



All-in-one Solar street light range up-to 18000 lumens, suitable for high ambient temperature applications

GreenVision All-in-one Solar Street Light

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.

Benefits

- Brings light to areas without access to electric grid
- Preserves landscape as no trenching for cabling required
- Sturdy construction
- Suitable for high ambient temperature operation
- Saves energy, environment friendly

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Features

- High luminous efficacy of > 180 lm/Watt to maximize battery performance
- MPPT charge controller for maximum efficiency
- Specially designed pole mounting bracket with adjustable tilt angles, which can also be used in post top & lateral mounting positions
- 3G compliant pressure die-cast aluminum housing for sturdiness and excellent heat dissipation
- Factory set dimming profile along with microwave sensor for run time maximization. Dimming can be configured at site with the help of configuration remote controller.
- Self diagnostic feature with LED Indicators.

Application

- Road and streetlighting
- Perimeter lighting
- Parks, pedestrian paths, cycle tracks
- Shopping centers, plazas
- Industries, office and school campuses
- Sub-urban areas

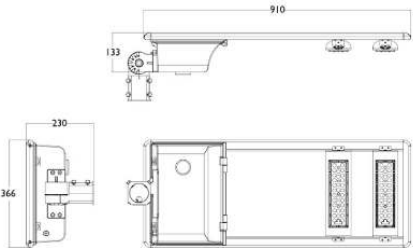
Versions

			
GreenVision SolarAIO-BRP715 LED90	GreenVision SolarAIO-BRP715 LED50	GreenVision SolarAIO-BRP715 LED120	Solar Street Lights
			
GreenVision SolarAIO-BRP715 LED180	GreenVision SolarAIO-BRP715 LED70		

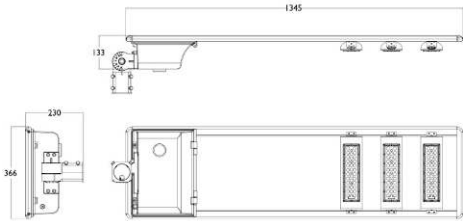
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Dimensional drawing

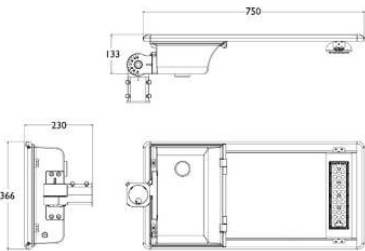
BRP715 LED90 CW Solar



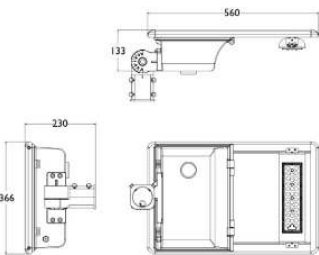
BRP715 LED180 CW Solar



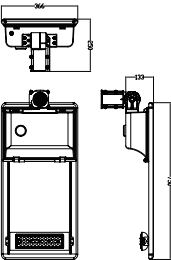
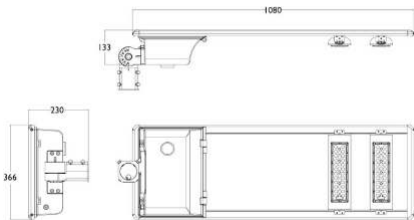
BRP715 LED70 CW Solar



BRP715 LED50 CW Solar



BRP715 LED120 CW Solar



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Light Technical	
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Operating and Electrical	
Battery charging & discharging cycles	2000
Charge controller type	MPPT
Grid connection type	Off grid
Panel type	Mono crystalline
Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Mechanical and Housing	
Battery location	Inbuilt
Housing Color	Black
Ingress protection code	IP65
Overall height	133 mm
Overall width	366 mm

Operating and Electrical (1/2)

Order Code	Full Product Name	Battery	Battery type	Battery	Panel peak
		ampere hour		voltage	wattage
911401625708	BRP715 LED90 CW Solar	24 Ah	Lithium Ferro Phosphate	12.8 V	50 W
911401625508	BRP715 LED50 CW Solar	12 Ah	Lithium Ferro Phosphate	12.8 V	25 W
911401625808	BRP715 LED120 CW Solar	30 Ah	Lithium Ferro Phosphate	12.8 V	60 W
911401668408	BRP715 LED70 WW Solar	18 Ah	LiFePO4	12.8 V	40 W
911401625908	BRP715 LED180 CW Solar	24 Ah	Lithium Ferro Phosphate	25.6 V	80 W
911401625608	BRP715 LED70 CW Solar	18 Ah	Lithium Ferro Phosphate	12.8 V	40 W

Operating and Electrical (2/2)

Order Code	Full Product Name	Panel voltage
911401625708	BRP715 LED90 CW Solar	18 V
911401625508	BRP715 LED50 CW Solar	18 V
911401625808	BRP715 LED120 CW Solar	18 V

Order Code	Full Product Name	Panel voltage
911401668408	BRP715 LED70 WW Solar	18 V
911401625908	BRP715 LED180 CW Solar	36 V
911401625608	BRP715 LED70 CW Solar	18 V

Controls and Dimming

Order Code	Full Product Name	Solar dimming profile
911401625708	BRP715 LED90 CW Solar	Dimming along with micriwave sensor
911401625508	BRP715 LED50 CW Solar	Dimming along with micriwave sensor
911401625808	BRP715 LED120 CW Solar	Dimming along with micriwave sensor
911401668408	BRP715 LED70 WW Solar	Dimming along with mircowave motion sensor

Order Code	Full Product Name	Solar dimming profile
911401625908	BRP715 LED180 CW Solar	Dimming along with micriwave sensor
911401625608	BRP715 LED70 CW Solar	Dimming along with micriwave sensor

Mechanical and Housing

Order Code	Full Product Name	Overall length
911401625708	BRP715 LED90 CW Solar	910 mm
911401625508	BRP715 LED50 CW Solar	560 mm
911401625808	BRP715 LED120 CW Solar	1,080 mm

Order Code	Full Product Name	Overall length
911401668408	BRP715 LED70 WW Solar	750 mm
911401625908	BRP715 LED180 CW Solar	1,345 mm
911401625608	BRP715 LED70 CW Solar	750 mm

Approval and Application

Order Code	Full Product Name	Ambient temperature range
911401625708	BRP715 LED90 CW Solar	-20 to +55 °C
911401625508	BRP715 LED50 CW Solar	-20 to +55 °C
911401625808	BRP715 LED120 CW Solar	-20 to +55 °C

Order Code	Full Product Name	Ambient temperature range
911401668408	BRP715 LED70 WW Solar	-20 °C to 55 °C
911401625908	BRP715 LED180 CW Solar	-20 to +55 °C
911401625608	BRP715 LED70 CW Solar	-20 to +55 °C

Application Conditions

GreenVision All-in-one Solar Street Light

Order Code	Full Product Name	Ambient temperature range for charging	Ambient temperature range for discharging (when light is on)
911401625708	BRP715 LED90 CW Solar	0 °C to +55 °C	-20 °C to +55 °C
911401625508	BRP715 LED50 CW Solar	0 °C to +55 °C	-20 °C to +55 °C
911401625808	BRP715 LED120 CW Solar	0 °C to +55 °C	-20 °C to +55 °C

Order Code	Full Product Name	Ambient temperature range for charging	Ambient temperature range for discharging (when light is on)
911401668408	BRP715 LED70 WW Solar	0 °C to 55 °C	-20 °C to 55 °C
911401625908	BRP715 LED180 CW Solar	0 °C to +55 °C	-20 °C to +55 °C
911401625608	BRP715 LED70 CW Solar	0 °C to +55 °C	-20 °C to +55 °C

