



# Essential SmartBright All-in-one Solar Streetlight

## BRC010 LED40/765 kit

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
Remarks	Mounting bracket included
Light Technical	
Luminous Flux	4,000 lumen
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	>70
Optical cover/lens type	Reflector
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	15 Ah
Battery voltage	3.2 V
Panel type	Poly crystalline

Panel voltage	4.5 V
Panel peak wattage	12 W
Charge controller type	PWM
Temperature	
Ambient temperature range	0 to +45 °C
Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Control interface	IR remote
Mechanical and Housing	
Overall length	625 mm
Overall width	250 mm
Overall height	54 mm

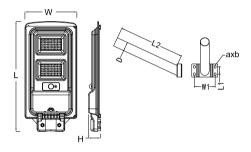
Datasheet, 2023, August 2 data subject to change

## Essential SmartBright All-in-one Solar Streetlight

Dimensions (Height x Width x Depth)	54 x 250 x 625 mm
Material	Acrylonitrile-butadiene-styrene
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Warranty period	1 years
Application Conditions	
Solar dimming profile	As per remote controller
Battery location	Inside luminaire

Product Data	
Full product code	692382864902999
Order product name	BRC010 LED40/765 kit
Order code	911401828002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401828002
Full product name	BRC010 LED40/765 kit
EAN/UPC - Case	6923828648879

### Dimensional drawing





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