



# 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

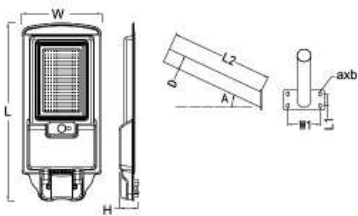
- Not recommended to install this luminaire higher than 4 meters height.
- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the maximum sunlight for charging the battery.
- Charge the product under sunlight for at least 8 hours before first time using.
- It works 100% on solar energy. This luminaire does not need any external electrical connection.

## Versions



Essential SmartBright All-in-one  
Solar Pathway Light

## Dimensional drawing



Unit: mm					
TYPE	W	L	H	D	A
1000lm	171	371	44.5	38	15°
2000lm	203	412	44.5	46	25°
4000lm	226	508	44.5	46	25°

Unit: mm				
TYPE	L2	L1	W1	D
1000lm	360	40	80	10x15
2000lm	360	40	80	10x15
4000lm	360	40	80	10x15

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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)
911401894302	BRC010 LED20/765 kit G2	6500 K
911401894902	BRC010 LED20/765 kit Pro G2	6500 K
911401894202	BRC010 LED10/765 kit G2	6500 K
911401894802	BRC010 LED10/765 kit Pro G2	6500 K
911401894402	BRC010 LED40/765 kit G2	6500 K
911401895002	BRC010 LED40/765 kit Pro G2	6500 K
911401896802	BRC010 LED40/740 kit G2	4000 K
911401897402	BRC010 LED40/730 kit G2	3000 K
911401898002	BRC010 LED40/740 kit Pro G2	4000 K
911401898602	BRC010 LED40/730 kit Pro G2	3000 K

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Battery charging & discharging cycles	Panel peak wattage	Panel voltage
911401894302	BRC010 LED20/765 kit G2	8 Ah	500	8 W	4.5 V
911401894902	BRC010 LED20/765 kit Pro G2	8 Ah	1000	8 W	4.5 V
911401894202	BRC010 LED10/765 kit G2	5 Ah	500	6 W	5 V
911401894802	BRC010 LED10/765 kit Pro G2	5 Ah	1000	6 W	5 V
911401894402	BRC010 LED40/765 kit G2	15 Ah	500	14 W	4.5 V
911401895002	BRC010 LED40/765 kit Pro G2	15 Ah	1000	14 W	4.5 V

Order Code	Full Product Name	Battery ampere hour	Battery charging & discharging cycles	Panel peak wattage	Panel voltage
911401896802	BRC010 LED40/740 kit G2	15 Ah	500	14 W	4.5 V
911401897402	BRC010 LED40/730 kit G2	15 Ah	500	14 W	4.5 V
911401898002	BRC010 LED40/740 kit Pro G2	15 Ah	1000	14 W	4.5 V
911401898602	BRC010 LED40/730 kit Pro G2	15 Ah	1000	14 W	4.5 V

Mechanical and Housing

Order Code	Full Product Name	Overall length	Overall width
911401894302	BRC010 LED20/765 kit G2	412 mm	203 mm
911401894902	BRC010 LED20/765 kit Pro G2	412 mm	203 mm
911401894202	BRC010 LED10/765 kit G2	371 mm	171 mm

Order Code	Full Product Name	Overall length	Overall width
911401894802	BRC010 LED10/765 kit Pro G2	371 mm	171 mm
911401894402	BRC010 LED40/765 kit G2	508 mm	228 mm
911401895002	BRC010 LED40/765 kit Pro G2	508 mm	228 mm

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Order Code	Full Product Name	Overall length	Overall width
911401896802	BRC010 LED40/740 kit G2	508 mm	228 mm
911401897402	BRC010 LED40/730 kit G2	508 mm	228 mm

Order Code	Full Product Name	Overall length	Overall width
911401898002	BRC010 LED40/740 kit Pro G2	508 mm	228 mm
911401898602	BRC010 LED40/730 kit Pro G2	508 mm	228 mm

