

FLD Flood Light Datasheet



Adjustable CCT & Power button



Key Features

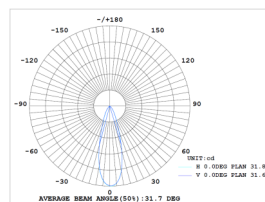
- ⇒ **Efficacy:** Up to 150lm/w
- ⇒ **LED Chip:** SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30°|60°|90°|120°|Type II-M | Type III-M | 30°x90°(asymmetric light)
- ⇒ **Control:** Adjustable CCT and Adjustable Power
- ⇒ **IP Rating:** IP66
- ⇒ **Installation:** Bracket
- ⇒ **Certifications:** CE, RoHS
- ⇒ **Warranty:** 5 years

Application

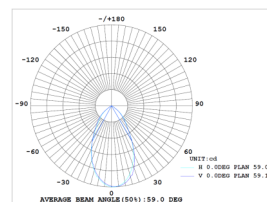
Sports venues; Plazas and parks; Construction sites; Building facades; Parking lots and storage areas; Ports and docks; Industrial plants; Emergency and disaster relief sites; Billboards and large signs; Airports (auxiliary lighting), etc.

Photometry

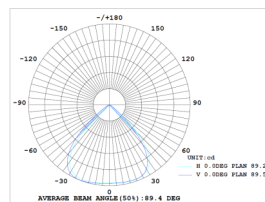
30° PC lens



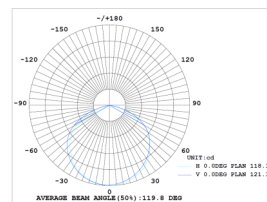
60° PC lens



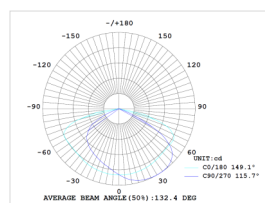
90° PC lens



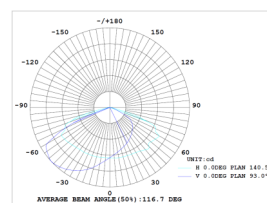
120° PC lens



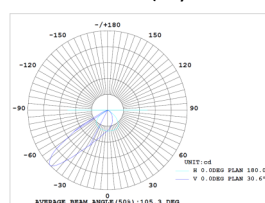
Type II-M PC lens



Type III-M PC lens



30°x90° PC lens (asymmetric light)



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Product Data

Model No.	FL010D	FL020D	FL030D	FL050D	FL080D	FL100D	FL150D	FL200D	FL240D	FL300D
Power	10W	20W	30W	50W	80W	100W	150W	200W	240W	300W
Lumen Output	1,200 lm	2,400 lm	3,600 lm	7,500 lm	12,000 lm	15,000 lm	22,500 lm	30,000 lm	36,000 lm	45,000 lm
Luminous Efficacy	150 lm/w									
CCT	3000K 4000K 5000K 5700K 6500K									
CRI	Ra≥70 (Ra≥80 optional)									
Input Voltage	100-277 VAC; 50Hz 60Hz									
Housing Color	Black									
Housing Material	Aluminum, Glass, PC									
IP Rating	IP66									
Operating temperature	-30°C to +50°C									
Operating humidity	10% to 90% RH									
Lifespan	100,000 hours									
Warranty	5 years									

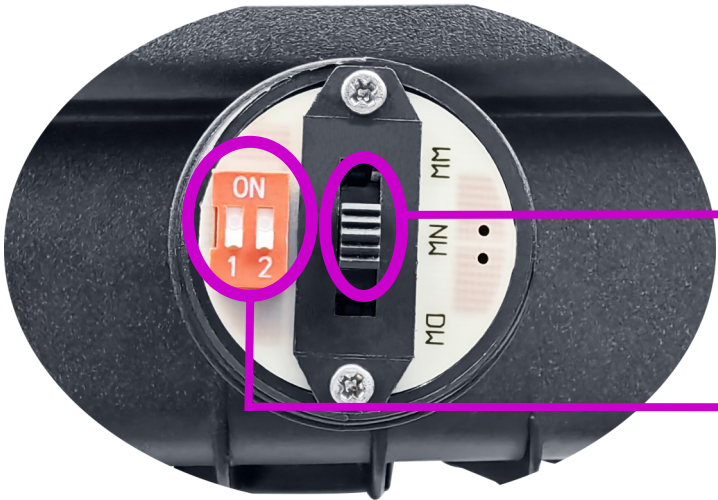
ErP Technical Specification (25°C operating temperature)

Item	Specification and Data
Efficiency In	≥90%
Power Factor	PF≥0.90
Energy Efficiency Class	D
Standard Deviation of Color Matching	<5
Starting Time	<0.2S
Warm-up Time to 60%	<0.5S
Lumen Maintenance at e.o.l.	>70%
Lifetime	L70/B10@100,000hours

Note: 1. The above parameters will have errors within the allowable range of relevant standards.
2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!

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Accessories Description



Adjustable CCT and Power Dial button

⇒ Black / Gray
⇒ Steel, PC

CCT Adjust Dial
Adjustable CCT: 3000K(WW)|4350K(NW)|5700K(DW)

Power Adjust Dial
% watts: 40%|60%|80%|100%.
1 and 2 up: 40%
1 up, 2 down: 60%
1 down, 2 up: 80%
1 and 2 down: 100%

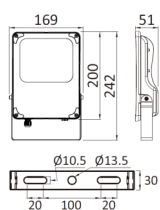
Packaging

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
FL010D	20	1.35 kg/pcs	34.0 kg	12.0 kg	L522xW365xH315 mm ≈ 0.060 m³	466 CTNS	1,133 CTNS
FL020D	20	1.35 kg/pcs	34.0 kg	12.0 kg	L522xW365xH315 mm ≈ 0.060 m³	466 CTNS	1,133 CTNS
FL030D	20	1.40 kg/pcs	35.0 kg	12.0 kg	L522xW365xH315 mm ≈ 0.060 m³	466 CTNS	1,133 CTNS
FL050D	10	2.0 kg/pcs	22.0 kg	9.1 kg	L465xW311xH315 mm ≈ 0.046 m³	608 CTNS	1,478 CTNS
FL080D	10	3.0 kg/pcs	32.0 kg	14.5 kg	L596xW387xH315 mm ≈ 0.073 m³	383 CTNS	931 CTNS
FL100D	10	3.1 kg/pcs	33.0 kg	14.5 kg	L596xW387xH315 mm ≈ 0.073 m³	383 CTNS	931 CTNS
FL150D	1	4.5 kg	5.2 kg	4.3 kg	L440xW420xH115 mm ≈ 0.021 m³	1,333 CTNS	3,238 CTNS
FL200D	1	5.2 kg	5.9 kg	4.7 kg	L490xW420xH115 mm ≈ 0.024 m³	1,166 CTNS	2,833 CTNS
FL240D	1	5.9 kg	6.8 kg	5.2 kg	L540xW420xH115 mm ≈ 0.026 m³	1,076 CTNS	2,615 CTNS
FL300D	1	9.7 kg	10.9 kg	7.6 kg	L580xW570xH115 mm ≈ 0.038 m³	7,36 CTNS	1,789 CTNS

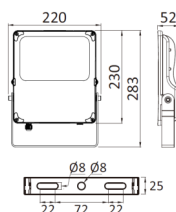
Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

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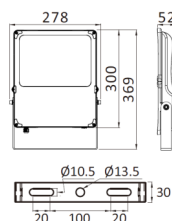
Dimension (unit: mm)



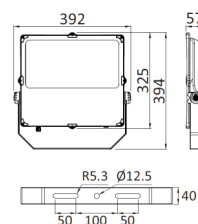
FL010D/FL020D/FL030D



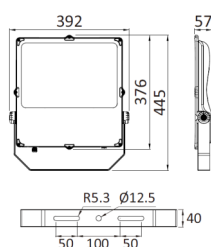
FL050D



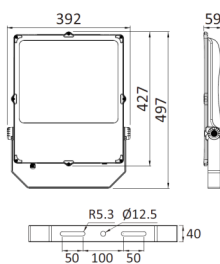
FL080D/FL100D



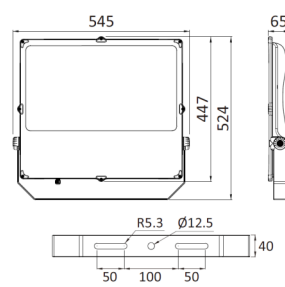
FL150D



FL200D



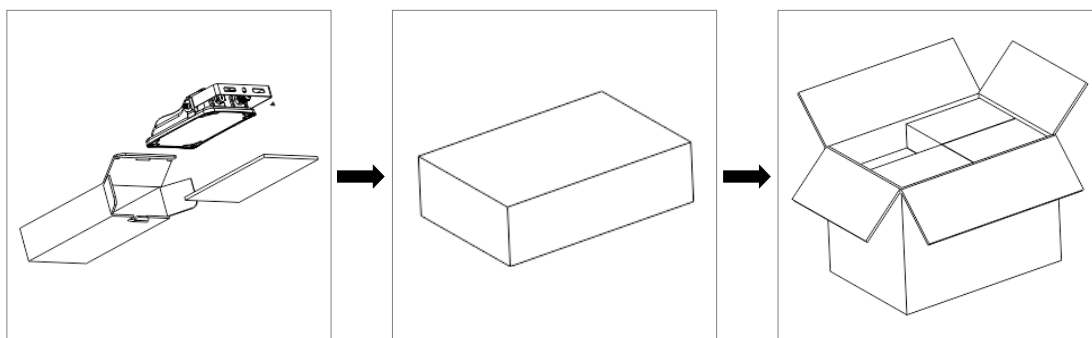
FL240D



FL300D

Packaging Images

10W to 100W



150W to 300W

