



# 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
Optical cover/lens type	Reflector
Control interface	IR remote
Warranty period	1 years
Material	Acrylonitrile-butadiene-styrene
Operating and electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	8 Ah
Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	4.5 V
Panel peak wattage	8 W
Charge controller type	PWM

Controls and dimming		
Dimmable	Yes	
Configurability	Configurable	
Mechanical and housing		
Overall length	485 mm	
Overall width	230 mm	
Overall height	54 mm	
Approval and application		
Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]	
Initial performance (IEC compliant)		
Initial luminous flux (system flux)	2000 lm	
Initial LED luminaire efficacy	130 lm/W	
Init. Corr. Color Temperature	6500 K	

Datasheet, 2022, December 7 data subject to change

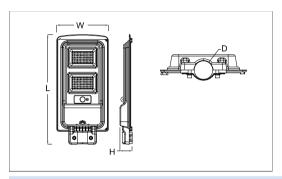
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Init. Color Rendering Index	>70	
Application conditions		
Ambient temperature range	0 to +45 °C	
Solar dimming profile	As per remote controller	
Battery location	Inside luminaire	
Product data		
Full product code	692382864898599	
Order product name	BRC010 LED20/765	

EAN/UPC - Product	6923828648985
Order code	911401827602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	5
Material Nr. (12NC)	911401827602
Net Weight (Piece)	1.750 kg



### Dimensional drawing



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