Product Datasheet

LED Flood-Light Luminaire (100W)



Areas of applications

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

Product Features

- Luminaire efficacy up to 130 lm/w.
- Life time 50 K hours .
- Class I Protection.
- Ingress Protection: IP66.
- Failure rate less than 10%.
- High Pressure Die Cast Aluminum.





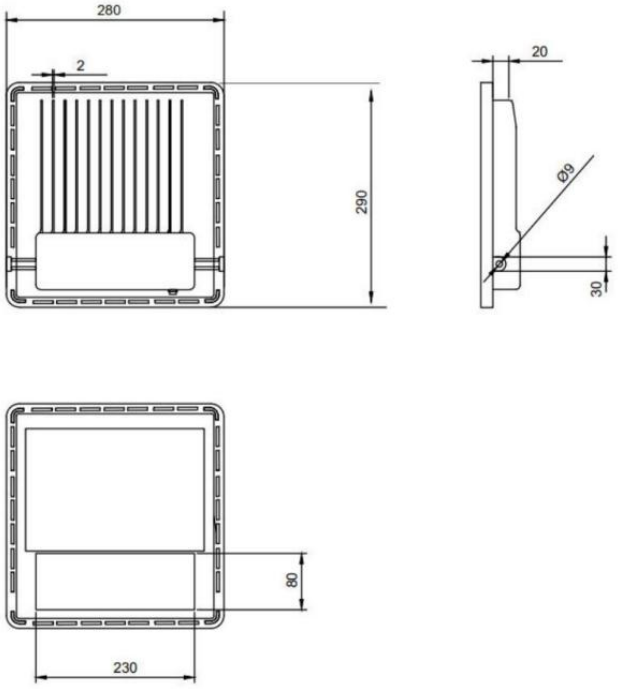


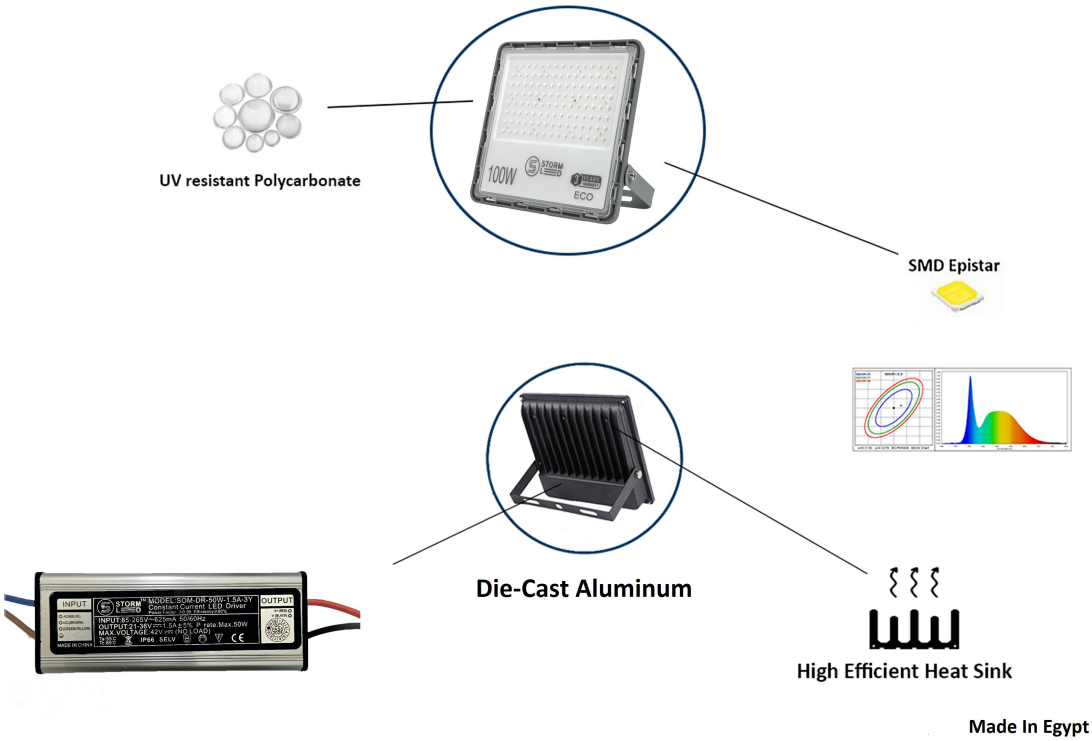
Technical Data

Manufacturer	Storm Electric (Storm LED)
Input Power	100 W
Input Voltage Range	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	Epistar
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	2.9 Kg
Order Code	(3000k) FLP-100W-30E-S5 (4000k) FLP-100W-40E-S5 (5000k) FLP-100W-50E-S5 (6500k) FLP-100W-65E-S5

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

Dimensions





https://www.stormelectric.org/en