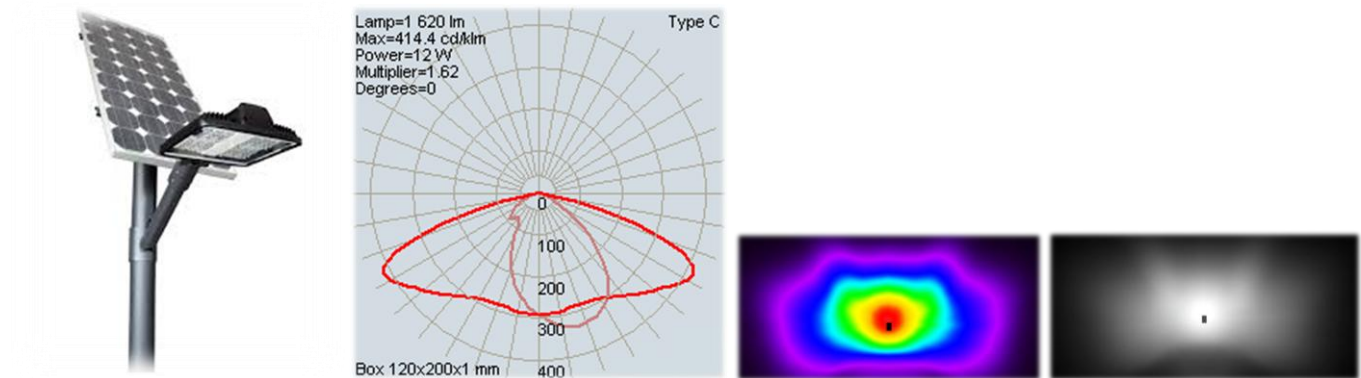


Technical values 12w LED Luminaire for street light applications



Lighting features

Light Source	12v LED chip set
12w LED	85
Minimum CRI (colour rendering index)	4000-5000k
Colour temperature	60,000 hours @ L70 (10K) – Ta=85° C
IESNA TM-21 LED useful lifetime @ If=700mA	Asymmetric for street lighting
Optic	Semi Cut-off
Photometric classification CIE 1965	12
Number of LED's	1450- 1620
Initial luminaries flux (lm)	135
LUM EFF (lm/W)	12/24vDC
Power supply	12
Power consumption (W)	III (SELV)
Electrical insulation class	10-90%
Luminous flux reduction value	Control of heat sink temperature Ta = 25° C
LED thermal protection	depending on location Mono-crystalline (25 years life)
Solar panels	12.8v Lithium – ion LiFePO4 (2,000 cycles)
Battery	Top of column
Fixing	5°
Tilt angle	IP65
Protection degree	36kg
Weight	865 x 625 x 85mm
Size	

Time control:

Designed to switch on at sun set (dusk) for up to 10 hours. This system will automatically switch from the LED illumination into the charging sequence when localised irradiance is sufficient.

This is a fully automated system providing light using the full capacity of harvested solar power.

Note! For self installation it is the responsibility of the user to install/position the product in a place that will absorb the maximum day time sun light at the chosen location.

Systems should be fitted within areas that are not overshadowed by trees or buildings.

Solar PV Systems

Tel: 01646 600151

sales@solar-pv-systems.com

