SPECIFICATION
Of 3000 Lumens

All In One Solar Street Light

1. 2 lighting modes with remote control
2. ALS2.0 + VFT + TCS Technology for All Night Lighting even in Cloudy or Rainy Day.
Application : Street /Roadway /pathway /Parking Lot /Private road /Sidewalk /Public square

solarway
NEW ENERGY - NEW WORLD

SPECIFICATIONS

|	
Model No.	SSL-06N
Lumens	3000lm and 30w
LED quantity	40pcs
Power of solar panel	15W
Battery Spec	111WH
IP	65
IK	10
Charging time	9 hours
Lighting time	7-10 days
Discharging temperature	-20℃~60℃
Charging temperature	0℃~45℃
Switch light sensor	≥50 Lux,off ≤10 Lux,on
Light modes	2 lighting modes+Remote Controller+ODM
Beam angle	135°*75°
Material	Aluminium alloy + Tempered Glass
Warranty	2 years

IP65   CE   FC   RoHS

Why Choose Us?

All In One Introduction	
Conventional Solar LED Street Light	**Solarway All In One Solar LED Street Light**
Single Lighting Way	Intelligent Lighting Way
Complex Installation with split components	Easy Installation With All In One Components
Cabling needed for installation	No cabling needed
Need to dig underground holes for batteries	Batteries are integrated
2 Year life span for lead acid batteries	Up to 12 year lifespan on Lithium batteries
Complex and High cost of maintenance	Simple and low cost maintenance
High Installation and transport costs	Low installation and transport costs

Patent Design	
Conventional Solar LED Street Light	**Solarway All In One Solar LED Street Light**
Very common design and found everywhere	Patented unique design
Parts cannot be replaced	Parts are readily available and can easily be changed
No Special Protection	Anti-theft, lightning and rust protection

Raw Material Standards	
Conventional Solar LED Street Light	**Solarway All In One Solar LED Street Light**
Either plastic or steel construction	Pure aluminium construction
Polycrystalline, low efficiency panel	High efficiency mono-crystalline solar panel
Cheap, small, low standard lithium battery	Level A, Life PO4 Lithium battery
Low Charging efficiency, PWM Controller	High Charging efficiency MPPT controller
Common brightness LED	Super Brightness Cree LED

WORKING
PROCESS
INSTRUCTIONS

1. Power Li-ion battery, support 1500 cycles
2. Remote Controller for setting time and brightness
3. 2 color indicator for 2 lighting modes

   Red:dim 10% brightness+PIR 100% brightness till dawn
   Green : dim 30% brightness+PIR 100% brightness till dawn
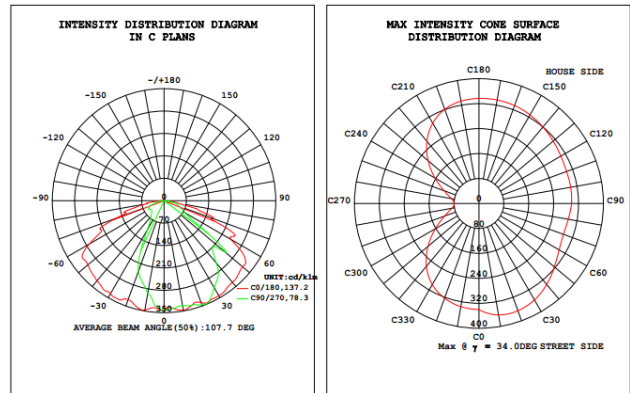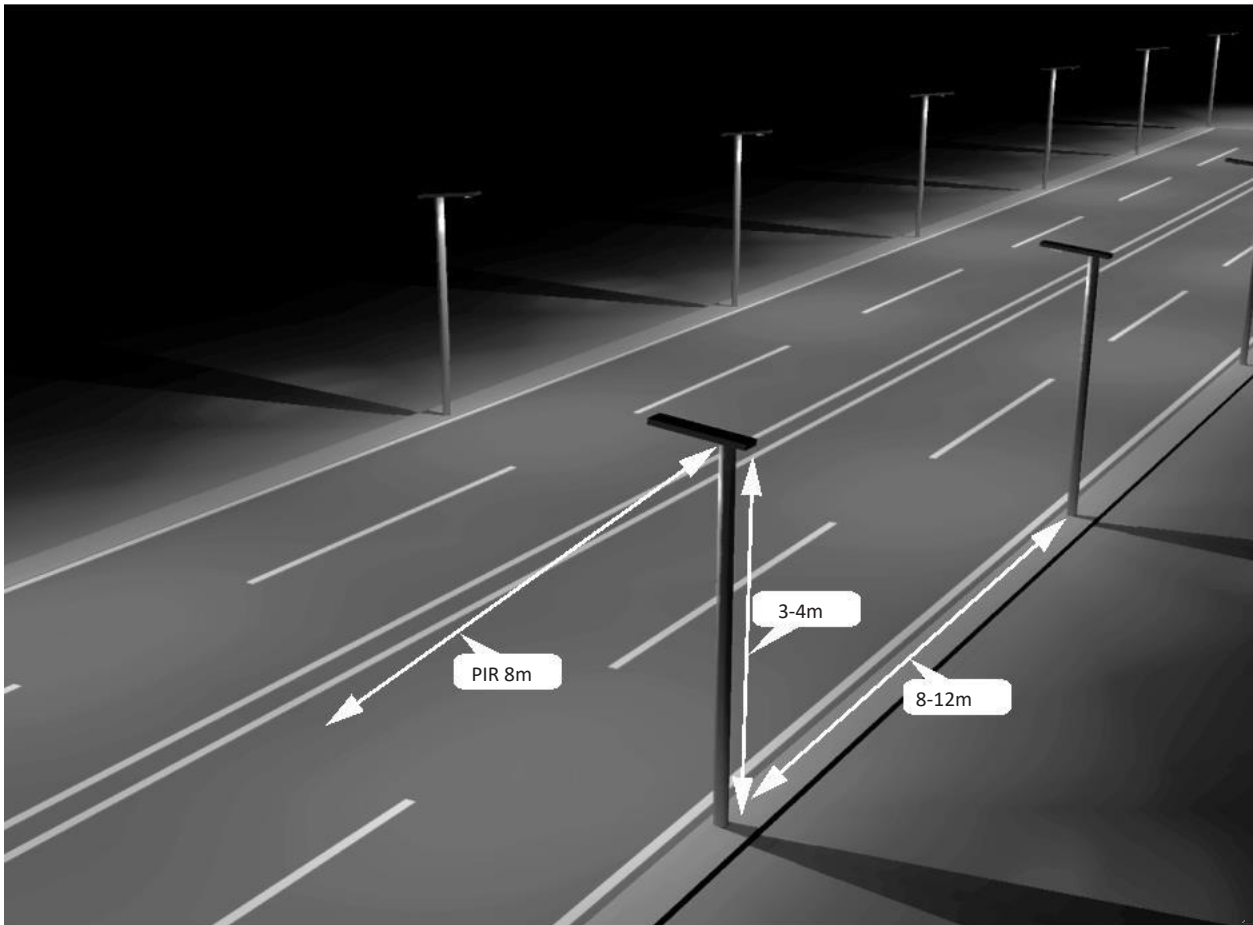
PRODUCT DETAILS

| LED chip | Switch | Solar panel |

RECOMMEND DATA

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS

UNIT:cd/klm
C0/180,137.2
C90/270,78.3
AVERAGE BEAM ANGLE(50%):107.7 DEG

MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM

HOUSE SIDE
Max θ γ = 34.0DEG STREET SIDE

New technology:

ALS (adaptive lighting system):During bad weather, and the lack of enough sun charge,the system will do a

Smart timely calculation for the remaining battery capacity and give max output efficiency use for long
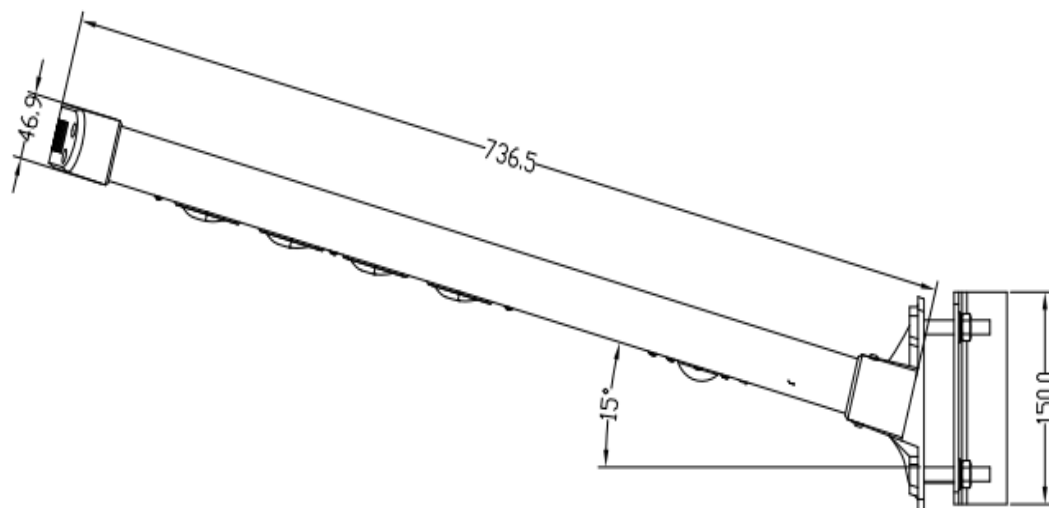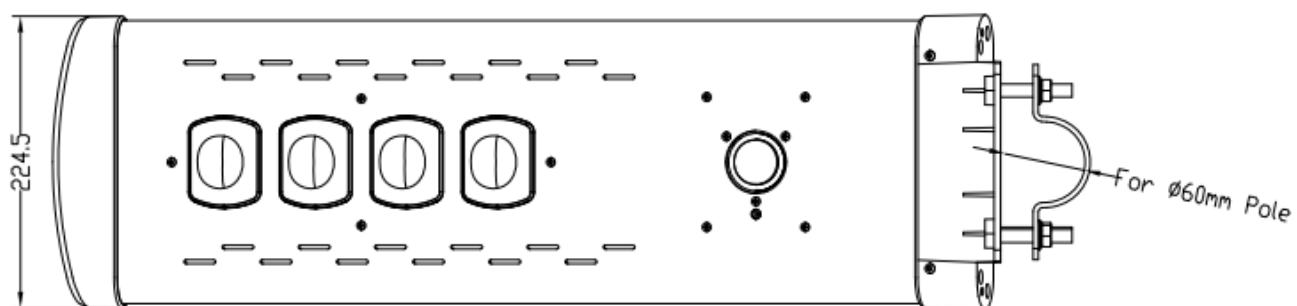
lighting time.

TCS (Temperature control system) when temperature over 65℃, TCS will cut off charging system to

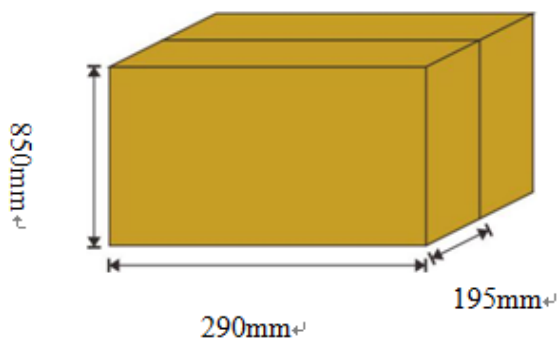protect battery,when below 65℃, charging system will continue to work automatically

PIR 8m

3-4m

8-12m

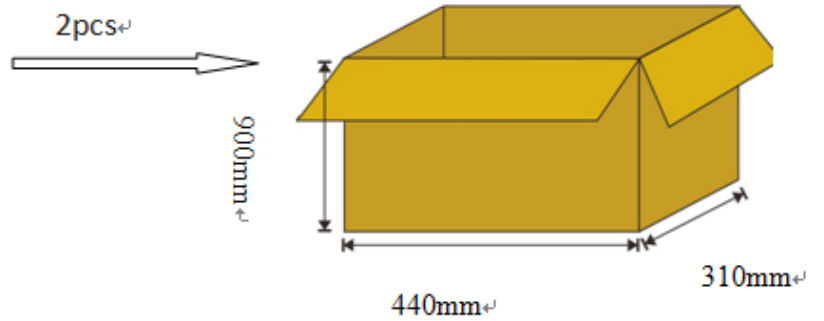DIALUX road simulation map

Pole diameter: 60mm

PRODUCT SIZE

224.5

For Ø60mm Pole

46.9

736.5

15°

150.0

PRODUCT PACKAGING

BOX

CARTON

850mm

290mm

195mm

2pcs

900mm

440mm

310mm

Lamp Net Weight

7.5KG

Gross Weight

13.7 KG