



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

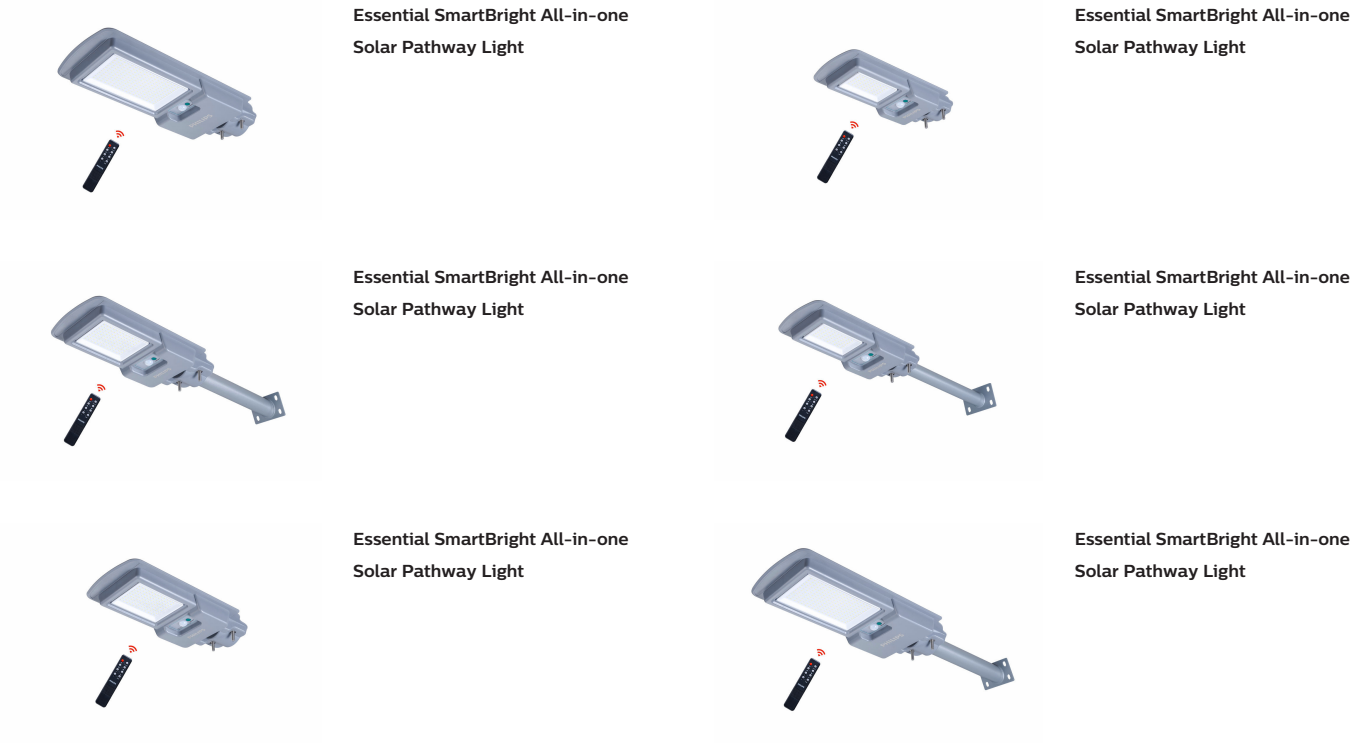
- Walkways
- Pathways
- Amenities
- Gardens

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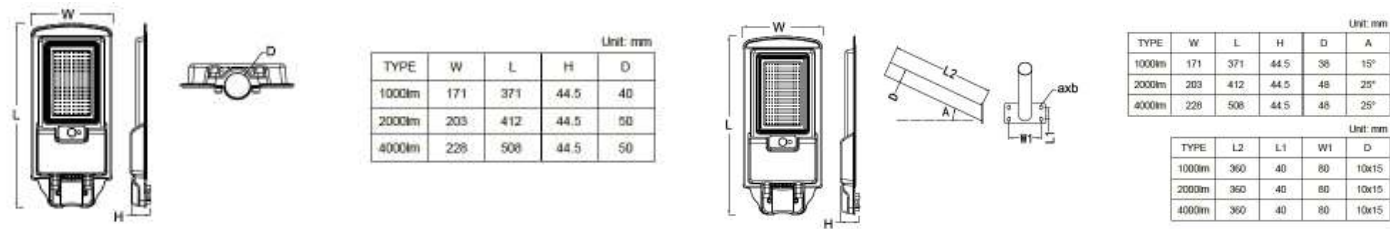
Warnings and Safety

- 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	
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	70
Operating and Electrical	
Battery charging & discharging cycles	500
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

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage	Panel voltage
911401894102	BRC010 LED40/765 G2	15 Ah	14 W	4.5 V
911401893902	BRC010 LED10/765 G2	5 Ah	6 W	5 V
911401894302	BRC010 LED20/765 kit G2	8 Ah	8 W	4.5 V
911401894202	BRC010 LED10/765 kit G2	5 Ah	6 W	5 V
911401894002	BRC010 LED20/765 G2	8 Ah	8 W	4.5 V
911401894402	BRC010 LED40/765 kit G2	15 Ah	14 W	4.5 V

Mechanical and Housing

Order Code	Full Product Name	Overall length	Overall width
911401894102	BRC010 LED40/765 G2	508 mm	228 mm
911401893902	BRC010 LED10/765 G2	371 mm	171 mm
911401894302	BRC010 LED20/765 kit G2	412 mm	203 mm

Order Code	Full Product Name	Overall length	Overall width
911401894202	BRC010 LED10/765 kit G2	371 mm	171 mm
911401894002	BRC010 LED20/765 G2	412 mm	203 mm
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