



# LEDTEC

# 200W 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



8/94 Forsyth Street O'Connor WA, 6163

+61 (08) 6371 1780

[sales@ledtec.com.au](mailto:sales@ledtec.com.au)

[www.ledtec.com.au](http://www.ledtec.com.au)

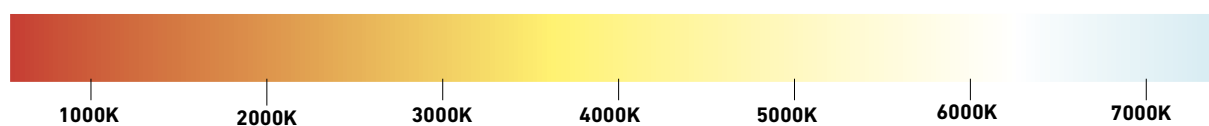
## TECHNICAL SPECIFICATIONS

Product		Material & Finish	
Model	LST 200W	Ingress Protection Rating	IP66
Luminaire Information		Impact Rating	IK10 (optical PC lens) IK08 (tempered glass)
Rated Power	200W	Material Composition (Body)	Aluminium alloy
Operating Temperature Range	-40° ~ +50 ° c	Material Composition (Driver Box)	Casting aluminium
Mounting Option	Pole Mount (0°-90° adjustable bracket for horizontal or vertical installation)	Material Composition (Lens)	Polycarbonate
Mounted height	1-25 metres	Material Composition (Bracket)	Hot rolled carbon steel
Dimmable	Optional (Dali)	Finish	Powder coating
Electrical Characteristics		Weight & Packaging	
Operating Voltage Range	AC 100-277v	Packaging Dimensions	675 x 320 x 35mm
Frequency Range	50-60Hz	Packaged Weight (driver box installed)	9.9kg
Power Factor	>0.92/230W	Optical Characteristics	
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	Correlated Colour Temperature	5000k Standard (2700-6500k optional)
Control	5 pin and 7 pin NEMA socket to extend for the 0-10V dimming or DALI control	Colour Rendering Index	70Ra Standard (Ra 80 optional)
Driver	Mean Well	LED Type	Philips lumileds / Epistar
Input Current	1.090A/230VAC	LED Expected Lifespan	50,000 hrs
Surge Protection	Support built-in 10Kv/20Kv SPD	Light Efficacy	150lm/w
Warranty		Luminous Flux	36,480lm
		Beam Angle	Type II (S,M,L) Type III (S,M,L) Type V
		Warranty	5 years

## COLOUR TEMPERATURES

**WARM WHITE**  
2700K - 3000K

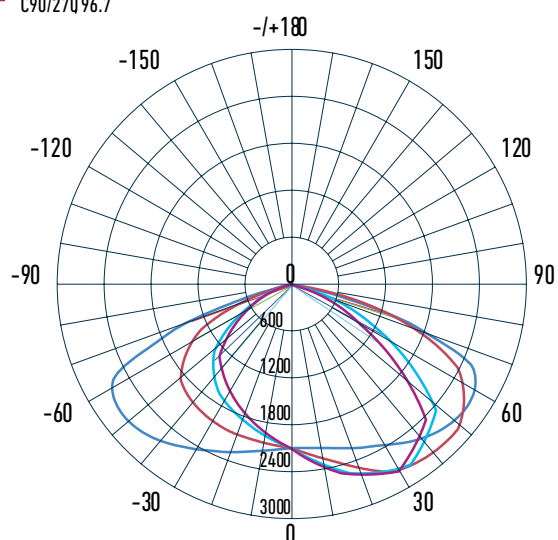
**COOL WHITE**  
5900K - 6500K



## ILLUMINANCE AT DISTANCE

AVERAGE BEAM ANGLE (50%): 120.2°

- C0/18Q 143.4°
- C30/21Q 133.5°
- C60/24Q 107.3°
- C90/27Q 96.7°



## DIMENSIONS

