



# EcoCivil Solar Lighting Towers

## Fixed Pole

### Applications

- Mine Sites
- Road Projects
- Construction Sites
- Infrastructure Projects
- Temporary Car Parking
- Military Installations
- Set Down Areas

The EcoCivil Solar Lighting Tower with Fixed Pole is extensively used in a range of infrastructure projects particularly on semi-permanent worksites where mains power is not a practical option. This fixed pole arrangement is particularly good in situation where the light needs to be projected out over a work site or roadway and is available in a number of sizes and wattages or can be customized to your specific requirements. Make contact with the Vizona team about your particular project requirements today.

### Advantages

#### Reliable

Not dependent on mains power

#### Zero Running Cost

Solar powered

#### Easy to Set-up

Telescopic pole with 360° lamp swivel

#### Safe

Lighting where power isn't available

#### Environmentally Smart

Zero carbon emissions

#### Heavy Duty Batteries

Lithium-Ion LiFeO4

#### Excellent Autonomy

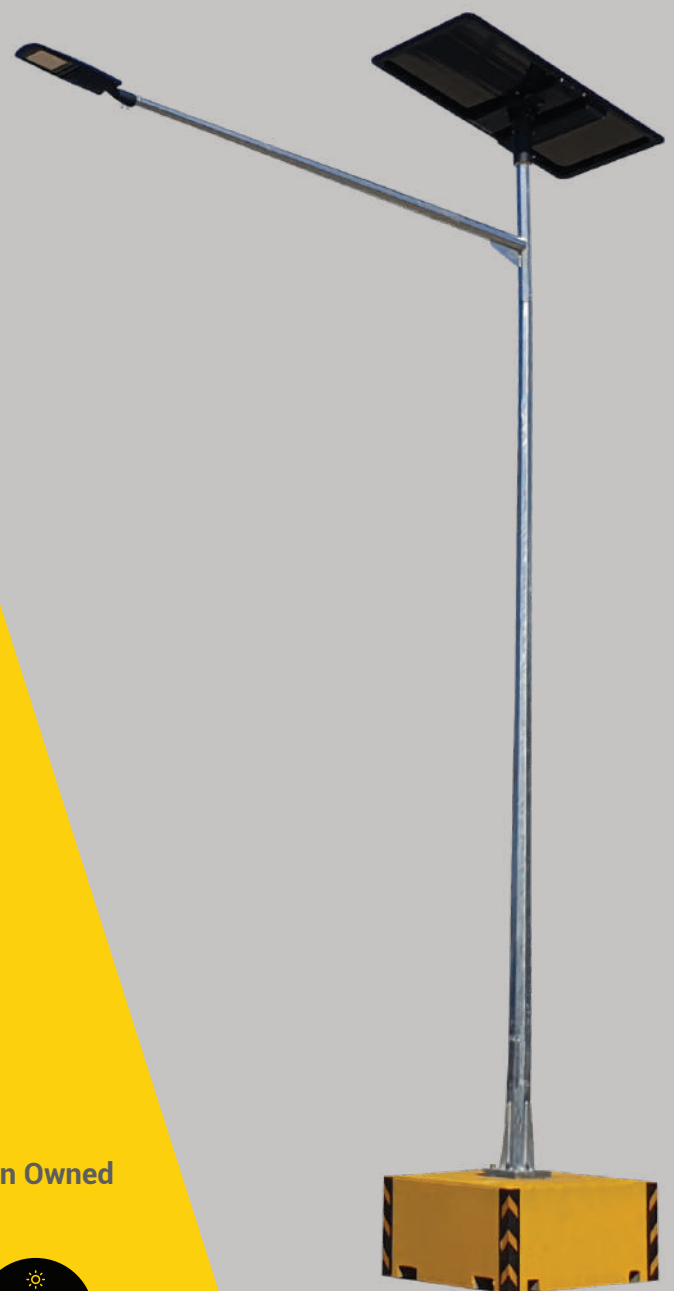
4 days back-up in overcast conditions

#### Robust Construction

Built for harsh worksite conditions

#### Vizona 100% Australian Owned

Support local industry



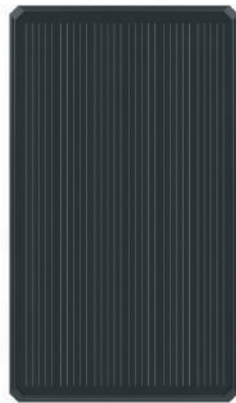
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### Technical Specifications



LED Lamp



Solar Panel to suit  
100 Watt Solar Lamp



Solar Panel to suit  
60 Watt Solar Lamp

### Specification

Details	EcoCivil 100	EcoCivil 60
Light		
LED Power	100 Watts (60 Watts Constant)	60 Watts (36 watts Constant)
Efficiency	150 Lumens / Watts	150 Lumens / Watts
LED Lifetime	Over 50000 Hours LM80	Over 50000 Hours LM80
Battery		
Type	Lithium Iron Phosphate LiFePo4 - 26650	Lithium Iron Phosphate LiFePo4 - 26650
Capacity	58.5 AH 25.6 VOLTS	72 AH 12.8 VOLTS
Autonomy	Over 24 Hours At Full Charge	Over 24 Hours At Full Charge
	4 Days Back Up Overcast Conditions	4 Days Back Up Overcast Conditions
Charging time	6-7 HOURS	6-7 HOURS
Lifespan	Over 4000 Cycles @ 80% Dod Over 10 Years Lifetime	Over 4000 Cycles @ 80% Dod Over 10 Years Lifetime
Working Temp.	-10°C TO 70 °C	-10°C TO 70 °C
Solar Panel		
Power	285 Watts /36V	195 Watts /18V
Cell type	Monocrystalline Panel Grade a 25 Years	Monocrystalline Panel Grade a 25 Years
Size	1765mm x 1050mm x 43mm	1156mm x 723mm x 43mm
Fixed Pole with Outreach		
Dimensions	10m to lamp height on 2.5m arm	6m to lamp height on 1.0m arm
Concrete Block		
Size	1200mm x 1200mm x 600mm	770mm x 770mm x 600mm
Weight	2000kg	820kg