Product Datasheet

LED Flood-Light Luminaire



Areas of applications

- Clubs, hotels, stages.
- Facades.
- Mosques, museums.
- Outdoor Applications.

Product Features

- **Luminaire efficacy up to 120 lm/w.**
- **Life time 50 K hours .**
- **Class I Protection.**
- **Ingress Protection: IP65.**
- **Failure rate less than 10%.**
- **High Pressure Die Cast Aluminum.**







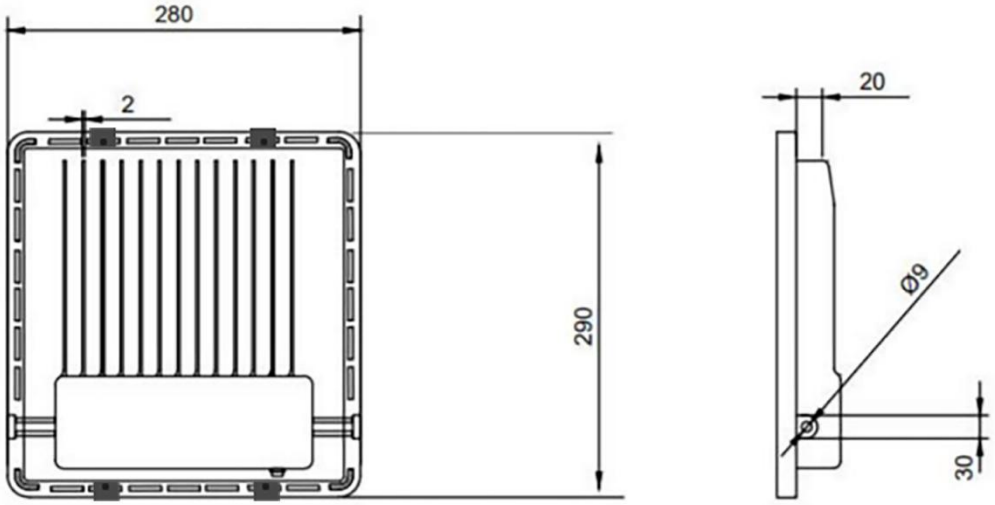
Technical Data

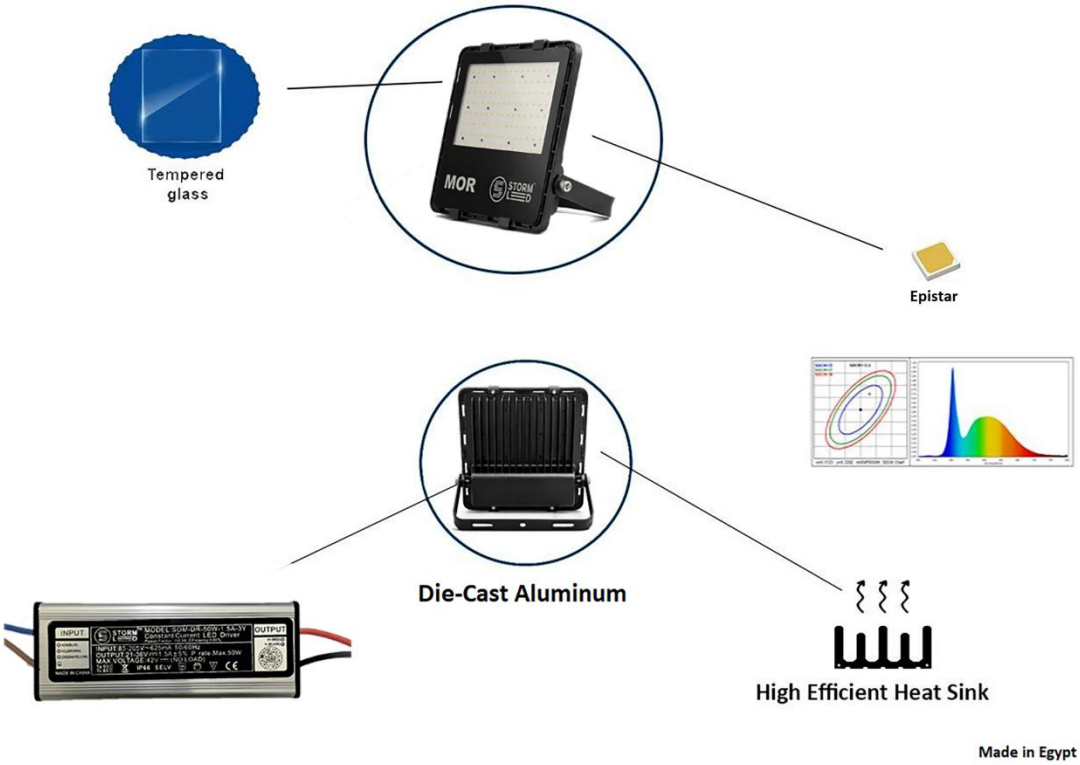
Manufacturer	Storm Electric (Storm LED)
Input Power	100 W
Input Voltage Range	85–265 Vac
Power Factor	≥ 0.95
Input Current	< 1.176 A
Total Harmonic Distortion (THD)	≤ 10%
Frequency Range	50-60 HZ
Driver	Storm LED Driver
Driver Efficiency	≥ 90 %
Luminaire Efficacy	120 lm/w
LED Type	Epistar
Output Lumen	12000 lm
Color Rendering Index (CRI)	Ra ≥ 80
Color Temperature (CCT)	3000 K – 6500 K
SDCM	1-3 Steps
Beam Angle	120°
Ambient Temperature & Humidity	-5°C to 45°C 20% to 95%
Protection	-Over Voltage Protection-≈Vac 310 -Under Voltage Protection-≈Vac 75 - Over Temp. Protection as dimming in full power @ Tc=80°C -Surge Protection 6 KV
Ingress Protection	IP65
Fixture Weight	2.57 Kg
Order Code	(3000k) FLG-100W-30E-S5-V2 (4000k) FLG-100W-40E-S5-V2 (5000k) FLG-100W-50E-S5-V2 (6500k) FLG-100W-65E-S5-V2

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