

10W MOTION-SENSING SOLAR STREET LIGHT

SFSOLBT10



- Integrated Battery Design
- Simplistic
- Lithium-Ion Technology
- 3 Year Warranty
- 3 Colour Options
- Made in South Africa

The Sunfor Lithium compact Solar Street Light Range uses the latest lithium battery technology, allowing for battery life span of up to 5 years. The streamlined design offers style and simplicity with no bulky battery boxes as the battery is built in neatly slimline designed compact housing with, IR, controller and LED module. The 1150 lumen motion-sensing street light, set at a height of 4m, offers a rectangular coverage of 12m x 8m and can be placed at a frequency of 12 - 14m. The battery has enough capacity to run for 5 continuous days. The light will run at 100% from 1 - 3 minutes and at 50% until it is motion activated again it will then increase back to 100% load. The battery requires 5 hours of direct sunlight to fully charge.



SPECIFICATIONS

SFSOLBT10 STREET LIGHT

Light	Power	10W	
	LED	Seoul semiconductor	
	IP Rating	IP65	
	Flux at CCT @ 6000K	1300 lumen	
	Warranty	5 years	
	CRI	75	
	Optical Control	PMMA lens	
	Average Lifespan	50,000 hours	
	Operating Temperature	-30C to +50C	
	Mounting Height	4m	
	Beam Angle	Assymetric Batwing	
	Pole to Pole Distance	12 - 14m	
	Battery	Lithium LIFEPO4	Sharp / LG
		Voltage	12.8V
Capacity		130WH	
Cycles		2000 - 70% discharge	
Solar Panel	Rated Power	30w	
	Voltage at max power	22.1V	
	Current at max power	1.67A	
Controller	Charge Type	Pulse Wave Modulation Charging	
	Dimming	100% on motion, dimming to 40% & on motion 100% load	
	PIR	Intelligent timer functions	
	Timers	Adopts temperature compensation	
Electrical Protections		Overheating, overcharging and overdischarging protections	
Battery Enclosure	Manufactured from Aluzinc and powder coated in an SABS & ISO 9001 certified factory in SA		
Pole	Galvanized steel 4m, 50mm diameter with minimum 3mm gauge.		
Warranties	3 years on all parts		