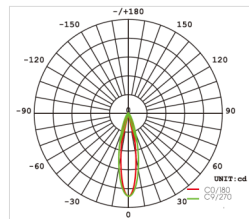# FL18 Flood Light Datasheet

Key Features

⇒ **Efficacy:** Up to 160 lm/w

⇒ **LED Chip:** SMD3030

⇒ **SDCM:** <5

⇒ **Beam Angle:** 15°|25°|55°|90°|120°|Type II| Type III | Type IV

⇒ **Control:** DALI|DMX512|0-10V dimming

⇒ **IP Rating:** IP65

⇒ **Installation:** Bracket
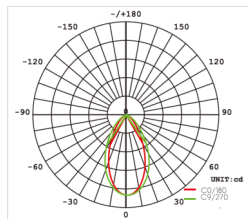
⇒ **Warranty:** 5 years

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.
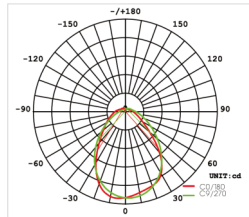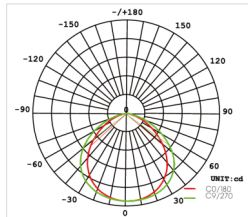
Photometry
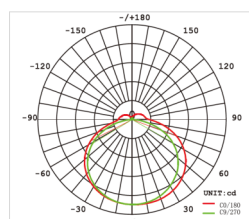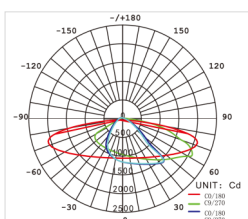
15°(PC lens)

25°(PC lens)

55°(PC lens)

90°(PC lens)

120°(PC lens)

Type II (PC lens)

Type III (PC lens)

Type IV (PC lens)

KML
LED Professional Lighting Solutions Provider

Product Data

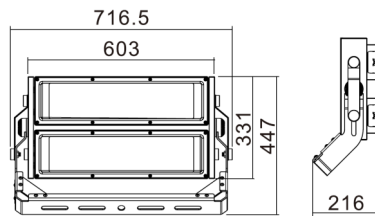| Model No.	KML-FL18-300	KML-FL18-600	KML-FL18-900	KML-FL18-1200	KML-FL18-1500	KML-FL18-1800
Power	300W	600W	900W	1200W	1500W	1800W
Lumen Output	48,000 lm	96,000 lm	144,000 lm	192,000 lm	240,000 lm	288,000 lm
Luminous Efficacy	160 lm/w					
CCT	3000K | 4000K | 5000K | 5700K | 6500K					
CRI	Ra≥70 (Ra≥80 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					
IP Rating	IP65					
Operating temperature	-30°C to +50°C					
Operating humidity	10% to 90% RH					
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.
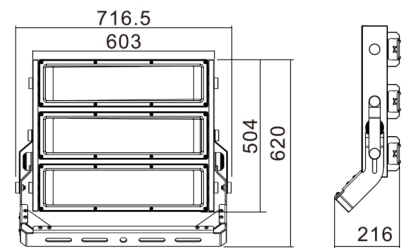**2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!**
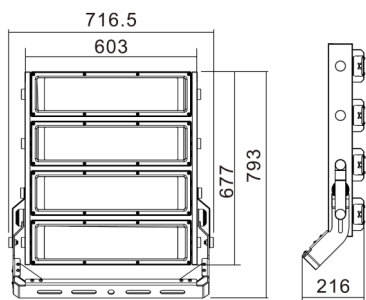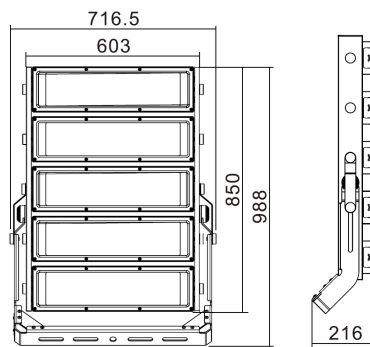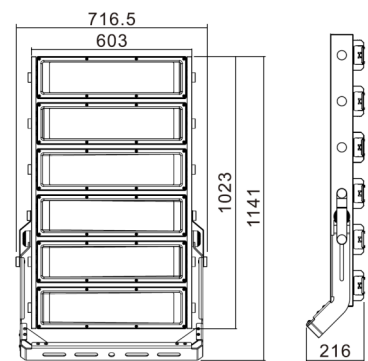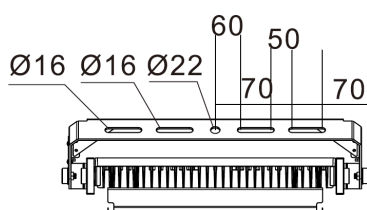
Dimension (unit: mm)

KML-FL18-300

KML-FL18-600

KML-FL18-900

KML-FL18-1200

KML-FL18-1500

KML-FL18-1800

Bracket