PHILIPS

Lighting

GreenVision All-in-one Solar Street Light

BRP715 LED50 CW Solar hybrid 5Y

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and MPPT charge controller built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different tilt angles, lateral and pole top mounting. Adjustable LED module for better distribution of light when required.

Product data

General Information	
Driver included	Yes
Warranty period	5 years

Light Technical	
Luminous Flux	5,000 lm
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Battery type	LiFePO4
Battery ampere hour	12 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	17.5 V
Panel peak wattage	33 W
Charge controller type	MPPT
Cable connection kit	Excluded
Cable	- Cable 0.5 m without plug
Grid connection type	Hybrid
Surge Protection (Common/Differential)	Surge protection level until 10 kV

Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Solar dimming profile	Dimming along with mircowave motion sensor

Mechanical and Housing	
Housing Color	Black
Overall length	560 mm
Overall width	366 mm
Overall height	133 mm
Dimensions (Height x Width x Depth)	133 x 366 x 560 mm
Material	Aluminum
Battery location	Inbuilt
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

GreenVision All-in-one Solar Street Light

Optical cover type	Polycarbonate
Net Weight (Piece)	7.990 kg

Approval and Application

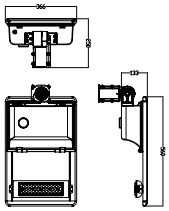
EU RoHS compliant	Yes
Ambient temperature range	-10 °C to 55 °C

Product Data

Order product name	BRP715 LED50 CW Solar hybrid 5Y
Full product name	BRP715 LED50 CW Solar hybrid 5Y

Full product code	872110331132000
Order code	911401669509
Material Nr. (12NC)	911401669509
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103311320
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103311320

Dimensional drawing



© 2025 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.