Product Datasheet

LED Flood-Light Luminaire (100w)



Areas of applications

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

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%.
- High Pressure Die Cast Aluminum.

5 YEAR WARRANTY

IP66

PHILIPS Xitanium LED driver

LUMILEDS

LM80

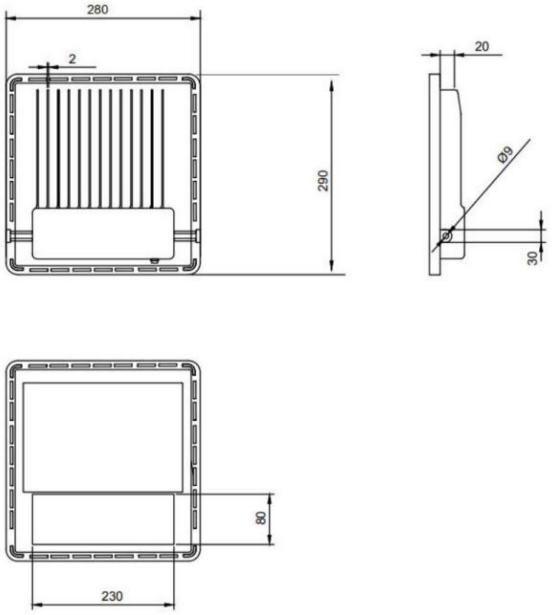
Technical Data

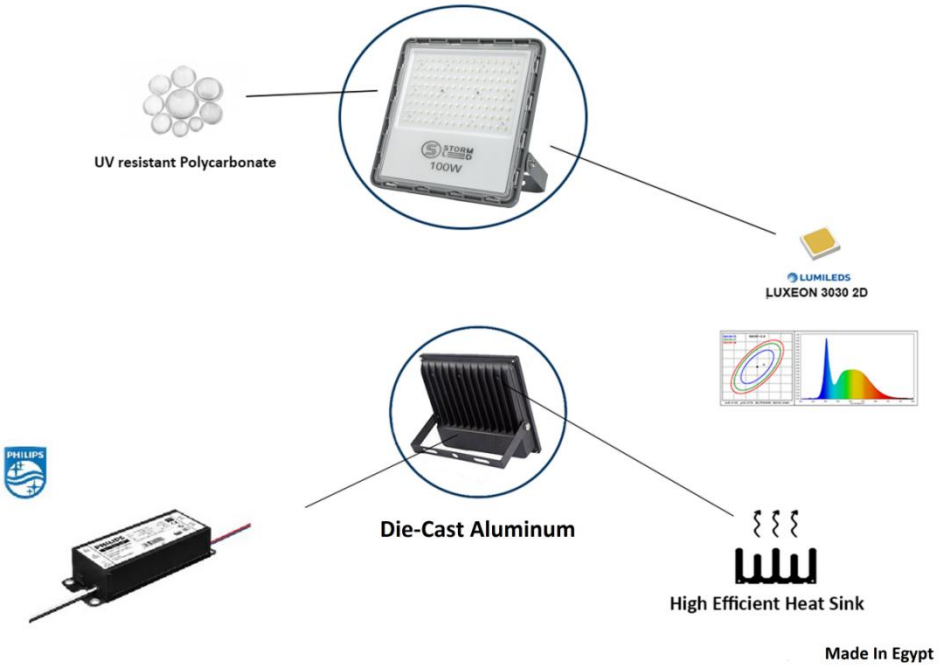
Manufacturer	Storm Electric (Storm LED)	
Input Power	100 W	
Input Voltage Range	202 – 254 Vac	
Power Factor	≥ 0.95	
Input Current	< 0.49 A	
Total Harmonic Distortion (THD)	≤ 10%	
Frequency Range	50-60 HZ	
Driver	Philips LED Driver	
Driver Efficiency	92%	
Luminaire Efficacy	130 - 140 lm/w	
LED Type	Lumileds	
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°	
Ambient Temperature & Humidity	-40°C to 55°C 10% to 90%	
Protection	Over Power Protection Surge Protection 4 KV	
Ingress Protection	IP66	
Fixture Weight	2.9 Kg	
Order Code	(3000k) (4000k) (5000k) (6500k)	FLP-100W-30L-PB10 FLP-100W-40L-PB10 FLP-100W-50L-PB10 FLP-100W-65L-PB10

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