

## PRO LIGHT MOBILE SOLAR LIGHTING TOWER TECHNICAL DATA SHEET



### Technical Specification

<b>PV Modules</b>	Retractable 4 x 330W (1.32kWp capacity) Retractable 3 x 330W (990Wp capacity)
<b>LED Lighting</b>	Options range from 4 x 30W to 4 x 100W
<b>Lumens output</b>	Approx 10,000 to 40,000 lumens
<b>Micro Controller</b>	Intelligent programmable MPPT controller
<b>Battery</b>	Min. 19,000Wh AGM/GEL deep cycle
<b>Battery Cycles</b>	Ranges from 600 – 1600 cycles dependant on usage/time of year
<b>Recharge Times</b>	Self recharge - Designed for year round continuous operation
<b>Fail safe</b>	Remote Monitoring, Control and Maintenance with built in alarm signals
<b>Telescopic tower</b>	Up to 7.5m
<b>Panning Function</b>	Manual or Auto/Electric
<b>Link Lighting (optional)</b>	10W or 20W LED flood lights up to 100m

### Lux Data in metres from luminaire location

Light distribution angle : 60°

Light Projection Angle : 75°

Mast Height 7.5m

LED W	20 Lux	10 Lux	5 Lux	1 Lux
<b>30</b>	18	24	30	54
<b>60</b>	20	25	32	58
<b>100</b>	22	29	36	64