



Product Datasheet

LED Street Luminaire



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 of Protection: IP66.
- Failure rate less than 10%.

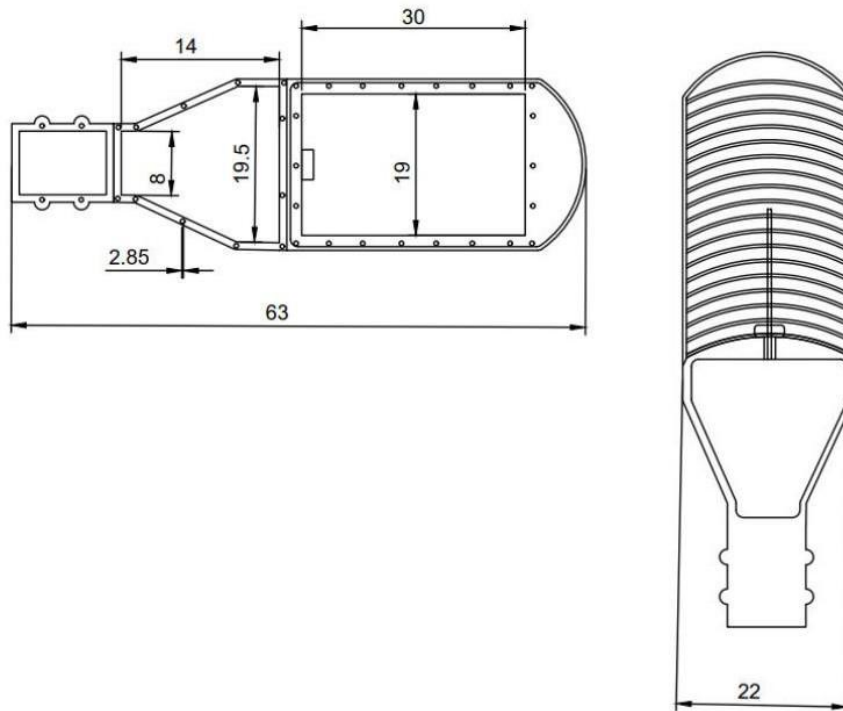


Technical Data

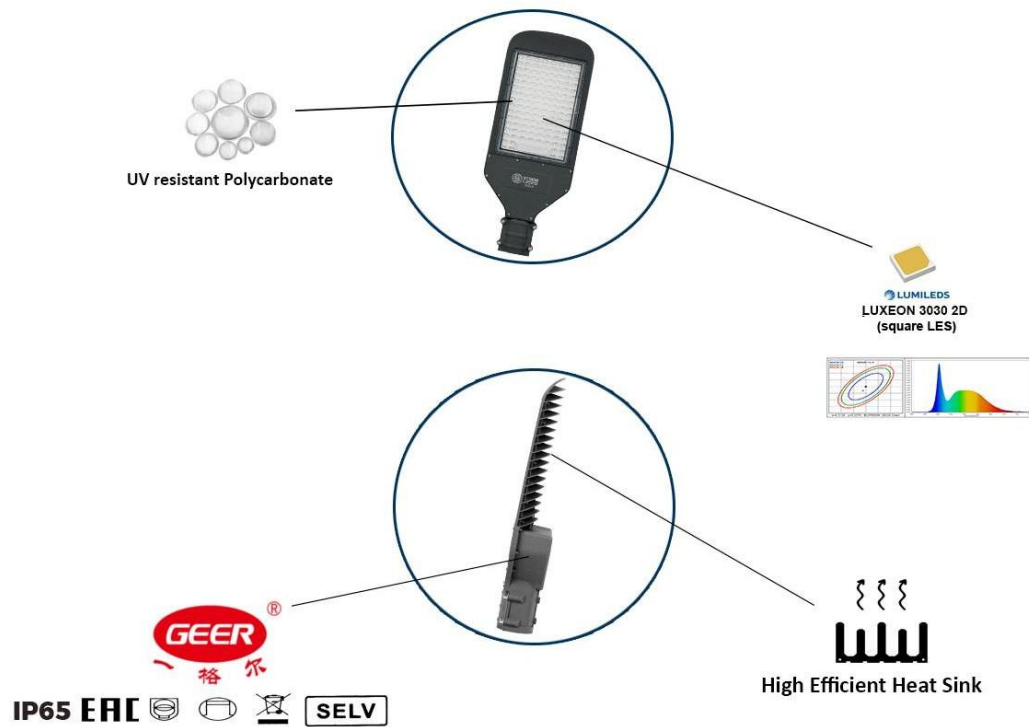
Manufacture	Storm Electric (Storm LED)
Input Power	100 W
Input Voltage Range	100 – 265 V
Power Factor	≥ 0.95
Input Current	≤ 1 A
Total Harmonic Distortion (THD)	≤ 10%
Frequency Range	50 - 60 Hz
Driver	Geer LED Driver
Driver Efficiency	90%
Luminaire Efficacy	130 - 140 lm/w
LED Type	Lumileds
Output Lumen	13000 - 14000 lm
Color Rendering Index (CRI)	Ra ≥ 80
Color Temperature (CCT)	3000 K - 6500 K
SDCM	1-3 Steps
Beam Angle	120°
Ambient Temperature&Humidity	-30°C to 55°C 20% to 95%
Protection	Over Voltage Protection Under Voltage Protection Over Current Protection Over Temperature Protection Surge Protection 6 kV
Ingress of Protection	IP66
Fixture Weight	4.6 Kg
Order	SOM-SL-ST-021-100W

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

Dimensions



SOM-SL-ST-021-100W



Contact US

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