



# Smart Bright Solar

## BRP049 LED 21 CW MR S2 12V LFP Solar Eq

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		Mechanical and housing	
Driver included	Yes	Overall length	316 mm
Optical cover/lens type	Polycarbonate	Overall width	107 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	Overall height	60 mm
CE mark	CE mark	<b>Approval and application</b>	
Warranty period	3 years	Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Material	Pressure die cast aluminum	Mech. impact protection code	IK08 [ 5 J vandal-protected]
<b>Operating and electrical</b>		<b>Initial performance (IEC compliant)</b>	
Charge controller type	MPPT	Initial luminous flux (system flux)	2100 lm
Charge controller wattage	19 W	Init. Corr. Color Temperature	5700 K
Cable connection kit	Included	Init. Color Rendering Index	>70
<b>Controls and dimming</b>		<b>Over time performance (IEC compliant)</b>	
Dimmable	Yes	Median useful life L70B50	50000 h
Configurability	Factory Configurable	<b>Application conditions</b>	
		Ambient temperature range	0 to +35 °C
		Solar dimming profile	Dim to 50% after 6 Hours

## Smart Bright Solar

Grid connection type	Off grid
Battery location	Outside Luminaire

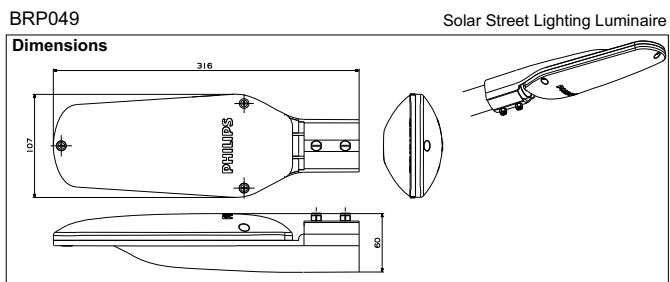
### Product data

Order product name	BRP049 LED 21 CW MR S2 12V LFP Solar Eq
Order code	919515812179
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	1
Material Nr. (12NC)	919515812179
Net Weight (Piece)	6.500 kg



## Dimensional drawing



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