PHILIPS

Lighting

GreenVision All-in-one Solar Street Light

BRP715 LED120 CW Solar hybrid 3Y

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	3 years

Light Technical	
Luminous Flux	12,000 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	18 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	19 V
Panel peak wattage	70 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	1,080 mm
Overall width	366 mm
Overall height	133 mm
Dimensions (Height x Width x Depth)	133 x 366 x 1080 mm
Material	Aluminum
Battery location	Inbuilt
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

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Optical cover type	Polycarbonate
Net Weight (Piece)	12.590 kg

Approval and Application

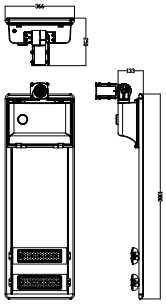
EU RoHS compliant	Yes
Ambient temperature range	-10 °C to 55 °C

Product Data

Order product name	BRP715 LED120 CW Solar hybrid 3Y
Full product name	BRP715 LED120 CW Solar hybrid 3Y

Full product code	872110331125200
Order code	911401668809
Material Nr. (12NC)	911401668809
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103311252
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103311252

Dimensional drawing



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