

SOLAR LED STREET LIGHT

Light of the future

Inbuilt
LI-ION
Battery

18 W

30 W

45 W

Benefits



Intelligent Diming



Anti Theft Design



Easy to Install



Cost Effective
& Efficient



Water Proof Body (IP65)



OSRAM Powered
Efficient LED



Inbuilt LI-ION Battery
with Charge Controller

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Light of the future

SR NO	DISCRIPTION	Li-18W	Li-30W	Li-45W
1	LED POWER	18W-36 LED	30W-60 LED	45W-90 LED
2	SOLAR PV MODULE	20W	30W	40W
3	BATTERY (LITHIUM)	11.1V 10AH	11.1V 18AH	11.1V 32AH
4	LED MACK 5630	OSRAM OR EQUIVALENT	OSRAM OR EQUIVALENT	OSRAM OR EQUIVALENT
5	LUMEN OUTPUT (HIGH)	2160 LUMEN	3600 LUMEN	5400 LUMEN
6	LUMEN OUTPUT (LOW)	1080 LUMEN	1800 LUMEN	2700 LUMEN
7	IDEAL DRIVER CURRENT	<2Ma	<2Ma	<2Ma
8	LED DRIVER TYPES	DC-DC BUCK	DC-DC BUCK	DC-DC BUCK
9	DRIVER EFFICIENCY	>93%	>93%	>93%
10	TEMPERATURE RANGE	0-85 CELSIUS	0-85 CELSIUS	0-85 CELSIUS
11	POLE SIZE	GI POLE 4 METER 65-90mm	GI POLE 5 METER 65-90mm	GI POLE 6 METER 65-90mm
12	COLOUR TEMPERATURE	6500K	6500K	6500K
13	HUMIDITY RANGE	0-95%	0-95%	0-95%
14	GROUND LEVEL LUX	>40 LUMENS	>40 LUMENS	>40 LUMENS
15	DIMMING OPERATOR	PIR MOTION SENSOR	PIR MOTION SENSOR	PIR MOTION SENSOR
16	SENCONDERY OPTICS	YES IF REQUIRED	YES IF REQUIRED	YES IF REQUIRED



AERODYNAMIC DESIGN

The streetlights are designed in way so that the luminaire gets the least amount of aerodynamic drag or resistance resulting from wind intensity and direction thus improving wind load bearing capacity of the luminaire.



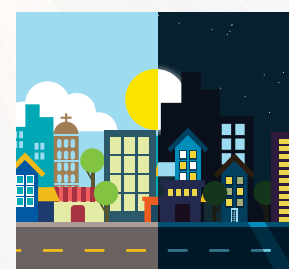
ENHANCED ELECTRICAL SAFETY

The new generation of LED luminaires have been designed with enhanced safety features for better luminaire life and low maintenance.



REDUCING ENERGY CONSUMPTION

- Directional light ensuring zero wastage of energy
- Directional light ensures light falling in areas where it is intended



MAINTAINING CIRCADIAN RHYTHM

- Correct outdoor lighting ensures clear black sky thus maintaining circadian rhythm on nocturnal animals and plants.
- Reduction of ambient light levels in the sky makes the skies 'night friendly'

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