



Essential SmartBright All-in-one Solar Pathway

BRC010 LED20/730 kit Pro 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		Operating and Electrical	
Driver included	Yes	Line Frequency	- Hz
Value ladder	Value	Battery type	LiFePO4
Warranty period	2 years	Battery ampere hour	8 Ah
		Battery voltage	3.2 V
		Battery charging & discharging cycles	1000
		Panel type	Mono crystalline
		Panel voltage	4.5 V
		Panel peak wattage	8 W
		Charge controller type	PWM
		Connection	-
		Cable	-
Light Technical			
Luminous Flux	2,000 lm		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	150 lm/W		
Color rendering index (CRI)	70		

Essential SmartBright All-in-one Solar Pathway

Grid connection type	Off grid
Controls and Dimming	
Dimmable	Preset Dimming
Configurability	Not configurable
Control interface	-
Solar dimming profile	Preset Dimming
Mechanical and Housing	
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	Inbuilt luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate
Net Weight (Piece)	1.310 kg

Approval and Application

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

Product Data

Order product name	BRC010 LED20/730 kit Pro G2
Full product name	BRC010 LED20/730 kit Pro G2
Full product code	872016976562799
Order code	911401898502
Material Nr. (12NC)	911401898502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169765627
Numerator - Packs per outer box	5
EAN/UPC - Case	8720169766228

Dimensional drawing

