Essential SmartBright All-in-one Solar Pathway

BRC010 LED30/730 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)	3000 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

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	Inbulit Luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate

Net Weight (Piece)	1.700 kg

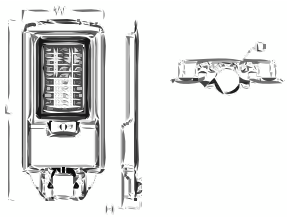
Approval and Application

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

Product Data

Order product name	BRC010 LED30/730 G2
Full product name	BRC010 LED30/730 G2
Full product code	872110332513699
Order code	911401808203
Material Nr. (12NC)	911401808203
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103325136
Numerator - Packs per outer box	5
EAN/UPC - Case	8721103325259

Dimensional drawing



Unit: mm

TYPE	W	L	H	D
1000lm	170	370	44.5	40
2000lm	203	412	44.5	50
3000lm	203	412	44.5	50
4000lm	228	505	44.5	50

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