

# FE 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 1200W, maximum luminous flux up to 200,000lm
- 5 years warranty

## Product Features

- Luminaire efficacy: Up to 160 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK10
- Type of protection: IP66



## Product Datasheet

Model No	MK-FE-200	MK-FE-400	MK-FE-600	MK-FE-800	MK-FE-1000	MK-FE-1200
Nominal Wattage	200W	400W	600W	800W	1000W	1200W
3030 Version	Efficiency Lumen	145 lm /w 29000 lm	145 lm /w 58000 lm	145 lm /w 87000 lm	145 lm /w 116000 lm	145 lm /w 174000 lm
5050 Version	Efficiency Lumen	160 lm /w 32000 lm	160 lm /w 64000 lm	160 lm /w 96000 lm	160 lm /w 128000 lm	160 lm /w 192000 lm
Fixture Dimension (mm)	150x490x140	315x490x155	428x490x155	555x490x155	668x490x155	770x490x155
Fixture Weight (kg)	4.5	8.5	12.5	16.0	20.5	25.5
Packing Type	1unit /ctn	1unit /ctn	1unit /ctn	1unit /ctn	1unit /ctn	1unit /ctn
Packing Dimension (mm)	510x180x170	510x350x180	510x460x180	510x580x180	510x700x180	550x800x180
Packing Weight (kg)	5.5	9.5	13.5	17.5	23.3	28.6

\*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.

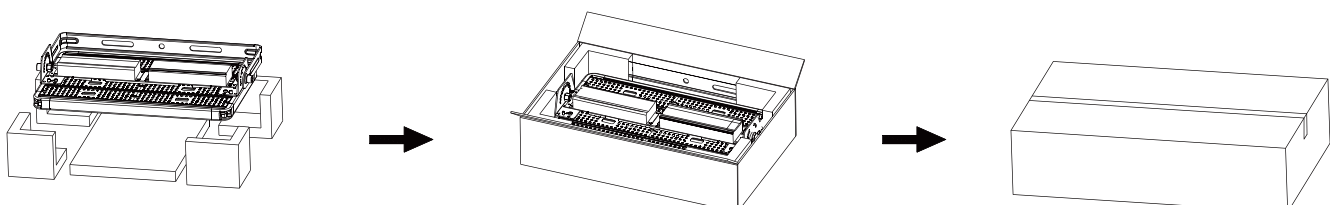
## Electrical Data:

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	30°, 45°, 60°, 90° or Asymmetrical
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) /Ra>80
CCT	3000K, 4000K, 5000K, 5700K

## General Data

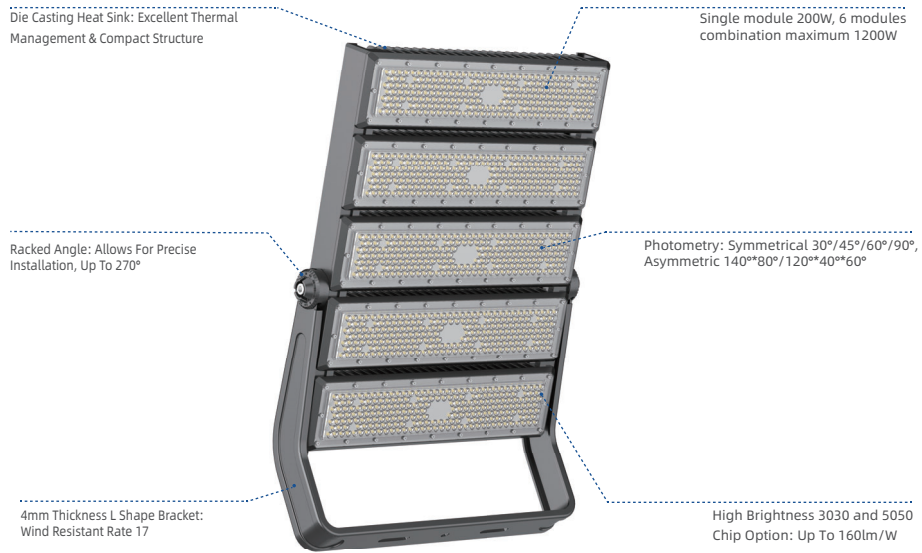
Body Material	High pressure die-cast aluminum
Housing Color	Black (Default) / Other color (available on request)
Bracket Material	Galvanized bracket with corrosion resistant treatment
Lens Material	UV-resistant Polycarbonate
Working Environment	-40°C ~ +50°C, 10% ~90%RH
Lifespan L70 at 25 °C	>100, 000 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, IK10
Available on request	Photocell, Motion sensor, NTC, OLC, laser pen

## Packing

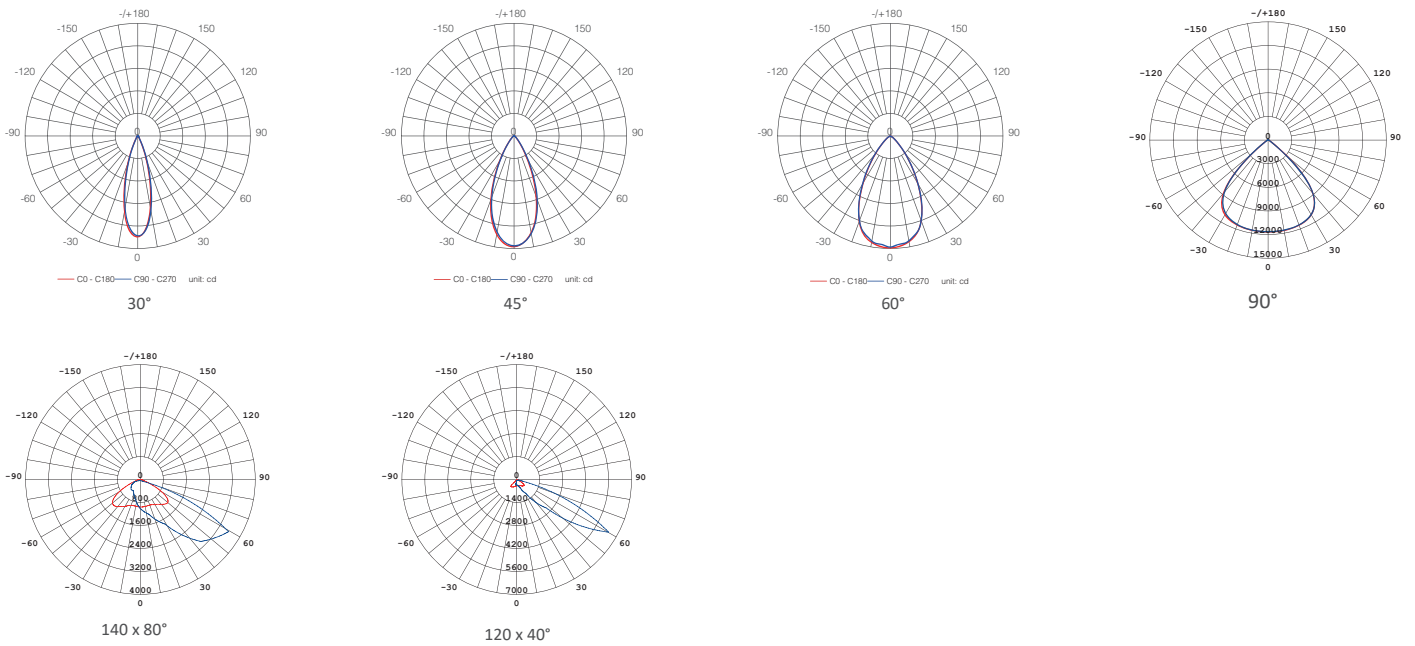


Product Datasheet

Structure Drawing:



Light Distributions



Installation

