

20w Solar Flood Light

Model - SFSOLFL20UNI-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 20w 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 to cater for 2 nights of runtime and 12.5Hrs per night 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

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LIGHT	Power	20w
	LED	Philips
	IP Rating	IP 65 / IP66
	Flux @ CCT 5700 - 6000K	2600
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	6 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	4 - 5 meter above surface
	Beam angle	110 Degree
	Lumen per watt	130
	Pole to pole distance	20 meters
	BATTERY	Lithium Ferro Phosphate
Voltage		12.8v
Watt Hours		461,76Wh
Lifespan		2000 cycles
SOLAR PANEL	Power	80w
	Voltage	18v
	Maximum current	4.44Amp
CONTROLLER	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		
BATTERY CRADLE AND ENCLOSURE	A Grade steel treated with anti rust and powder coated Manufactured in an SABS approved facility with ISO 9001 & ISO 14001	
POLE	Galvanized with an option to powder coat - 5m (89mm - 76 collar)	
WARRANTY	3 years on all components - option to extend	