

12W Solar street light

Model - SFSOLST12UNI-LI



The 12w Sunfor Universal Solar street light is a slimline, compact and aesthetically pleasing which incorporates all components together in modern and robust design. This model is supplied with a 12w Litup COB LED with a lumen output of 151lm/w.

Set at a height of 3 / 4 m, offers an asymmetrical 140*80 light distribution, 18m x 7m and can be placed at a frequency of 14 - 16m.

The battery has enough capacity to run the light at 5Hrs 100%, 7.5Hrs 70%

The battery is designed for 12.5Hrs with 2 nights of reserve and requires 5 hours to replenish.

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 - 8 year life cycle

SUNFOR 
TECHNOLOGIES
LOCALLY MANUFACTURED LED AND SOLAR LED LIGHTING

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LIGHT	Power	12W
	LED	Litup
	IP Rating	IP 65
	Flux @ CCT 5700 - 6000K	1812
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	10 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	3-4 meter above surface
	Beam angle	Asymmetric Batwing 140 x 80
	Lumen per watt	151
	Pole to pole distance	16
BATTERY	Lithium Ferro Phosphate	Sharp
	Voltage	12.8v
	Watt Hours	231Wh
	Lifespan	2000 cycles
SOLAR PANEL	Power	50w
	Voltage	18v
	Maximum current	2.78 Amp
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 - 3m (76mm - 60 collar)	
WARRANTY	3 years on all components - option to extend	