

# ORION

SOLAR STREET LIGHTS



**Model No: LM-002-SSI5R\*\*-50W**

## 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.

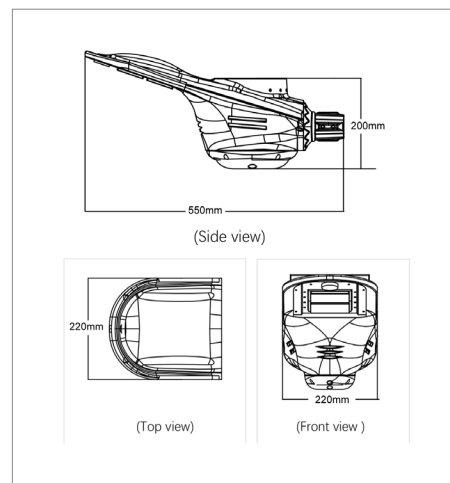
## INSTALLATION

Pole/Post Mounted, Side Mounted

## AREAS OF APPLICATION

• Street Light • Road Light • Area Lighting

## DIAGRAM

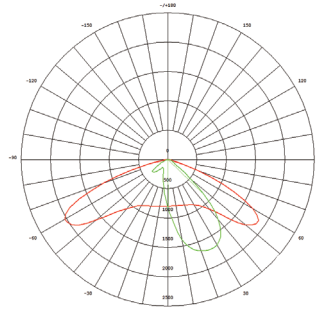


## MODEL NUMBER SELECTION

LM-002-SSI5R  -50W

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

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## PHYSICAL CHARACTERISTICS

Installation	Pole Mounted & Side Mounted	IP-Rating	IP66
Dimension	L550 x B220 x H200	IK-Rating	IK10
Adjustability	360°	Rotation	Adjustable
Diffuser	Tempered Glass	Optional Accessories	N/A
Standard Finish	Silver, Grey, Black		
Fixture Material	Die Cast Aluminium		

## ELECTRICAL CHARACTERISTICS

Light Source	Bridgelux	LIGHTING TIME	FULL POWER: <12HRS SAVING MODE : Continuously 2-3 rainy days
LED Current	1050 mA	Color Rendering Index	>75
LED Voltage	48V	Color Temperature	3000K, 4000K, 6000K
LED Power	50W	Beam Angle	60°/90°/T2/T3
System Power	50.4W	Dimming Options	NON-DIM, PHASE, 1-10V, DALI
LED Luminous Flux	10000lm	Power Factor	0.9
Chromaticity Tolerance	SDCM≤3	Driver Options	LYTEMASTER, TRIDONIC, HELVAR
Solar Module	TYPE: HIGH EFFICIENCY MONO	Options On Request	N/A

## PRODUCT SPECIFICATION

Mains Volatge	220-240V	Charging Time	By Sunshine 5-7hrs
Frequency	50/60 Hz	Environmental Temp	-20°C ~ +40°C
Safety Class	III	Rated Service Life (h)	50,000
Battery	LITHIUM IRON TYPE: LiFePO4	Certification	TUV, CE, RoHS

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