



LEDTEC

100W LST STREET LIGHT

TECHNICAL DATA SHEET

The LST street light delivers safety and brilliant lighting to public spaces and roads. Smart built and versatile, it allows for simple and efficient management of your entire lighting system. Built with a large heat sink to enable very fast heat dissipation to ensure an optimised, long-lasting, and reliable solution that maximises operations and maintenance savings for cities today, and the future.

Areas for Application

- Parks
- City Roads
- Carparks
- Public Spaces
- Pedestrian Pathways
- Freeways & Highways



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TECHNICAL SPECIFICATIONS

Product	
Model	LST 100W
Luminaire Information	
Rated Power	100W
Operating Temperature Range	-40° ~ +50 ° c
Mounting Option	Pole Mount (0°-90° adjustable bracket for horizontal or vertical installation)
Mounted height	1-25 metres
Dimmable	Optional (Dali)
Electrical Characteristics	
Operating Voltage Range	AC 100-277v
Frequency Range	50-60Hz
Power Factor	>0.92/230W
Power On/Off	Built-in automatic power off protection photocell sensor 3 pin, 5 pin, 7 pin NEMA socket with photocell sensor, photocell sensor working principle: 6LX (sun set/dark) turn on and 50LX (sun rise) turn off automatically
Control	5 pin and 7 pin NEMA socket to extend for the 0-10V dimming or DALI control
Driver	Mean Well
Input Current	0.427A/230VAC
Surge Protection	Support built-in 10Kv/20Kv SPD

Material & Finish	
Ingress Protection Rating	IP66
Impact Rating	IK10 (optical PC lens) IK08 (tempered glass)
Material Composition (Body)	Aluminium alloy
Material Composition (Driver Box)	Casting aluminium
Material Composition (Lens)	Polycarbonate
Material Composition (Bracket)	Hot rolled carbon steel
Finish	Powder coating

Weight & Packaging	
Packaging Dimensions	490 x 233 x 32mm
Packaged Weight (driver box installed)	5.8kg

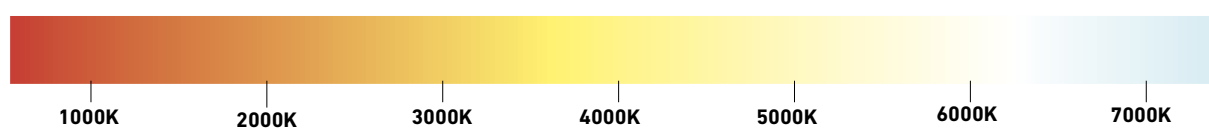
Optical Characteristics	
Correlated Colour Temperature	5000k Standard (2700-6500k optional)
Colour Rendering Index	70Ra Standard (Ra 80 optional)
LED Type	Philips lumileds / Epistar
LED Expected Lifespan	50,000 hrs
Light Efficacy	150lm/w
Luminous Flux	14,614lm
Beam Angle	Type II (S,M,L) Type III (S,M,L) Type V

Warranty	
Warranty	5 years

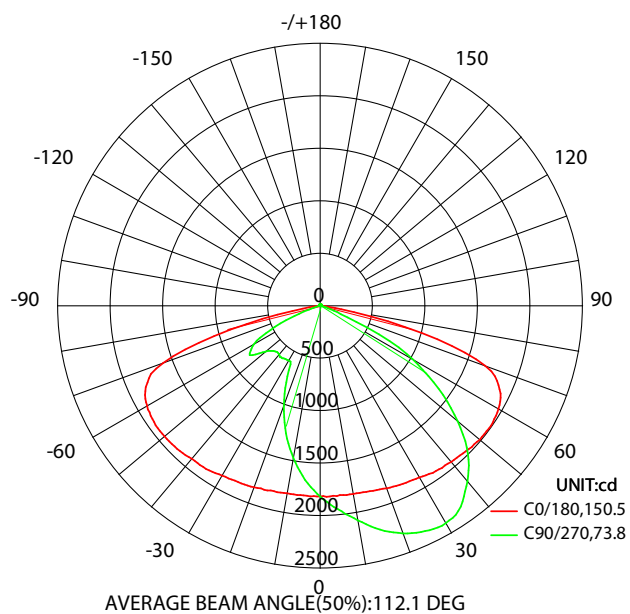
COLOUR TEMPERATURES

WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K



ILLUMINANCE AT DISTANCE



DIMENSIONS

