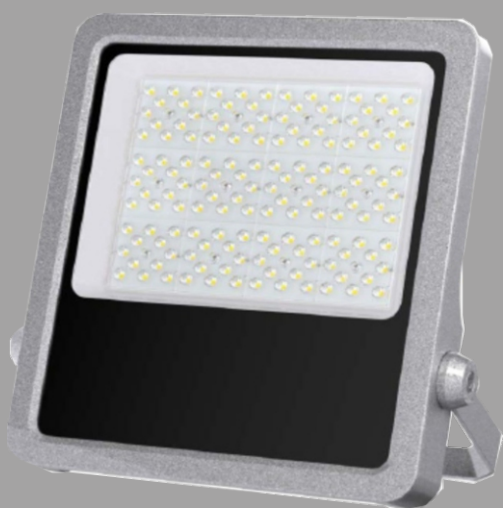


SPECIFICATION LED Floodlight

FL05A SERIES



CCT&Power selectable by Dipswitch

CCT selectable
Adjustable CCT: 3000K(WW) | 4000K(NW) | 5700K(CW)

Power Adjustable
Adjustable Power: 50%; 75%; 100%.
Dial "1" is 75%; dial "1" and "2" is 50%; OFF is 100%.

140
lm/W

180°
Adjustable

CCT
3000K-6000K

IP65

IK
08

Dimmable
Optional

PF > 0.95

LM
79

LM
80

TM
21



30°



60°



90°



140° x 70°



150° x 80°

Features

Efficacy: Up to 140 lm/w.

LED Chip:SMD3030, SDCM<5.

Laser Locator:precise positioning the lighting area.

Beam Angle:30°/60°/90°/Type II /Type III Asymetrical

IP Rating: IP65.

Installation: Wall Mounted/ Suspended Mounted/Standing

Certifications: CE, RoHS.

Warranty: 5 years .



Specification

Operating Temperature	-30°C to +50°C
Smart Control Options	1-10V dimming / DALI dimming
Housing Material	Aluminum, PC
Housing Color	Black
Mounting Options	Wall / Suspended Mounted

ErP Technical Specification

Efficiency	>93%
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

Product specification

Model No.	FL05A50W	FL03A100W	FL05A150W	FL05A200W	FL05A240W	FL05A300W	
Wattage	50W	100W	150W	200W	240W	300W	
Lumen Output	7,000 lm	14,000 lm	21,000 lm	28,000 lm	33,500 lm	42,000 lm	
Luminous efficiency	140 lm/W						
CCT	3000K/4000K/5000K ,3 CCT selectable						
CRI	Ra≥70 (Ra≥80 optional)						
Input Voltage	100-277 VAC/220-240 VAC; 50Hz/60Hz						
Housing Color	Grey/Black						
Housing Material	Aluminum, Glass, PC						
Operating temperature	-30°C to +55°C						
Operating humidity	10% to 90% RH						
Lifespan	100,000 hours						
Warranty	5 years						

Technical character	
Insulation	CLASS I
Protection	IP65
Tilt	NA
Rotate	NA
Operating temperature	-20~40°C
Average Failure Time	L70(10k) >60000 (h)

Materials	
Luminaire	aluminum die-casting
Reflector	Plastic reflector+LENS
Heat sink	aluminum die-casting
IK rate	IK08
Color available	Black
Adaptor	N/A

Remarks

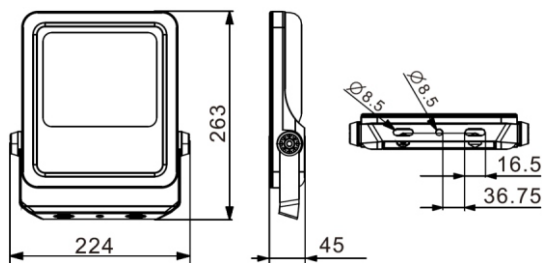


*1. LUMEN : for LED chip test result based on Tc=85°C.

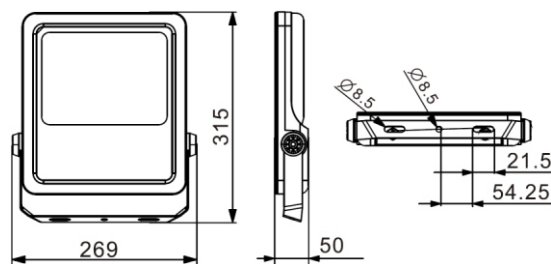
This is the ideal (Maximum) lumen. This lumen information is from the LED supplier

*3. LUMEN(system) (Total FLUX) : this lumen is from luminaire with heat sink, reflector and fixture, this is the real lumen with the loss because of different design of reflectors and fixtures.

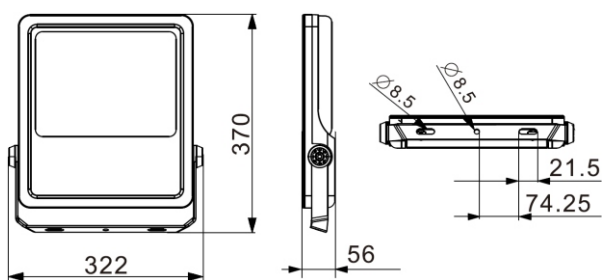
Dimension (unit: mm)



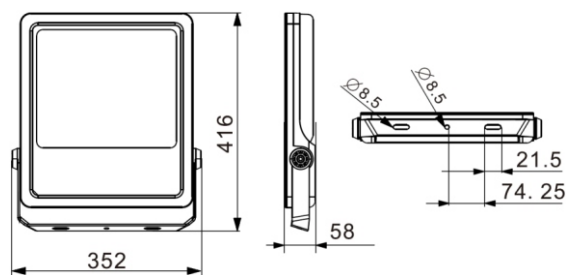
FL05-50



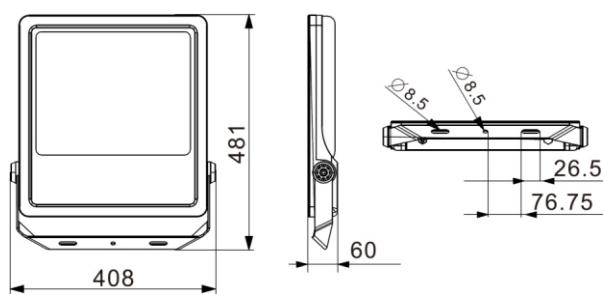
FL05-100



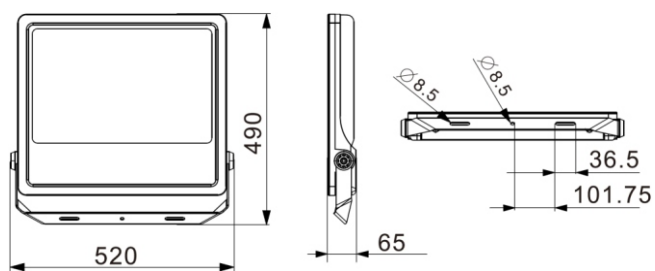
FL05-150



FL05-200



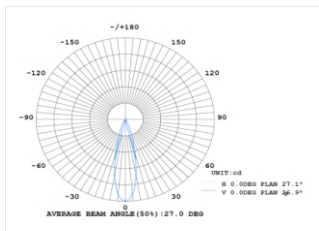
FL05-240|FL05-300



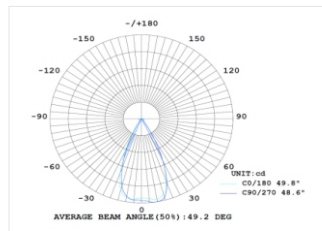
FL05-400

Light Distribution Curve [Unit:cd]

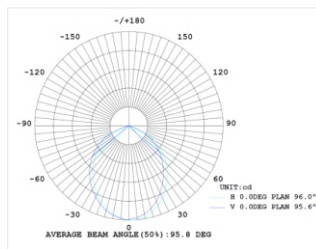
30° PC lens



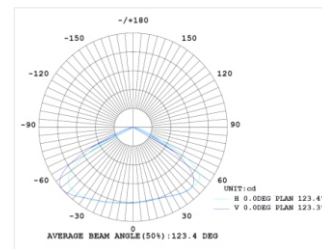
60° PC lens



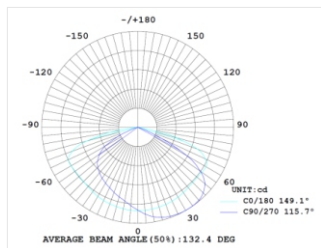
90° PC lens



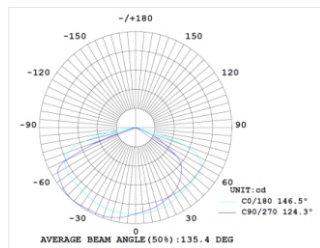
120° PC lens



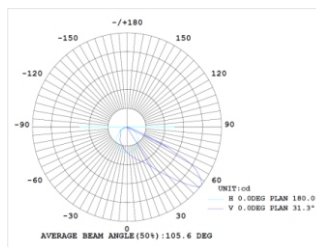
Type 2M PC lens

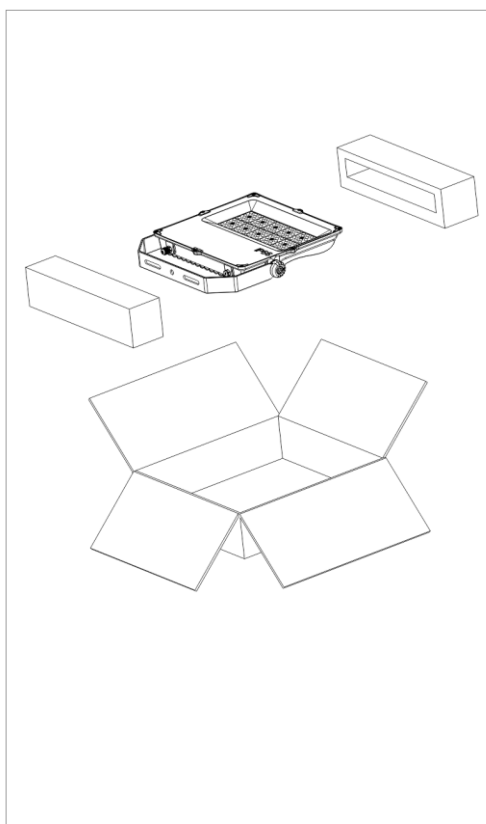
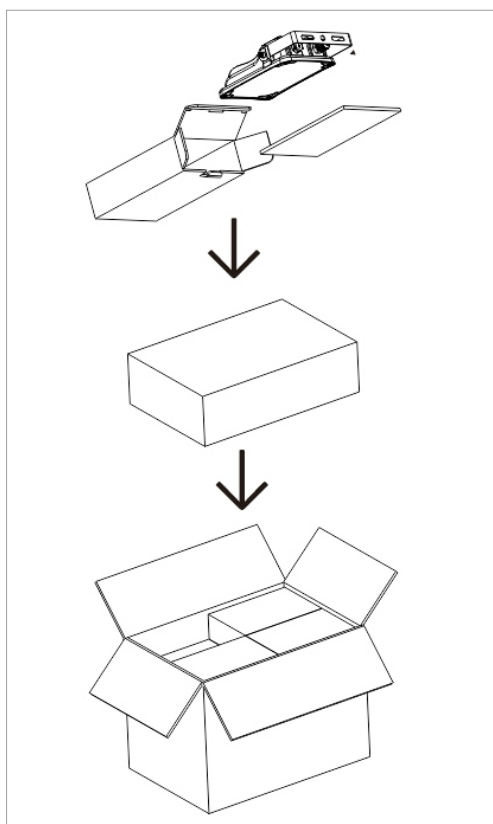


Type 3M PC lens



30° x90° PC lens





100W-300W

Application

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

