

ORION

SOLAR STREET LIGHTS



Model No: LM-002-SSI5R-20W**

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.

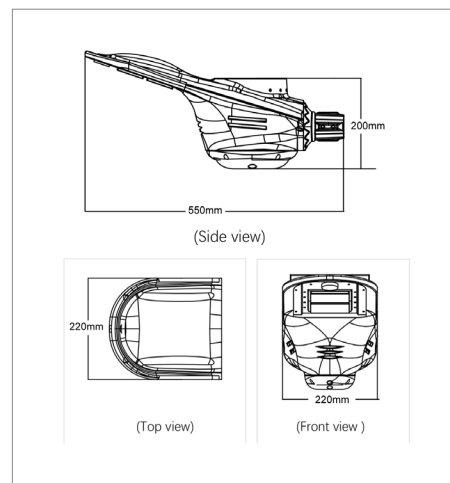
INSTALLATION

Pole/Post Mounted, Side Mounted

AREAS OF APPLICATION

• Street Light • Road Light • Area Lighting

DIAGRAM

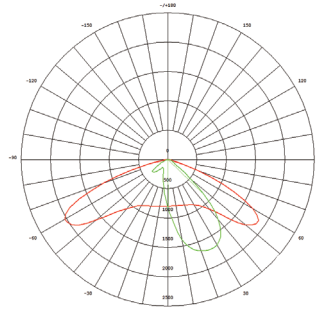


MODEL NUMBER SELECTION

LM-002-SSI5R -20W

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	550 mA	Color Rendering Index	>75
LED Voltage	36V	Color Temperature	3000K, 4000K, 6000K
LED Power	20W	Beam Angle	60°/90°/T2/T3
System Power	19.8W	Dimming Options	NON-DIM, PHASE, 1-10V, DALI
LED Luminous Flux	4000lm	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.