



# LEDTEC

# 50W 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

<b>Product</b>	
Model	<i>LST 50W</i>
<b>Luminaire Information</b>	
Rated Power	<i>50W</i>
Operating Temperature Range	<i>-40° ~ +50 ° c</i>
Mounting Option	<i>Pole Mount (0°-90° adjustable bracket for horizontal or vertical installation)</i>
Mounted height	<i>1-25 metres</i>
Dimmable	<i>Optional (Dali)</i>
<b>Electrical Characteristics</b>	
Operating Voltage Range	<i>AC 100-277v</i>
Frequency Range	<i>50-60Hz</i>
Power Factor	<i>&gt;0.92/230W</i>
Power On/Off	<i>Built-in automatic power off protection photocell sensor  7 pin NEMA socket with photocell sensor, photocell sensor working principle: 6LX (sun set/dark) turn on and 50LX (sun rise) turn off automatically</i>
Control	<i>7 pin NEMA socket to extend for the 0-10V dimming or DALI control</i>
Input Current	<i>0.2860A</i>
Driver	<i>Mean Well</i>
Surge Protection	<i>Support built-in 10Kv/20Kv SPD</i>

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

<b>Weight &amp; Packaging</b>	
Packaging Dimensions	<i>436 x 200 x 32mm</i>
Packaged Weight (driver box installed)	<i>4.6kg</i>

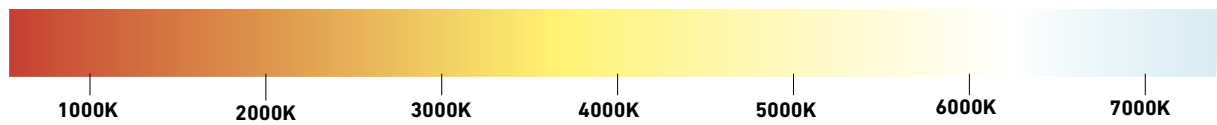
<b>Optical Characteristics</b>	
Correlated Colour Temperature	<i>4000k Standard (3000-5000K) optional</i>
Colour Rendering Index	<i>70Ra Standard (Ra 80 optional)</i>
LED Type	<i>Philips lumileds / Epistar</i>
LED Expected Lifespan	<i>50,000 hrs</i>
Light Efficacy	<i>150lm/w</i>
Luminous Flux	<i>7500lm</i>
Beam Angle	<i>Type II (S,M,L) Type III (S,M,L) Type IV</i>

<b>Warranty</b>	
Warranty	<i>5 years</i>

## COLOUR TEMPERATURES

WARM WHITE  
2700K - 3000K

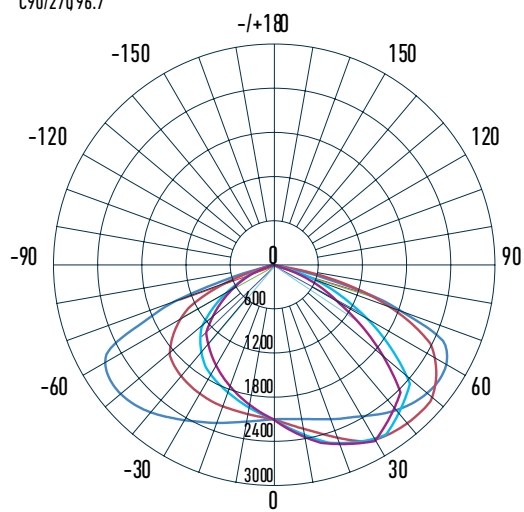
COOL WHITE  
5900K - 6500K



## ILLUMINANCE AT DISTANCE

AVERAGE BEAM ANGLE (50%): 120.2°

- C0/180 143.4°
- C30/210 133.5°
- C60/240 107.3°
- C90/270 96.7°



## DIMENSIONS

