TFD

Led flood light

480W LED FLOOD LIGHT

(Product specification)

Brand	GUOHUI
Product name	480W LED FLOOD light
Product number	GH-TFD-480W
Date	2025

UKAS QUALITY MANAGEMENT ISO9001

IP67 IK10

LUMILEDS The Brighter Choice

POWERED BY MW MEAN WELL

IEC 60598 certified

CE

RoHS Compliant

SAA APPROVALS

5 YEAR WARRANTY

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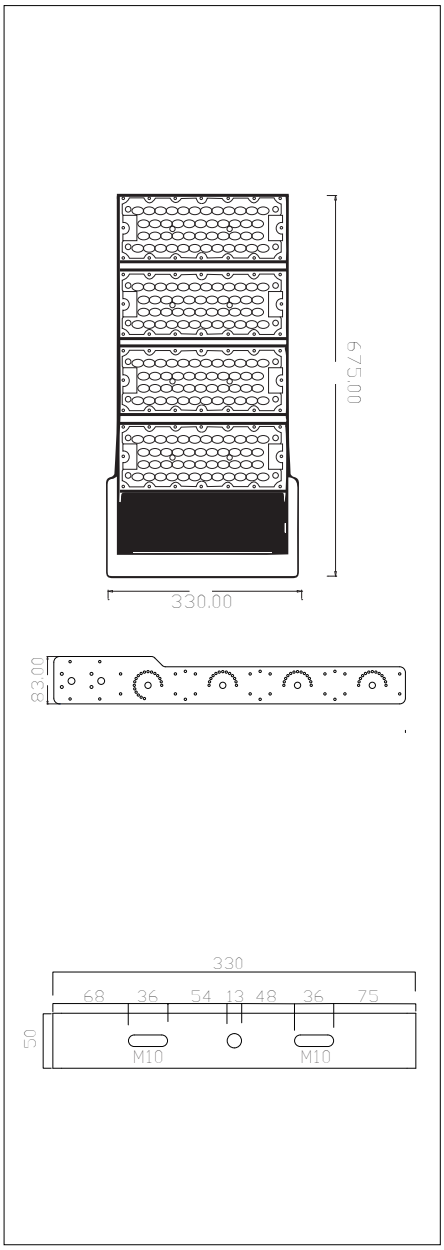

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Technical Parameters

Product Number	GH-TFD-480W		
Input Power	480W		
Lamp Brand	Philips SMD5050 184PCS		
Light Effect	160lm/W		
Input Voltage	AC100-305V	Frequency	50-60Hz
Power Factor	PF≥0.95	CCT	2700-6500K
Power Supply	Meanwell ELG 240W*2PCS	CRI	≥70
Product Size	330*675*83mm	Package size	340*690*105mm
Net Weight	12.2KG	Gross weight	13KG
Lamp Body Color	black	Silver	
Power Cable	Black L firewire		
	green G ground		
	White N zero line		
Beam Angle	8°/20°/40°/60° /90°/140*100°		
Protection Level	Protection class IP67 resistant to 17 winds	Material	Fin 1060 pure aluminum
Service Life	50000 hours	Temperature	-30°C-+55°C
Certificate	CE RoHS	Warranty	5 years

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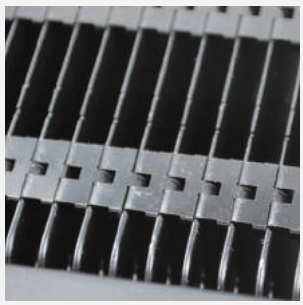
Design Features

Single module adjustment angle light distribution, 8°/20°/40°/60° /90°/ 140*100° angleless PC cover

Import Philips LED lamp beads, Light efficiency>165LM/W

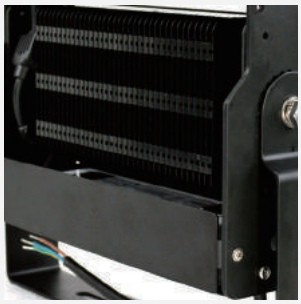


Using fins 1060 pure aluminum heat dissipation, air convection design, Better heat dissipation, heat sink 0.5mm

Use 304 stainless steel screws

Wiring AWG #14 for safety and better connections

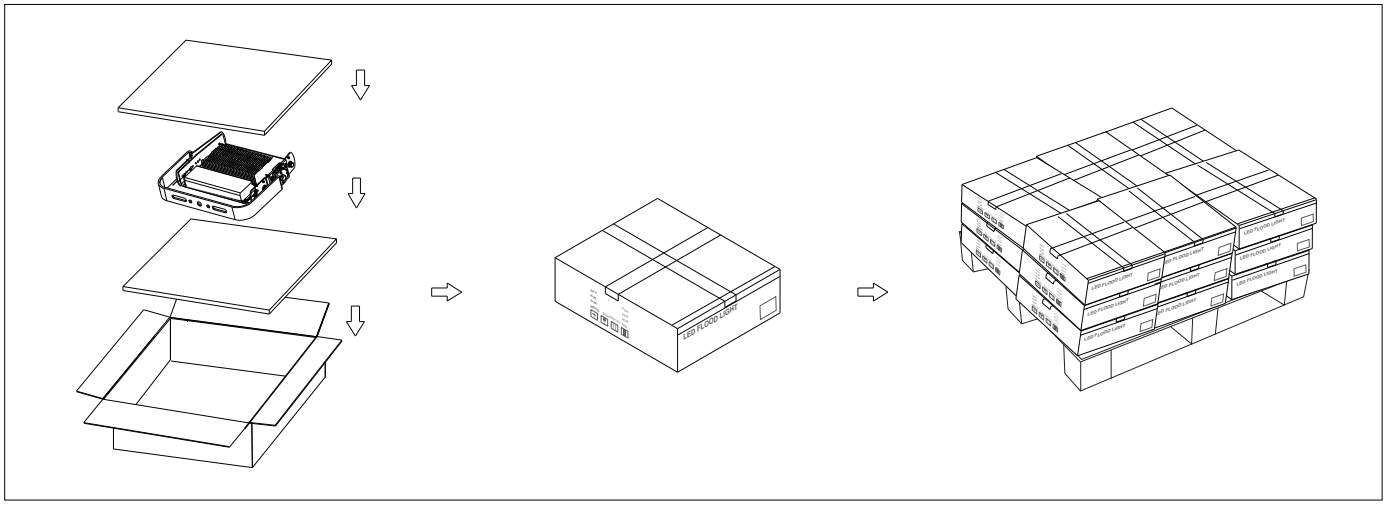
MeanwellELG or HLG driver



Independent power box design to support more power, which is beneficial to Light body heat dissipation, reducing light decay and prolonging service life

Reinforced bracket: 8 mm

Product packaging



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★Instructions for use

1. This product uses working voltage: AC100-305V 50/60 Hz, please do not exceed the working voltage range;
2. Since the lamp has a PC lens accessory, please take care when handling and storing it, and do not press it.

★Installation instructions

1. The mounting rod or mounting surface can be directly screwed through the mounting hole on the product mounting bracket;
2. After fixing the product, you can loosen the screws on both sides of the bracket and then change the angle of the bracket, which is equivalent to adjusting the installation angle of the fixture;
3. Working environment temperature -30 °C-+55 °C storage;
4. When installing the luminaire, the wiring and wiring are closed to prevent leakage;
5. When the external power cord is connected, the corresponding waterproof and water leakage measures must be taken;
6. Anti-glare design, uniform light distribution;
7. Independent power supply box design is beneficial to heat dissipation of the lamp body, reducing light decay and prolonging the service life of the light source;
8. Support light sensor installation, which can realize intelligent control of lamps and improve energy saving benefits.

★Maintenance and repair instructions

1. Make sure that the power has been turned off before maintenance.
2. Regularly clean the PC lens of the floodlight to maintain the high transmittance of the lamp;
3. Regularly clean the dust of the floodlight casing and radiator to maintain good heat dissipation performance;
4. Be careful not to clean with water or corrosive solutions, preferably with a dry rag;

★QUALITY ASSURANCE, AFTER-SALES SERVICE

The whole lamp is guaranteed for 5 years. Under normal conditions of use, quality assurance is based on the proper storage, installation, use and maintenance of the product;Due to improper installation and use, product damage caused by violation of product operating procedures is not covered by warranty;For quality problems during the quality warranty period, the company will choose to repair, exchange (parts) or replace new products during the warranty period.The method is solved; if the quality warranty period is exceeded, the materials and labor costs will be properly collected.