

## 80w Solar Flood light

Model - SFSOLFL80UNI-LI



The Sunfor Universal Solar flood light is slimline, compact and aesthetically pleasing which incorporates all components together in a modern and robust design. This model is supplied with a 80w Philips SMD LED with a lumen output of 130lm/w. Designed to operate for 13 hours per night with Smart 365 technology ensuring your light runs all year. Light distribution is a 120 design. The battery is designed for 13Hrs with 2 nights of reserve and requires 5 hours to replenish. Designed for easy maintenance without having to remove the system from the pole or solar panels. This model can be supplied with single or multiple solar panels - local stock dependent. Each model is supplied with lasercut lettering into the cradle which can be used to highlight, name of place, street / road or place of interest.

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<b>LIGHT</b>	Power	80w
	LED	Philips
	IP Rating	IP 65 / IP66
	Flux @ CCT 5700 - 6000K	10400
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	8 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	8 - 9 meter above surface
	Beam angle	110 Degree
	Lumen per watt	130
	Pole to pole distance	30 meters
<b>BATTERY</b>	Lithium Ferro Phosphate	Sharp
	Voltage	25.6v
	Watt Hours	1731,6Wh
	Lifespan	2000 cycles
<b>SOLAR PANEL</b>	Power	300w
	Voltage	36v
	Maximum current	8.72 Amp
<b>CONTROLLER</b>	Charging method	MPPT
	Dimming parameters	100 / 70 / 50 & 30%
	Day night sensor	Integrated Day / Night sensor
	Lighting parameters	4 stage programmable
	Electrical parameters	Temperature compensation
Overheating, overcharging and over discharging protections		
<b>BATTERY CRADLE AND ENCLOSURE</b>	A Grade steel treated with anti rust and powder coated Manufactured in an SABS approved facility with ISO 9001 & ISO 14001	
<b>POLE</b>	Galvanized with an option to powder coat - 9.2m (139 - 127mm collar)	
<b>WARRANTY</b>	3 years on all components - option to extend	