



# SmartBright Solar All-in-two Street Light

## BRP216 LED30/740 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		Battery voltage	
Driver included	Yes	Battery voltage	3.2 V
Value ladder	Value	Panel type	Poly crystalline
Warranty period	3 years	Panel voltage	16 V
Light Technical		Panel peak wattage	40 W
Luminous Flux	3,000 lm	Grid connection type	Off grid
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	180 lm/W	Dimmable	No
Color rendering index (CRI)	70	Configurability	Not configurable
Operating and Electrical		Solar dimming profile	Pre-configured
Battery type	Lithium Ferro Phosphate	Mechanical and Housing	
Battery ampere hour	75 Ah	Housing Color	Gray
		Overall length	583 mm

