

# 30w Solar Flood Light

## Model - SFSOLFL30UNI-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 30w Philips SMD LED flood with a lumen output of 130lm/w.

5Hrs 100%, 7.5Hrs 70%

Distribution is optional at 25, 45, 60, 90 & 110 degree optical design.

The battery is designed run for 12.5Hrs and to cater for 2 nights of runtime and requires 5 hours to replenish its reserves.

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.

Lithium Ferro Phosphate Lifepo4 Battery packs with an 8 year life cycle

## Model - SFSOLFL30UNI-LI

<b>LIGHT</b>	Power	30w
	LED	Philips
	IP Rating	IP 65 / IP66
	Flux @ CCT 5700 - 6000K	3900
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	8 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	5 - 6 meter above surface
	Beam angle	110 Degree
	Lumen per watt	130
	Pole to pole distance	25 meters
<b>BATTERY</b>	Lithium Ferro Phosphate	Sharp
	Voltage	12.8v
	Watt Hours	634.92Wh
	Lifespan	2000 cycles
<b>SOLAR PANEL</b>	Power	120w
	Voltage	18v
	Maximum current	6.67Amp
<b>CONTROLLER</b>	Charging method	PWM
	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 - 6m (101mm - 89 collar)	
<b>WARRANTY</b>	3 years on all components - option to extend	