SOLAR STREET LIGHT

Solar Integrated Street Light

R Series R4

All In One Solar StreetLight

SUNGENE

Product Feature

- Solar panel, battery, LED, controller all integrated inside the aluminum-alloy case, easy and convenient for installation.
- Better performance especially in the cloudy and rainy days.
- Adopt brand LiFePO4 battery with more than 2000 life cycles .
- Smart chips to extend the battery life; Low voltage system is safe on use ; Light & time control; Over charging &over discharging protection.

Main Components

- High Quality LiFePO4 Battery
- High Luminsus LED with longer life span
- Intelligent Light Controller
- Mono Crystalline Silicon Solar Panel in Higher Efficiency
- All-in-one Design

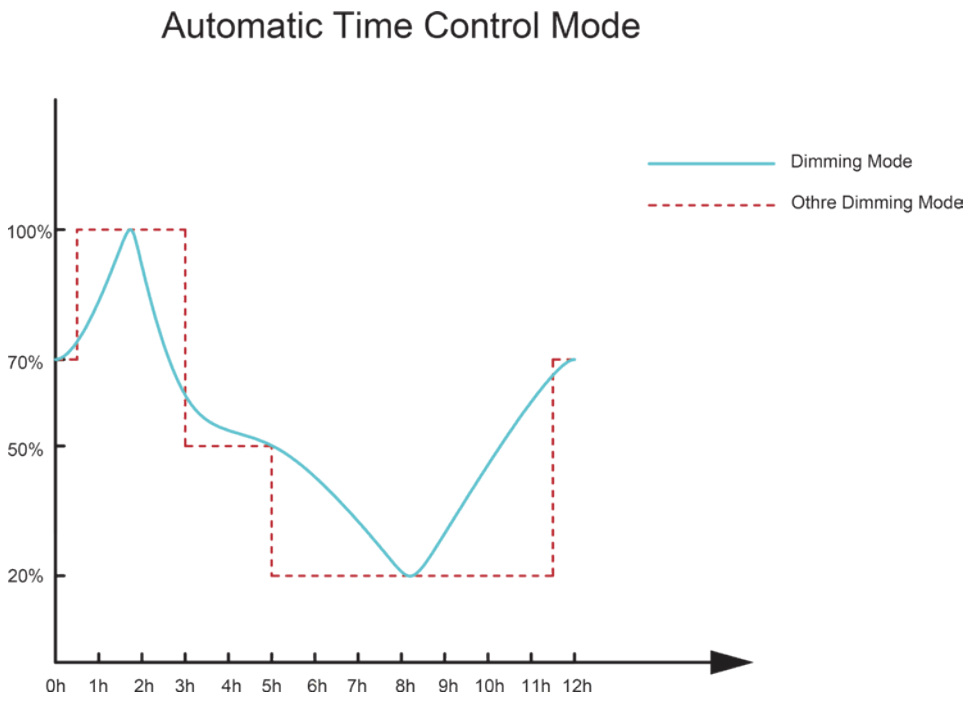
Use sunlight to improve people's quality of life

Technical Data

Model	R Series R4
Solar Panel	140W MONO
High capacity lithium battery	980WH
Luminous Flux	21000LM
Charging time	4-5 H
Supported raing days	3-5 Days
Working time	⩾12 Hours
Recommended installation height	6-10M
Waterproof Level	IP65
RA	⩾80
Color temperature	6500K
Light pole diameter	76mm
Storage temperature	0~55℃
Operating humidity	⩽90%
Lamp size	1450*415*50mm
Net weight	23.5KG

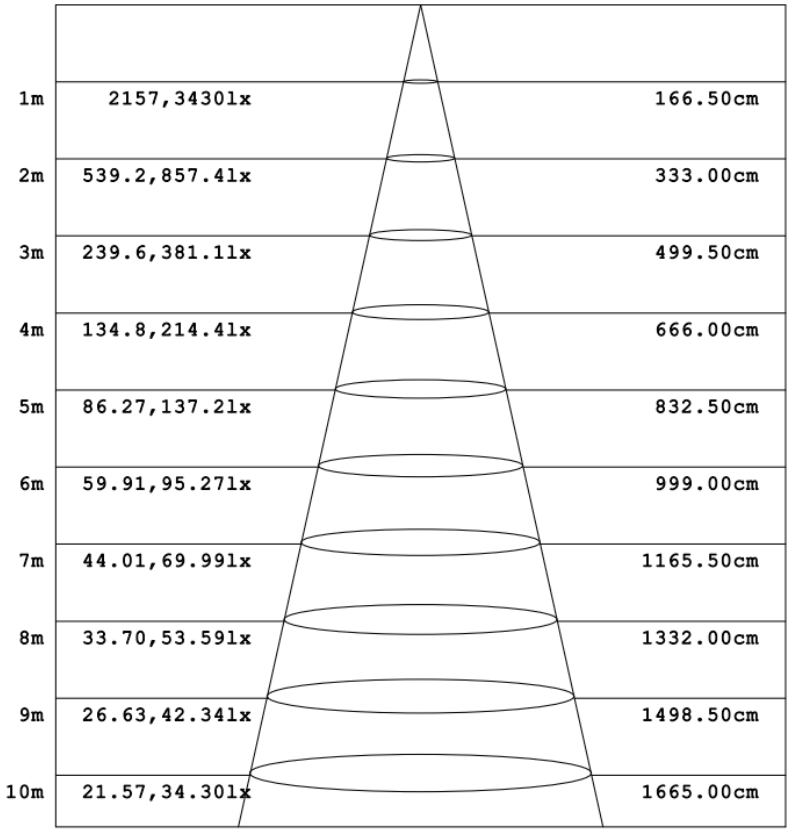
WORKING MODE

SMART LIGHTING MODE



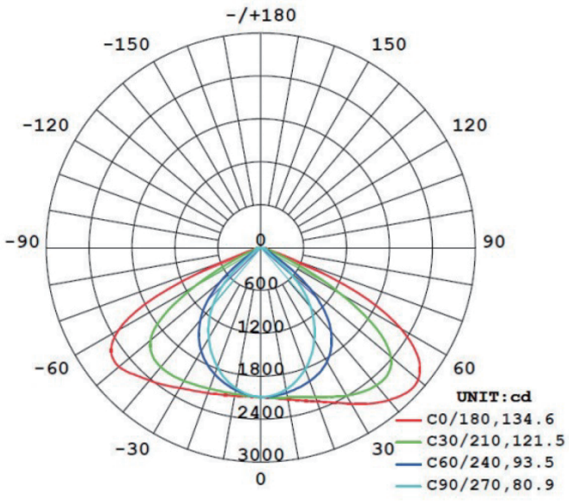
Lux-Distance Curve

Luminous output: 21000lm

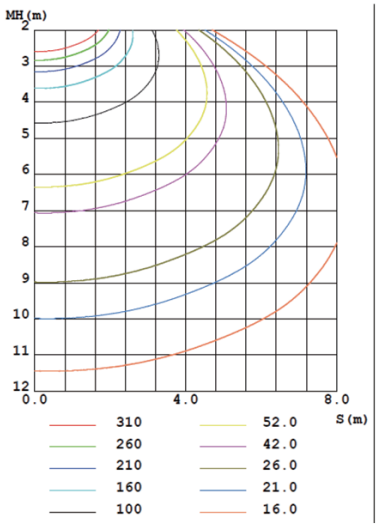


Light Distribution Curve

LUMINOUS INTENSITY
DISTRIBUTION DIAGRAM

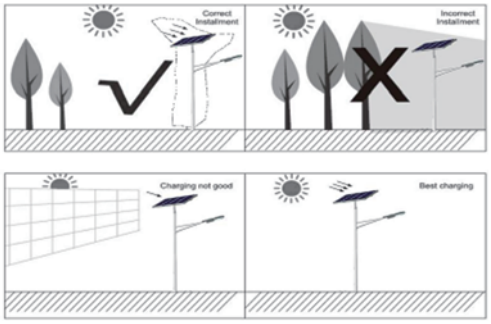


C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Installation precaution

It is recommended that the photovoltaic panels be installed Horizontally in a place with sufficient sunlight and full exposure to the sun. Ensure that there are no obsta cles within the range of 120°



- Do not hit or beat the lamp forcibly
- Do not work with dimmer switch
- No sundries around, no cover on the lamp due to heat sinking concern

WARNING

- Please check before installation that the LED light input voltage fits to the voltage showed on the box or lamps.
- Please install the lamp at the suitable place.
- Make sure the light is powered off when you install or clean this lamps.
- For cleaning only use a dry, soft cloth; never use chemicals or water.
- Do not touch the LED light when it is switched on.
- Do not store or use this product in places with high temperature or high humidity.
- Do not open the lamp, please ask the specific operation to repair if need.
- No guarantee claims for the unit and no liability for any resulting personal damage or material damage will be accepted if the unit is used for other purposes than originally intended, if it is not correctly connected or operated, if it is over-loaded or not repaired in an expert way.