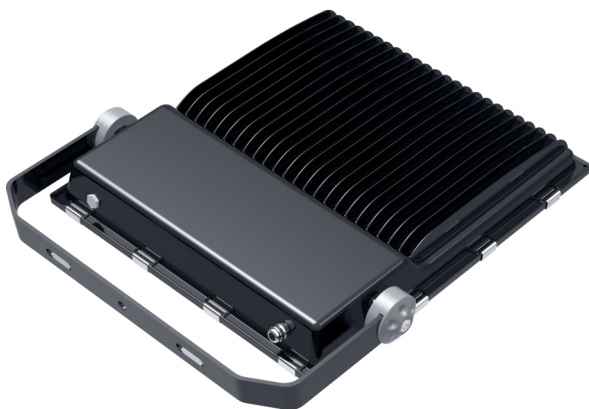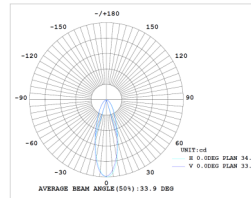# FLA Flood Light Datasheet

IP65

IP65

Key Features

⇒ **Efficacy:** Up to 140 lm/w

⇒ **LED Chip:** SMD3030

⇒ **SDCM:** <5

⇒ **Beam Angle:** 30|60|90|120|Type III | Type IV | Type V | 30x90(asymmetric light) PC lens.

⇒ **Reflector:** Nano/Pure Reflector

⇒ **IP Rating:** IP65

⇒ **Installation:** Bracket

⇒ **Certifications:** SAA, CE, RoHS

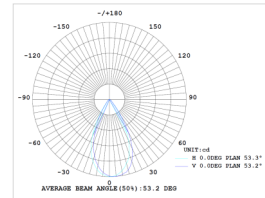⇒ **Warranty:** 5 years

Application

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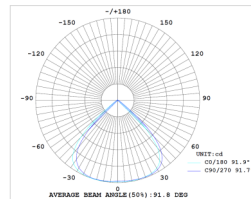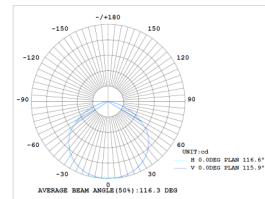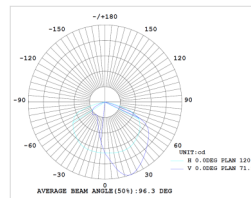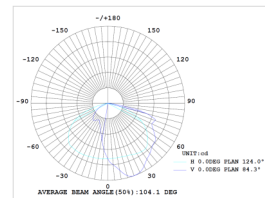
Photometry

30° PC lens

60° PC lens

90° PC lens

120° Reflector
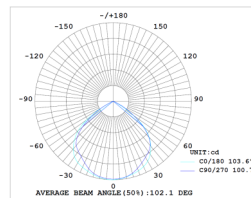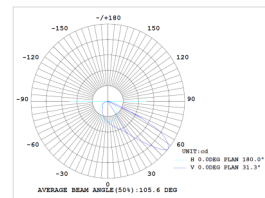

Type III PC lens

Type IV PC lens

Type V PC lens

30°x90° asymmetric PC lens

KML

www.kmlled.com
Add: Room 901, Building A, FuBiLun Industrial Park, ChaoYang Road, YanChuan Community, YanLuo Street, Bao'an, ShenZhen City, China.

FLA Flood Light Datasheet

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	11,200 lm	14,000 lm	21,000 lm	28,000 lm	33,600 lm	42,000 lm	56,000 lm
Luminous Efficacy	140 lm/w							
CCT	3000K|4000K|5000K|5700K|6500K							
CRI	Ra≥70 (Ra≥80 optional)							
Input Voltage	100-277 VAC | 220-240 VAC; 50Hz | 60Hz							
Housing Color	Black							
Housing Material	Aluminum, Glass, PC							
Operating Temperature	-30°C to +50°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!
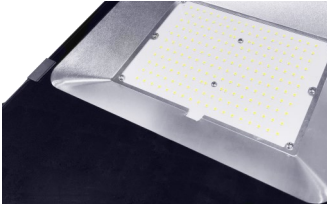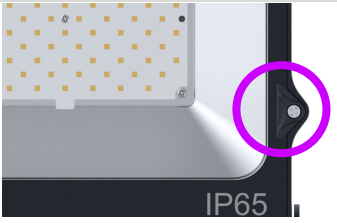
Optical Control Accessories

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

Packaging

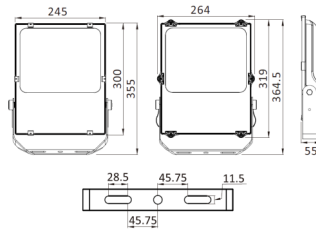| Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
KML-FL050A	8	2.2 kg/pcs	22.0 kg	10.0 kg	L370xW270xH500 mm ≈ 0.050 m³	560 CTNS	1,360 CTNS
KML-FL080A	1	3.2 kg	3.6 kg	4.0 kg	L435xW340xH130 mm ≈ 0.019 m³	1,473 CTNS	3,578 CTNS
KML-FL100A	1	4.1 kg	4.6 kg	5.0 kg	L480xW390xH135 mm ≈ 0.025 m³	1,120 CTNS	2,720 CTNS
KML-FL150A	1	5.0 kg	5.6 kg	6.0 kg	L510xW435xH135 mm ≈ 0.030 m³	933 CTNS	2,266 CTNS
KML-FL200A	1	5.6 kg	6.3 kg	7.0 kg	L555xW460xH135 mm ≈ 0.034 m³	823 CTNS	2,000 CTNS
KML-FL240A	1	5.6 kg	6.3 kg	7.0 kg	L555xW460xH135 mm ≈ 0.034 m³	823 CTNS	2,000 CTNS
KML-FL300A	1	9.4 kg	10.7 kg	9.0 kg	L620xW515xH135 mm ≈ 0.043 m³	651 CTNS	1,581 CTNS
KML-FL400A	1	11.7 kg	13.3 kg	11.0 kg	L640xW615xH140 mm ≈ 0.055 m³	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.
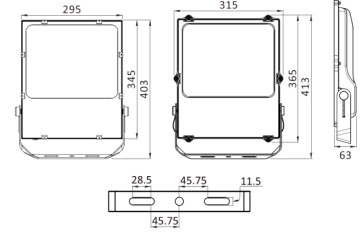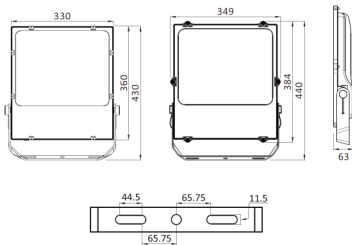
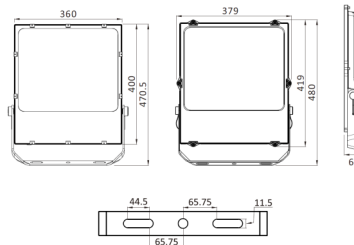# FLA Flood Light Datasheet

Dimension (unit: mm)
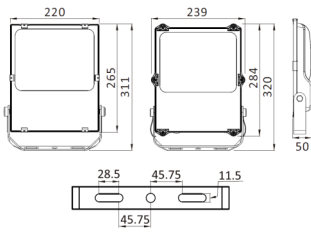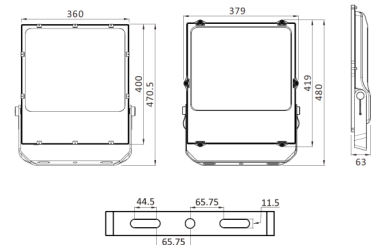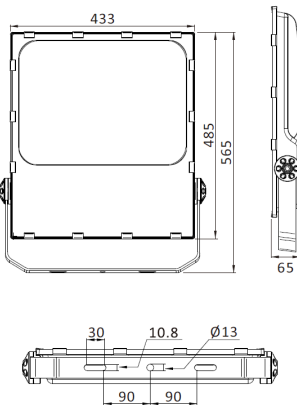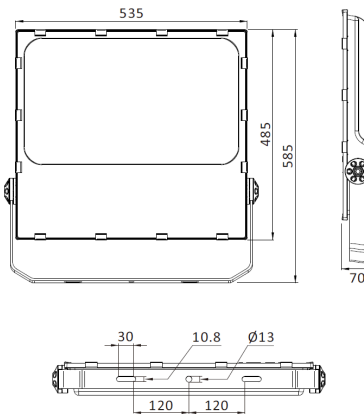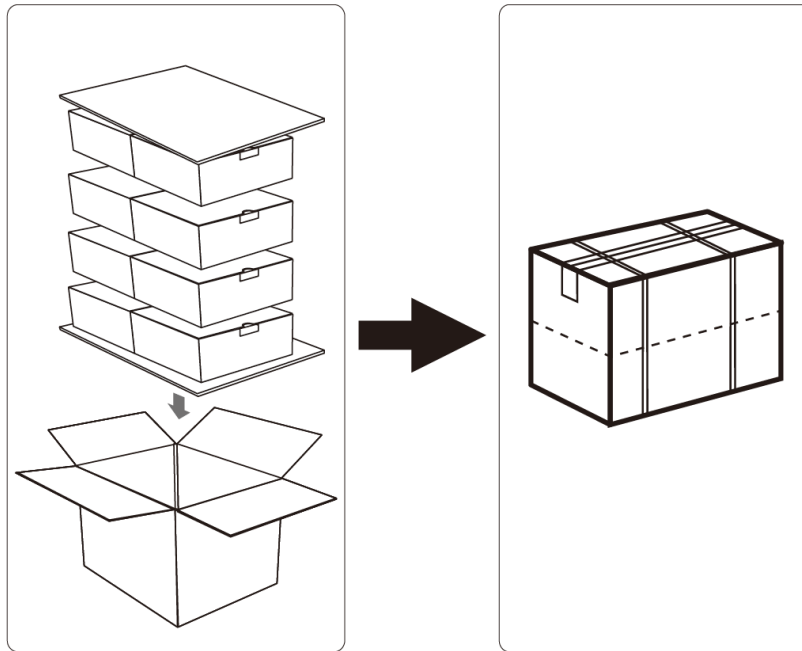

KML-FL050A
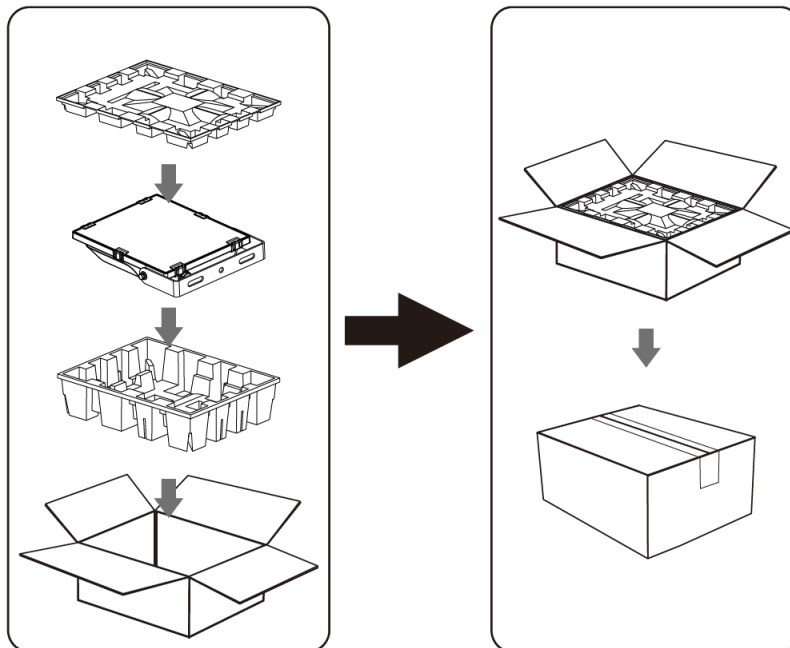

KML-FL080A

KML-FL100A

KML-FL150A

KML-FL200A

KML-FL240A

KML-FL300A

KML-FL400A

KML

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Packaging Images

50W

80W to 400W