



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
Warranty period	1 years
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>70
Optical cover type	Reflector
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
Temperature	
Ambient temperature range	0 to +45 °C
Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Control interface	IR remote
Mechanical and Housing	
Overall length	485 mm
Overall width	230 mm
Overall height	54 mm

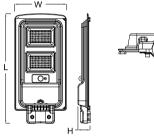
Datasheet, 2023, August 28 data subject to change

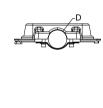
Essential SmartBright All-in-one Solar Streetlight

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







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.