

FL05 Flood Light Datasheet



Key Features

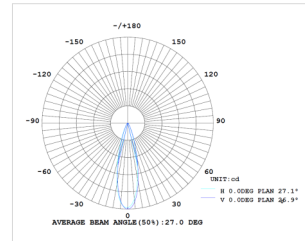
- ⇒ **Efficacy:** Up to 140 lm/w
- ⇒ **LED Chip:** SMD2835 | SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 120° | Type II | Type III
- ⇒ **Control:** Adjustable CCT & Adjustable power
- ⇒ **IP Rating:** IP65
- ⇒ **Installation:** Bracket
- ⇒ **Warranty:** 5 years

Application

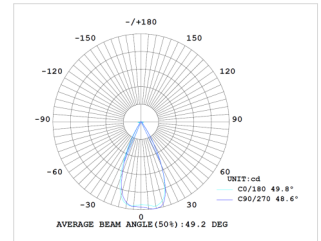
Shopping malls, exhibition halls, car parks, stadiums, stadiums, billboards, parks, sculpture, building facades and other indoor and outdoor lighting.

Photometry

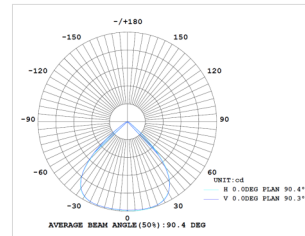
30°(PC lens)



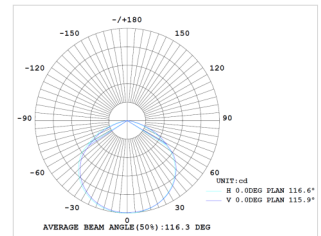
60°(PC lens)



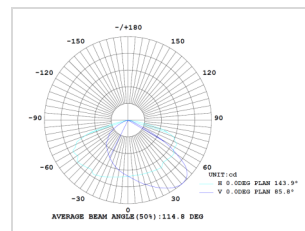
90°(PC lens)



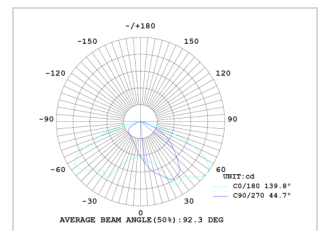
120° Glass Cover



Type III (PC lens)



Type III (PC lens)



Adjustable CCT & Power button



FL05 Flood Light Datasheet

Product Data

Model No.	FL05-50	FL05-100	FL05-150	FL05-200	FL05-240	FL05-300	FL05-400
Power	50W	100W	150W	200W	240W	300W	400W
Lumen Output	7,000 lm	14,000 lm	21,000 lm	28,000 lm	33,600 lm	42,000 lm	56,000 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!**

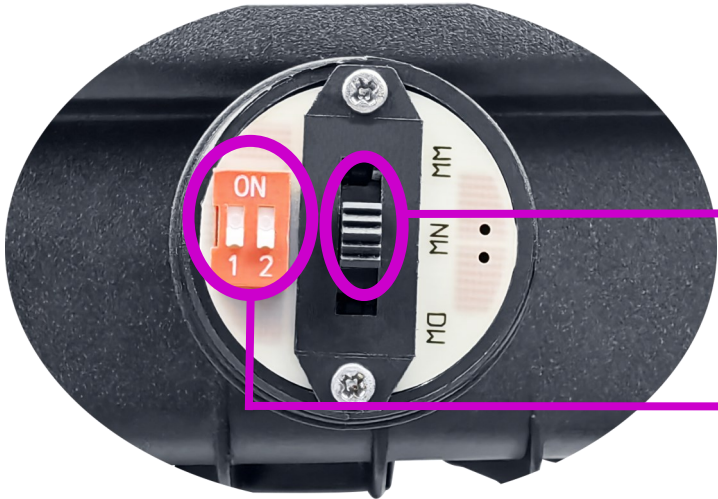


www.kmlled.com

Company Address: No.6, HengTang Road, YanChuan Community, YanLuo Street, Bao'an, ShenZhen City, China.

FL05 Flood Light Datasheet

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%.

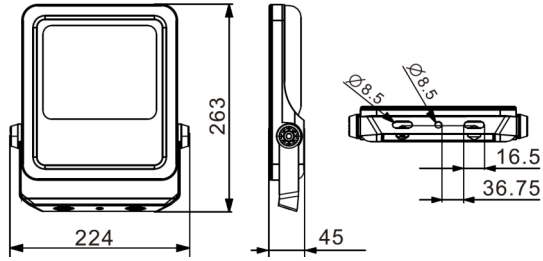
Packaging

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ(68m ³)
FL05-50	10	1.5 kg/pcs	16.0 kg/ctn	7.3 kg	L520xW240xH290 mm ≈ 0.036 m ³	777 CTNS	1,888 CTNS
FL05-100	10	2.5 kg/pcs	27.5 kg/ctn	11.3 kg	L580xW285xH340 mm ≈ 0.056 m ³	500 CTNS	1,214 CTNS
FL05-150	5	3.5 kg/pcs	19.5 kg/ctn	8.5 kg	L340xW320xH390 mm ≈ 0.042 m ³	666 CTNS	1,619 CTNS
FL05-200	1	4.7 kg	5.2 kg	1.9 kg	L361xW63xH419 mm ≈ 0.010 m ³	2,800 CTNS	6,800 CTNS
FL05-240	1	6.1 kg	6.9 kg	3.7 kg	L490xW415xH90 mm ≈ 0.018 m ³	1,555 CTNS	3,777 CTNS
FL05-300	1	6.9 kg	7.7 kg	3.7 kg	L490xW415xH90 mm ≈ 0.018 m ³	1,555 CTNS	3,777 CTNS
FL05-400	1	9.0 kg	10.0 kg	4.9 kg	L515xW505xH95 mm ≈ 0.025 m ³	1,120 CTNS	2,720 CTNS

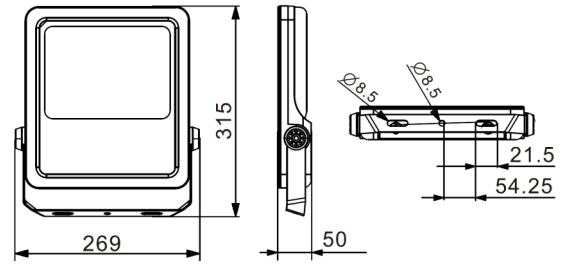
Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

FL05 Flood Light Datasheet

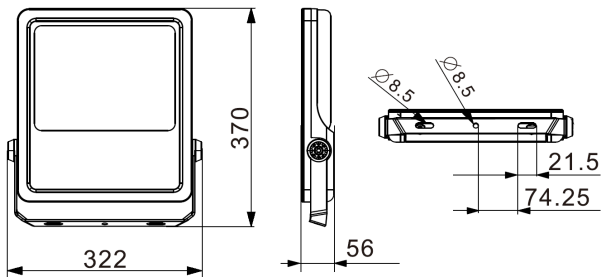
Dimension (unit: mm)



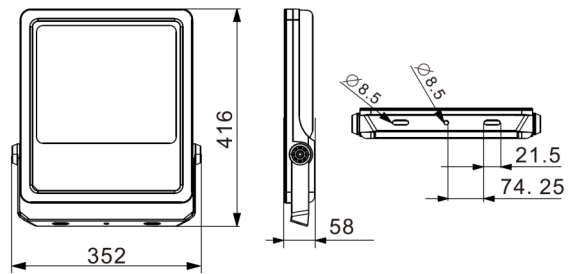
FL05-50



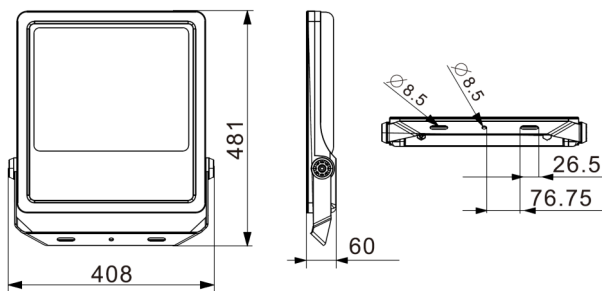
FL05-100



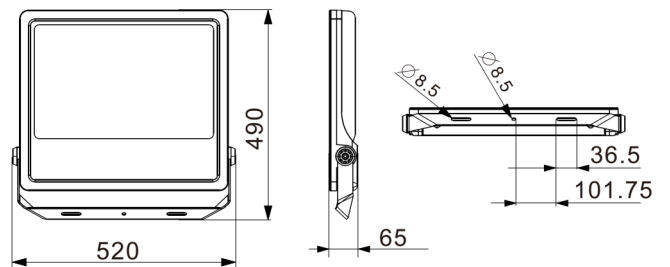
FL05-150



FL05-200



FL05-240|FL05-300



FL05-400