



All-in-one Solar pathway light range up-to 5000 Lumen

Essential SmartBright All-in-one Solar Pathway

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

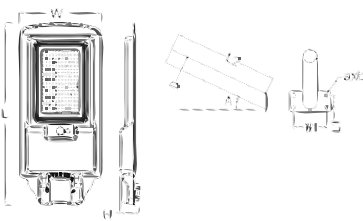
- Not recommended to install this luminaire higher than 4 meters height.
- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the maximum sunlight for charging the battery.
- Charge the product under sunlight for at least 8 hours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

Versions



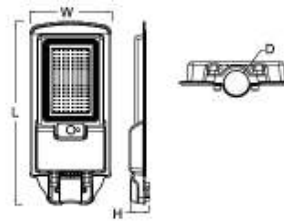
Essential SmartBright All-in-one
Solar Pathway Light

Dimensional drawing

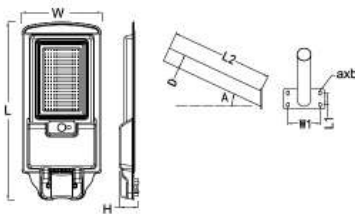


TYPE	W	L	H	D	A
1000lm	171	371	44.5	38	15°
2000lm	203	412	44.5	48	25°
3000lm	203	412	44.5	48	25°
4000lm	228	508	44.5	48	25°

TYPE	L2	L1	W1	D
1000lm	360	40	80	10x15
2000lm	360	40	80	10x15
3000lm	360	40	80	10x15
4000lm	360	40	80	10x15



TYPE	W	L	H	D
1000lm	171	371	44.5	40
2000lm	203	412	44.5	50
4000lm	228	508	44.5	50



TYPE	W	L	H	D	A
1000lm	171	371	44.5	38	15°
2000lm	203	412	44.5	48	25°
4000lm	228	508	44.5	48	25°

TYPE	L2	L1	W1	D
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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

Approval and Application

Ambient temperature range	0 to +45 °C
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Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)
33681199	BRC010 LED50/765 kit G3	6500 K	≥70
33683599	BRC010 LED50/765 kit Pro G3	6500 K	≥70
33685999	BRC010 LED50/740 kit G3	4000 K	≥70
33687399	BRC010 LED50/740 kit Pro G3	4000 K	≥70
33689799	BRC010 LED50/730 kit G3	3000 K	≥70
33691099	BRC010 LED50/730 kit Pro G3	3000 K	≥70
76518499	BRC010 LED40/765 G2	6500 K	70
76524599	BRC010 LED40/765 Pro G2	6500 K	70
76548199	BRC010 LED40/730 G2	3000 K	70
76554299	BRC010 LED40/740 Pro G2	4000 K	70
76560399	BRC010 LED40/730 Pro G2	3000 K	70
76516099	BRC010 LED10/765 G2	6500 K	70
76522199	BRC010 LED10/765 Pro G2	6500 K	70
76520799	BRC010 LED20/765 kit G2	6500 K	70
76526999	BRC010 LED20/765 kit Pro G2	6500 K	70
76519199	BRC010 LED10/765 kit G2	6500 K	70
76525299	BRC010 LED10/765 kit Pro G2	6500 K	70
76517799	BRC010 LED20/765 G2	6500 K	70
76523899	BRC010 LED20/765 Pro G2	6500 K	70
76521499	BRC010 LED40/765 kit G2	6500 K	70
76527699	BRC010 LED40/765 kit Pro G2	6500 K	70
76557399	BRC010 LED40/740 kit Pro G2	4000 K	70
33682899	BRC010 LED50/765 G3	6500 K	≥70
33684299	BRC010 LED50/765 Pro G3	6500 K	≥70
33686699	BRC010 LED50/740 G3	4000 K	≥70
33688099	BRC010 LED50/740 Pro G3	4000 K	≥70
33690399	BRC010 LED50/730 G3	3000 K	≥70
33692799	BRC010 LED50/730 Pro G3	3000 K	≥70

Operating and Electrical

Order Code	Full Product Name	Battery			
		Battery ampere hour	charging & discharging cycles	Panel peak wattage	Panel voltage
33681199	BRC010 LED50/765 kit G3	20 Ah	500	20 W	5 V
33683599	BRC010 LED50/765 kit Pro G3	20 Ah	1000	20 W	5 V
33685999	BRC010 LED50/740 kit G3	20 Ah	500	20 W	5 V
33687399	BRC010 LED50/740 kit Pro G3	20 Ah	1000	20 W	5 V
33689799	BRC010 LED50/730 kit G3	20 Ah	500	20 W	5 V
33691099	BRC010 LED50/730 kit Pro G3	20 Ah	1000	20 W	5 V

Order Code	Full Product Name	Battery			
		Battery ampere hour	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
76554299	BRC010 LED40/740 Pro G2	15 Ah	1000	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

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Order Code	Full Product Name	Battery ampere hour	Battery charging & discharging cycles	Panel peak wattage	Panel voltage
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
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

Order Code	Full Product Name	Battery ampere hour	Battery charging & discharging cycles	Panel peak wattage	Panel voltage
76557399	BRC010 LED40/740 kit Pro G2	15 Ah	1000	14 W	4.5 V
33682899	BRC010 LED50/765 G3	20 Ah	500	20 W	5 V
33684299	BRC010 LED50/765 Pro G3	20 Ah	1000	20 W	5 V
33686699	BRC010 LED50/740 G3	20 Ah	500	20 W	5 V
33688099	BRC010 LED50/740 Pro G3	20 Ah	1000	20 W	5 V
33690399	BRC010 LED50/730 G3	20 Ah	500	20 W	5 V
33692799	BRC010 LED50/730 Pro G3	20 Ah	1000	20 W	5 V

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
33681199	BRC010 LED50/765 kit G3	50 mm	638 mm	240 mm
33683599	BRC010 LED50/765 kit Pro G3	50 mm	638 mm	240 mm
33685999	BRC010 LED50/740 kit G3	50 mm	638 mm	240 mm
33687399	BRC010 LED50/740 kit Pro G3	50 mm	638 mm	240 mm
33689799	BRC010 LED50/730 kit G3	50 mm	638 mm	240 mm
33691099	BRC010 LED50/730 kit Pro G3	50 mm	638 mm	240 mm
76518499	BRC010 LED40/765 G2	44.5 mm	508 mm	228 mm
76524599	BRC010 LED40/765 Pro G2	44.5 mm	508 mm	228 mm
76548199	BRC010 LED40/730 G2	44.5 mm	508 mm	228 mm
76554299	BRC010 LED40/740 Pro G2	44.5 mm	508 mm	228 mm
76560399	BRC010 LED40/730 Pro G2	44.5 mm	508 mm	228 mm
76516099	BRC010 LED10/765 G2	44.5 mm	371 mm	171 mm
76522199	BRC010 LED10/765 Pro G2	44.5 mm	371 mm	171 mm
76520799	BRC010 LED20/765 kit G2	44.5 mm	412 mm	203 mm
76526999	BRC010 LED20/765 kit Pro G2	44.5 mm	412 mm	203 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
76519199	BRC010 LED10/765 kit G2	44.5 mm	371 mm	171 mm
76525299	BRC010 LED10/765 kit Pro G2	44.5 mm	371 mm	171 mm
76517799	BRC010 LED20/765 G2	44.5 mm	412 mm	203 mm
76523899	BRC010 LED20/765 Pro G2	44.5 mm	412 mm	203 mm
76521499	BRC010 LED40/765 kit G2	44.5 mm	508 mm	228 mm
76527699	BRC010 LED40/765 kit Pro G2	44.5 mm	508 mm	228 mm
76557399	BRC010 LED40/740 kit Pro G2	44.5 mm	508 mm	228 mm
33682899	BRC010 LED50/765 G3	50 mm	638 mm	240 mm
33684299	BRC010 LED50/765 Pro G3	50 mm	638 mm	240 mm
33686699	BRC010 LED50/740 G3	50 mm	638 mm	240 mm
33688099	BRC010 LED50/740 Pro G3	50 mm	638 mm	240 mm
33690399	BRC010 LED50/730 G3	50 mm	638 mm	240 mm
33692799	BRC010 LED50/730 Pro G3	50 mm	638 mm	240 mm

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