

- **Product Name** : 150W LED Street Light Fixture
- **Model** : SESTL-LED-150112
- **Product Type** : 150W LED Outdoor Lighting Fixture
- **Features** :
 - Designed and developed as per European Standards EN-60598-1, EN-60598-2-3, EN-60598-2-4 & EN-60968
 - Instant start, No flicker, No noise, Low work temperature, Low power consumption.
 - Aluminium Die Cast Body Fixture - Eliminates Problem of Rusting.
 - Optimal thermal design to provide extended life to LEDs.
 - Bug Free Light - UV Free LED Light – Eliminating Bug problems – Reduces frequent glass cleaning expenses.
 - CE Marking Approved as per European Standards - for further details please refer to CE Marking Certificate.
 - Short Pay Back Period Saving more than 80% Power than traditional fixtures.
- **Applications:**
 - Street Lighting
 - Area Lighting
 - Warehouse Lighting
 - Parking Area Lighting
 - Perimeter Lighting
- **Specifications:**
 - 1) Type of Ballast : Electronic Ballast
 - 2) Operating Voltage : 110VAC ~ 270VAC +/- 10%
 - 3) Operating Frequency : 50/60 Hz +/- 4%
 - 4) Input Power : 150Watt +/- 10%
 - 5) Power Factor : >= 0.95 PF
 - 6) Total Harmonic Distortion : <= 10 %
 - 7) Ingress Protection : IP-65
 - 8) LED Efficacy : 120 ~ 140 lm/W.
 - 9) LED Type : 1.2W - 112 nos.
 - 10) Color Rendering Index : >= 70 / >= 80
 - 11) Color Temperature : 5000K – 7000K / 3000K – 5000K
 - 12) Voltage Tolerance Range : 90 VAC to 300 VAC
 - 13) Circuit Efficiency : >= 85%.
 - 14) Body : Aluminium Die Cast Body Fixture
 - 15) Heat Sink Thermal Design : Shah Electronics has designed this street light in which the LED junction temperature is controlled under 75°C and heat sink temperature variation is constrained below 2°C to ensure all of LEDs applied on the street light can reach the same life. Consists of complete aluminium die-cast body heat sink and heat dissipation surface.
 - 16) High Voltage / Surge Protection.
 - 17) Dimension (L x W x H in mm.) : 670 x 305 x 85
 - 18) Recommended O.D. of Mounting Arm Pipe : 50 mm.
 - 19) Recommended Mounting Height : 27 Ft. – 30 Ft.

Ambient temperature range: Storage Temp. :: 15 °C - Max Temp. :: 75 ° C

