

DATASHEET

# Fuelfix & Tanks2Go

## SL86

### Solar Lighting Tower 86

The Fuelfix 86,000 Lumens Solar Lighting Tower (SL86) is a cost-effective outdoor lighting solution ideal for mine sites, construction sites, tunnel and road works and outdoor events. The SL86 provides lighting for an area of 13,788 m<sup>2</sup> with access area of lighting for 2,242 m<sup>2</sup> and general area lighting for 970m<sup>2</sup>.

#### Ease of transport

- Single axle trailer and manual stabiliser supports
- Towable by 2000kg capacity vehicles- Tow ball lock
- Wheel clamp security
- All terrain tyres and rims
- Forklift pockets and tie down points

#### Smart features

- Programmable light timer & controls
- Bifacial panels reduce footprint and increases runtime
- Data logging and GPS available
- AC charger allows continuous indoor use

#### Environmentally friendly

- Works solely on solar power- 1 hour of sun equates to 3 hours of light
- Zero harmful exhaust fumes for health of workers
- Fully solar powered, no noise pollution and minimal noise disruptions

#### Durable

- Australian weatherproof (from -25 to 50°C)
- Harsh environment option available

#### Cost-effective

- Solar powered - 29 hours run time
- Low operational costs and low maintenance
- Lighting at fraction of the cost of diesel or grid powered lighting tower units



## General

Model: <b>SL86</b>	Dimension (Stowed): <b>4100 x 2170 x 3100 (LxWxH)</b>
Part Number: <b>001-360-24-600L</b>	Dimension (Deployed): <b>4100 x 4200 x 9200 (LxWxH)</b>
Working Temp: <b>0-50°</b>	Weight: <b>1700 kg</b>
Mast Height: <b>9 Meters</b>	Certified Wind Load: <b>100Km/h</b>
Mast Type: <b>Hydraulic / Cable</b>	

These specifications are subject to variation.  
Please contact the Fuelfix Sales team for more information.



## Operational data

Solar: <b>1.62kWp</b>	Solar Tilt: <b>25°</b>
Solar Efficiency Output: <b>1hr of sun / 3.2 hrs of light</b>	
Battery: <b>14.4kWh</b>	Runtime: <b>29 Hours</b>

## Trailer features

Trailer type: <b>Single Axle</b>	Tyre & Rim Size: <b>15'</b>
Stabiliser Supports: <b>4 x Manual</b>	Drawbar: <b>A Frame</b>
Tow Hitch Ball: <b>50mm</b>	Mudguard / Wheel Chock: <b>Included</b>

## Light

Lights: <b>8 x 100W LED Modules</b>	
Coverage: <b>120m x 120m</b>	Output (Lumens): <b>86,000</b>
Light Bar Rotation: <b>355°</b>	Light Bar Tilt: <b>70°</b>

## Communications

Data Logging (10 minutes intervals)	<b>4 Months Storage</b>
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