

NEXUS SOLAR LED STREET LIGHTING SERIES



FEATURES

- Intelligent lighting control system
- 30W / 50W / 60W
- Adjustable lamp bracket
- Customizable lighting profiles
- Intelligent lighting
- Dusk to Dawn, Auto turn on/off
- LIFEP04 Lithium Phosphate
- All-in-one Design, easy to install and transport;
- High efficiency LED 180lm/w
- 5050 High Lumen LED Package
- Smart Motion Sensor
- 140° wide detecting angle.
- High efficiency mono solar panel



Specifications: SFSOLNEXUS Series

Model	SOLNEXUS30	SOLNEXUS50	SOLNEXUS60
Power	30w	50w	60w
LED Type		5050	
LED Lumens	5850	9750	11700
LENS Options	70*140 / 75*155 / 155*70		
Battery 12.8v	25Ah	36Ah	40Ah
Solar panel	54w 18v	72W 18V	90W 18V
Mounting Height	4-5m	5-6M	6-7M
Lighting Mode	1) 3Hrs 100% on motion, dimming too 50%, (2) 4Hrs 80% on motion dimming too 35%, (3) 5 Hrs 60% on motion dimming too 25% or time control optional		
IP	IP66		
Warranty	SMD LEDS 5 years, Lithium battery 3 years, Solar panel 10 years		
Certification	IEC 60598-2-1 - 60598-2-3		

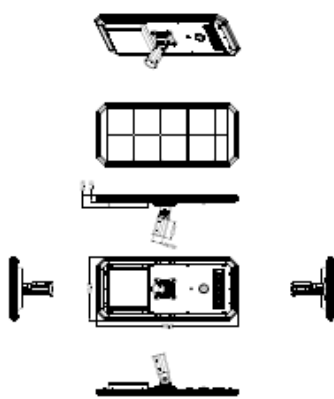
RAL 7046
Telegrey 2



RAL7046 Grey standard housing colour

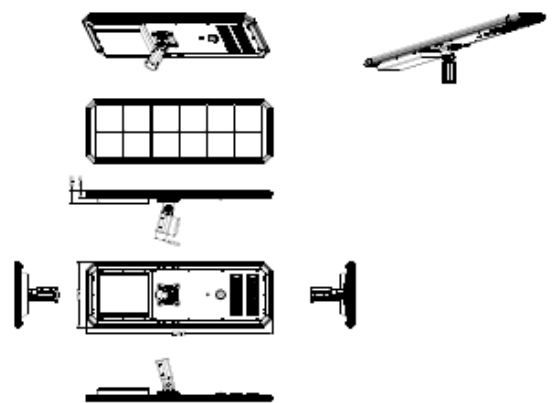
Dimensions

30w



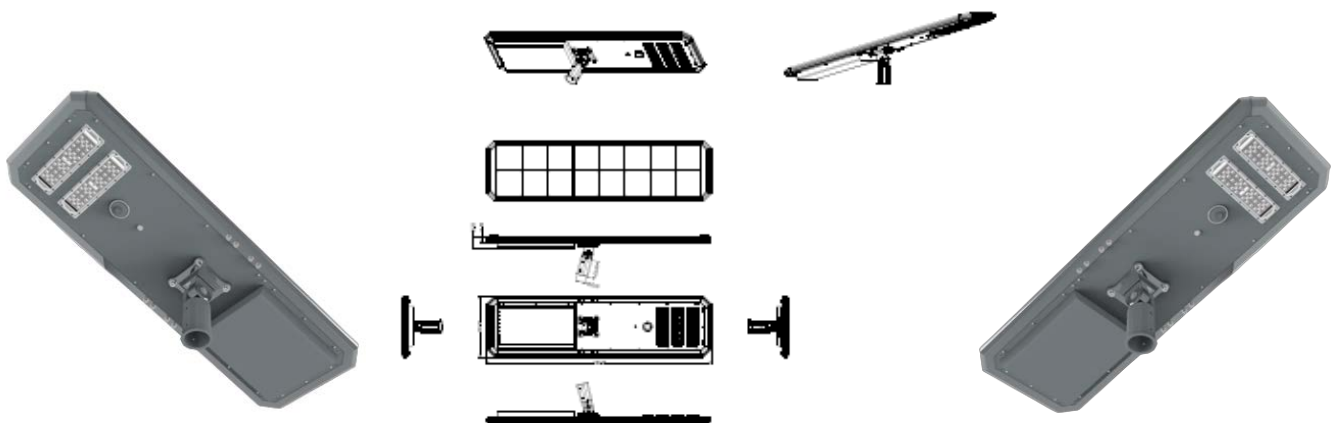
30w - 908*403*81mm

50W



50w - 1158*403*81mm

60W



60w - 1488*403*81mm

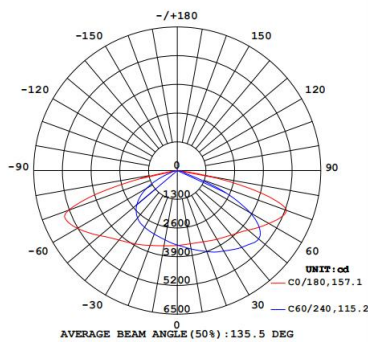
Packing

MODEL	QTY / BOX	DIMENSIONS	GROSS WEIGHT
SOLNEXUS30	1	97 * 47,5 * 16cm	14Kg
SOLNEXUS50	1	122 * 47,5 * 16cm	18Kg
SOLNEXUS60	1	155 * 47,5 * 16cm	22Kg

Details:

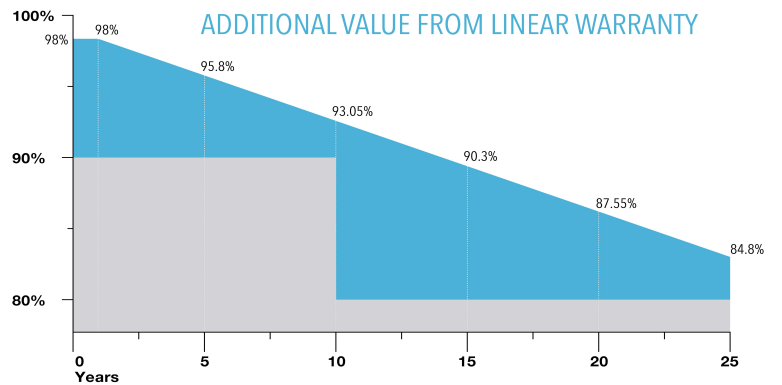
Die-casting Aluminum Sheet metal Housing

IP66 Waterproof protection
Elegant Grey color
Anti-corrosion and E coated
Professional Optical lens for road lighting



High-efficiency Mono crystalline Silicon Solar Panel Cells

Conversion rate around 21%,
20%-30% more efficient than than
polycrystalline silicon
Faster charging solar cells



12.8V battery

2000 charge cycles
High temperature resistance

High current discharge
Double protection

Durable Lithium battery design



Smart Solar Energy Controller



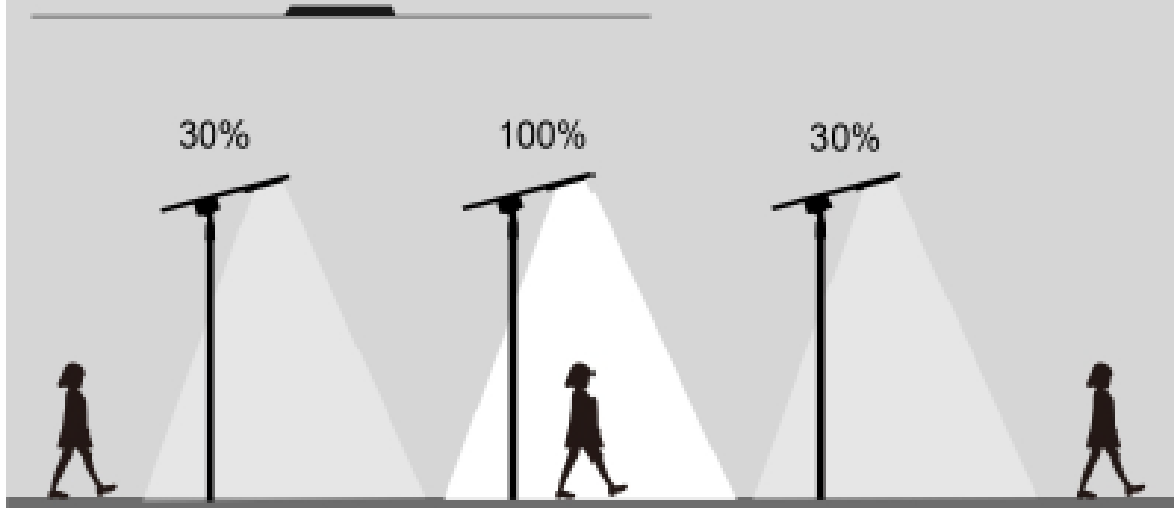
IP68 Protection;

With Infrared sensing function and
remote communication control function;

Capable of extreme weather conditions to
ensure reliability in extreme environments

Sensor Operation

Built-in motion sensor function saving power, lighting time longer

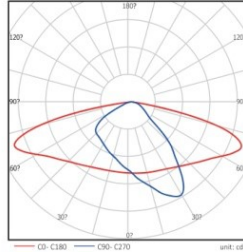
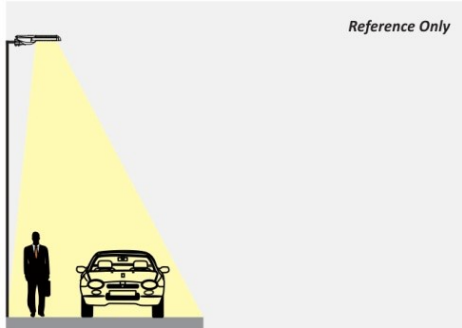


Simulation of sensor operation



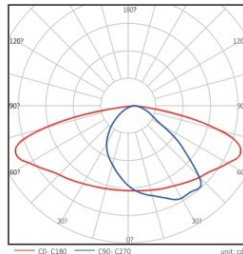
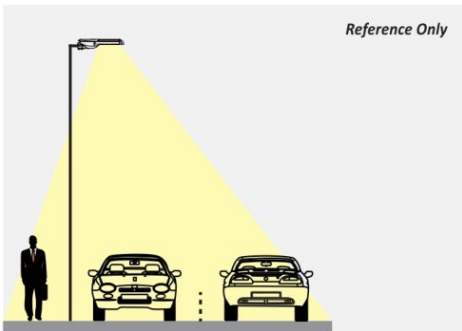
Multiple Light Distribution Optics

Wide range of Lighting applications: Parks, Estates, Walkways, Roadways and Parking areas.
IESNA standards in providing different Lens optics, Type 1, Type 11, Type 111
1 Lane, 2 lanes or 3 lanes and other wider lighting variations available
We will assist with a lighting simulation that best suits your requirements.



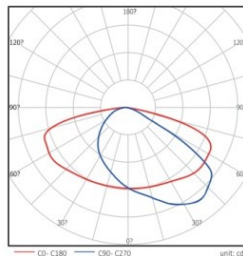
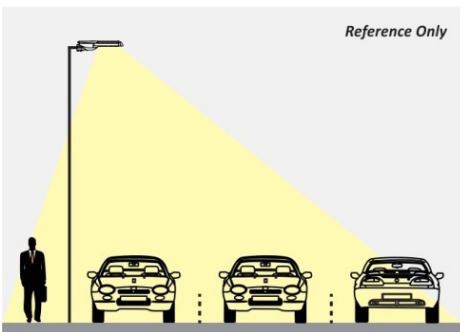
TYPE I

The Type I lens has a beam angle of 70° x 140 degrees.
In the IESNA Standard, The Type I distribution is great for lighting walkways, paths and sidewalks. It is generally applicable to where the mounting height is approximately equal to the roadway width.



TYPE II

The Type II lens has a beam angle of 75° x 150 degrees.
In the IESNA Standard, the Type II distribution is used for wide walkways, on ramps and entrance roadways, as well as other long, narrow lighting. It is generally applicable to where the width of the roadway does not exceed 1.75 times the designed mounting height.



TYPE III Medium

The Type III lens has a beam angle of 155° x 70 degrees.
In the IESNA Standard, the Type III distribution is meant for roadway lighting, general parking areas and other areas where a larger area of lighting is required.
This distribution is intended for luminaires mounted at or near the side of medium width roadways or areas, where the width of the roadway or area does not exceed 2.75 times the mounting height.

Warranty

LED Modules - 5 years
Electronics - 3 years
Solar panel - 10 years