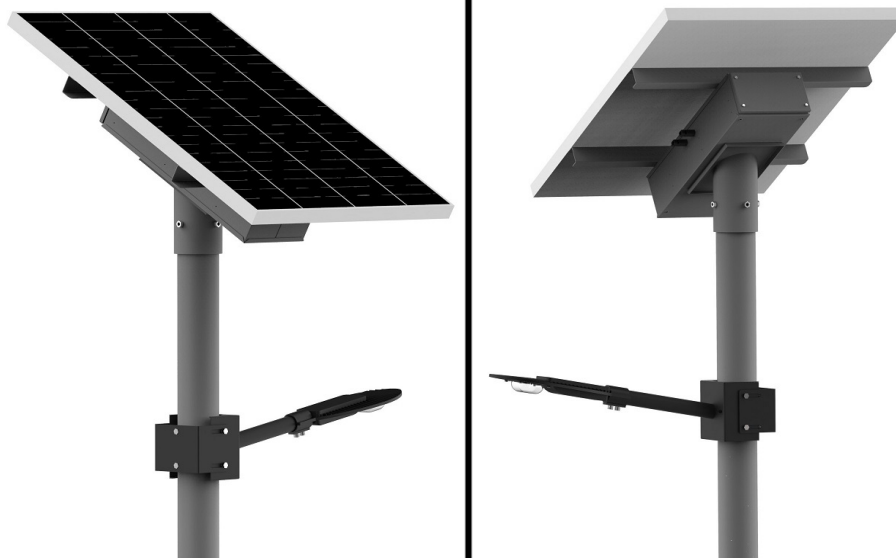


# 12w Solar street light

## Model - SFSOLST12UNI2-LI



The UNI2 Solar street light is slimline, compact and aesthetically pleasing which incorporates all components together in a modern and robust design.

This model is supplied with a 12w Litup COB LED with a lumen output of 151lm/w.

Lighting profile 5Hrs 100%, 8Hrs 70% as standard to increase battery life & performance

Designed to operate for 13 hours per night

The battery is designed for 13Hrs with 3 nights of reserve and requires 5 hours to replenish.

Multiple LED luminaire options for different lighting applications with lens options

Smart 365 technology ensuring your light runs all year.

Distribution is an Asymmetrical batwing design.

Designed for easy maintenance without having to remove the system from the pole or solar panels.

This model is supplied with single a solar panel

Lithium Ferro Phosphate - 8 year life cycle

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<b>LIGHT</b>	Power	12W
	LED	Litup
	IP Rating	IP 65
	Flux @ CCT 5700 - 6000K	1812lm
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	8 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	5 meter above surface
	Beam angle	Asymmetric Batwing 140 x 70
	Lumen per watt	151
	Pole to pole distance	14 - 16 meters
	<b>BATTERY</b>	Lithium Ferro Phosphate
Voltage		12.8v
Watt Hours		228.66Wh
Lifespan		2000 cycles
<b>SOLAR PANEL</b>	Power	50w
	Voltage	18v
	Maximum current Charging	2.76 Amp
<b>CONTROLLER</b>	method Dimming	PWM
	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>BRACKETING AND BATTERY BOXES</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 - 3m (76mm - 60 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**