

## 50W Solar Flood light

Model - SFSOLFL50UNI2-LI



The UNI2 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 50w Philips SMD LED with a lumen output of 130lm/w. Distribution is a 120 degrees. The battery is designed for 13Hrs with 3 nights of reserve and requires 5 hours to replenish. Designed to operate for 13 hours per night with Smart 365 technology ensuring your light runs all year. Choice of LED luminaires ranging from 130 --140 lumens per watt. Multiple LED luminaire options for different lighting applications with lens options This model can be supplied with single or multiple solar panels - local stock dependent

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<b>LIGHT</b>	Power	50W
	LED	Philips
	IP Rating	IP 65
	Flux @ CCT 5700 - 6000K	6500
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	8 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	7 meter above surface
	Beam angle	120 degree
	Lumen per watt	130
	Pole to pole distance	meters
<b>BATTERY</b>	Lithium	Sharp
	Voltage	25,6v
	Watt Hours	999Wh
	Lifespan	2000 cycles
<b>SOLAR PANEL</b>	Power	200w
	Voltage	36v
	Maximum current	5.56 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 - 3CR12 stainless steel optional	
<b>POLE</b>	Galvanized with an option to powder coat - 8m (114 - 101mm collar)	
<b>WARRANTY</b>	3 years on all components - option to extend	



**Warranty**

**LED Luminaire -5 years LED, 10 years on housing**  
**Electronics including battery - 3 years - option to extend**  
**Pole - 10 years workmanship**  
**Solar panel - Tier 1 - 12 years, 25 years performance**