



# Essential SmartBright All-in-one Solar Pathway

## BRC010 LED30/765 kit G2

Integrated solar pathway light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Optional wall mounting arm bracket. Microwave based motion sensor for optimizing battery autonomy.

### Warnings and Safety

- Not recommended to install this luminaire higher than 4 meters height.
- 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.
- It works 100% on solar energy. This luminaire does not need any external electrical connection.

### Product data

General Information	
Driver included	Yes
Value ladder	Value
Warranty period	1 years
Light Technical	
Luminous Flux	3,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color rendering index (CRI)	70

Operating and Electrical	
Input Voltage	- V
Line Frequency	- Hz
Battery type	LiFePO4
Battery ampere hour	12 Ah
Battery voltage	3.2 V
Battery charging & discharging cycles	500
Panel type	Mono crystalline
Panel voltage	4 V
Panel peak wattage	10 W
Charge controller type	PWM
Connection	-

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Cable	-
Grid connection type	Off grid
<b>Controls and Dimming</b>	
Dimmable	Preset Dimming
Configurability	Not configurable
Control interface	-
Solar dimming profile	Preset Dimming
<b>Mechanical and Housing</b>	
Housing Color	Grey
Overall length	412 mm
Overall width	203 mm
Overall height	44.5 mm
Dimensions (Height x Width x Depth)	45 x 203 x 412 mm
Material	Polycarbonate
Battery location	Inbulit Luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate

Net Weight (Piece)	1.700 kg
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## Approval and Application

CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	0 to +45 °C

## Product Data

Order product name	BRC010 LED30/765 kit G2
Full product name	BRC010 LED30/765 kit G2
Full product code	872110332508299
Order code	911401807703
Material Nr. (12NC)	911401807703
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103325082
Numerator - Packs per outer box	5
EAN/UPC - Case	8721103325204

## Dimensional drawing

