PHILIPS

Lighting

GreenVision All-in-one Solar Street Light

BRP715 LED180 CW Solar

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	18,000 lm
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	24 Ah
Battery voltage	25.6 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	36 V
Panel peak wattage	80 W
Charge controller type	MPPT
Cable	-
Grid connection type	Off grid

Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Control interface	IR remote
Solar dimming profile	Dimming along with micriwave sensor

Mechanical and Housing	
Housing Color	Black
Overall length	1,345 mm
Overall width	366 mm
Overall height	133 mm
Dimensions (Height x Width x Depth)	133 x 366 x 1345 mm
Battery location	Inbuilt
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate
Net Weight (Piece)	16.720 kg

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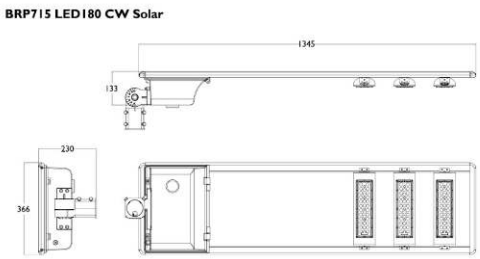
Approval and Application	
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-10 °C to 55 °C

Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)

Product Data	
Order product name	BRP715 LED180 CW Solar

Full product name	BRP715 LED180 CW Solar
Full product code	871951495415100
Order code	911401625908
Material Nr. (12NC)	911401625908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514954151
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514954151

Dimensional drawing



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