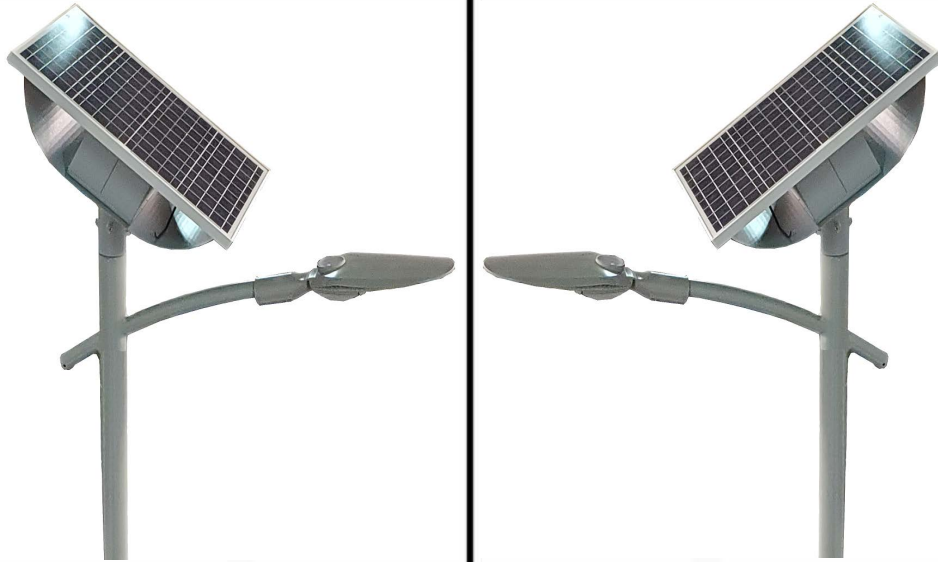


# 12W Solar street light

Model - SFSOLST12DECO1UNI-LI



The 12w Sunfor Universal DECO 1 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.

**SUNFOR**   
TECHNOLOGIES  
LOCALLY MANUFACTURED LED AND SOLAR LED LIGHTING

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<b>LIGHT</b>	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
<b>BATTERY</b>	Lithium Ferro Phospahte	Sharp
	Voltage	12.8v
	Watt Hours	231Wh
	Lifespan	2000 cycles
<b>SOLAR PANEL</b>	Power	50w
	Voltage	18v
	Maximum current	2.78 Amp
<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 - 3m (76mm - 60 collar)	
<b>WARRANTY</b>	3 years on all components - option to extend	