



# Essential SmartBright All-in-one Solar Pathway

## BRC010 LED50/730 kit G3

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		Operating and Electrical	
Driver included	Yes	Line Frequency	- Hz
Value ladder	Value	Battery type	LiFePO4
Warranty period	1 years	Battery ampere hour	20 Ah
		Battery voltage	3.2 V
		Battery charging & discharging cycles	500
		Panel type	Mono crystalline
		Panel voltage	5 V
		Panel peak wattage	20 W
		Charge controller type	PWM
		Connection	-
		Cable	-
Light Technical			
Luminous Flux	5,000 lm		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	185 lm/W		
Color rendering index (CRI)	≥70		

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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	638 mm
Overall width	240 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 240 x 638 mm
Material	Polycarbonate
Battery location	Inbuilt luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate
Net Weight (Piece)	3.600 kg

<b>Approval and Application</b>	
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	0 to +45 °C
<b>Product Data</b>	
Order product name	BRC010 LED50/730 kit G3
Full product name	BRC010 LED50/730 kit G3
Full product code	872110333689799
Order code	911401812003
Material Nr. (12NC)	911401812003
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103336897
Numerator - Packs per outer box	5
EAN/UPC - Case	8721103337016

## Dimensional drawing

