PHILIPS

Lighting



GreenVision All-in-one Solar Street Light

BRP715 LED138 620 Solar Pro 5

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
Optical cover/lens type	Polycarbonate
Control interface	IR remote
Dark Skies - DS01	1% blue content
CE mark	CE mark
Warranty period	3 years
EU RoHS compliant	Yes

Operating and electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	66 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	18 V
Panel peak wattage	100 W
Charge controller type	MPPT
Initial flux	13800 lumens
Efficacy	138 lm/W

Controls and dimming	
Dimmable	Yes
Configurability	Configurable

Mechanical and housing	
Overall length	1670 mm
Overall width	366 mm
Overall height	133 mm
Color	Black

Approval and application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Initial performance (IEC compliant)	
Init. Corr. Color Temperature	2000 K
Init. Color Rendering Index	60

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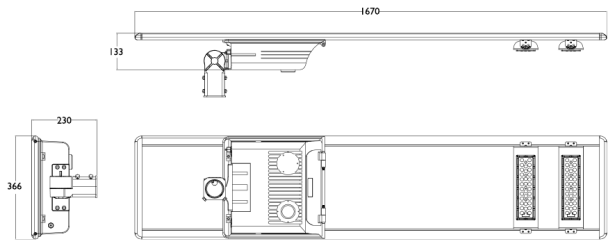
Over time performance (IEC compliant)	
Median useful life L70B50	50000 h

Application conditions	
Ambient temperature range	-20 to +55 °C
Ambient temperature range for charging	0 °C to +55 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C
Solar dimming profile	Dimming along with microwave sensor
Grid connection type	Off grid
Battery location	Inbuilt
Aplication	Especial protection areas

Product data	
Order product name	BRP715 LED138 620 Solar Pro 5
Order code	911401616110
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401616110
Net Weight (Piece)	23.8 kg

IP65

Dimensional drawing



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