



All-in-one Solar pathway light range up-to 4000 Lumen

Essential SmartBright All-in-one Solar Pathway Light

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.

Benefits

- Saves energy
- Environment friendly
- Easy configurability with remote
- No trenching for cabling required

Features

- Remote control for selecting lighting profile
- Wall mounting arm Kit option available
- High Lumen efficacy of upto 160lm/W
- Microwave sensor for run time maximization

Application

- Walkways
- Pathways
- Amenities
- Gardens

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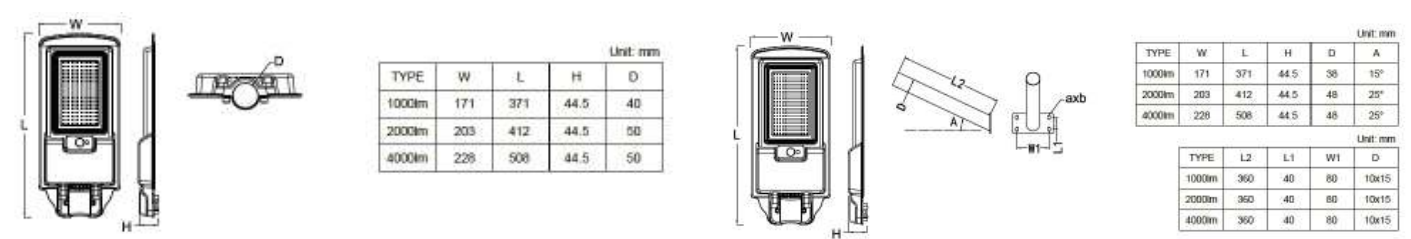
Warnings and Safety

- 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.

Versions



Dimensional drawing



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Light Technical	
Color rendering index (CRI)	70
Operating and Electrical	
Battery type	LiFePO4
Battery voltage	3.2 V
Charge controller type	PWM
Grid connection type	Off grid
Panel type	Mono crystalline
Controls and Dimming	
Dimmable	Preset Dimming
Configurability	Not configurable
Solar dimming profile	Preset Dimming
Mechanical and Housing	
Battery location	Inbuilt luminaire
Housing Color	Grey
Ingress protection code	IP65
Overall height	44.5 mm
Approval and Application	
Ambient temperature range	0 to +45 °C

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)
76518499	BRC010 LED40/765 G2	6500 K
76524599	BRC010 LED40/765 Pro G2	6500 K
76548199	BRC010 LED40/730 G2	3000 K
76560399	BRC010 LED40/730 Pro G2	3000 K
76516099	BRC010 LED10/765 G2	6500 K
76522199	BRC010 LED10/765 Pro G2	6500 K
76520799	BRC010 LED20/765 kit G2	6500 K
76526999	BRC010 LED20/765 kit Pro G2	6500 K
76519199	BRC010 LED10/765 kit G2	6500 K
76525299	BRC010 LED10/765 kit Pro G2	6500 K
76517799	BRC010 LED20/765 G2	6500 K
76523899	BRC010 LED20/765 Pro G2	6500 K
76521499	BRC010 LED40/765 kit G2	6500 K
76527699	BRC010 LED40/765 kit Pro G2	6500 K

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Battery charging & discharging cycles	Panel peak wattage	Panel voltage
76518499	BRC010 LED40/765 G2	15 Ah	500	14 W	4.5 V
76524599	BRC010 LED40/765 Pro G2	15 Ah	1000	14 W	4.5 V
76548199	BRC010 LED40/730 G2	15 Ah	500	14 W	4.5 V
76560399	BRC010 LED40/730 Pro G2	15 Ah	1000	14 W	4.5 V
76516099	BRC010 LED10/765 G2	5 Ah	500	6 W	5 V
76522199	BRC010 LED10/765 Pro G2	5 Ah	1000	6 W	5 V
76520799	BRC010 LED20/765 kit G2	8 Ah	500	8 W	4.5 V
76526999	BRC010 LED20/765 kit Pro G2	8 Ah	1000	8 W	4.5 V

Order Code	Full Product Name	Battery ampere hour	Battery charging & discharging cycles	Panel peak wattage	Panel voltage
76519199	BRC010 LED10/765 kit G2	5 Ah	500	6 W	5 V
76525299	BRC010 LED10/765 kit Pro G2	5 Ah	1000	6 W	5 V
76517799	BRC010 LED20/765 G2	8 Ah	500	8 W	4.5 V
76523899	BRC010 LED20/765 Pro G2	8 Ah	1000	8 W	4.5 V
76521499	BRC010 LED40/765 kit G2	15 Ah	500	14 W	4.5 V
76527699	BRC010 LED40/765 kit Pro G2	15 Ah	1000	14 W	4.5 V

Mechanical and Housing

Order Code	Full Product Name	Overall length	Overall width
76518499	BRC010 LED40/765 G2	508 mm	228 mm

Order Code	Full Product Name	Overall length	Overall width
76524599	BRC010 LED40/765 Pro G2	508 mm	228 mm

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Order Code	Full Product Name	Overall length	Overall width
76548199	BRC010 LED40/730 G2	508 mm	228 mm
76560399	BRC010 LED40/730 Pro G2	508 mm	228 mm
76516099	BRC010 LED10/765 G2	371 mm	171 mm
76522199	BRC010 LED10/765 Pro G2	371 mm	171 mm
76520799	BRC010 LED20/765 kit G2	412 mm	203 mm
76526999	BRC010 LED20/765 kit Pro G2	412 mm	203 mm

Order Code	Full Product Name	Overall length	Overall width
76519199	BRC010 LED10/765 kit G2	371 mm	171 mm
76525299	BRC010 LED10/765 kit Pro G2	371 mm	171 mm
76517799	BRC010 LED20/765 G2	412 mm	203 mm
76523899	BRC010 LED20/765 Pro G2	412 mm	203 mm
76521499	BRC010 LED40/765 kit G2	508 mm	228 mm
76527699	BRC010 LED40/765 kit Pro G2	508 mm	228 mm

