

Solar Street Lights



STAMINA Solar Systems design and develop Solar Street Light. Our Solar Street Lights are being used in urban and rural areas as a means for preserving the non-renewable sources of energy. Solar Street Light has been available for a long time, having initially been designed for use in less developed or isolated areas, circumstances where the electricity supply is less.

Technical Specification				
SPECIFICATIONS	8W	12W	24W	36W
Lumen	1400	1560	>1650	>1800
Lux At 12 Ft	25	30	40	60
Power Consumption	8 W	12 W	24 W	36 W
Working Voltage	10.8 - 18 V DC	10.8 - 18 V DC	10.8 - 18 V DC	10.8 - 18 V DC
Current	Approx. 0.68A	Approx. 0.98A	Approx. 1.3A	Approx. 2.8A

Electro - Optical Characteristics (T Soldering=25°C)

Parameter	Symbol	Min	Typ.	Max.	Unit	Condition
Luminous Flux	Φ	40	-----	65	lm	IF=150mA
Forward Voltage	VF	2.8	-----	3.5	V	IF=150mA
Viewing Angle	2 θ 1/2	-----	120	-----	deg	IF=150mA
Color Rendering Index	Ra	75	-----	-----		IF=150mA
Reverse Current	IR	-----	-----	50	μ A	VR=5V

S. No	Model	Description
1.	8w/12W Solar Street Light System	40W Solar Panel, 12W LED Luminary, 4mtr Pole With Battery Box, 12V,42Ah Solar Battery, Necessary Cables
2.	24W Solar Street Light System	75W Solar Panel, 24W LED Luminary, 4 or 5mtr Pole With Battery Box, 12V,65Ah Solar Battery, Necessary Cables.
3.	36W Solar Street Light System	100W Solar Panel, 36W LED Luminary, 6mtr Pole With Battery Box, 12V,75Ah Solar Battery, Necessary Cables