

UltraLux30 – SOLAR STREET LIGHT 30w



ITEM	DESCRIPTION
Solar Panel	200W Monocrystalline High efficiency
Power Storage	2 x 80Ah VRLA Maintenance Free
Light Source	30W Super Bright LED
Light Life	50,000 + hours
Impact Rating	IK09

FEATURES:

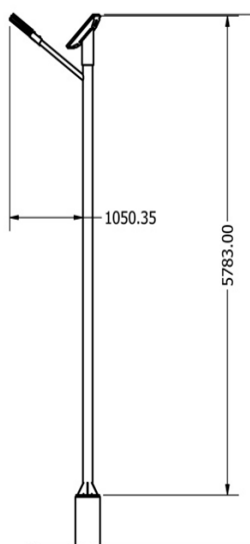
- High performance LED's- 140Lm/W
- Super bright colour rendering 5500– 6000K
- Low working temperature, making them reliable and safe
- Monocrystalline Solar Panel
- Customisable to lighting requirements

BENEFITS:

- Immune to power outages
- No power bill and no expensive grid connection
- Simple installation and operation
- LED Luminaires have a long life of over 50,000 hours

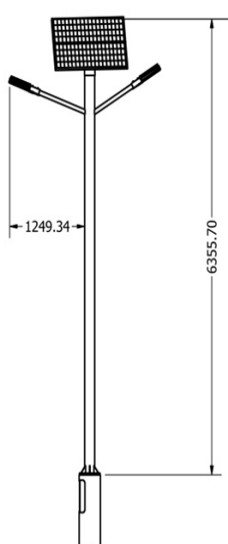


POLE DESIGNS



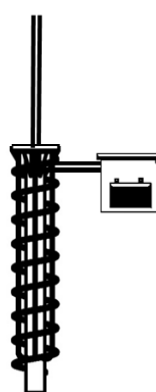
Single Light fitting

Recommended pole height- 6.5 meters
Pole max height – 7 m
Outreach arm – 1.5 meters with 15-20° up-cast



Double Light fitting

Recommended pole height- 6.5 meters
Pole max height – 7.5 m
Outreach arm – 1.5 meters with 15-20° up-cast



Base with separate in-ground battery box

Installation requirements

Step 1: Hole Depth- 600 diameter hole, 100mm shorter than overall length. Allow for top face to be 100mm above ground level. Dig hole for battery box 200mm bigger than box length and height. .
Step2: Set base into position using one bag of rapid set concrete, check level.
Step 3: Pour required amount of concrete. The concrete quantity will vary depending on soil type and height/style of pole. Back fill of battery box will depend on location and soil type.



Base with above ground batteries and security door

Installation requirements

Step 1: Hole Depth- 600 diameter hole, 100mm shorter than overall length. Allow for top face to be 100mm above ground level.
Step2: Set base into position using one bag of rapid set concrete, check level.
Step 3: Pour required amount of concrete. The concrete quantity will vary depending on soil type and height/style of pole. This needs to be a minimum of 20mpa.

MAIN TECHNICAL PARAMETER

ULTRELUX LUMINAIRES	SPECIFICATION
Luminous Efficiency	>135 Lm/W
LED Type	High Power Cree XML2 LED's
Life	> 50,000 Hours to L70 (30% light depreciation)
Impact Rating	IK09
Colour Temperature	5900-6500 K
Environmental Rating	IP66
Material Composition	Body- Aluminium Alloy (anodised and E-Coated) Optics and Hood (Polycarbonate)

CONTROLLER	SPECIFICATION
Environmental Rating	IP66
Type/ Brand	Driver, timer, and charge discharge control
Warranty	3 year manufacturers

BATTERIES	SPECIFICATION
Type	VRLA Maintenance Free
Operation/ Design life	8-10 years
Warranty	1-2 year
Capacity rating	12 Volt 20 hour rate

POLES STRUCTURE	SPECIFICATION
Material Grade	Australian structural pipe 350CLO
Finish	Galvanised
Warranty	12 month manufacturers by PLG

PANEL	Peak Power (Wp)	Vmax (V)	Imax (A)	Voc. (V)	Isc. (A)
24V 200W panel	200.00	18	6.7	22	6.8

LIGHT DISTRIBUTION AND ARRAY

