

FLA Flood Light Datasheet



Key Features

- ⇒ **Efficacy:** Up to 150 lm/w
- ⇒ **LED Chip:** SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30|60|90|120|Type III | Type IV | Type V | Asymmetric light
- ⇒ **Reflector:** Nano/Pure Reflector
- ⇒ **IP Rating:** IP65
- ⇒ **Installation:** Bracket
- ⇒ **Certifications:** SAA, CE, RoHS
- ⇒ **Warranty:** 5 years

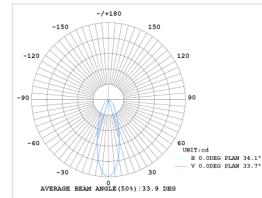


Application

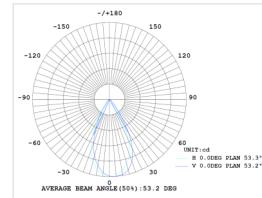
Sports venues; Plazas and parks; Construction sites; Building facades; Parking lots and storage areas; Ports and docks; Industrial plants; Emergency and disaster relief sites; Billboards and large signs; Airports (auxiliary lighting), etc.

Photometry

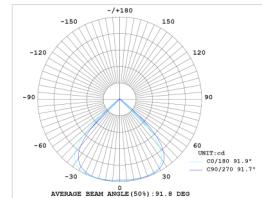
30° PC lens



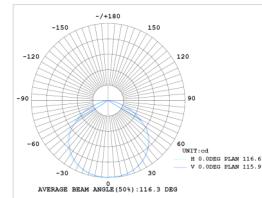
60° PC lens



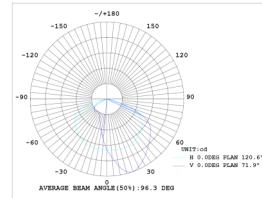
90° PC lens



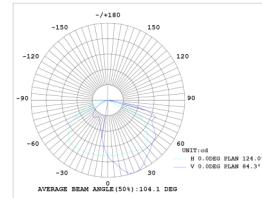
120° Reflector



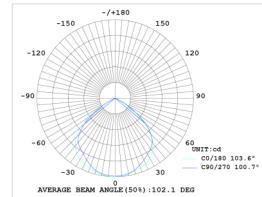
Type III PC lens



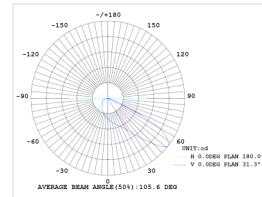
Type IV PC lens



Type V PC lens



Asymmetric PC lens



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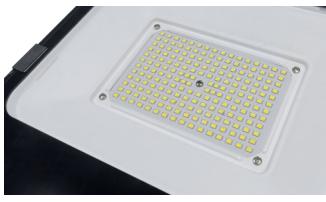
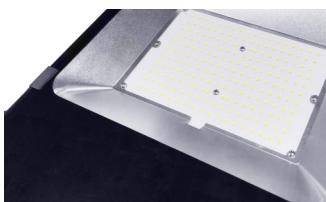
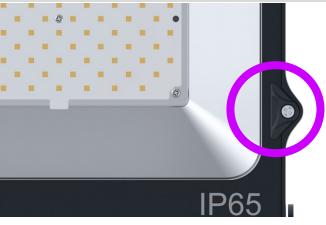
Product Data

Model No.	KML-FL050A	KML-FL080A	KML-FL100A	KML-FL150A	KML-FL200A	KML-FL240A	KML-FL300A	KML-FL400A
Power	50W	80W	100W	150W	200W	240W	300W	400W
Lumen Output	7,000 lm	12,000 lm	15,000 lm	22,500 lm	30,000 lm	36,000 lm	45,000 lm	60,000 lm
Luminous Efficacy	150 lm/w							
CCT	3000K 4000K 5000K 5700K 6500K							
CRI	Ra≥70 (Ra≥80 optional)							
Input Voltage	100-277 VAC; 50Hz 60Hz							
Housing Color	Black							
Housing Material	Aluminum, Glass, PC							
Power Factor	PF≥0.90							
Efficiency In	≥90%							
Energy Efficiency Class	D							
Operating Temperature	-30°C to +50°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!

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Optical Control Accessories

	Nano PC Reflector
	<i>120 degree beam angle</i>
	Aluminum Reflector
	<i>120 degree beam angle</i>
	Buckle fixed with screws
	<i>It is used in the following powers: 50W/80W/100W/150W/200W/240W</i>

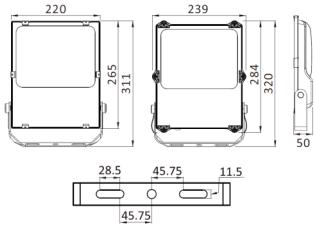
Packaging

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ(68m ³)
KML-FL050A	8	2.2 kg/pcs	22.0 kg	10.0 kg	L370xW270xH500 mm \approx 0.050 m ³	560 CTNS	1,360 CTNS
KML-FL080A	1	3.2 kg	3.6 kg	4.0 kg	L435xW340xH130 mm \approx 0.019 m ³	1,473 CTNS	3,578 CTNS
KML-FL100A	1	4.1 kg	4.6 kg	5.0 kg	L480xW390xH135 mm \approx 0.025 m ³	1,120 CTNS	2,720 CTNS
KML-FL150A	1	5.0 kg	5.6 kg	6.0 kg	L510xW435xH135 mm \approx 0.030 m ³	933 CTNS	2,266 CTNS
KML-FL200A	1	5.6 kg	6.3 kg	7.0 kg	L555xW460xH135 mm \approx 0.034 m ³	823 CTNS	2,000 CTNS
KML-FL240A	1	5.6 kg	6.3 kg	7.0 kg	L555xW460xH135 mm \approx 0.034 m ³	823 CTNS	2,000 CTNS
KML-FL300A	1	9.4 kg	10.7 kg	9.0 kg	L620xW515xH135 mm \approx 0.043 m ³	651 CTNS	1,581 CTNS
KML-FL400A	1	11.7 kg	13.3 kg	11.0 kg	L640xW615xH140 mm \approx 0.055 m ³	509 CTNS	1,236 CTNS

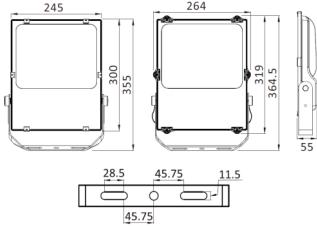
Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

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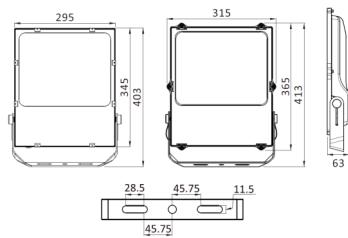
Dimension (unit: mm)



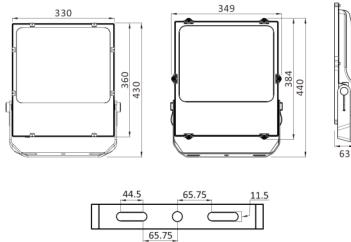
KML-FL050A



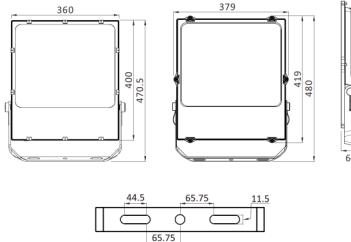
KML-FL080A



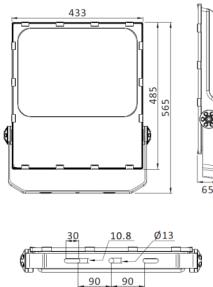
KML-FL100A



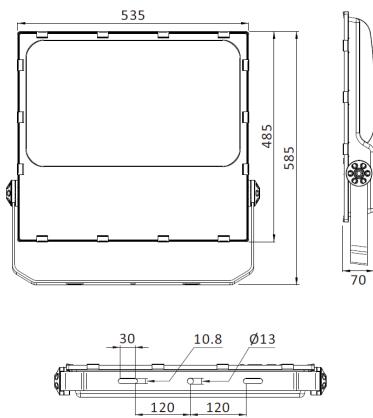
KML-FL150A



KML-FL200A|KML-FL240A



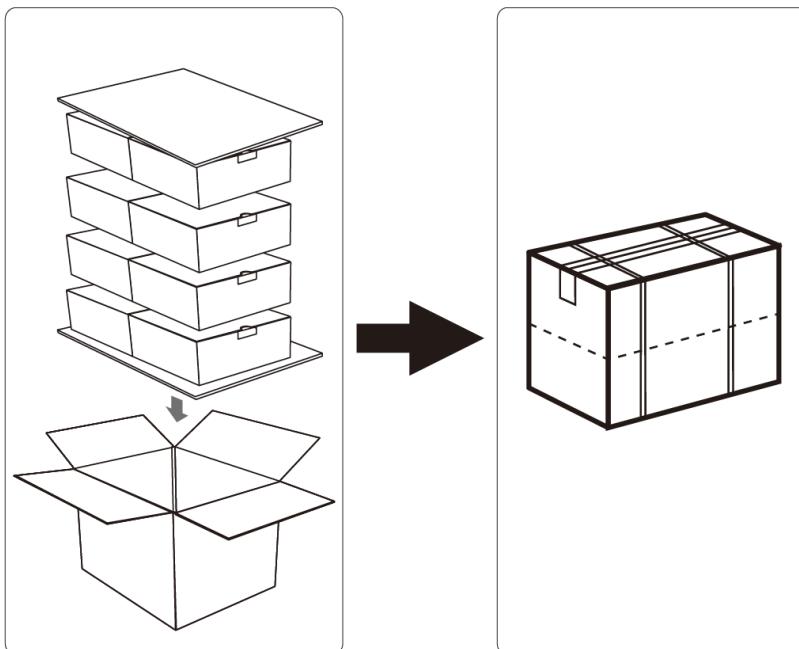
KML-FL300A



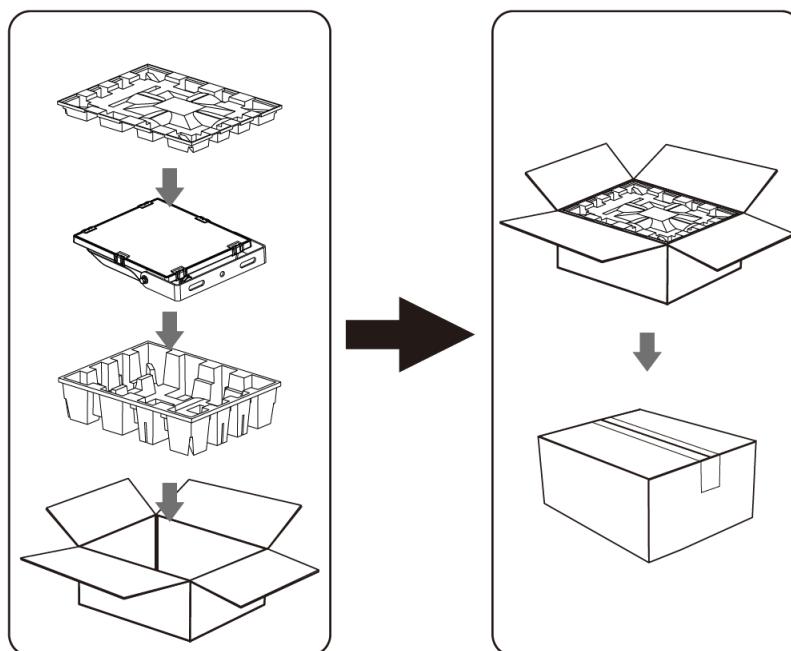
KML-FL400A

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Packaging Images



50W



80W to 400W