



## Helios T1303

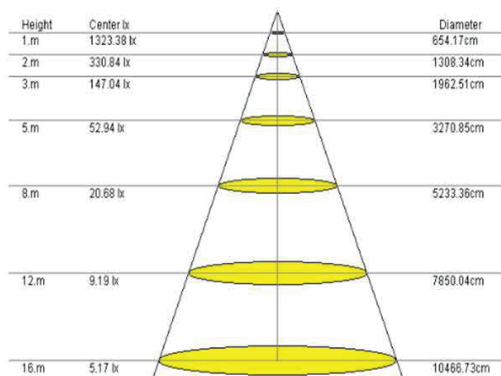
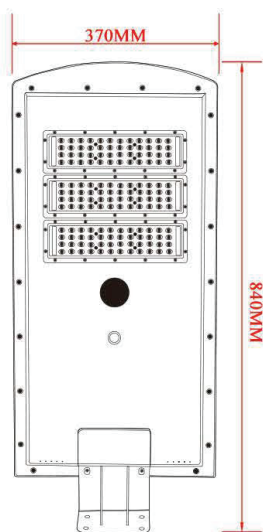
### Features

The Helios All-in-One Solar Street Light is an integrated lighting solution that unifies high-efficiency solar panels, LED lamps, and LiFePO4 batteries into a single, streamlined unit. Utilizing an intelligent induction system, the Helios automatically regulates lighting modes through a sophisticated micro-computer that syncs motion sensors with light and time controls to maximize energy efficiency. Engineered with smart assembly technology, the Helios features a unique thermal isolation design: the solar panel, battery, and light body are physically separated to prevent heat conduction between components. This superior heat dissipation ensures peak performance and an extended operational lifespan. To meet specific aesthetic requirements, the finish is customizable in any RAL color requested by the client.

### Technical Specifications

| Item Code    | Power | Lamp | Lumen  | Dimensions      |
|--------------|-------|------|--------|-----------------|
| Helios T1303 | 50W   | LED  | 7000lm | L840*W370*H50MM |

### Technical Drawing



### Description:

- Material :Galvanized iron
- Weight: 12KG
- Solar Panel: Mono-crystalline 5V 45W
- LiFePO4 battery: 3.2V/60AH
- LED:Philips SMD 3030 144pcs 160lm/W
- Intelligent controller
- Discharge time: 3 rainy days
- Charging Time: 5H of effective sunlight
- Battery Type: Lithium iron phosphate
- Lifespan: >100000Hours
- Operating Temperature: -20°C +65°C
- Warranty: 5 years

### Light Distribution Curve

