in connection to SolarPath Inc or any of its selling products, contained herein is in the exclusive ownership of SolarPath Inc and may not be alternated and/or used in any manner including but not limited to copy of some or all of the said material by users and/or viewers or any third party for that matter of this document and the website to which it is linked without the express prior written permission of SolarPath Inc. Furthermore, redistribution or any kind of commercial use or alteration or any kind of use other than downloading presented information in some or all contents of downloadable documents, and/or downloadable contents, is strictly prohibited without express written prior permission. All information set out herein is subject to changes as may occur from time to time. SolarPath Inc is not responsible for, and cannot guarantee and shall not be held liable for any information or the accuracy of such in websites that it does not manage.