

HIGHLIGHT ML-FL-U



The SolarPath HIGHLIGHT ML-FL-U™ 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-FL-U's battery and control is attached to solar panel which allows this product to be used for field, sign, warehouses, roofs, ground and on walls.

Key features:

- Low installation and maintenance costs.
- Replaceable Battery.
- 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/removable LED.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation
- Approved IDA



Technical specifications

| | | |
|------------------------------------|--|-------------------------------|
| Solar Module Parameters | Type | Monocrystalline Silicon |
| | Power | Up to 45W |
| Solar Charge Controller Parameters | Type | MPPT |
| Battery Parameters | Type | Li-ion |
| | Capacity | Up to 30AH |
| LED Light Parameters | Light Source Power | Up to 30W |
| | Lamp Rated Total Luminous Flux | Up to 6,000lm |
| | Luminous Efficacy | 200lm/w |
| | CCT (Correlated Color Temperature) | 3,000K-6,000K |
| | Color Rendering Index (CRI) | ≥ 82 |
| Operation profiles | 1hr-100%; 2hrs-80%; 3-4hrs-60%; 5hr-25% to Dawn. Programmable, depend on solar radiation. | |
| Lighting Material | Die-casting Aluminum + Stainless steel | |
| Product size | light body | Depend On LED power |
| | solar panel | Depend On Solar Panel wattage |
| Net weight | light body | Depend On LED power |
| | solar panel | Depend On Solar Panel Wattage |

Uses and Applications Guide

| | |
|------------|---|
| Warehouse | ● |
| Tents | ● |
| Boardwalks | ● |
| Monuments | ● |
| Signs | ● |
| Gardens | ● |

Ordering Guide: EXAMPLE: HIGHLIGHT ML-FL-U-25W-10W-2-30K -10AH-BLK-00-PTC-R

| Model | Solar Panel | LED Power | Distribution type | LED Color Temp | Battery Options | Body Color | Options |
|-------------------|-------------|-----------|-------------------|----------------|-----------------|------------|---|
| HIGHLIGHT-ML-FL-U | 25W | 15W | 3- Type III | 30K | 18AH | BLK- Black | PTC-Auto-heating system WM- Wall mounting GM- Ground spike mounting |
| | 45W | 25W | | 40K | 25AH | | |
| | | 30W | | 60K | 30AH | | |



*Up on request.

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