



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.

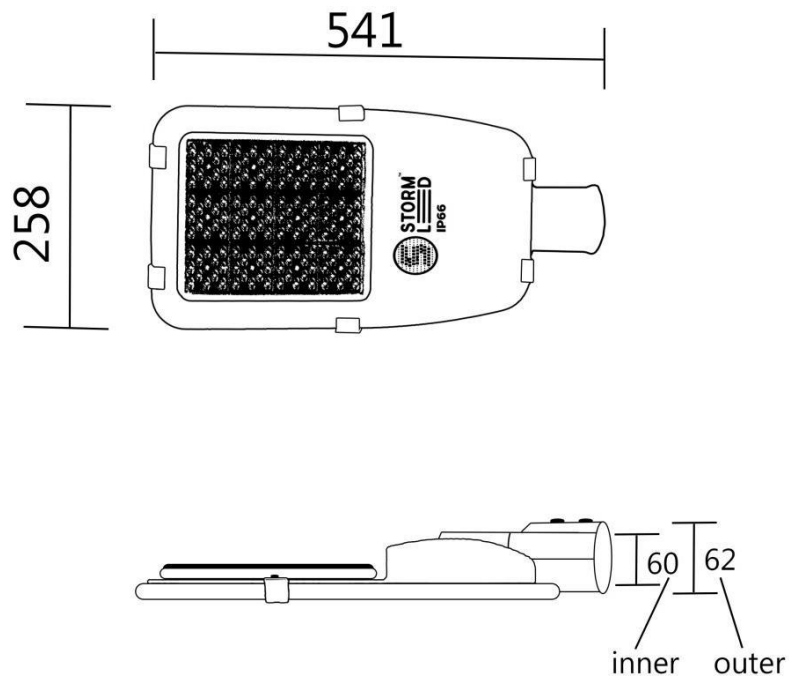
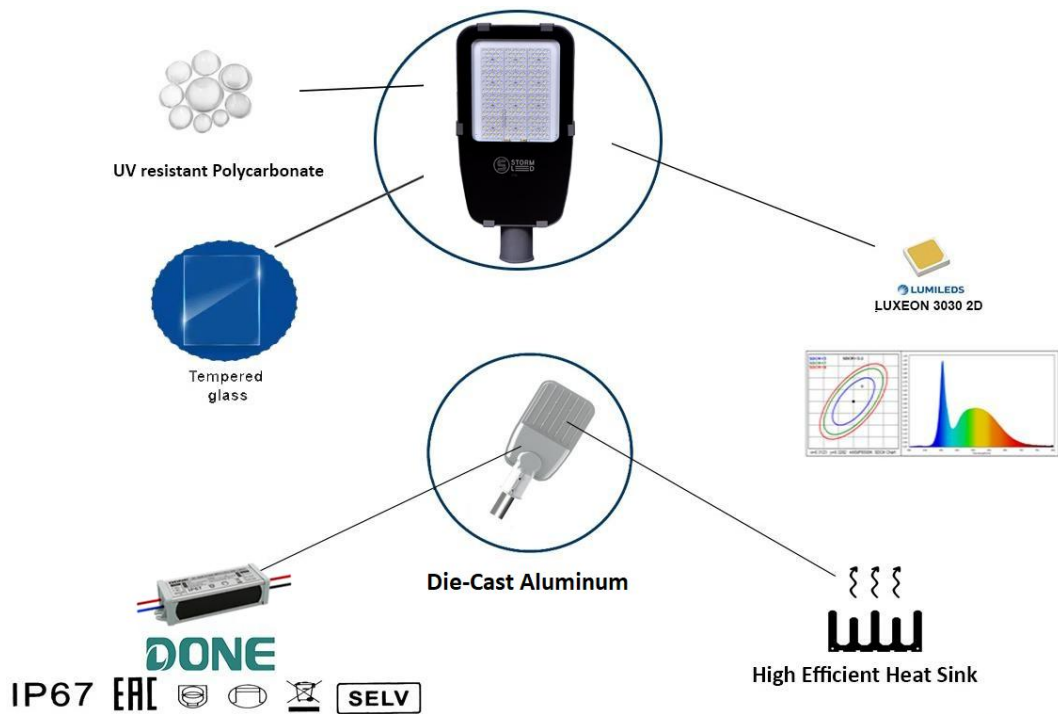


Technical Data

Manufacturer	Storm Electric (Storm LED)	
Input Power	100 w	
Input Voltage Range	100–277 Vac	
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)	3000K - 6500K	
SDCM	1-3 Steps	
Beam Angle	120° x 60°	
Ambient Temperature & Humidity	-40°C to 60°C 20% to 95%	
Protection	Surge Protection 6 kV	
Ingress Protection	IP66	
Fixture Weight	3.3 kg	
Order Code	(3000k)	SLG-100W-30L-D5-V1
	(4000k)	SLG-100W-40L-D5-V1
	(5000k)	SLG-100W-50L-D5-V1
	(6500k)	SLG-100W-65L-D5-V1

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

Dimension



Made in Egypt