



Smart Bright Solar

BRP049 LED 21 CW MR S2 12V LFP DIM Solar

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	Controls and Dimming	
Warranty period	3 years	Dimmable	Yes
Light Technical		Configurability	Factory Configurable
Luminous Flux	2,100 lm	Mechanical and Housing	
Correlated Color Temperature (Nom)	5700 K	Overall length	316 mm
Color rendering index (CRI)	>70	Overall width	107 mm
Optical cover type	Polycarbonate	Overall height	60 mm
Operating and Electrical		Dimensions (Height x Width x Depth)	60 x 107 x 316 mm
Charge controller type	MPPT	Material	Pressure die cast aluminum
Charge controller wattage	19 W	Approval and Application	
Cable connection kit	Included	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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	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 LFP DIM Solar

Full product name	BRP049 LED 21 CW MR S2 12V LFP DIM Solar
Order code	919515812183
Material Nr. (12NC)	919515812183
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

