

# FLP Flood Light Datasheet



## Key Features

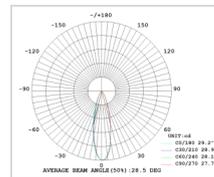
- ⇒ **Efficacy:** Up to 140 lm/w
- ⇒ **LED Chip:** SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 80°x150° | Type III PC lens
- ⇒ **IP Rated:** IP66
- ⇒ **Installation:** Bracket
- ⇒ **Certifications:** CE, RoHS
- ⇒ **Warranty:** 5 years

## Application

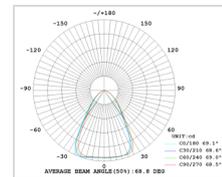
Shopping malls, exhibition halls, car parks, stadiums, stadiums, billboards, parks, sculpture, building facades and other indoor and outdoor lighting.

## Photometry

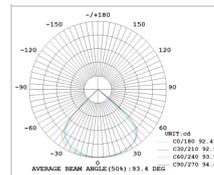
30° PC lens



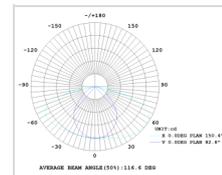
60° PC lens



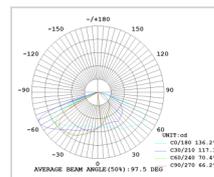
90° PC lens



80°x150° PC lens



Type 3 PC lens



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## 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	8,400 lm	14,000 lm	21,000 lm	28,000 lm	31,200 lm	42,000 lm	56,000 lm
PC Lens	30° 60° 90° 80°x150° Type III					60° 90° 80°x150° Type III	
Luminous Efficacy	140 lm/w (115 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						
Operating Temperature	-30°C to +55°C						
Operating Humidity	10% to 90% RH						
Lifespan	100,000 hours						
Warranty	5 years						

## ErP Technical Specification

Item	Specification/Data
Efficiency In	>90%
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

**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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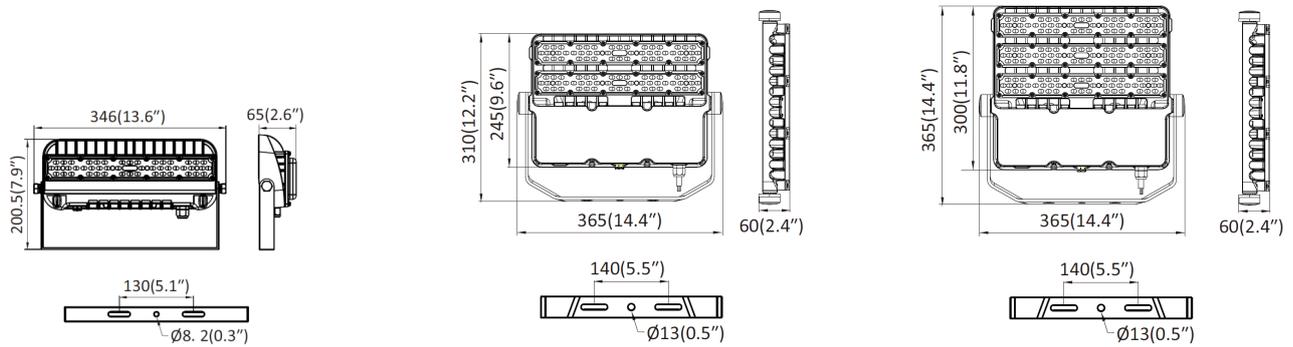
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## Packaging

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 ≈ 0.009 m <sup>3</sup>	3,111 CTNS	7,555 CTNS
KML-FL100P	1	3.9 kg	4.7 kg	3.0 kg	L412xW362xH112 mm ≈ 0.017 m <sup>3</sup>	1,647 CTNS	4,000 CTNS
KML-FL150P	1	4.5 kg	5.4 kg	4.0 kg	L417xW412xH112 mm ≈ 0.019 m <sup>3</sup>	1,473 CTNS	3,578 CTNS
KML-FL200P	1	5.4 kg	6.0 kg	4.4 kg	L472xW412xH112 mm ≈ 0.022 m <sup>3</sup>	1,272 CTNS	3,090 CTNS
KML-FL240P	1	5.6 kg	6.2 kg	4.4 kg	L472xW412xH112 mm ≈ 0.022 m <sup>3</sup>	1,272 CTNS	3,090 CTNS
KML-FL300P	1	8.1 kg	9.0 kg	6.0 kg	L645xW405xH115 mm ≈ 0.030 m <sup>3</sup>	933 CTNS	2,266 CTNS
KML-FL400P	1	8.3 kg	9.2 kg	6.0 kg	L645xW405xH115 mm ≈ 0.030 m <sup>3</sup>	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.

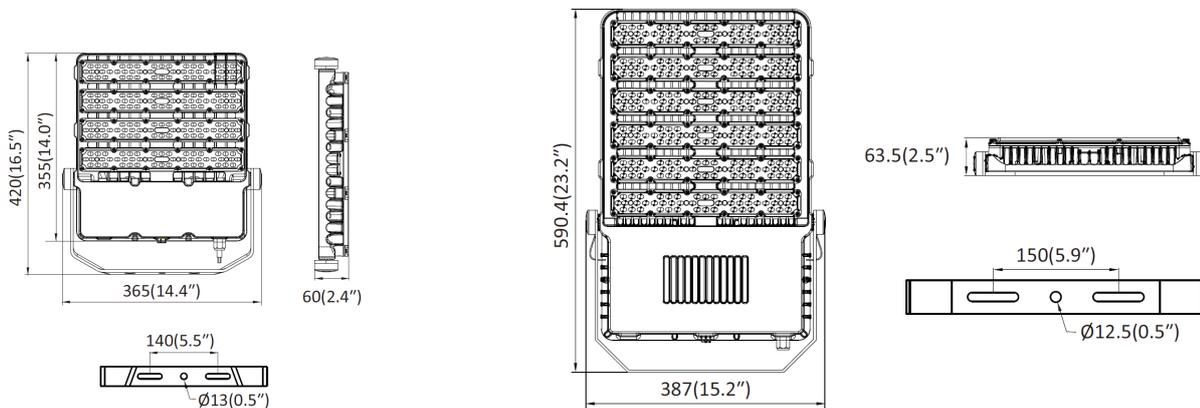
## Dimension (unit: mm/inch)



KML-FL070P

KML-FL100P

KML-FL150P



KML-FL200P/KML-FL240P

KML-FL300P/KML-FL400P

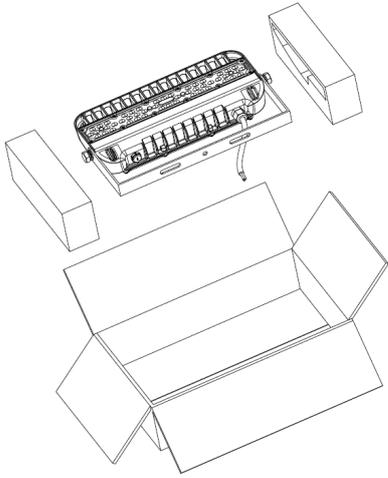


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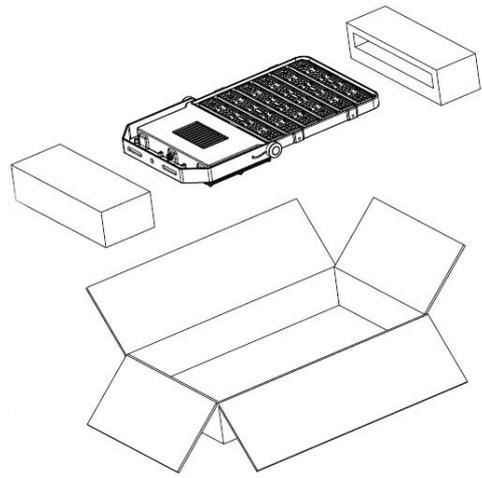
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## Packaging Images



70W



100W-400W