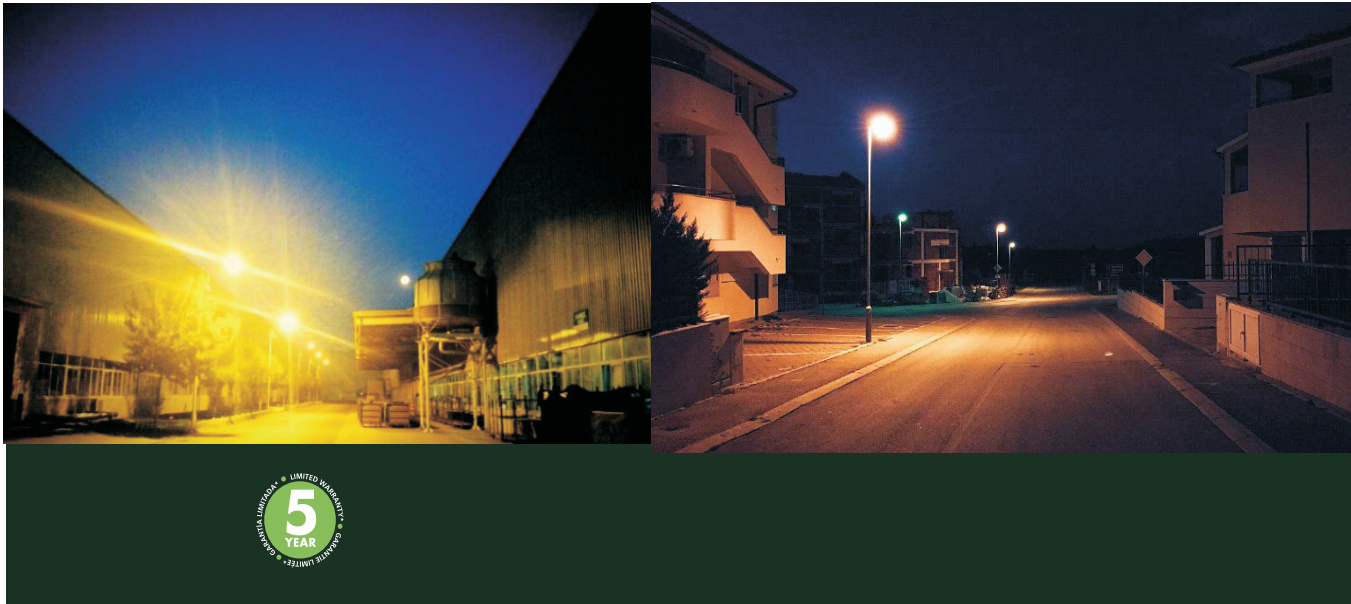# Solar LED Street Light

Product Description

LEDSION Solar LED Street Light Features All In One Design Function , Low Profile Design,With Motion Sensor And Smart Controller All Built In. Designed For Remote Areas 12-16Ft Lighting Poles, No Need Cable, No Electricity. Deep Cycle Battery, Charge And Discharge Over 500 Times. Can Work 3-4 Continuous Rainy Days At Intelligent Mode.

Application:

For 12-16 Ft pole, Sidewalk lighting, pathway lighting etc.
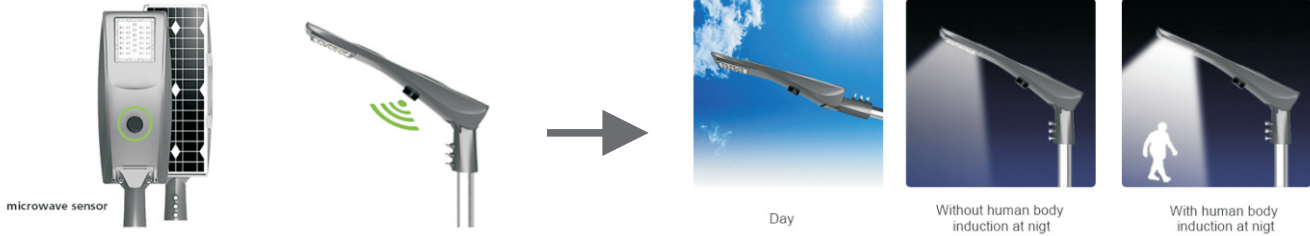
Electric Characteristic

Specification/Model	LS-SLS40W	LS-SLS50W
LED Chips	PHILIPS 5050	
Light output	40W	50W
Lumens output	4000LM	5000LM
Dimension	L 29.5 / W 10 / H 4 in	
CRI	＞70Ra	
Color Temperature	2700-6500K	
Beam Angle	150*70˚	
Battery	18650 lithium battery 12V 20 Ah	18650 lithium battery 12V 20 Ah
Solar Panel	40W /18V monocrystalline silicon	50W /18V monocrystalline silicon
Operating time	Full power >12 hours ,Intelligent mode 3-4 days	
Control Mode	Light Control + Sensor	
installation height	12−16FT	
working mode	30% bright at first 4 hrs, 100% bright when people or car passby, second 4 hrs 20% bright, and 60% bright when people passby	

Ordering Information

Example: LS-SLS40W-40K-N-T

Product	Power	Replacement	Color Temperature	Control	Furnish
LS-SLS40W	40W	90-160W MH/HPS	27K 2700K	Intelligent control system	Black
LS-SLS50W	50W	150-200W MH/HPS	65K 6500K		

Intelligent Control System

microwave sensor

Day

Without human body induction at nigt

With human body induction at nigt
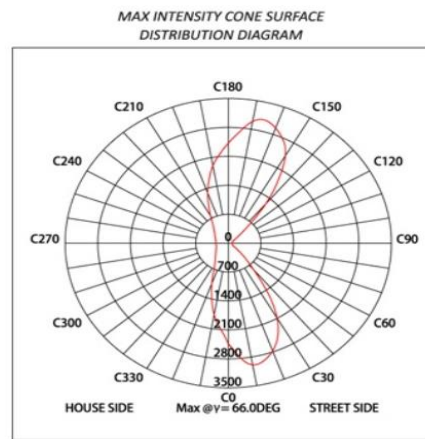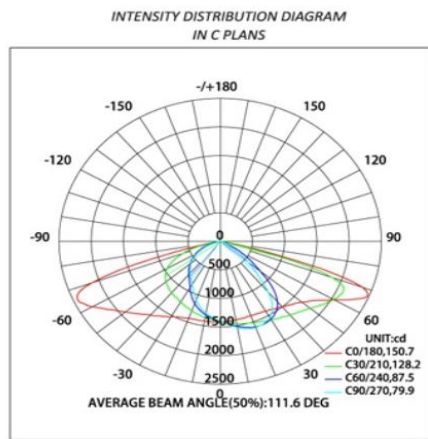
Intelligent controller work with Microwave sensor,,ensure the effective lighting.

The intelligent control system can operate without interruption, ensure the effective lighting.
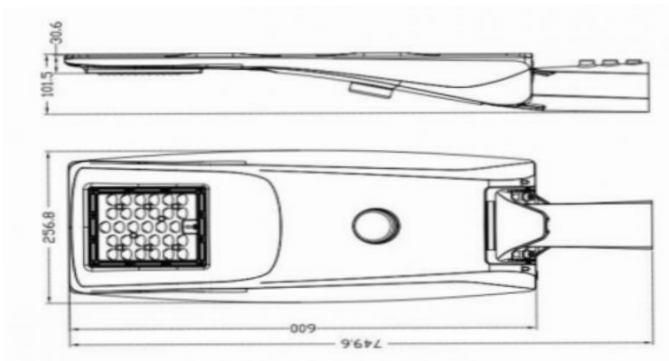
Photometrics

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

UNIT:cd
C0/180,150.7
C30/210,128.2
C60/240,87.5
C90/270,79.9

AVERAGE BEAM ANGLE(50%):111.6 DEG

MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

HOUSE SIDE   Max @γ=66.0DEG   STREET SIDE

Projected LED Lumen Maintenance

Operating hours	0	25000	50000
Lumen maintenace factor	1	0.91	0.8

Data references the extrapolated performance projections for the Solar Street LED platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM - 80-08 and projected per IESNA TM-21-11).

Dimensions

After Sale Service

The product refers to electrics knowledge. Please don't disassemble it by yourself. If any quality problem happens, please contact the factory for warranty details .

NOTE: Actual performance may differ as a result of end-user environment and application. All values are without notice.