PHILIPS

Lighting

Essential SmartBright All-in-one Solar Pathway

BRC010 LED50/740 Pro 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	
Driver included	Yes
Value ladder	Value
Warranty period	2 years

Light Technical	
Luminous Flux	5,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	185 lm/W
Color rendering index (CRI)	≥70

Operating and Electrical	
Line Frequency	- Hz
Battery type	LiFePO4
Battery ampere hour	20 Ah
Battery voltage	3.2 V
Battery charging & discharging cycles	1000
Panel type	Mono crystalline
Panel voltage	5 V
Panel peak wattage	20 W
Charge controller type	PWM
Connection	-
Cable	-

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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	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)	2.900 kg

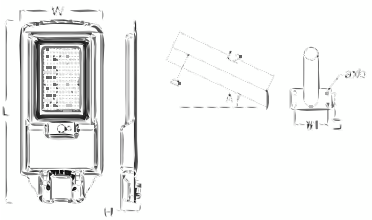
Approval and Application

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

Product Data

Order product name	BRC010 LED50/740 Pro G3
Full product name	BRC010 LED50/740 Pro G3
Full product code	872110333688099
Order code	33688099
Material Nr. (12NC)	911401811903
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103336880
Numerator - Packs per outer box	5
EAN/UPC - Case	8721103337009

Dimensional drawing



Unit: mm

TYPE	W	L	H	D	A
1000lm	171	371	44.5	38	15°
2000lm	203	472	44.5	48	25°
3000lm	203	472	44.5	48	25°
4000lm	228	508	44.5	48	25°

Unit: mm

TYPE	L2	L3	W3	a×b
1000lm	360	40	90	10×15
2000lm	360	40	90	10×15
3000lm	360	40	90	10×15
4000lm	360	40	90	10×15

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