



LEDTEC

30W LSTS SOLAR LIGHT

TECHNICAL DATA SHEET

The LSTS is our fully integrated solar street light that offers brilliant lighting to public spaces and roads. Built with a large heat sink to enable rapid heat dissipation which ensures an optimised, long lasting and reliable solution, utilising the power of the sun to maximise operations and deliver cost savings for cities of today and of the future.

Areas for Application

- Parks
- Freeways
- City Roads
- Parking Lots
- Public Spaces
- Pedestrian Pathways
- General Area Lighting



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TECHNICAL SPECIFICATIONS

Product	
Model	LSTS 30W
Luminaire Information	
Rated Power	30W
Operating Temperature Range	-0° ~ +50°C
Mounting Option	Pole Mount Pole Clamp Bracket / Spigot
Mounted height	0-7 metres
Dimmable	Optional

Electrical Characteristics	
Battery	LiFePO4
Battery Capacity	230Wh
Charging Time	> 3 Hours
Operating Time	>8hrs (Full Power) 72 - 96hrs (Intelligent Mode)
Solar Panels	Mono-Crystalline Solar Panel
Solar Panel Wattage	30W
Control	PIR Sensor Timer Dimming Function

Material & Finish	
Ingress Protection Rating	IP65
Impact Rating	IK08
Material Composition (Body)	Aluminium alloy
Material Composition (Lens)	Polycarbonate Optical lens
Fixture Colour	Silver
Finish	Powder coating

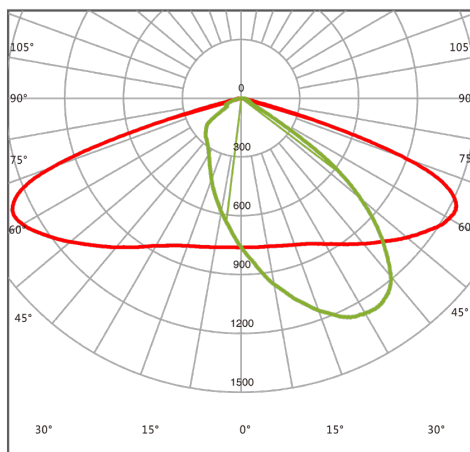
Weight & Packaging	
Packaging Dimensions	807x301x148mm
Packaged Weight (driver box installed)	6.3kg

Optical Characteristics	
Correlated Colour Temperature	4000k Standard (3000, 5000K optional)
Colour Rendering Index	70Ra standard (80Ra optional)
LED Type	Philips lumileds
LED Expected Lifespan	50,000 hrs
Light Efficacy	200lm/w
Luminous Flux	6,000lm
Beam Angle	Type A Medium

Warranty	
Warranty	3 years

ILLUMINANCE AT DISTANCE

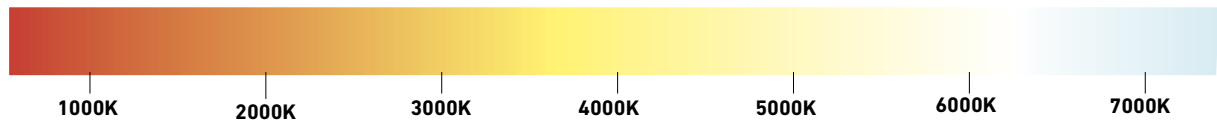
TYPE A MEDIUM



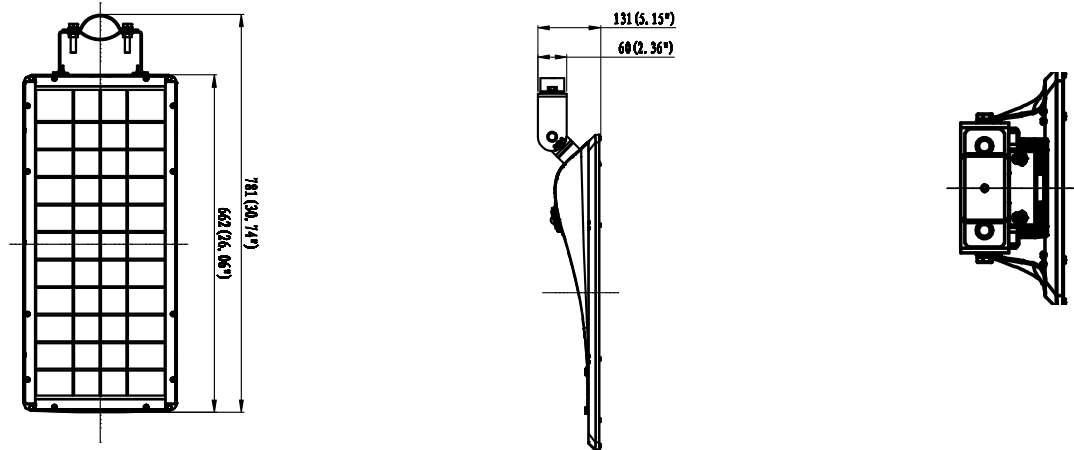
COLOUR TEMPERATURES

WARM WHITE
2700K - 3000K

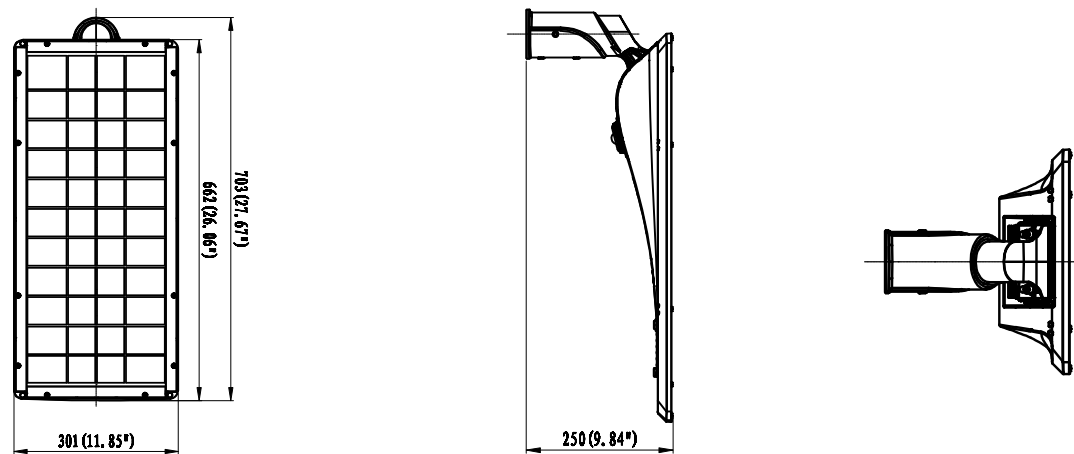
COOL WHITE
5900K - 6500K



FIXTURE WITH POST CLAMP BRACKET & WALL MOUNT DIMENSIONS



POST TOP



SIDE ENTRY

