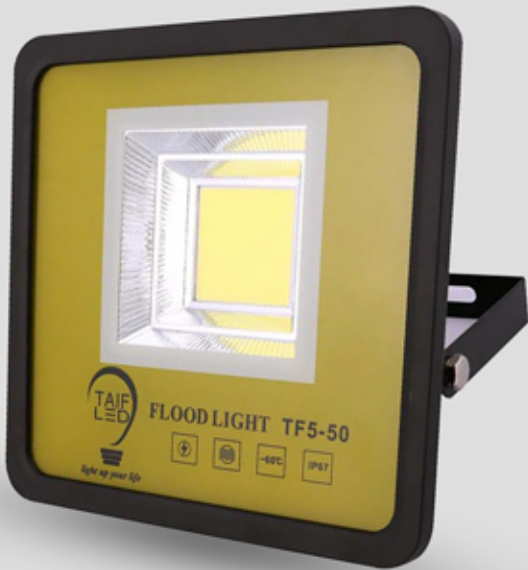




FLOOD LIGHT TF5 50W

DATA SHEET

Flood Light (100lm/w) with excellent color accuracy (CRI70), delivering bright, natural illumination in a sleek.



Product Information :

Premium Epistar Chip with 0.95 power factor

Code # : TL-TF5-50W

Chip : EPISTAR

Product Performance

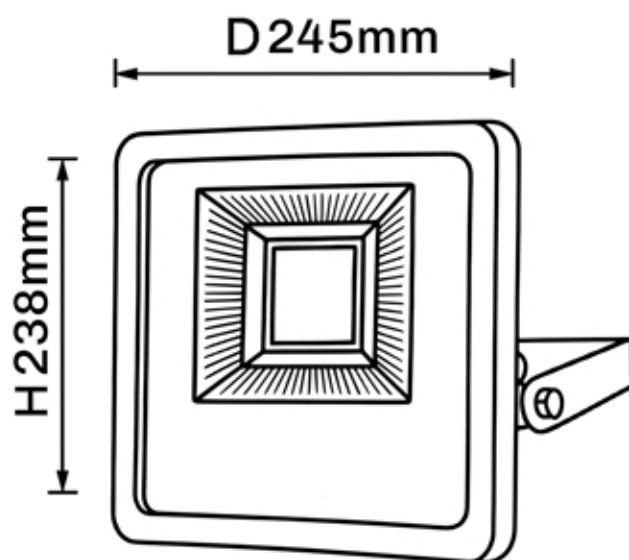
Lumen Output	5000 lm
Luminous Efficacy	100 lm/w
Beam Angle	°120
CCT	6500k - 3000k
CRI (Ra)	70
Warranty	3 Years
Certificate	CE ROHS TUV SAA CB
Lumen maintenance	LM79
Lifetime	50,000 Hours

Electrical

- Power : 50W
 - Voltage(v) : 100V-240V
 - Power Factor : 0.95
 - Frequency HZ : 60/50Hz
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Mechanical

- Size : 245*63*238
 - Product Weight : 2kg
 - IP RATING : IP 67
 - LED Driver Brand : IP65 isolated
 - Driver Efficiency > 0.9
 - Total Harmonic Distortion(THD) < 15%
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Environmental

- Temperature Range Operating : -20°C to 45°C
- Humidity Range Operating : 10% to 70%RH

Description

the back side of an LED floodlight with a focus on its heat dissipation system. The light features a high-quality die-cast aluminum body with multiple vertical heat sink fins designed to maximize airflow and improve heat dissipation as illustrated by the red arrows. This helps in maintaining the efficiency and lifespan of the LED light.

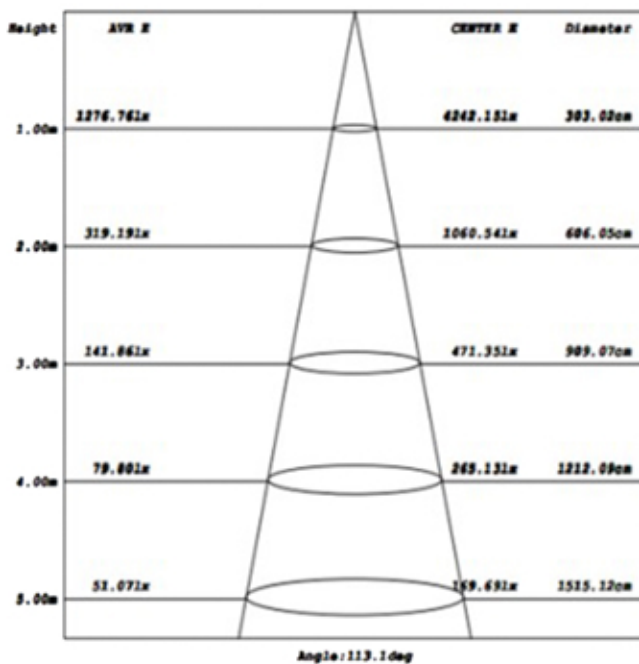
High heat dissipation



In this image, a close-up view highlights the power cable connection, which is secured with a waterproof metal gland to ensure protection against dust and moisture. The overall design emphasizes durability, corrosion resistance, and high-temperature tolerance, making it suitable for both indoor and outdoor use.



Lluminance diagram



Average beam angle

