



SmartBright Solar All-in-two Street Light

BRP216 LED40/740 G2 Solar

External high efficiency polysilicon solar panel Die-casting aluminum housing, Professional lighting distribution, 2000, 3000, 4000lumens versions available, Plug-play connector between luminaire and PV panel Inbuilt LiFePO4 battery and MPPT controller.

Warnings and Safety

- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the maximum sunlight for charging the battery.
- Charge the product under sunlight for at least 8 hours before first time using.
- This luminaire does not need any external electrical connection.
- It works 100% on solar energy.

Product data

General Information	
Driver included	Yes
Value ladder	Value
Warranty period	3 years

Light Technical	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	180 lm/W
Color rendering index (CRI)	70

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	100 Ah

Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	16 V
Panel peak wattage	40 W
Grid connection type	Off grid

Controls and Dimming	
Dimmable	No
Configurability	Not configurable
Solar dimming profile	Pre-configured

Mechanical and Housing	
Housing Color	Gray
Overall length	583 mm

