



# 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

# GreenVision All-in-one Solar Street Light

## 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 All-in-one Solar Street Light

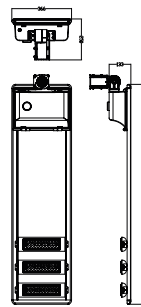
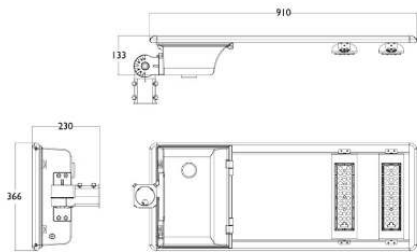
## Versions



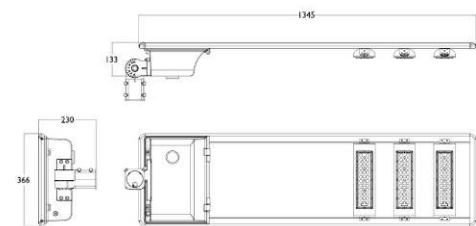
GreenVision SolarAIO-BRP715 LED70

## Dimensional drawing

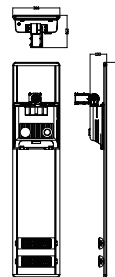
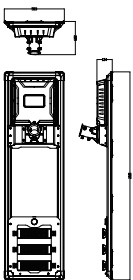
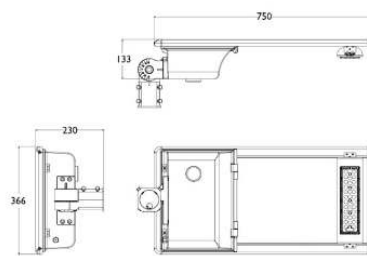
BRP715 LED90 CW Solar



BRP715 LED180 CW Solar



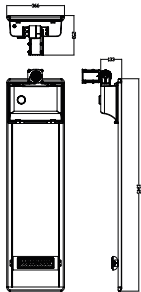
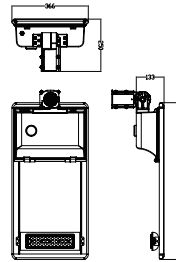
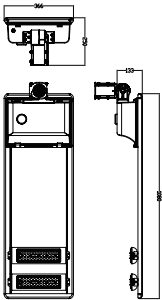
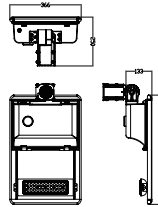
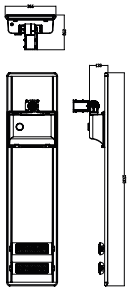
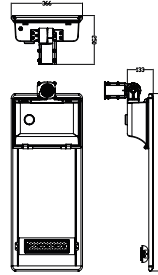
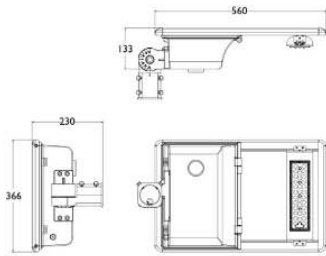
BRP715 LED70 CW Solar



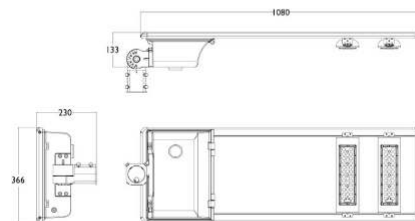
# GreenVision All-in-one Solar Street Light

## Dimensional drawing

BRP715 LED50 CW Solar

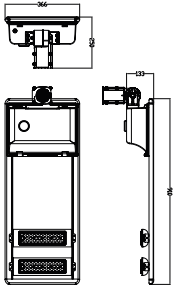


BRP715 LED120 CW Solar



# GreenVision All-in-one Solar Street Light

## Dimensional drawing



## Product details



Solar Street Lights



Solar Street Lights



Solar Street Lights



Solar Street Lights



Solar Street Lights



Solar Street Lights



Solar Street Lights



Solar Street Lights

# GreenVision All-in-one Solar Street Light

## Product details



Solar Street Lights



Solar Street Lights

### 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
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

### Approval and Application

Ambient temperature range	-10 °C to 55 °C
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## Operating and Electrical (1/2)

Order Code	Full Product Name	Battery ampere hour	Battery type	Battery voltage	Cable connection kit
911401625708	BRP715 LED90 CW Solar	24 Ah	Lithium Ferro Phosphate	12.8 V	-
911401668809	BRP715 LED120 CW Solar hybrid 3Y	18 Ah	LiFePO4	12.8 V	Excluded
911401669809	BRP715 LED120 CW Solar hybrid 5Y	18 Ah	LiFePO4	12.8 V	Excluded
911401626208	BRP715 LED90 CW Solar Pro	48 Ah	LiFePO4	12.8 V	-
911401626708	BRP715 LED90 CW Solar 5	24 Ah	LiFePO4	12.8 V	-
911401627208	BRP715 LED90 CW Solar Pro 5	48 Ah	LiFePO4	12.8 V	-
911401669309	BRP715 LED120 CW Solar Pro hybrid 3Y	30 Ah	LiFePO4	12.8 V	Excluded
911401670309	BRP715 LED120 CW Solar Pro hybrid 5Y	30 Ah	LiFePO4	12.8 V	Excluded
911401626008	BRP715 LED50 CW Solar Pro	30 Ah	LiFePO4	12.8 V	-
911401626508	BRP715 LED50 CW Solar 5	12 Ah	LiFePO4	12.8 V	-
911401627008	BRP715 LED50 CW Solar Pro 5	30 Ah	LiFePO4	12.8 V	-
911401669209	BRP715 LED90 CW Solar Pro hybrid 3Y	30 Ah	LiFePO4	12.8 V	Excluded
911401670209	BRP715 LED90 CW Solar Pro hybrid 5Y	30 Ah	LiFePO4	12.8 V	Excluded
911401625508	BRP715 LED50 CW Solar	12 Ah	Lithium Ferro Phosphate	12.8 V	-
911401668709	BRP715 LED90 CW Solar hybrid 3Y	12 Ah	LiFePO4	12.8 V	Excluded
911401669709	BRP715 LED90 CW Solar hybrid 5Y	12 Ah	LiFePO4	12.8 V	Excluded
911401668509	BRP715 LED50 CW Solar hybrid 3Y	12 Ah	LiFePO4	12.8 V	Excluded
911401669509	BRP715 LED50 CW Solar hybrid 5Y	12 Ah	LiFePO4	12.8 V	Excluded
911401625808	BRP715 LED120 CW Solar	30 Ah	Lithium Ferro Phosphate	12.8 V	-
911401626408	BRP715 LED180 CW Solar Pro	48 Ah	LiFePO4	25.6 V	-
911401626908	BRP715 LED180 CW Solar 5	24 Ah	LiFePO4	25.6 V	-
911401627408	BRP715 LED180 CW Solar Pro 5	48 Ah	LiFePO4	25.6 V	-

## GreenVision All-in-one Solar Street Light

Order Code	Full Product Name	Battery		Battery voltage	Cable connection kit
		ampere hour	Battery type		
911401626108	BRP715 LED70 CW Solar Pro	42 Ah	LiFePO4	12.8 V	-
911401626608	BRP715 LED70 CW Solar 5	18 Ah	LiFePO4	12.8 V	-
911401627108	BRP715 LED70 CW Solar Pro 5	42 Ah	LiFePO4	12.8 V	-
911401669409	BRP715 LED180 CW Solar Pro hybrid 3Y	24 Ah	LiFePO4	25.6 V	Excluded
911401670409	BRP715 LED180 CW Solar Pro hybrid 5Y	24 Ah	LiFePO4	25.6 V	Excluded
911401625908	BRP715 LED180 CW Solar	24 Ah	Lithium Ferro Phosphate	25.6 V	-
911401669009	BRP715 LED50 CW Solar Pro hybrid 3Y	12 Ah	LiFePO4	12.8 V	Excluded
911401670009	BRP715 LED50 CW Solar Pro hybrid 5Y	12 Ah	LiFePO4	12.8 V	Excluded
911401668609	BRP715 LED70 CW Solar hybrid 3Y	12 Ah	LiFePO4	12.8 V	Excluded
911401669609	BRP715 LED70 CW Solar hybrid 5Y	12 Ah	LiFePO4	12.8 V	Excluded
911401668909	BRP715 LED180 CW Solar hybrid 3Y	15 Ah	LiFePO4	25.6 V	Excluded
911401669909	BRP715 LED180 CW Solar hybrid 5Y	15 Ah	LiFePO4	25.6 V	Excluded
911401626308	BRP715 LED120 CW Solar Pro	66 Ah	LiFePO4	12.8 V	-
911401627308	BRP715 LED120 CW Solar Pro 5	66 Ah	LiFePO4	12.8 V	-
911401625608	BRP715 LED70 CW Solar	18 Ah	Lithium Ferro Phosphate	12.8 V	-
911401669109	BRP715 LED70 CW Solar Pro hybrid 3Y	18 Ah	LiFePO4	12.8 V	Excluded
911401670109	BRP715 LED70 CW Solar Pro hybrid 5Y	18 Ah	LiFePO4	12.8 V	Excluded

### Operating and Electrical (2/2)

Order Code	Full Product Name	Grid connection type	Panel peak wattage	Panel voltage
911401668809	BRP715 LED120 CW Solar hybrid 3Y	Hybrid	70 W	19 V
911401669809	BRP715 LED120 CW Solar hybrid 5Y	Hybrid	70 W	19 V
911401626208	BRP715 LED90 CW Solar Pro	Off grid	90 W	18 V
911401626708	BRP715 LED90 CW Solar 5	Off grid	50 W	18 V
911401627208	BRP715 LED90 CW Solar Pro 5	Off grid	90 W	18 V
911401669309	BRP715 LED120 CW Solar Pro hybrid 3Y	Hybrid	110 W	17.5 V

Order Code	Full Product Name	Grid connection type	Panel peak wattage	Panel voltage
911401626008	BRP715 LED50 CW Solar Pro	Off grid	50 W	18 V
911401626508	BRP715 LED50 CW Solar 5	Off grid	25 W	18 V
911401627008	BRP715 LED50 CW Solar Pro 5	Off grid	50 W	18 V
911401669209	BRP715 LED90 CW Solar Pro hybrid 3Y	Hybrid	100 W	22 V
911401670209	BRP715 LED90 CW Solar Pro hybrid 5Y	Hybrid	100 W	22 V
911401625508	BRP715 LED50 CW Solar	Off grid	25 W	18 V

## GreenVision All-in-one Solar Street Light

Order Code	Full Product Name	Grid connection type	Panel peak wattage	Panel voltage
911401668709	BRP715 LED90 CW Solar hybrid 3Y	Hybrid	55 W	19 V
911401669709	BRP715 LED90 CW Solar hybrid 5Y	Hybrid	55 W	19 V
911401668509	BRP715 LED50 CW Solar hybrid 3Y	Hybrid	33 W	17.5 V
911401669509	BRP715 LED50 CW Solar hybrid 5Y	Hybrid	33 W	17.5 V
911401625808	BRP715 LED120 CW Solar	Off grid	60 W	18 V
911401626408	BRP715 LED180 CW Solar Pro	Off grid	160 W	36 V
911401626908	BRP715 LED180 CW Solar 5	Off grid	80 W	36 V
911401627408	BRP715 LED180 CW Solar Pro 5	Off grid	160 W	36 V
911401626108	BRP715 LED70 CW Solar Pro	Off grid	80 W	18 V
911401626608	BRP715 LED70 CW Solar 5	Off grid	40 W	18 V
911401627108	BRP715 LED70 CW Solar Pro 5	Off grid	80 W	18 V
911401669409	BRP715 LED180 CW Solar Pro hybrid 3Y	Hybrid	175 W	42 V
911401670409	BRP715 LED180 CW Solar Pro hybrid 5Y	Hybrid	175 W	42 V

Order Code	Full Product Name	Grid connection type	Panel peak wattage	Panel voltage
911401625908	BRP715 LED180 CW Solar	Off grid	80 W	36 V
911401669009	BRP715 LED50 CW Solar Pro hybrid 3Y	Hybrid	55 W	19 V
911401670009	BRP715 LED50 CW Solar Pro hybrid 5Y	Hybrid	55 W	19 V
911401668609	BRP715 LED70 CW Solar hybrid 3Y	Hybrid	45 W	19 V
911401669609	BRP715 LED70 CW Solar hybrid 5Y	Hybrid	45 W	19 V
911401668909	BRP715 LED180 CW Solar hybrid 3Y	Hybrid	90 W	36 V
911401669909	BRP715 LED180 CW Solar hybrid 5Y	Hybrid	90 W	36 V
911401626308	BRP715 LED120 CW Solar Pro	Off grid	100 W	18 V
911401627308	BRP715 LED120 CW Solar Pro 5	Off grid	100 W	18 V
911401625608	BRP715 LED70 CW Solar	Off grid	40 W	18 V
911401669109	BRP715 LED70 CW Solar Pro hybrid 3Y	Hybrid	90 W	19 V
911401670109	BRP715 LED70 CW Solar Pro hybrid 5Y	Hybrid	90 W	19 V

### Controls and Dimming

Order Code	Full Product Name	Solar dimming profile
911401625708	BRP715 LED90 CW Solar	Dimming along with microwave sensor
911401668809	BRP715 LED120 CW Solar hybrid 3Y	Dimming along with microwave motion sensor
911401669809	BRP715 LED120 CW Solar hybrid 5Y	Dimming along with microwave motion sensor
911401626208	BRP715 LED90 CW Solar Pro	Dimming along with microwave motion sensor
911401626708	BRP715 LED90 CW Solar 5	Dimming along with microwave motion sensor
911401627208	BRP715 LED90 CW Solar Pro 5	Dimming along with microwave motion sensor
911401669309	BRP715 LED120 CW Solar Pro hybrid 3Y	Dimming along with microwave motion sensor
911401670309	BRP715 LED120 CW Solar Pro hybrid 5Y	Dimming along with microwave motion sensor
911401626008	BRP715 LED50 CW Solar Pro	Dimming along with microwave motion sensor
911401626508	BRP715 LED50 CW Solar 5	Dimming along with microwave motion sensor

Order Code	Full Product Name	Solar dimming profile
911401627008	BRP715 LED50 CW Solar Pro 5	Dimming along with microwave motion sensor
911401669209	BRP715 LED90 CW Solar Pro hybrid 3Y	Dimming along with microwave motion sensor
911401670209	BRP715 LED90 CW Solar Pro hybrid 5Y	Dimming along with microwave motion sensor
911401625508	BRP715 LED50 CW Solar	Dimming along with microwave sensor
911401668709	BRP715 LED90 CW Solar hybrid 3Y	Dimming along with microwave motion sensor
911401669709	BRP715 LED90 CW Solar hybrid 5Y	Dimming along with microwave motion sensor
911401668509	BRP715 LED50 CW Solar hybrid 3Y	Dimming along with microwave motion sensor
911401669509	BRP715 LED50 CW Solar hybrid 5Y	Dimming along with microwave motion sensor
911401625808	BRP715 LED120 CW Solar	Dimming along with microwave sensor
911401626408	BRP715 LED180 CW Solar Pro	Dimming along with microwave motion sensor

## GreenVision All-in-one Solar Street Light

Order Code	Full Product Name	Solar dimming profile
911401626908	BRP715 LED180 CW Solar 5	Dimming along with microwave motion sensor
911401627408	BRP715 LED180 CW Solar Pro 5	Dimming along with microwave motion sensor
911401626108	BRP715 LED70 CW Solar Pro	Dimming along with microwave motion sensor
911401626608	BRP715 LED70 CW Solar 5	Dimming along with microwave motion sensor
911401627108	BRP715 LED70 CW Solar Pro 5	Dimming along with microwave motion sensor
911401669409	BRP715 LED180 CW Solar Pro hybrid 3Y	Dimming along with microwave motion sensor
911401670409	BRP715 LED180 CW Solar Pro hybrid 5Y	Dimming along with microwave motion sensor
911401625908	BRP715 LED180 CW Solar	Dimming along with microwave sensor
911401669009	BRP715 LED50 CW Solar Pro hybrid 3Y	Dimming along with microwave motion sensor
911401670009	BRP715 LED50 CW Solar Pro hybrid 5Y	Dimming along with microwave motion sensor

Order Code	Full Product Name	Solar dimming profile
911401668609	BRP715 LED70 CW Solar hybrid 3Y	Dimming along with microwave motion sensor
911401669609	BRP715 LED70 CW Solar hybrid 5Y	Dimming along with microwave motion sensor
911401668909	BRP715 LED180 CW Solar hybrid 3Y	Dimming along with microwave motion sensor
911401669909	BRP715 LED180 CW Solar hybrid 5Y	Dimming along with microwave motion sensor
911401626308	BRP715 LED120 CW Solar Pro	Dimming along with microwave motion sensor
911401627308	BRP715 LED120 CW Solar Pro 5	Dimming along with microwave motion sensor
911401625608	BRP715 LED70 CW Solar	Dimming along with microwave sensor
911401669109	BRP715 LED70 CW Solar Pro hybrid 3Y	Dimming along with microwave motion sensor
911401670109	BRP715 LED70 CW Solar Pro hybrid 5Y	Dimming along with microwave motion sensor

### Mechanical and Housing

Order Code	Full Product Name	Overall length	Overall width
911401625708	BRP715 LED90 CW Solar	910 mm	366 mm
911401668809	BRP715 LED120 CW Solar hybrid 3Y	1,080 mm	366 mm
911401669809	BRP715 LED120 CW Solar hybrid 5Y	1,080 mm	366 mm
911401626208	BRP715 LED90 CW Solar Pro	1,535 mm	366 mm
911401626708	BRP715 LED90 CW Solar 5	910 mm	366 mm
911401627208	BRP715 LED90 CW Solar Pro 5	1,535 mm	366 mm
911401669309	BRP715 LED120 CW Solar Pro hybrid 3Y	1,670 mm	366 mm
911401670309	BRP715 LED120 CW Solar Pro hybrid 5Y	1,670 mm	366 mm
911401626008	BRP715 LED50 CW Solar Pro	910 mm	366 mm
911401626508	BRP715 LED50 CW Solar 5	560 mm	355 mm
911401627008	BRP715 LED50 CW Solar Pro 5	910 mm	366 mm
911401669209	BRP715 LED90 CW Solar Pro hybrid 3Y	1,535 mm	366 mm
911401670209	BRP715 LED90 CW Solar Pro hybrid 5Y	1,535 mm	366 mm
911401625508	BRP715 LED50 CW Solar	560 mm	366 mm
911401668709	BRP715 LED90 CW Solar hybrid 3Y	910 mm	366 mm
911401669709	BRP715 LED90 CW Solar hybrid 5Y	910 mm	366 mm
911401668509	BRP715 LED50 CW Solar hybrid 3Y	560 mm	366 mm
911401669509	BRP715 LED50 CW Solar hybrid 5Y	560 mm	366 mm
911401625808	BRP715 LED120 CW Solar	1,080 mm	366 mm
911401626408	BRP715 LED180 CW Solar Pro	1,812 mm	523 mm

Order Code	Full Product Name	Overall length	Overall width
911401626908	BRP715 LED180 CW Solar 5	1,345 mm	366 mm
911401627408	BRP715 LED180 CW Solar Pro 5	1,812 mm	523 mm
911401626108	BRP715 LED70 CW Solar Pro	1,345 mm	366 mm
911401626608	BRP715 LED70 CW Solar 5	750 mm	366 mm
911401627108	BRP715 LED70 CW Solar Pro 5	1,345 mm	366 mm
911401669409	BRP715 LED180 CW Solar Pro hybrid 3Y	1,812 mm	523 mm
911401670409	BRP715 LED180 CW Solar Pro hybrid 5Y	1,812 mm	523 mm
911401625908	BRP715 LED180 CW Solar	1,345 mm	366 mm
911401669009	BRP715 LED50 CW Solar Pro hybrid 3Y	910 mm	366 mm
911401670009	BRP715 LED50 CW Solar Pro hybrid 5Y	910 mm	366 mm
911401668609	BRP715 LED70 CW Solar hybrid 3Y	750 mm	366 mm
911401669609	BRP715 LED70 CW Solar hybrid 5Y	750 mm	366 mm
911401668909	BRP715 LED180 CW Solar hybrid 3Y	1,345 mm	366 mm
911401669909	BRP715 LED180 CW Solar hybrid 5Y	1,345 mm	366 mm
911401626308	BRP715 LED120 CW Solar Pro	1,670 mm	366 mm
911401627308	BRP715 LED120 CW Solar Pro 5	1,670 mm	366 mm
911401625608	BRP715 LED70 CW Solar	750 mm	366 mm
911401669109	BRP715 LED70 CW Solar Pro hybrid 3Y	1,345 mm	366 mm
911401670109	BRP715 LED70 CW Solar Pro hybrid 5Y	1,345 mm	366 mm

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