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.

APPROVED
الهيئة العامة للطرق و الكباري و النقل البري
General Authority For Roads, Bridges And Land Transport
(GARBLT)

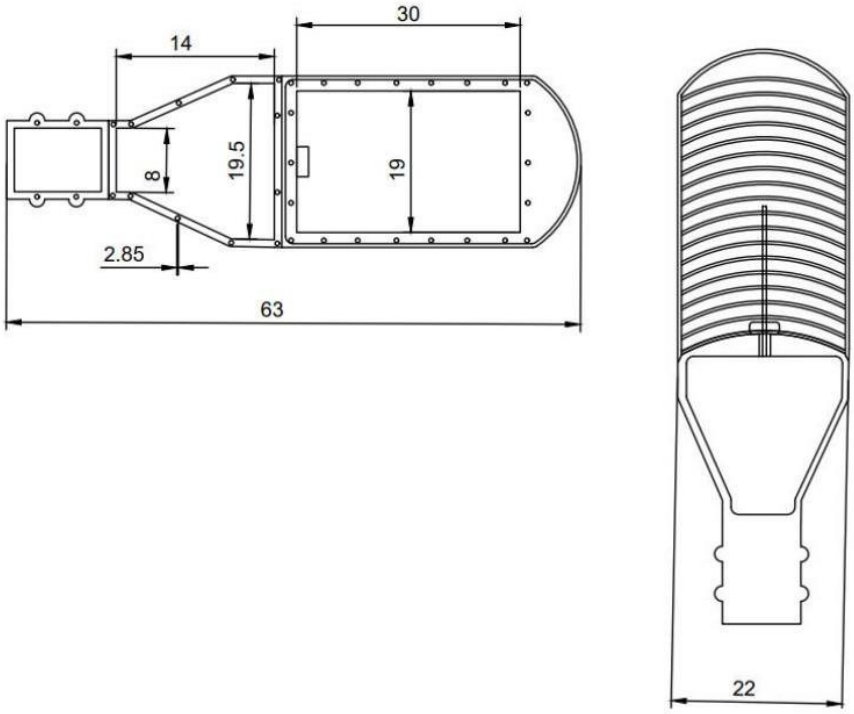
3 YEAR WARRANTY
IP66
LUMILEDS
LM80

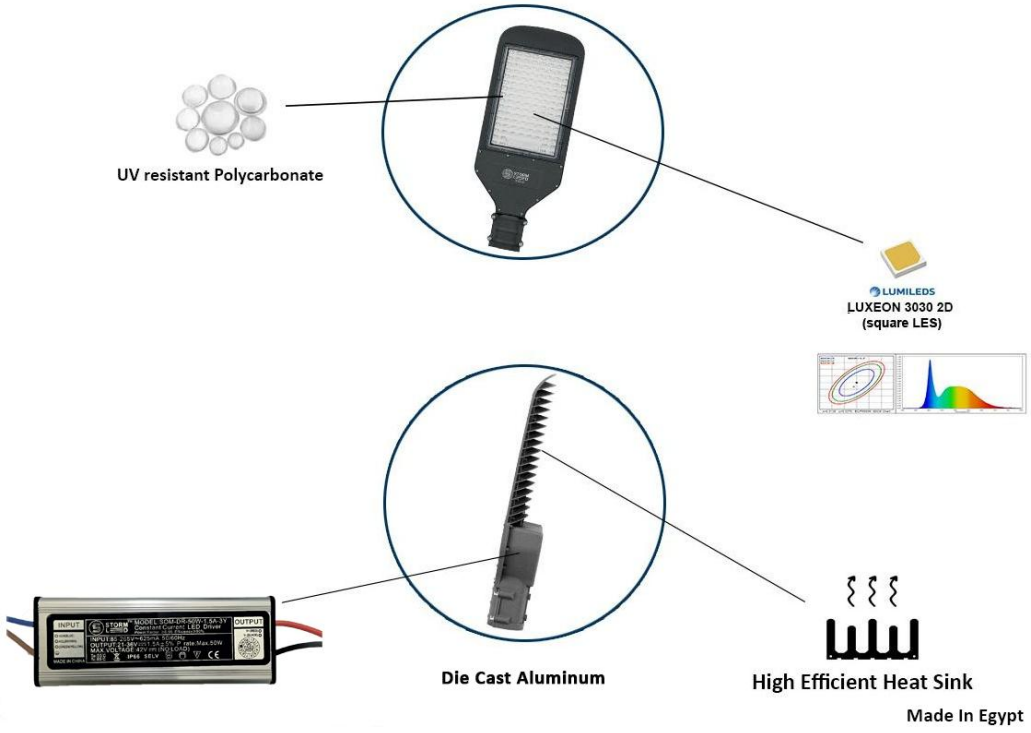
Manufacturer	Storm Electric (Storm LED)	
Input Power	100 W	
Input Voltage Range	85–265 Vac	
Power Factor	≥ 0.95	
Input Current	≤ 1.17 A	
Total Harmonic Distortion (THD)	≤ 10%	
Frequency Range	50 - 60 Hz	
Driver	Storm LED Driver	
Driver Efficiency	90%	
Luminaire Efficacy	120 - 130 lm/w	
LED Type	Lumileds	
Output Lumen	12000 - 13000 lm	
Color Rendering Index (CRI)	Ra ≥ 80	
Color Temperature (CCT)	3000 K - 6500 K	
SDCM	1-3 Steps	
Beam Angle	120°	
Ambient Temperature & Humidity	-30°C to 55°C 20% to 95%	
Protection	-Over Voltage Protection: ≈310 Vac -Under Voltage Protection: ≈75 Vac -Over Temp. Protection as dimming in full power @ Tc=80° C -Surge Protection 6 KV	
Ingress Protection	IP66	
Fixture Weight	4.6 Kg	
Order Code	(3000k) (4000k) (5000k) (6500k)	SLP-100W-30L-S5 SLP-100W-40L-S5 SLP-100W-50L-S5 SLP-100W-65L-S5

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

https://www.stormelectric.org/en

Dimensions





https://www.stormelectric.org/en