

FL05 Flood Light Datasheet



Key Features

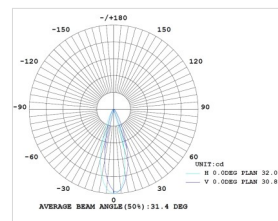
- ⇒ **Efficacy:** Up to 140 lm/w
- ⇒ **LED Chip:** SMD2835 | SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 120° | Type II | Type III | asymmetric light
- ⇒ **Control:** Adjustable CCT & Adjustable power
- ⇒ **IP Rating:** IP65
- ⇒ **Installation:** Bracket
- ⇒ **Warranty:** 5 years

Application

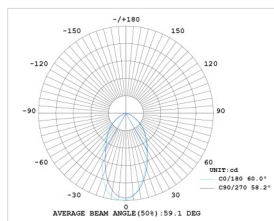
Shopping malls, exhibition halls, car parks, stadiums, stadiums, billboards, parks, sculpture, building facades and other indoor and outdoor lighting.

Photometry

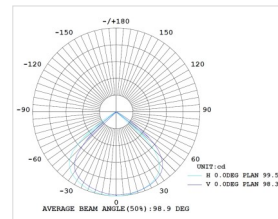
30°(PC lens)



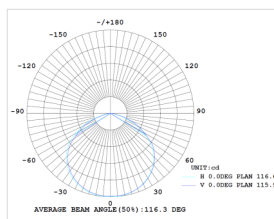
60°(PC lens)



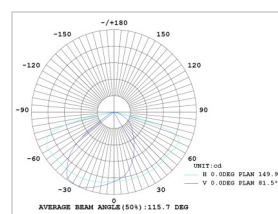
90°(PC lens)



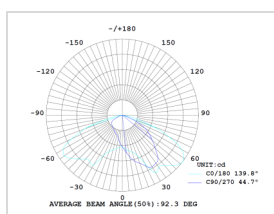
120° Glass Cover



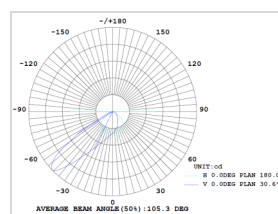
Type II (PC lens)



Type III (PC lens)



Asymmetric light (PC lens)



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Product Data

Model No.	FL05-50
Power	50W
Lumen Output	7,000 lm
Luminous Efficacy	140lm/w
CCT	3000K 4000K 5000K 5700K 6500K
CRI	Ra≥70 (Ra≥80 optional)
Input Voltage	100-277 VAC; 50Hz 60Hz
Housing Color	Black Gray
Housing Material	Aluminum, Glass, PC
IP Rating	IP65
Operating temperature	-30°C to +40°C
Operating humidity	10% to 90% RH
Lifespan	100,000 hours
Warranty	5 years

ErP Technical Specification (25°C operating temperature)

Item	Specification & Data
Efficiency In	>93%
Power Factor	PF≥0.95
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
Adjustable Power: 50%; 75%; 100%.
Dial "1" is 75%; dial "1" and "2" is 50%;
OFF is 100%.

Packaging

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
FL05-50	10	1.5 kg/pcs	16.0 kg/ctn	7.3 kg	L520xW240xH290 mm ≈ 0.036 m³	777 CTNS	1,888 CTNS

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

Dimension (unit: mm)

