



# Product Datasheet

## LED Street Luminaire (150w)

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### Areas of applications

- Local Roads.
- Express Roads.
- Town Roads.
- Residential Area Roads.
- Pedestrian crossings.
- Parking areas.

### Product Features

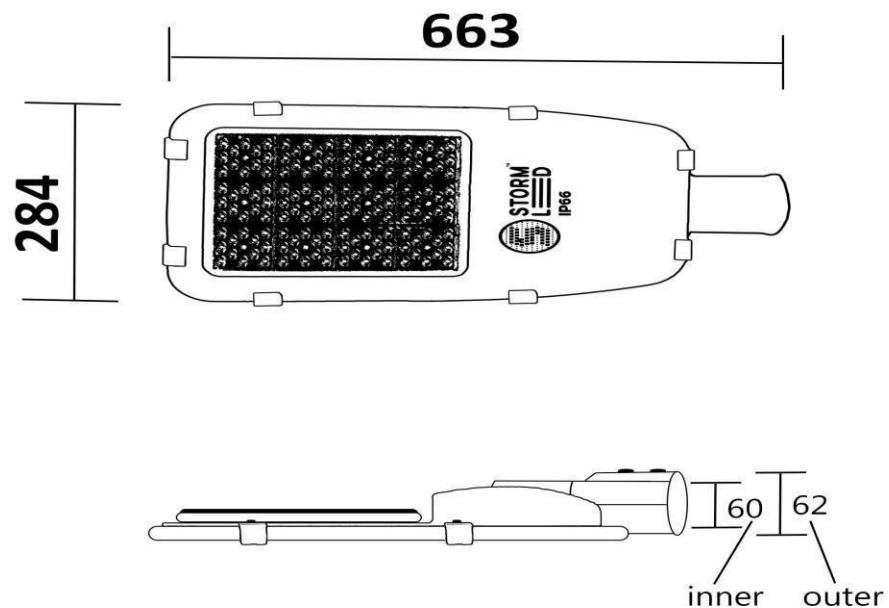
- Luminaire efficacy up to 130 Lm/W.
- Life time 50 K hours (L80).
- Class I Protection.
- Ingress of Protection: IP66.
- Failure rate less than 10%.
- High Pressure Die Cast Aluminum.



## Technical Data

<b>Manufacturer</b>	<b>Storm Electric ( Storm LED )</b>
<b>Input Power</b>	<b>150 W</b>
<b>Input Voltage Range</b>	<b>100 – 277 V</b>
<b>Power Factor</b>	<b>≥ 0.95</b>
<b>Input Current</b>	<b>≤ 1.5 A</b>
<b>Total Harmonic Distortion (THD)</b>	<b>≤ 10%</b>
<b>Frequency Range</b>	<b>50-60 HZ</b>
<b>Driver</b>	<b>Done LED Driver</b>
<b>Driver Efficiency</b>	<b>≥ 90%</b>
<b>Luminaire Efficacy</b>	<b>120 - 130 lm/w</b>
<b>LED Type</b>	<b>Lumileds</b>
<b>Output Lumen</b>	<b>18000 - 19500 LM</b>
<b>Color Rendering Index (CRI)</b>	<b>Ra ≥ 80</b>
<b>Color Temperature (CCT)</b>	<b>5000 K</b>
<b>SDCM</b>	<b>1-3 Steps</b>
<b>Beam Angle</b>	<b>120° X 60°</b>
<b>Ambient Temperature &amp; Humidity</b>	<b>-40°C to 60°C 20% to 95%</b>
<b>Protection</b>	<b>Over Voltage Protection Under Voltage Protection Surge Protection 6 KV</b>
<b>Ingress Protection</b>	<b>IP66</b>
<b>Fixture Weight</b>	<b>4.2 Kg</b>
<b>Order Code</b>	<b>SOM-SL-PL-03-150W</b>

**Notes:** Luminaire power may be (±10%) of rated power & lumen may be (-10%) of rated lumen according to Standard (IEC 62717)



### SOM-SL-PL-03-150W

