FLG Stadium Light Datasheet

Key Features

Efficacy: Up to 160 lm/w

LED Chip: LUMILEDS

SDCM: <5

Beam Angle: 20°/40°/60° PC lens

IP Rating: IP65

Controls: 1-10V(optional)

Installation: U Type Bracket/Round Bracket/Pole
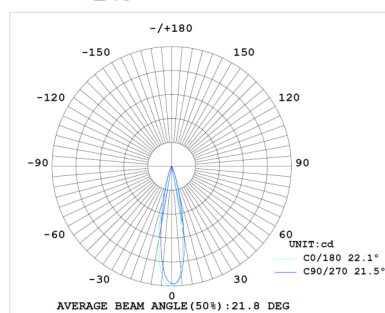
Certifications: CE, RoHS, SAA

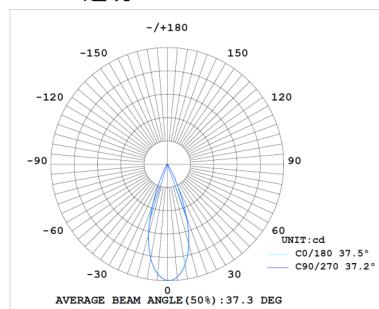**Warranty:** 7 years

Application

Large stadium, all kinds of large stadium, ships, squares, docks, airports, commercial sites, overpass, outdoor advertising, landmarks and other large panoramic lighting.
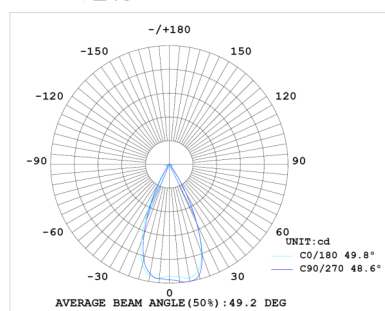
Photometry

20° PC透镜

UNIT:cd
C0/180 22.1°
C90/270 21.5°
AVERAGE BEAM ANGLE(50%):21.8 DEG

40° PC透镜

UNIT:cd
C0/180 37.5°
C90/270 37.2°
AVERAGE BEAM ANGLE(50%):37.3 DEG

60° PC透镜

UNIT:cd
C0/180 49.8°
C90/270 48.6°
AVERAGE BEAM ANGLE(50%):49.2 DEG

FLG Stadium Light Datasheet

Product Data

SKU	KML-FL200G	KML-FL240G	KML-FL400G	KML-FL500G	KML-FL600G	KML-FL700G	KML-FL800G	KML-FL1000G
Wattage	200W	240W	400W	500W	600W	700W	800W	1000W
Lumen Output	32,000 lm	38,400 lm	64,000 lm	80,000 lm	96,000 lm	112,000 lm	128,000 lm	160,000 lm
Luminous Efficacy	160 lm/w							
CCT	3000K/4000K/5000K/5700K/6500K							
CRI	Ra≥70 (Ra≥80 optional)							
Input Voltage	100-277 VAC / 220-240 VAC; 50/60 Hz							
Housing Color	Black & Silver							
Housing Material	Die-cast Aluminum, PC							
Operating Temperature	-40°C to +50°C							
Operating Humidity	10% to 90% RH							
Lifespan	100,000hours							
Warranty	7 years							

ErP Technical Specification

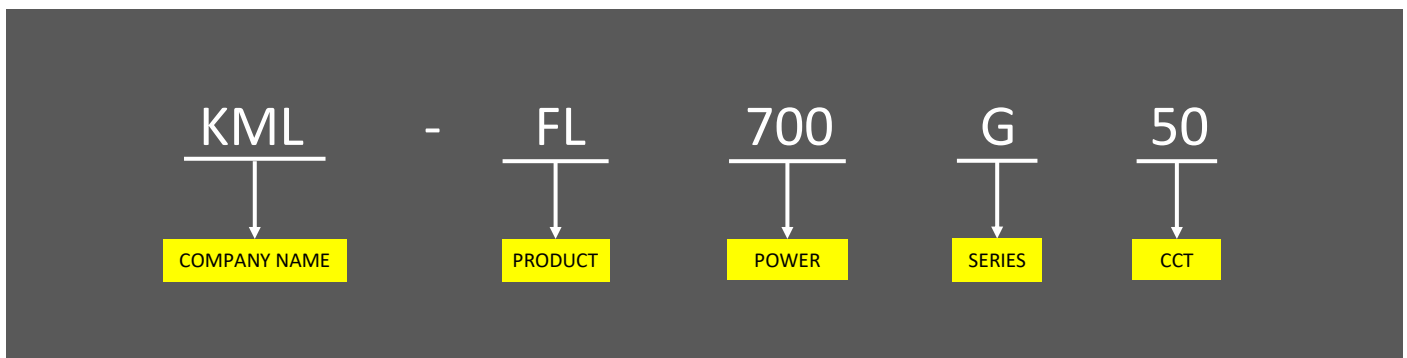| Item	Specification/Data
Efficiency In	>93%
Power Factor	PF>0.90
Energy Efficiency Class	D
Standard Deviation of Color Matching	<5
Starting Time	<0.2S
Warm-up Time to 60%	<0.5S
Lumen Maintenance at e.o.l.	>70%
Lifetime	L70/B10@100,000hours

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!

KML

FLG Stadium Light Datasheet

Mounting & Accessories (optional)

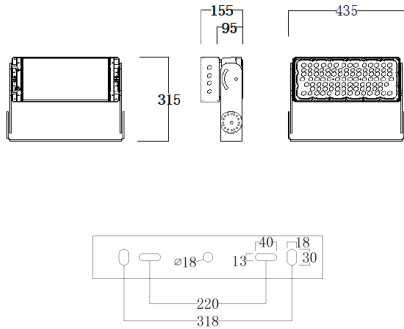|	
	Round Bracket SKU: FLG-YZ Black; Die-cast Aluminum
	U Type Bracket SKU: FLG-UZ Black; Steel
	Round Pole(Ø60mm) SKU: FLG-RP Black; Die-cast Aluminum

Ordering Information

KML	-	FL	700	G	50
COMPANY NAME		PRODUCT	POWER	SERIES	CCT

Packaging

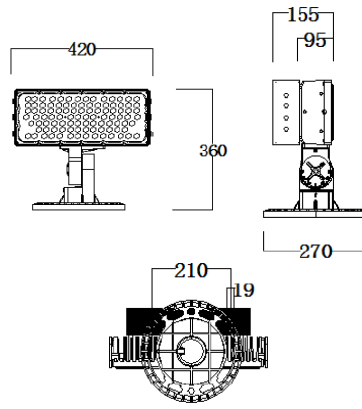| SKU	PCS/CTN	N.W	G.W	Volumetric Weight	CBM	20' GP	40' GP
KML-FL200G	1	9.0 kg	9.8 kg	10.0 kg	L440xW495xH230 mm ≈ 0.050 m³	560 CTNs	1360 CTNs
KML-FL240G	1	9.2 kg	10.0 kg	10.0 kg	L440xW495xH230 mm ≈ 0.050 m³	560 CTNs	1360 CTNs
KML-FL400G	1	14.2 kg	15.5 kg	14.0 kg	L620xW495xH230 mm ≈ 0.071 m³	394 CTNs	957 CTNs
KML-FL500G	1	14.5 kg	15.8 kg	14.0 kg	L620xW495xH230 mm ≈ 0.071 m³	394 CTNs	957 CTNs
KML-FL600G	1	21.0 kg	22.5 kg	18.0 kg	L800xW495xH230 mm ≈ 0.091 m³	307 CTNs	747 CTNs
KML-FL700G	1	21.3 kg	22.8 kg	18.0 kg	L800xW495xH230 mm ≈ 0.091 m³	307 CTNs	747 CTNs
KML-FL800G	1	28.0 kg	30.0 kg	22.3 kg	L980xW495xH230 mm ≈ 0.112 m³	250 CTNs	607 CTNs
KML-FL1000G	1	29.0 kg	31.0 kg	22.3 kg	L980xW495xH230 mm ≈ 0.112 m³	250 CTNs	607 CTNs

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

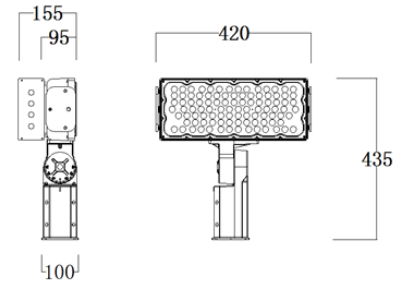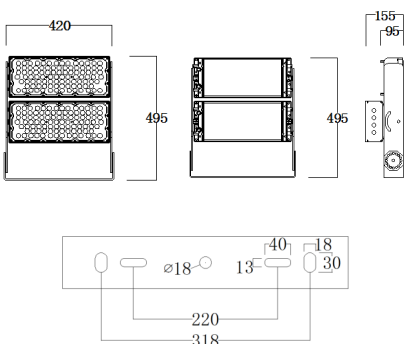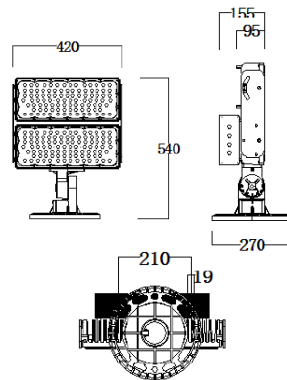## Dimension (unit: mm)

KML-FL200G/KML-FL240G (U Type Bracket)

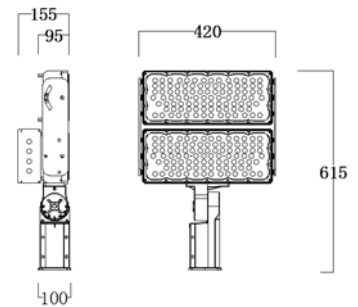KML-FL200G/KML-FL240G (Round Bracket)
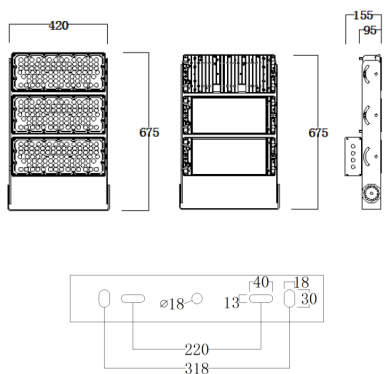
KML-FL200G/KML-FL240G (Round Pole)
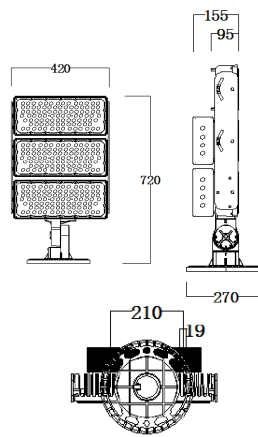
KML-FL400G/KML-FL500G (U Type Bracket)

KML-FL400G/KML-FL500G (Round Bracket)
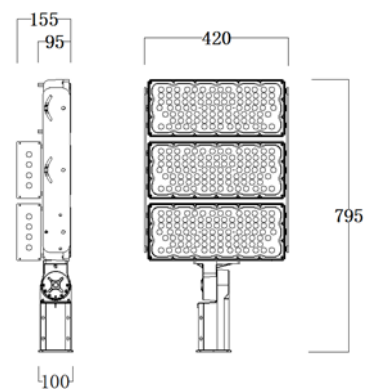
KML-FL400G/KML-FL500G (Round Pole)
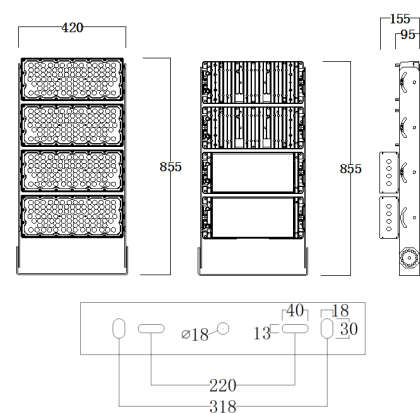
KML-FL600G/KML-FL700G (U Type Bracket)
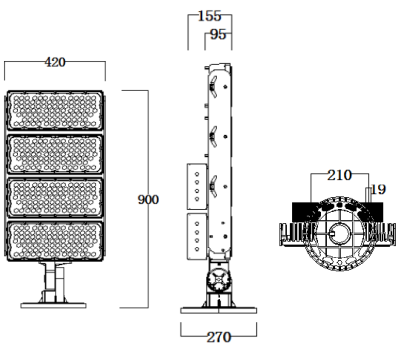
KML-FL600G/KML-FL700G (Round Bracket)
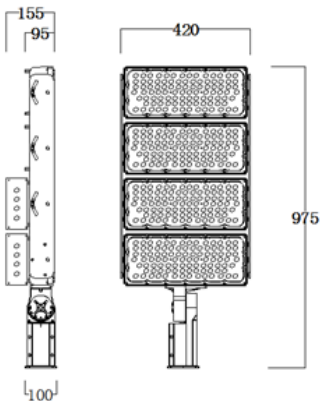
KML-FL600G/KML-FL700G (Round Pole)

Dimension (unit: mm)

KML-FL800G/KML-FL1000G (U Type Bracket)

KML-FL800G/KML-FL1000G (Round Bracket)

KML-FL800G/KML-FL1000G (Round Pole)