

LED FLOOD LIGHT FL04 SERIES

CE CB IK08 IP66 180 lm/W CRI >70 5 YEARS

Pan American
Professional Lighting Manufacturer

100W-150W/200W-240W/250W-350W
400W-500W/600W-800W

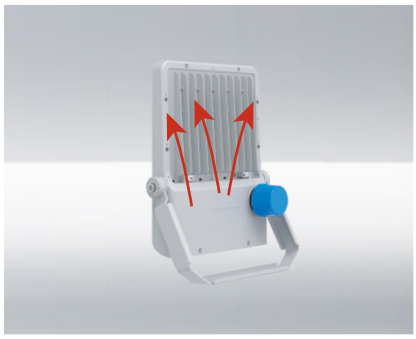
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FEATURES



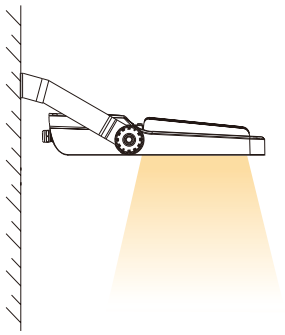
IP66 Waterproof



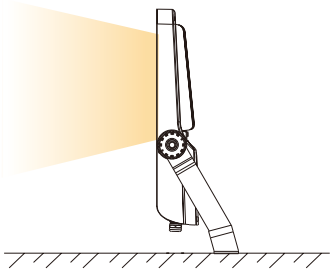
Efficient Heat Dissipation



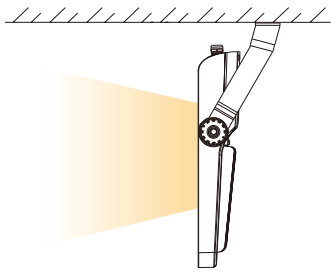
180° Adjustable Metal Holder



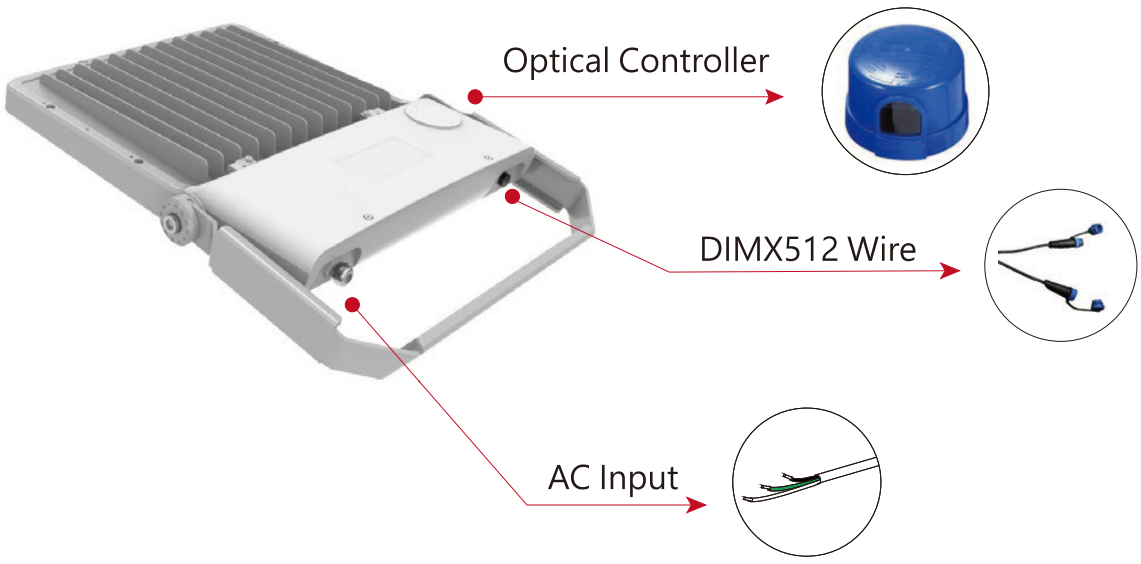
Wall Mounting



Stand on the Floor



Ceiling Mounting



DATA SHEET

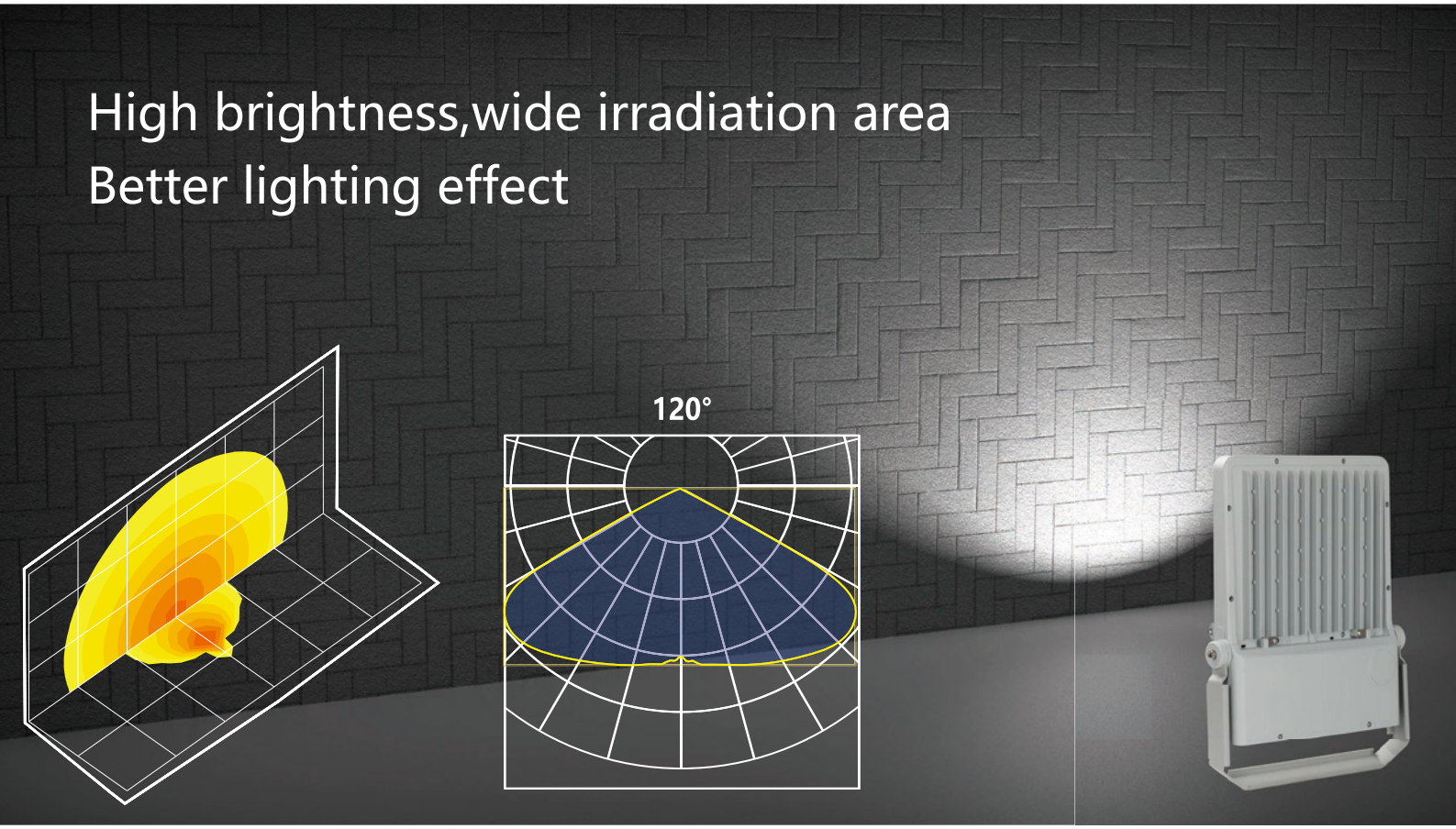
Model	FL04-D1	FL04-D2	FL04-D3	FL04-D4	FL04-D5
Number of lenses	12PCS	20PCS	32PCS	40PCS	72PCS
Rated Wattage	100W-150W	200W-240W	250W-350W	400W-500W	600W-800W
Input	AC120V-277V, 200-277V, 50/60Hz				
Lumen Output (±10%)	14500-27000lm	29000-43200lm	36250-63000lm	58000-90000lm	78000-136000lm
Efficacy	145 - 180 lm/W				130 - 170 lm/W
LED Chip	SMD2835, SMD3030(standard)/SMD5050(optional)				
CCT	2700K-6500K				
CRI	70CRI(standard) / 80CRI(optional) / 90CRI(optional)				
THD	<15%				
Power Factor	>0.95				
Dimming	0-10V Dimming(standard) / DALI-2(optional) / D4i(optional) / DMX512(optional)				
Power supply brand	MOSO/Inventronics/SOSEN				
LED Lumen Maintenance	L70>100,000 Operation Hours@50°C				
Beam Angle	15°/30°/45°/60°/90°/120°/T2VS/T3VS/30x90°				
Ambient Temperature	-40°C ~ +50°C				
IP Rating	UL Listed for Wet Locations, IP66, IK08				
Lens Material	PC Lens + Glass Cover				
Warranty	5 Years				



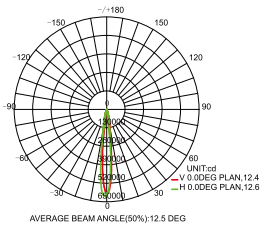
FL04 Series LED Flood Light

*High lumen efficiency and high brightness.
*High efficacy up to 180lm/W.
*Great impact resistance with IK08 rating.
*Dimming/DALI(optional).

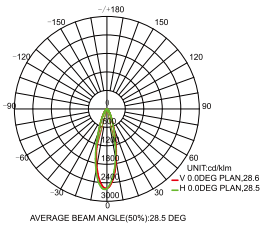
Photometry



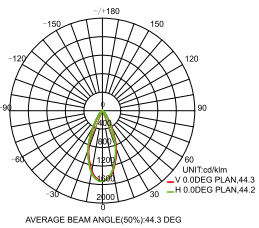
15 Degrees



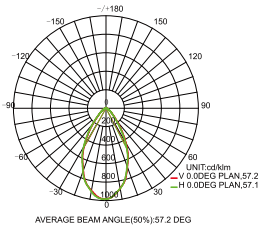
30 Degrees



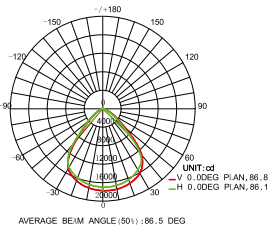
45 Degrees



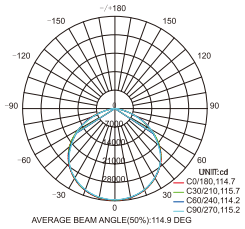
60 Degrees



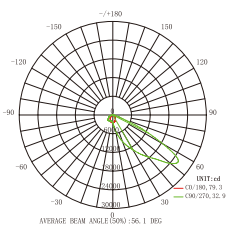
90 Degrees



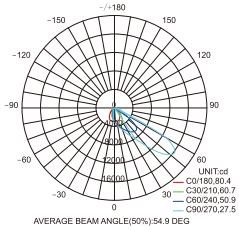
120 Degrees



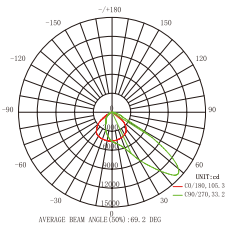
T2VS



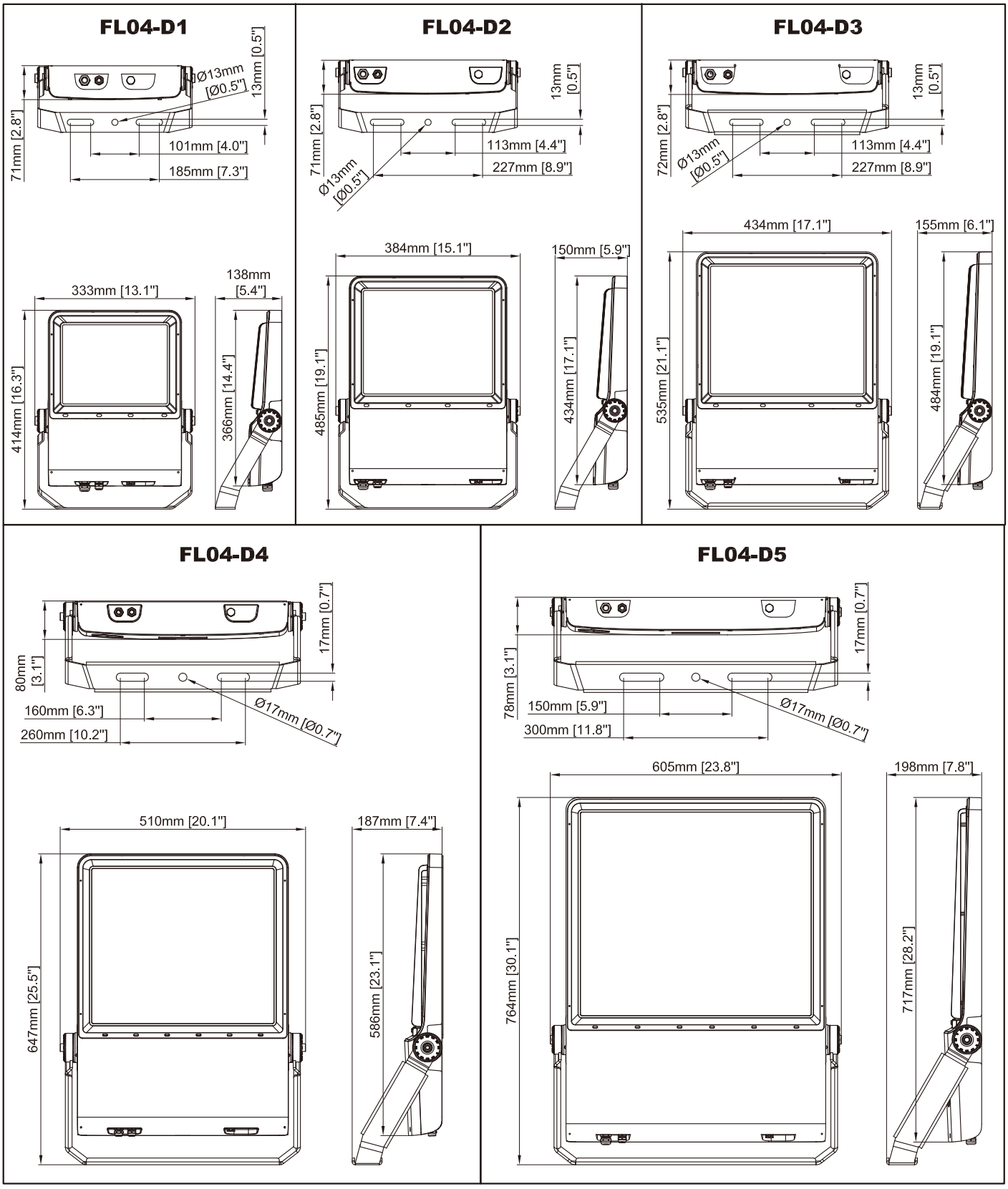
T3VS



30x90°

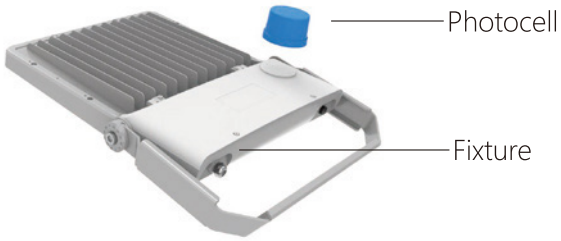


Product Dimension



Instructions for Photocell

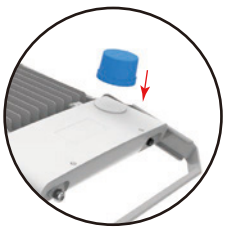
When the photocell function is required, photocell should be installed on the back of the fixture;





Photocell sensor

Step 1
Photocell is matched to the base holes.



Photocell

Step 2
Turn the photocell clockwise.



Model Nomenclature

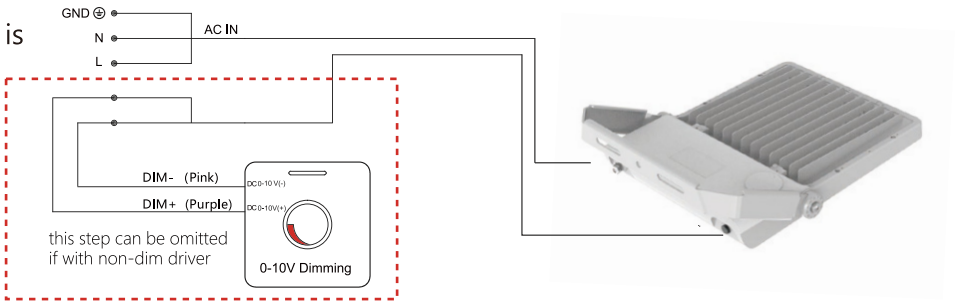
FL04	-	D1	xxxxW	x	y	z	p
1		2	3	4	5	6	7

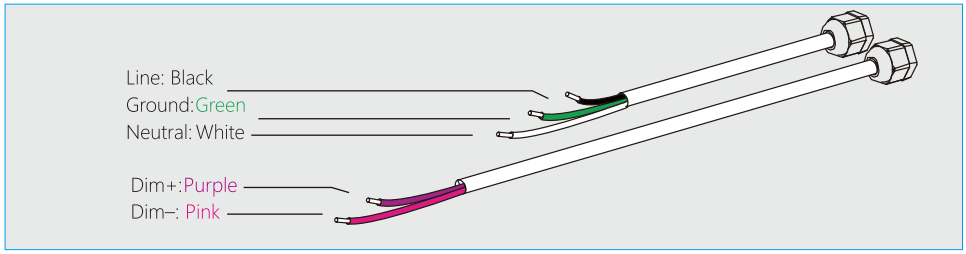
1.Product Name	2.Enclosure Size	3.Wattage
FL04=FLOOD LIGHT 04	D1 D2 D3 D4 D5	0100=100W 0200=200W 0300=300W 0400=400W 0600=600W 0800=800W

4.Dimming Function	5.CCT	6.Light Distribution	7.Driver
x can be N or D or K N=non-dimmable D=dimmable K=photocell	y can be numbers from 27 to 65 27=2700K 30=3000K 40=4000K 50=5000K 65=6500K	z can be B, C, D, E, F, G, H, I A=15° B=30° C=45° D=60° E=90° F=120° G=30x90° H=T2VS(25x75°) I=T3VS(30x130°)	p can be A, I, S A=MOSO I=Inventronics S=SOSEN

Wiring Diagram

Turn off the power, connect AC wire
Dimmer connection (with dimmable driver)
1. Compatible with 0-10V dimming
2. Connect wires as below, Purple wire is DIM+, Pink wire is DIM-.





Packing Information

Model	Net Weight	Gross Weight	Package Dimension (LxWxH)
FL04-D1	4.85 kg	5.45 kg	495*360*120mm
FL04-D2	6.30 kg	7.04 kg	560*410*120mm
FL04-D3	8.16 kg	9.12 kg	610*465*130mm
FL04-D4	13.05 kg	14.50 kg	735*540*135mm
FL04-D5	19.35 kg	22.23 kg	865*645*140mm

Applications

- Public Square
- Parking Lot
- Airport
- Railway
- Port
- Shipping Yard
- Sporting Facility
- Container Loading Area

