

REC

SOLAR STREET LIGHTS



Model No: LM-002-SSBYR1-60W**

TECHNICAL DESCRIPTION

All in One Solar Street light, 100% Powered by solar, Auto On/Off mode, with a back up of 2 rainy days. With built in LiFePO4 Lithium battery with BMS system. With MPPT control and easy installation, No digging, no trenching and save more on labour cost.

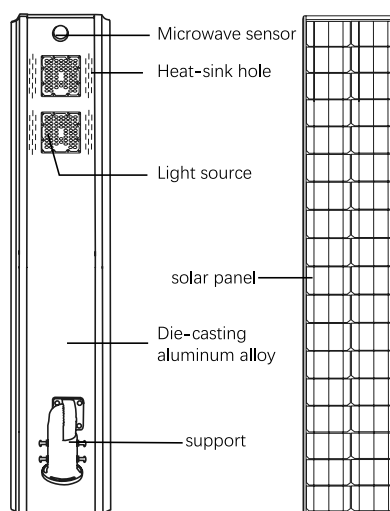
INSTALLATION

Pole/Post Mounted, Wall Mounted

AREAS OF APPLICATION

- Street Light • Road Light • Industrial Area • Residential Area
- Parking Lots • Rural Area

DIAGRAM

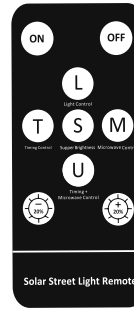
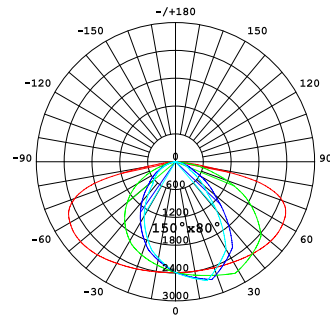


MODEL NUMBER SELECTION

LM-002-SSBYR1 - 60W

CW - 6000K
NW - 4000K
WW- 3000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PHYSICAL CHARACTERISTICS

Installation	Pole Mounted
Product Dimension	B350 x L1200 x W130
Adjustability	90°
Diffuser	PMMA Lens
Standard Finish	Silver, Grey
IP-Rating	IP66

Fixture Material	Die Cast Aluminium
Solar Panel Size	331 x 1190 (mm)
Installation Height	7-9m
Rotation	Adjustable
Optional Accessories	N/A

ELECTRICAL CHARACTERISTICS

Wattage	60W
LED Luminous Flux	8400lm
Solar Panel	100W 18V
LiFePO4 battery	33AH 12.8V
Color Rendering Index	>80
Color Temperature	3000K, 4000K, 6000K
Beam Angle	150° x 80° (Type IV)
UGR	>22
Driver Options	LYTEMASTER, TRIDONIC, MEAN WELL

ON	Instant light ON
OFF	Instant light OFF
Light Control	100% 2hr 70% 2hr 20% till dawn
Time Control	50% 1hr 100% 4hr 50% 3hr 25% 4hr
Super Brightness	100% 6hr 50% 6hr
Microwave Control	100% object move closer 30% object move away
Time + Microwave Control	100% 2hr 70% 2hr 50% 2hr 50% object move closer 20% object move away
-20%	Decrease 20% brightness based on original working mode
+20%	Increase 20% brightness based on original working mode

PRODUCT SPECIFICATION

Mains Volatge	220-240V
Frequency	50/60 Hz
Safety Class	III
Autonomy	2 Days

Environmental Temp	-20°C ~ +40°C
Rated Service Life (h)	50,000
Certification	TUV, CE, RoHS
Solar Charging	6 - 8hrs

Notice: We reserve the right to make the technical changes without notice. Please contact our sales office for further information.