

# Product Datasheet

## LED Street Luminaire (100w)



### Areas of applications

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

### Product Features

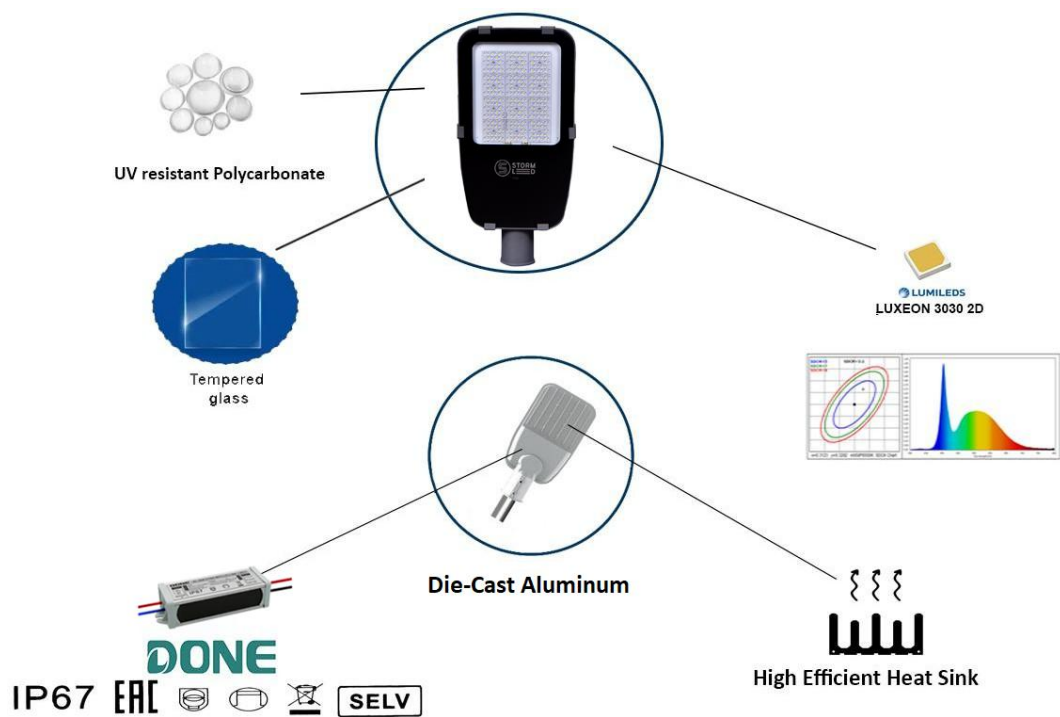
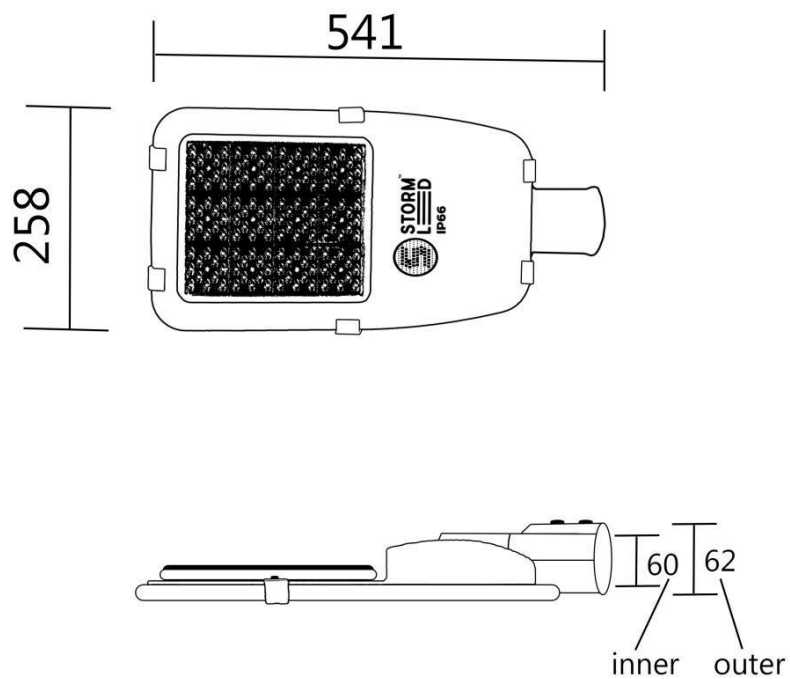
- Luminaire efficacy up to 130 lm/w.
- Life time 50 K hours (L80).
- Class I Protection.
- Ingress Protection: IP66.
- Failure rate less than 10%.
- High Pressure Die Cast Aluminum.



## Technical Data

Manufacturer	Storm Electric ( Storm LED )
Input Power	100 W
Input Voltage Range	100 – 277 V
Power Factor	≥ 0.95
Input Current	≤ 1 A
Total Harmonic Distortion (THD)	≤ 10%
Frequency Range	50-60 Hz
Driver	DONE LED Driver
Driver Efficiency	90%
Luminaire Efficacy	120 - 130 lm/w
LED Type	Lumileds
Output Lumen	12000 - 13000 lm
Color Rendering Index (CRI)	Ra ≥ 80
Color Temperature (CCT)	5000k
SDCM	1-3 Steps
Beam Angle	120° x 60°
Ambient Temperature & Humidity	-40°C to 60°C 20% to 95%
Protection	Over Voltage Protection Under Voltage Protection Surge Protection 6 kV
Ingress Protection	IP66
Fixture Weight	3.3 Kg
Order Code	SOM-SL-PL-02-100W

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



Made in Egypt

**SOM-SL-PL-02-100W**