



# Essential SmartBright All-in-one Solar Streetlight

## BRC010 LED20/765

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.

### Warnings and Safety

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

### Product data

General Information			
Driver included	Yes	Panel voltage	4.5 V
Warranty period	1 years	Panel peak wattage	8 W
		Charge controller type	PWM
Light Technical		Temperature	
Luminous Flux	2,000 lm	Ambient temperature range	0 to +45 °C
Correlated Color Temperature (Nom)	6500 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	130 lm/W	Dimmable	Yes
Color rendering index (CRI)	>70	Configurability	Configurable
Optical cover type	Reflector	Control interface	IR remote
Operating and Electrical		Mechanical and Housing	
Battery type	Lithium Ferro Phosphate	Overall length	485 mm
Battery ampere hour	8 Ah	Overall width	230 mm
Battery voltage	3.2 V	Overall height	54 mm
Panel type	Poly crystalline		

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Dimensions (Height x Width x Depth)	54 x 230 x 485 mm
Material	Acrylonitrile-butadiene-styrene
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Application Conditions	
Solar dimming profile	As per remote controller
Battery location	Inside luminaire
Product Data	
Order product name	BRC010 LED20/765

Full product name	BRC010 LED20/765
Full product code	692382864898599
Order code	911401827602
Material Nr. (12NC)	911401827602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828648985
Numerator - Packs per outer box	5
EAN/UPC - Case	6923828648831

Dimensional drawing

