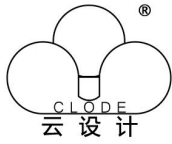


# SOLAR LED STREET LIGHT

## "MOON" 1800LM



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## Product introduction

The [Clodesun](#) series solar LED street light is researched and developed by CLODE group. It's wireless and easy to be installed, with the free maintenance and long working life. It's very popular in the places where is abundant with solar resource to illuminate the street light due to compact unique design and integrated functions.

## Popular uses

High way /patio lighting/Building Parking / Bike Path /Suitable for Courtyard / Garden / Park / Street / Roadway / Pathway / Parking Lot / Private Road / Sidewalk / Public Square / Plaza / Campus / Farm & Ranch / Perimeter Security / Wildlife area / Remote Area / Military Base etc.

## Product features

Integrated design, beautiful, simple and convenient

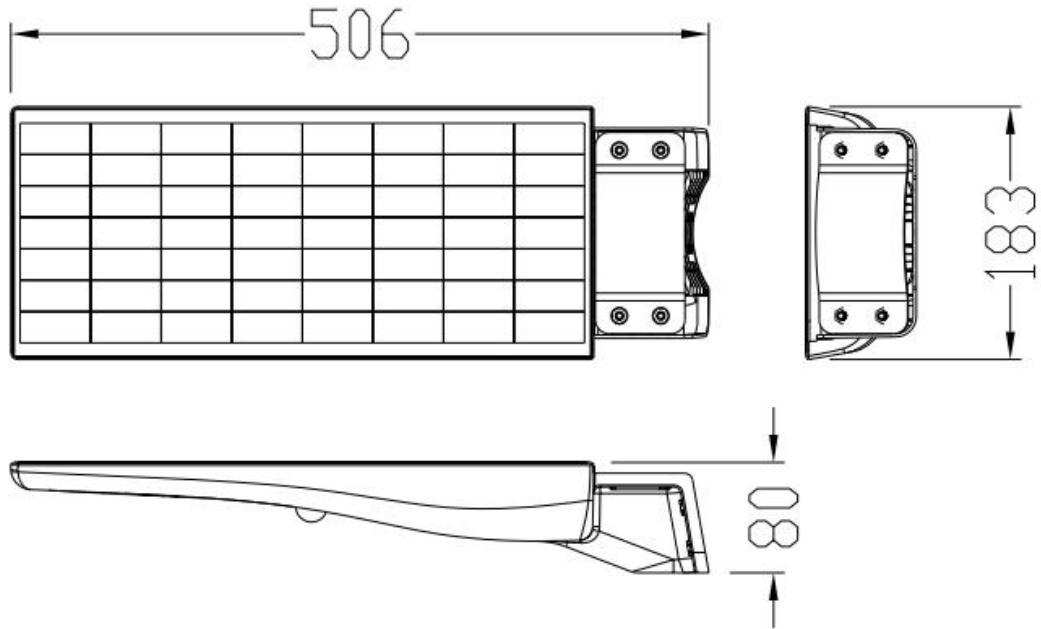
Solar power supply, green environmental protection, zero emissions

More energy saving and lighting for longer

LG Chip, high photosynthetic efficiency, long life

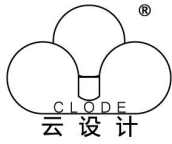
Surface anti-corrosion treatment, salt fog 480 h does not rust.

# 1. Size of products

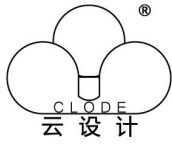


# 2. Specification

| MODEL                        | CD-MOON- 15W   |
|------------------------------|--|
| <b>Parameters</b>            |  |
| <b>PV Module</b>             | 15W  |
| <b>Life time</b>             | 25 years (The power attenuation of each year is around 1%) |
| <b>LED luminous</b>          | 1800LM   |
| <b>LED chip</b>              | 2835 LED   |
| <b>viewing Angel</b>         | 120°   |
| <b>Color Temperature</b>     | 3000K-6500K, Typical (5500K-6000K)                         |
| <b>Color rendering index</b> | > 70   |
| <b>Life time</b>             | > 5years   |
| <b>Battery Tape</b>          | LiFePo4 battery  |
| <b>Battery Capacity</b>      | 58WH   |
| <b>Battery life time</b>     | (5-8years)   |



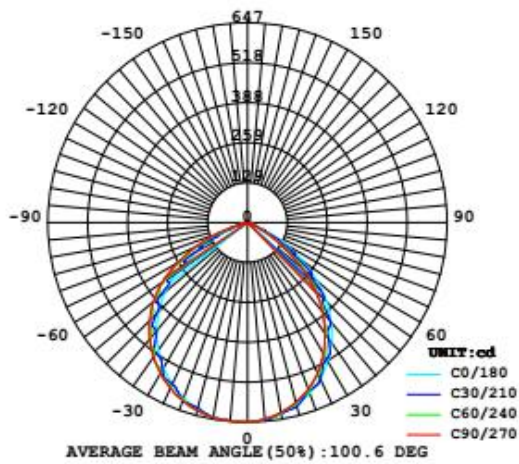
|                                  |   |
|----------------------------------|---|
| <b>MPPT charge controller</b>    | including wireless communication module (please see the Communication topology below )    |
| <b>Timing mode</b>               | PIR+Wireless control  |
|                                  | Infrared induction is optional  |
| <b>Circuit Protection</b>        | Overcharge, discharge, short circuit, open load, lightning protection and other functions |
| <b>Life time</b>                 | 5-8years  |
| <b>Charging Time (STC)</b>       | 6-8Hours(With STC)  |
| <b>Certificate</b>               | CE、ROSH、IP65  |
| <b>Working Temperature</b>       | -20℃~+60℃(When the temperature is below -10℃, derating use )                              |
| <b>Storage Temperature</b>       | 0℃~45℃  |
| <b>Protection Grade</b>          | IP67  |
| <b>Dimension Size(mm)</b>        | 506*183*80mm  |
| <b>Installation Height</b>       | 3 m to 6m light pole  |
| <b>Installation Diameter</b>     | <60mm   |
| <b>Clearance of Installation</b> | 10m to 15m  |



### 3. Working mode (PIR+Wireless control)

## 4. Light Distribution

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION

