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

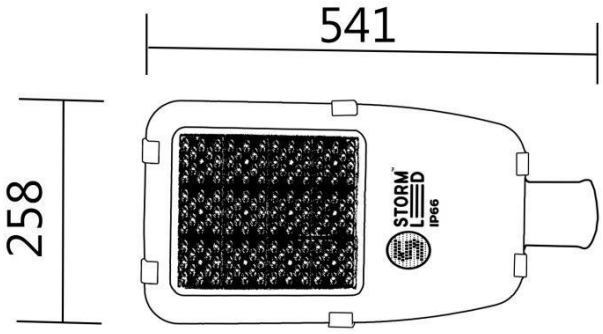
APPROVED
الهيئة العامة للطرق و الكباري و النقل البري
General Authority For Roads, Bridges And Land Transport
(GARBLT)

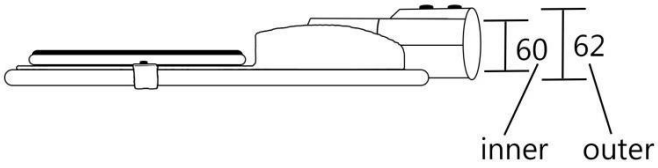
5 YEAR WARRANTY
IP66
IK08
PHILIPS Xitanium LED driver
LUMILEDS
LM80

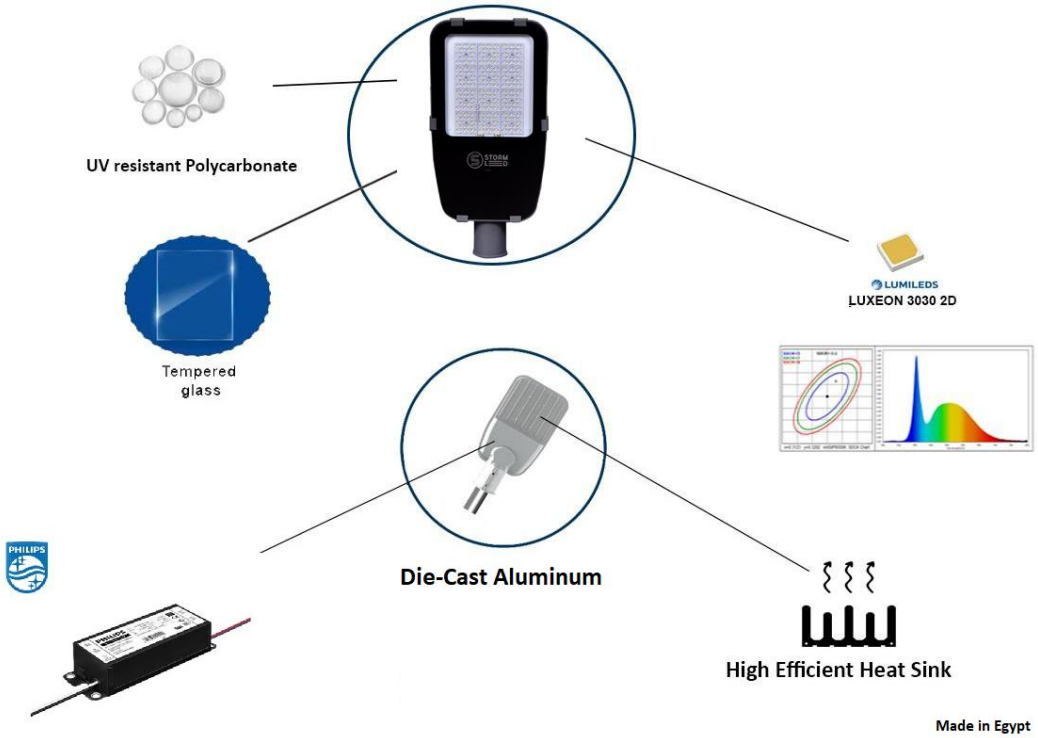
Technical Data

Manufacturer		**Storm Electric (Storm LED)**
Input Power		**100 W**
Input Voltage Range		**202–254 Vac**
Power Factor		**≥ 0.95**
Input Current		**≤ 0.495 A**
Total Harmonic Distortion (THD)		**≤ 10 %**
Frequency Range		**50-60 Hz**
Driver		**Philips LED Driver**
Driver Efficiency		**92 %**
Luminaire Efficacy		**130-140 lm/W**
LED Type		**Lumileds**
Output Lumen		**13000 - 14000 lm**
Color Rendering Index (CRI)		**Ra ≥ 80**
Color Temperature (CCT)		**3000 K – 6500 K**
SDCM		**1-3 Steps**
Beam Angle		**120° x 60°**
Ambient Temperature & Humidity		**-40°C to 55°C** **10% to 90%**
Protection		**Over Power Protection** **Surge Protection 4 kV**
Ingress Protection		**IP66**
Fixture Weight		**3.45 Kg**
Order Code	**(3000k)**	**SLG-100W-30L-PB10-V1**
	(4000k)	**SLG-100W-40L-PB10-V1**
	(5000k)	**SLG-100W-50L-PB10-V1**
	(6500k)	**SLG-100W-65L-PB10-V1**

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