

FLOOD LIGHT: FH

DATASHEET



FH series projectors are widely applied in such as sports, construction, and area lighting. Its robust mechanical design and long service life make it popular with all customers. It saves a lot of energy by comparing with traditional floodlights.

Advantage

- Extruded aluminum casing, high heat dissipation.
- Back-fin design aids cooling.
- Multiple photometric options.
- Adjustable angle.

Features

- Power: 250W - 1000W
- CCT: 3000K - 5700K
- 160LM/W
- IP66, IK08
- warranty 5 years
- CB, CE, ENEC

Application

- Stadiums
- Building facades and monuments
- Park
- parking lots





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Specification Information

- Optical parameters**

Model No.	FH1-250W	FH2-500W	FH3-750W	FH4-1000W
Power	250W	500W	750W	1000W
Lumen	40000Lm	80000Lm	120000Lm	160000Lm
Efficiency	160lm/W*			
CCT (Typ. K ± 10%)	3000K, 4000K, 5700K			
CRI (Ra)	≥70			
SDCM	≤6			
Beam angle	13° **, 20° , 40° , 60° , 90° , Asymmetric			

- Electrical parameters**

Input voltage	AC100-240V 50/60Hz
Power Factor	0.95
Surge Protection	L-N:5KV , L/N-G:10KV***

- Mechanical parameters and key materials**

Housing	6063 pressed out aluminum, surface spray color: black
Cover Lens	UV-resistant PC
LED Driver	MOSO
LED Brand/Model	EDISON5050/ EDISON3535

- General parameters**

Mounting	bracket mounting
Operating Temperature	-20 ~ +50°C
Storage Humidity	10% ~ 85%
Protection	IP66, IK08
Electric class	Class I
Warranty	5 years
Lumen Maintenance	50,000 hours at L70
Certification	CE, CB, ENEC

*Efficiency base on 4000K, Beam angle ≥20° ;

**Base on LED 3535. efficiency ≥130LM/W;

***Base on MOSO surge protection

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual

Features

IP66 waterproof & durable

Modular design is flexible

Adjustable angle.



Accessories



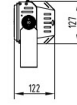
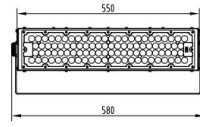
Hood



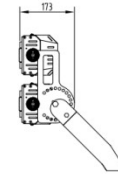
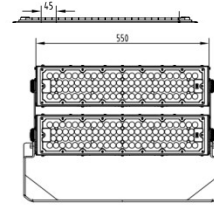
Fall arrest chain

Dimensions

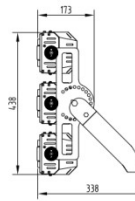
FH1



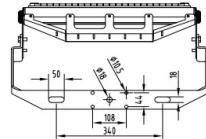
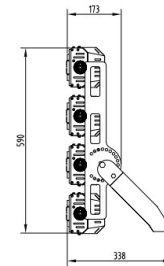
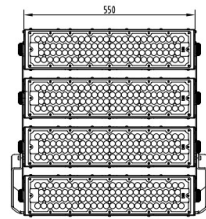
FH2



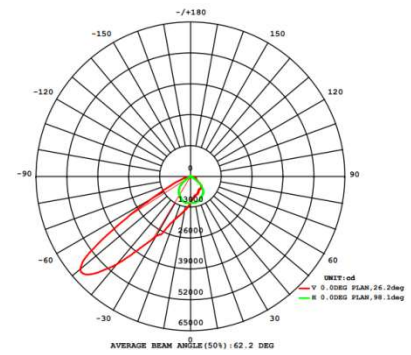
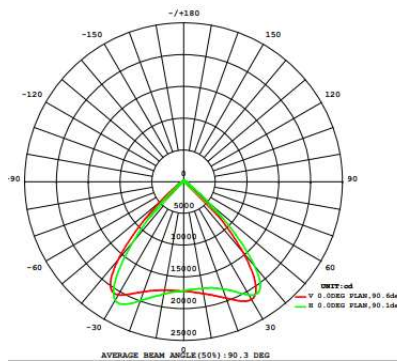
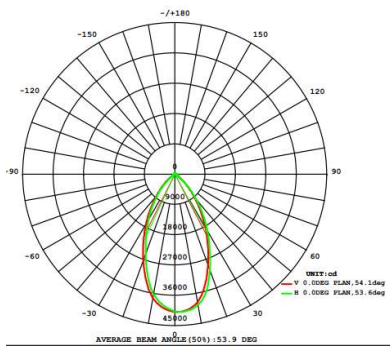
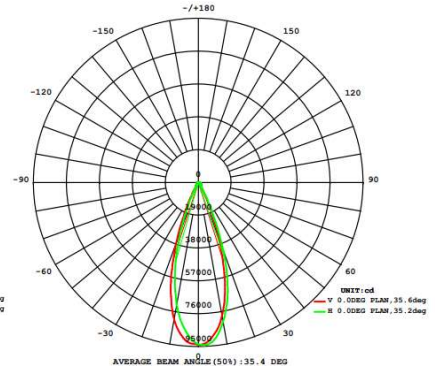
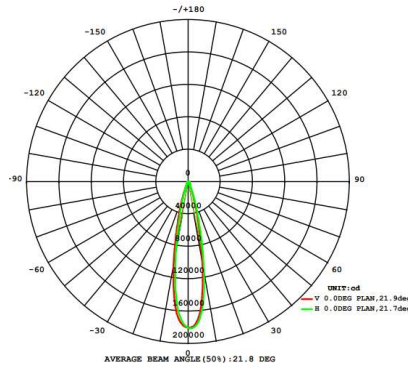
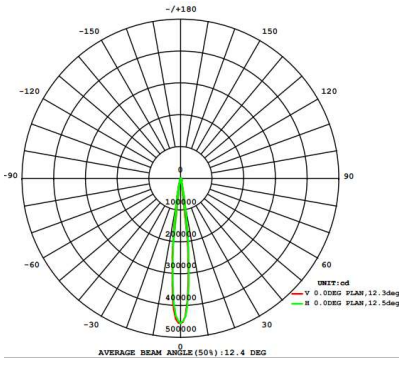
FH3



FH4



Light distribution



*Other optical types can be provided according to special requirements ◦

Packaging Information

Model No.	FH1	FH2	FH3	FH4
Package dimension (mm)	635*270*190	690*425*240	690*605*240	760*690*240
N. Weight (kg)	5	11	13	17
G. Weight((kg)	6	12	14	18
Packing	1pc/carton	1pc/carton	1pc/carton	1pc/carton

User manual

Installation Instruction



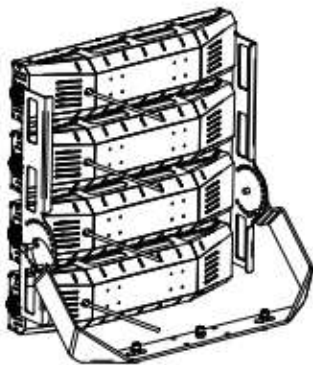
1. Use M10 bolts to fix the bracket on the mounting platform.



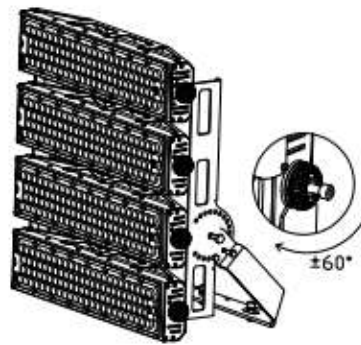
2. Unscrew the M8 bolts, and set the tilt of luminaire, and then fix the bolts



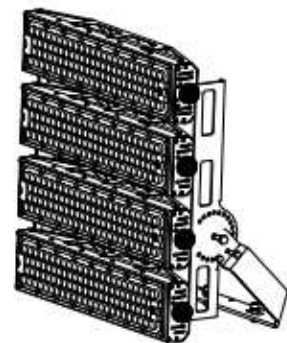
3. Wire the cables according to the right polarity.



1. Use M16 bolts to fix the bracket on the mounting platform.



2. Unscrew the M8 bolts, and set the tilt of each LED module, and then fix the bolts.



3. Unscrew the M10 bolts, and then set the tilt of the luminaire, and tight the bolts.

Revision History

Versions	Description	Release Date
1.0	NEW	2023/11

About EdisonOpto

Edison Opto provides comprehensive LED and solid-state lighting products from LED Component, Light Module, UV / IR LED, LED sensing, Horticulture and Automotive Lighting. With a view to improve R&D process, Edison Opto develops the vertical platform on **TEMO™** (Thermal. Electrical. Mechanical. Optical) to ensure the quality of products and services; Furthermore, Edison Opto creates **LDMS™** (Lighting Design Manufacturing Service) from light source to luminaire manufacturing, to serve our customers a quality experience of customized solutions.



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