



Smart Bright Solar

BRP049 LED 21 CW MR S2 12V Solar Equip

SmartBright Solar is a sleek elegant & finless design innovative streetlight with best in class energy efficiency, inbuilt MPPT charge controller, High efficacy driver and LED platform to ensure higher energy saving and reliable operation over committed lifetime. SmartBright Solar Luminaire is a high pressure die-cast IK 08 rated housing, ensuring high strength and safety on the pole. The solid die-cast aluminum also has excellent heat dissipation, extending the life of the components inside. The multiple lumen packs and optics makes it optimum for the B2 category of Roads.

Product data

General Information		Temperature	
Driver included	Yes	Ambient temperature range	0 to +35 °C
CE mark	CE mark		
Warranty period	3 years		
Light Technical		Controls and Dimming	
Luminous Flux	2,100 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	5700 K	Configurability	Factory Configurable
Color rendering index (CRI)	>70		
Optical cover type	Polycarbonate		
Operating and Electrical		Mechanical and Housing	
Charge controller type	MPPT	Overall length	316 mm
Charge controller wattage	19 W	Overall width	107 mm
Cable connection kit	Included	Overall height	60 mm
Cable	Cord 0.5 m 4 core for battery and panel, without connectors and additional 1.0 m cable for solar panel included in the box	Dimensions (Height x Width x Depth)	60 x 107 x 316 mm
		Material	Pressure die cast aluminum
		Approval and Application	
		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
		Mech. impact protection code	IK08 [5 J vandal-protected]

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Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)
Application Conditions	
Solar dimming profile	Dim to 50% after 6 Hours
Grid connection type	Off grid
Battery location	Outside Luminaire
Product Data	
Order product name	BRP049 LED 21 CW MR S2 12V Solar Equip

Full product name	BRP049 LED 21 CW MR S2 12V Solar Equip
Order code	919515812159
Material Nr. (12NC)	919515812159
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

