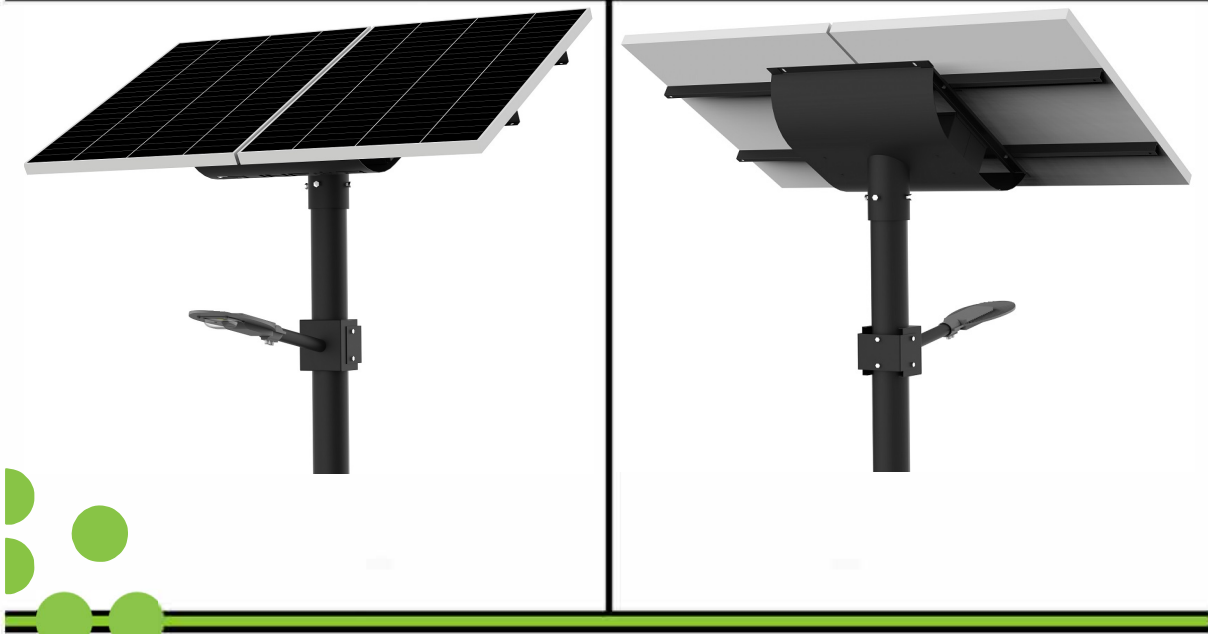


80W Solar street light

Model - SFSOLST80UNI-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 Cree SMD LED with a lumen output of 150lm/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.

Model - SFSOLST80UNI-LI

LIGHT	Power	80W
	LED	Cree
	IP Rating	IP 66
	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	Asymmetric Batwing 140 x 80
	Lumen per watt	140
	Pole to pole distance	40 meters
BATTERY	Lithium Ferro Phosphate	Sharp
	Voltage	25.6v
	Watt Hours	1731,16Wh
	Lifespan	2000 cycles
SOLAR PANEL	Power	300w
	Voltage	36v
	Maximum current	8.72 Amp
CONTROLLER	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		
BATTERY CRADLE AND ENCLOSURE	Alu Zinc with anti rust and powder coated Manufactured in an SABS approved facility with ISO 9001 3CR12 Stainless steel optional	
POLE	Galvanized with an option to powder coat - 9.2m (139 - 127mm collar)	
WARRANTY	3 years on all components - option to extend	