



# **Smart Bright Solar**

## BRP049 LED 09 CW MR S2 12V GEL Solar Equ

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	
Driver included	Yes
CE mark	CE mark
Warranty period	3 years
Light Technical	
Luminous Flux	900 lm
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Optical cover type	Polycarbonate
Operating and Electrical	
Charge controller type	MPPT
Charge controller wattage	7 W
Cable connection kit	Included
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

0 to +35 °C		
Yes		
Factory Configurable		
316 mm		
107 mm		
60 mm		
Dimensions (Height x Width x Depth) 60 x 107 x 316 mm		
Pressure die cast aluminum		
IP65 [Dust penetration-protected, jet-proof]		
IK08 [5 J vandal-protected]		

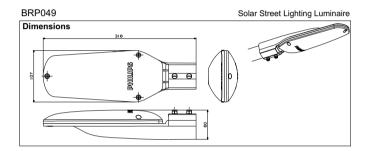
Datasheet, 2023, April 15 data subject to change

## **Smart Bright Solar**

Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)
<b>Application Conditions</b>	
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 09 CW MR S2 12V GEL Solar Equ

Full product name	BRP049 LED 09 CW MR S2 12V GEL Solar Equ
Order code	919515812164
Material Nr. (12NC)	919515812164
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

### Dimensional drawing





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