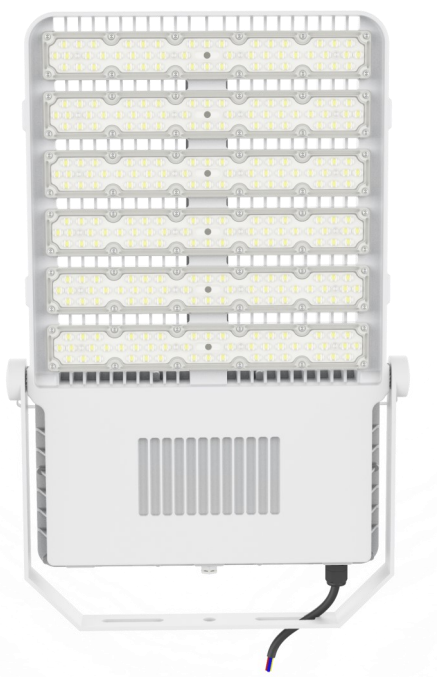


# FLP Flood Light Datasheet



## Key Features

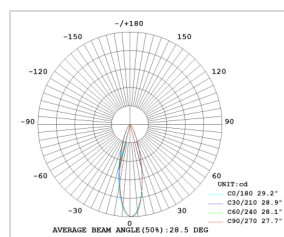
- ⇒ **Efficacy:** Up to 150 lm/w
- ⇒ **LED Chip:** SMD3030 | SMD2835
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 80°x150° | Type III PC lens
- ⇒ **Control:** DALI | DMX512 | 0-10V dimming
- ⇒ **IP Rated:** IP66
- ⇒ **Installation:** Bracket
- ⇒ **Certifications:** CE, RoHS
- ⇒ **Warranty:** 5 years

## Application

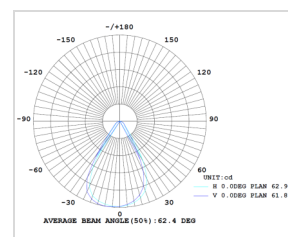
Sports venues; Plazas and parks; Construction sites;  
Building facades; Parking lots and storage areas;  
Ports and docks; Industrial plants; Emergency and disaster relief sites; Billboards and large signs; Airports (auxiliary lighting), etc.

## Photometry

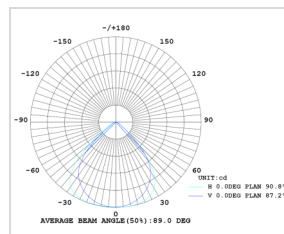
30° PC lens



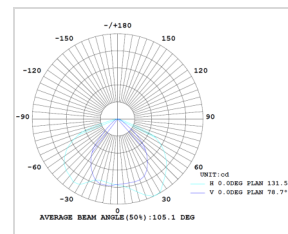
60° PC lens



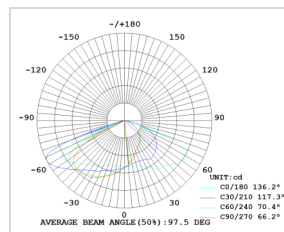
90° PC lens



80°x150° PC lens



Type III PC lens



# FLP Flood Light Datasheet

## Product Data

Model No.	KML-FL070P	KML-FL100P	KML-FL150P	KML-FL200P	KML-FL240P	KML-FL300P	KML-FL400P
Power	70W	100W	150W	200W	240W	300W	400W
Lumen Output	10,500 lm	15,000 lm	22,500 lm	30,000 lm	31,200 lm	45,000 lm	60,000 lm
PC Lens	30° 60° 90° 80°x150° Type III					60° 90° 80°x150° Type III	
Luminous Efficacy	150 lm/w (120 lm/w when 30° PC lens)						
CCT	3000K 4000K 5000K 5700K 6500K						
CRI	Ra≥70 (Ra≥80 optional)						
Input Voltage	100-277 VAC						
Housing Color	White   Black   Gray						
Housing Material	ADC12 Aluminum, PC						
Power Factor	PF≥0.90						
Efficiency In	≥90%						
Energy Efficiency Class	D						
Operating Temperature	-30°C to +55°C						
Operating Humidity	10% to 90% RH						
Design Lifespan	100,000 hours						
Warranty	5 years						

**Note: 1. The above parameters are all obtained at +25°C and there are 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!**

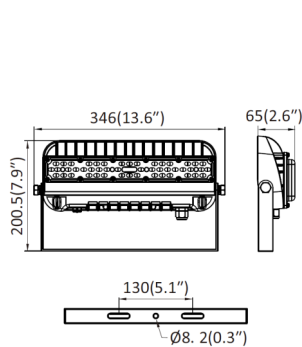
# FLP Flood Light Datasheet

## Packaging

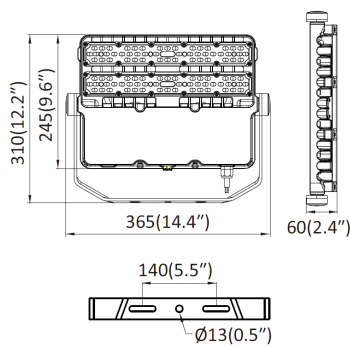
Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
KML-FL070P	1	2.1 kg	2.4 kg	2.0 kg	L380xW235xH100 mm $\approx 0.009 \text{ m}^3$	3,111 CTNS	7,555 CTNS
KML-FL100P	1	3.9 kg	4.7 kg	3.0 kg	L412xW362xH112 mm $\approx 0.017 \text{ m}^3$	1,647 CTNS	4,000 CTNS
KML-FL150P	1	4.5 kg	5.4 kg	4.0 kg	L417xW412xH112 mm $\approx 0.019 \text{ m}^3$	1,473 CTNS	3,578 CTNS
KML-FL200P	1	5.4 kg	6.0 kg	4.4 kg	L472xW412xH112 mm $\approx 0.022 \text{ m}^3$	1,272 CTNS	3,090 CTNS
KML-FL240P	1	5.6 kg	6.2 kg	4.4 kg	L472xW412xH112 mm $\approx 0.022 \text{ m}^3$	1,272 CTNS	3,090 CTNS
KML-FL300P	1	8.1 kg	9.0 kg	6.0 kg	L645xW405xH115 mm $\approx 0.030 \text{ m}^3$	933 CTNS	2,266 CTNS
KML-FL400P	1	8.3 kg	9.2 kg	6.0 kg	L645xW405xH115 mm $\approx 0.030 \text{ m}^3$	933 CTNS	2,266 CTNS

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

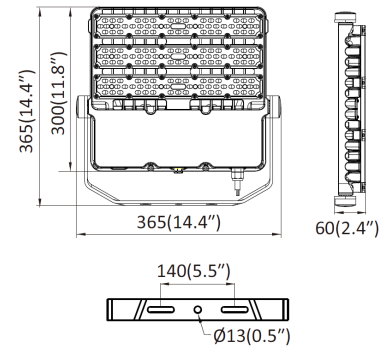
## Dimension (unit: mm/inch)



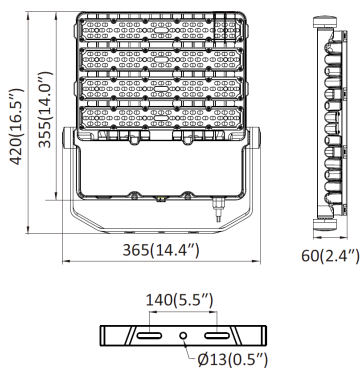
KML-FL070P



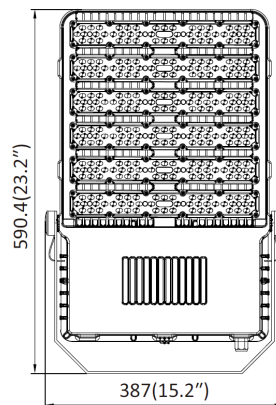
KML-FL100P



KML-FL150P



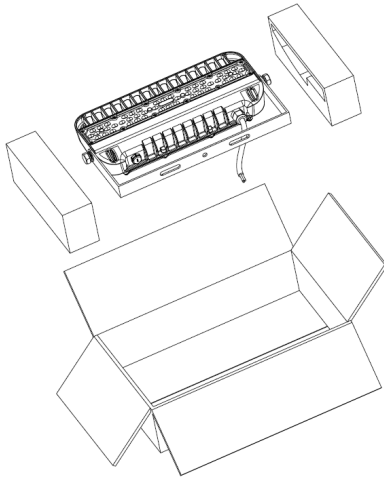
KML-FL200P | KML-FL240P



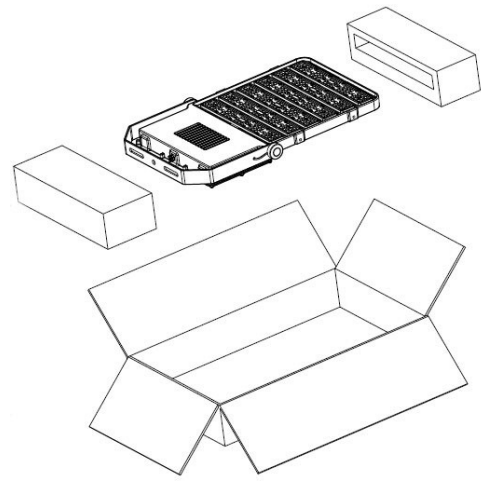
KML-FL300P | KML-FL400P

# FLP Flood Light Datasheet

## Packaging Images



70W



100W-400W