# FLL Stadium Light Datasheet

## Key Features

⇒ **Efficacy:** Up to 160 lm/w

⇒ **LED Chip:** SMD5050

⇒ **SDCM:** <5

⇒ **Beam Angle:** 20°|40°|60°|90°|140°x100° PC lens

⇒ **IP Rated:** IP65

⇒ **Installation:** Bracket

⇒ **Certifications:** CE, RoHS
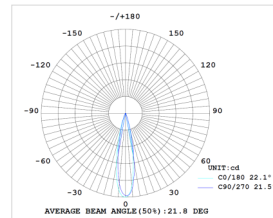
⇒ **Warranty:** 7 years

## Application

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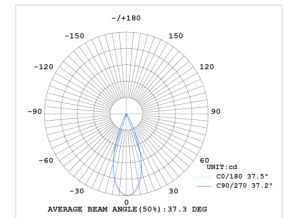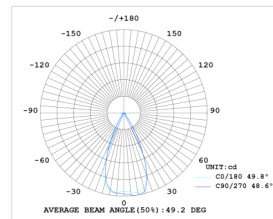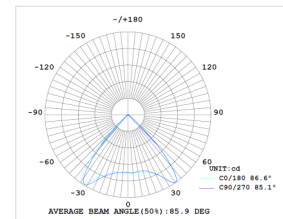
## Photometry

### 20° PC lens



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

### 40° PC lens



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

### 60° PC lens



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

### 90° PC lens



UNIT:cd
C0/180 86.6°
C90/270 85.1°
AVERAGE BEAM ANGLE(50%):85.9 DEG

### 140°x100° PC lens



UNIT:cd
C0/180 84.9°
C90/270 150.6°
AVERAGE BEAM ANGLE(50%):117.8 DEG
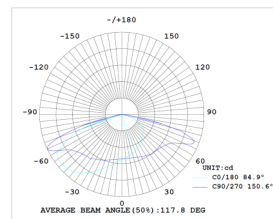
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## Product Data

| Model No. | KML-FL720L | KML-FL960L | KML-FL1200L | KML-FL1500L |
|---|---|---|---|---|
| Power | 720W | 960W | 1200W | 1500W |
| Lumen Output | 115,200 lm | 153,600 lm | 192,000 lm | 240,000 lm |
| Luminous Efficacy | 160 lm/w | | | |
| CCT | 3000K\|4000K\|5000K\|5700K\|6500K | | | |
| CRI | Ra≥70 (Ra≥80 optional) | | | |
| Input Voltage | 100-277 VAC | | | |
| Housing Color | Black & Silver | | | |
| Housing Material | Die-cast Aluminum, PC lens | | | |
| Operating Temperature | -30°C to +50°C | | | |
| Operating Humidity | 10% to 90% RH | | | |
| Lifespan | 100,000 hours | | | |
| Warranty | 7 years | | | |

## ErP Technical Specification

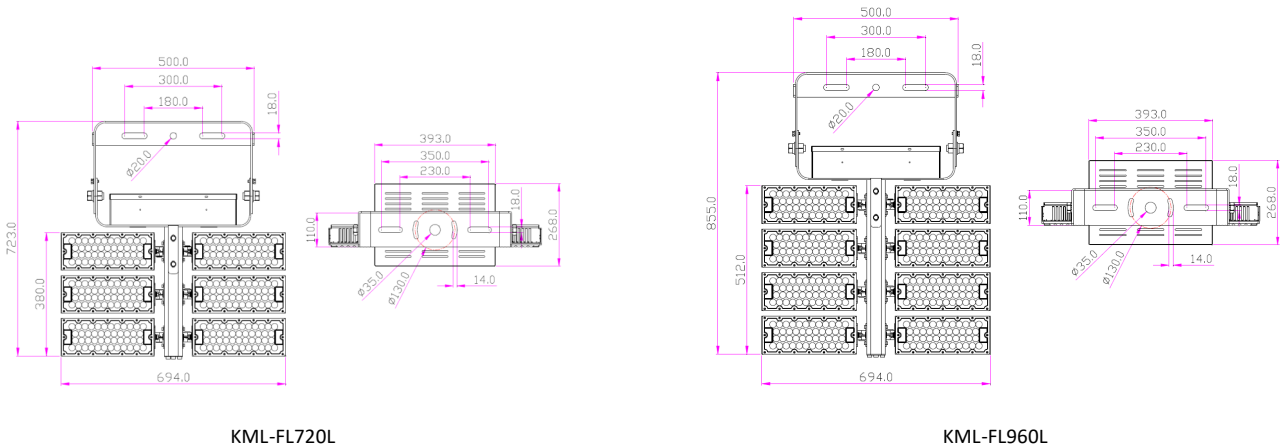| Item | Specification/Data |
|---|---|
| Efficiency In | >90% |
| Power Factor | PF>0.90 |
| Energy Efficiency Class | D |
| Standard Deviation of Color Matching | <5 |
| Starting Time | <0.2S |
| Warm-up Time to 60% | <0.5S |
| Lumen Maintenance at e.o.l. | >70% |
| Lifetime | L70/B10@100,000hours |

# FLL Stadium Light Datasheet

## Packaging

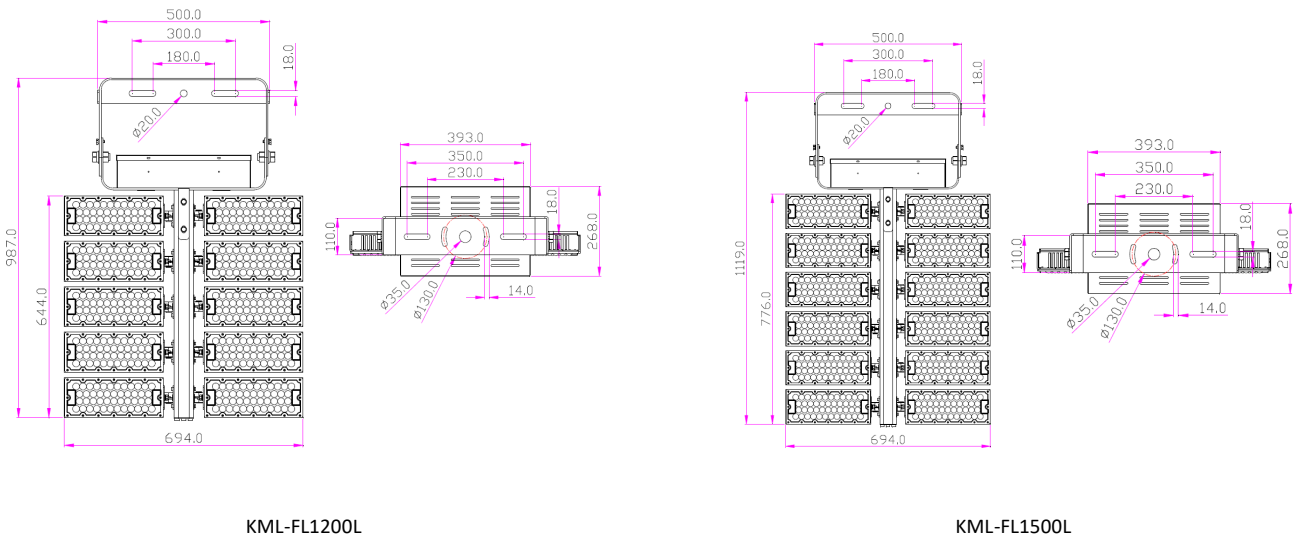| Model No. | PCS/CTN | N.W | G.W | Volumetric Weight | Carton Size and Volume | 20GP(28m³) | 40HC/HQ (68m³) |
|---|---|---|---|---|---|---|---|
| KML-FL720L | 1PCS | 26.0 kg | 28.0 kg | 53.0 kg | L862xW467xH657 mm ≈ 0.264 m³ | 106 CTNS | 257 CTNS |
| KML-FL960L | 1PCS | 28.0 kg | 30.5 kg | 63.5 kg | L862xW467xH789 mm ≈ 0.318 m³ | 88 CTNS | 213 CTNS |
| KML-FL1200L | 1PCS | 34.0 kg | 37.0 kg | 74.2 kg | L862xW467xH921 mm ≈ 0.371 m³ | 75 CTNS | 183 CTNS |
| KML-FL1500L | 1PCS | 38.0 kg | 41.5 kg | 85.0 kg | L862xW467xH1053 mm ≈ 0.424 m³ | 66 CTNS | 160 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-FL720L



KML-FL960L



KML-FL1200L



KML-FL1500L

## Packaging Image

Carton card

EPE Foam

EPE Foam

Heatsink

EPE Foam

Carton card

Carton card

Carton

1PCS/CTN