



# 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

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

## Features

- Remote control for selecting lighting profile.
- $\cdot$  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

# Essential SmartBright All-in-one Solar Streetlight

## Versions









BRC010 LED20/765

BRC010 LED10/765

BRC010 LED10/765 kit

BRC010 LED20/765 kit



ALLAND .

BRC010 LED40/765 kit

BRC010 LED40/765

## Dimensional drawing









# Essential SmartBright All-in-one Solar Streetlight

Light Technical				
Correlated Color Temperature (Nom)	6500 K			
Color rendering index (CRI)	>70			
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			
Temperature				
Ambient temperature range	0 to +45 °C			
Controls and Dimming				
Dimmable	Yes			
Configurability	Configurable			
Approval and Application				
Ingress protection code	IP65			
Application Conditions				
Battery location	Inside luminaire			
Solar dimming profile	As per remote			
	controller			

#### **Operating and Electrical**

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage
911401827602	BRC010 LED20/765	8 Ah	8 W
911401827502	BRC010 LED10/765	5 Ah	6 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	13 W
911401827702	BRC010 LED40/765	15 Ah	13 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
911401827602	BRC010 LED20/765	54 mm	485 mm	230 mm	911401827902	BRC010 LED20/765 kit	54 mm	485 mm	230 mm
911401827502	BRC010 LED10/765	52 mm	395 mm	205 mm	911401828002	BRC010 LED40/765 kit	54 mm	625 mm	250 mm
911401827802	BRC010 LED10/765 kit	52 mm	395 mm	205 mm	911401827702	BRC010 LED40/765	54 mm	625 mm	250 mm



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