



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

Essential SmartBright All-in-one Solar Streetlight

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Optional pole mounting bracket. Microwave based motion sensor for optimizing battery autonomy.

Benefits

- Preserves landscape as no trenching for cabling required
- Saves energy
- Environment friendly
- Easy configurability with remote.

Features

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

Application

- Gardens
- Walkways

Warnings and Safety

- Factory set dimming profile along with microwave sensor for run time maximization

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Versions



BRC010 LED10/765



BRC010 LED20/765



BRC010 LED40/765



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Application Conditions

Ambient temperature range	0 to +45 °C
Battery location	Inside luminaire
Solar dimming profile	As per remote controller

Approval and Application

Ingress protection code	IP65
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Controls and Dimming

Dimmable	Yes
Configurability	Configurable

Operating and Electrical

Battery type	Lithium Ferro Phosphate
Battery voltage	3.2 V
Charge controller type	PWM
Panel type	Poly crystalline
Panel voltage	4.5 V

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>70

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage
911401827502	BRC010 LED10/765	5 Ah	6 W
911401827602	BRC010 LED20/765	8 Ah	8 W
911401827702	BRC010 LED40/765	15 Ah	12 W
911401827802	BRC010 LED10/765 kit	5 Ah	6 W
911401827902	BRC010 LED20/765 kit	8 Ah	8 W
911401828002	BRC010 LED40/765 kit	15 Ah	12 W

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width	Order Code	Full Product Name	Overall height	Overall length	Overall width
911401827502	BRC010 LED10/765	52 mm	395 mm	205 mm	911401827802	BRC010 LED10/765 kit	52 mm	395 mm	205 mm
911401827602	BRC010 LED20/765	54 mm	485 mm	230 mm	911401827902	BRC010 LED20/765 kit	54 mm	485 mm	230 mm
911401827702	BRC010 LED40/765	54 mm	625 mm	250 mm	911401828002	BRC010 LED40/765 kit	54 mm	625 mm	250 mm

