

FG SERIES LED Flood Light

5 YEAR
WARRANTY



Product Benefits

- Up to 100,000hrs @ L70, low maintenance cost
- World class, approbated quality components (LEDs /Driver /etc.)
- Modular design for easy maintenance and replacement
- Wide choice of optics to suit more applications (asymmetrical and symmetrical)
- Maximum power up to 1800W, maximum luminous flux up to 252,000lm
- 5 years warranty

Product Features

- Luminaire efficacy: Up to 140 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK08
- Type of protection: IP66



Product Datasheet

Model No	MK-FG-600	MK-FG-1200	MK-FG-1800
Nominal Wattage	600W	1200W	1800W
Efficiency	140 lm /w	140 lm /w	140 lm /w
Lumen	84000 lm	168000 lm	252000 lm
Fixture Dimension (mm)	718x222x350	730x290x604	732x290x839
Fixture Weight (kg)	16.0	29.0	41.0
Packing Type	1 unit /ctn	1 unit /ctn	1 unit /ctn
Packing Dimension (mm)	760x260x380	770x330x640	770x330x880
Packing Weight (kg)	18.0	33.0	45.0

*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

*Luminous Efficacy of Asymmetrical is 5% lower than other Light Distributions.

*Values shown are subject to ±5% tolerance.

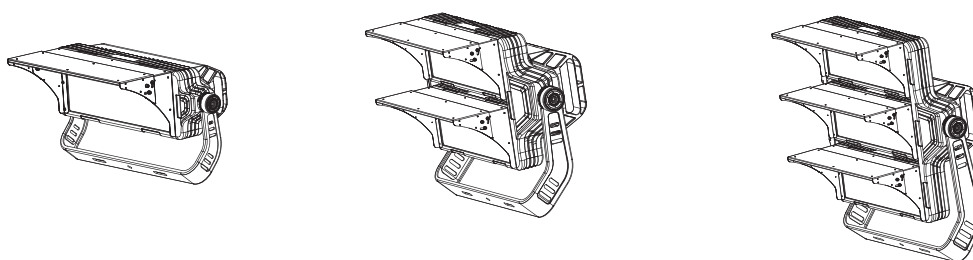
Electrical Data:

Nominal Voltage	AC 100-240V /277V 50 /60Hz
LED	Philips Lumileds/Bridgelux
Driver	Meanwell /SOSEN
Power Factor (PF)	>0.95
THD	<15
SPD	10KV (Build-in Driver) /Extra 10KV SPD (Available on request)
Optics	10°, 25°, 45° or Asymmetrical
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) /Ra>80
CCT	3000K, 4000K, 5000K, 5700K

General Data

Body Material	High pressure die-cast aluminum
Housing Color	Black (Default) / Other color (available on request)
Cover Material	Tempered glass
Lens Material	UV-resistant Polycarbonate
Working Environment	-40°C ~ +50°C, 10% ~90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Bracket mounted
Mounting Location	Wall /Pole /Floor /Ceiling
Dimming options	1-10V Dimming/Timer Dimming/DALI Dimming
Protection Class	Class I (Default) /Class II
Standards	CE, RoHS, LM80, TM-21, IP66, IK08
Available on request	Photocell, Motion sensor, NTC, OLC, laser pen

Spill Shield

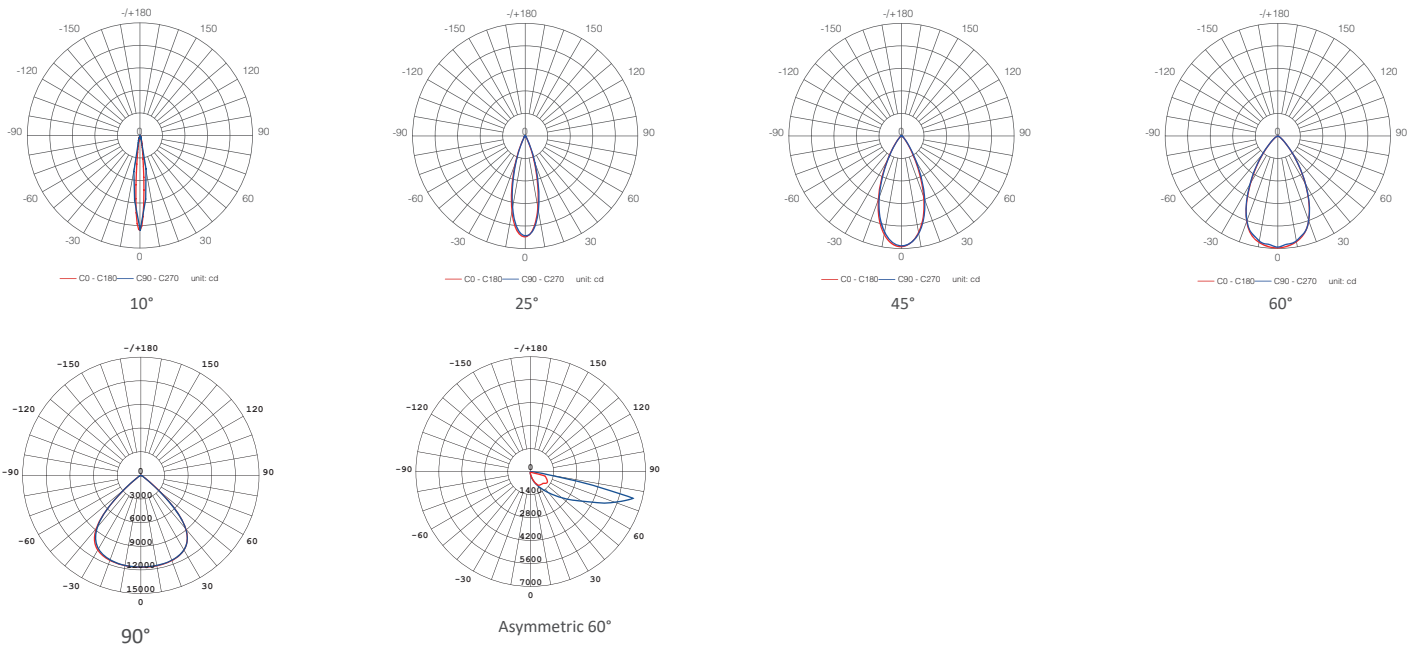


Product Datasheet

Structure Drawing:



Light Distributions



Packing

