

FB SERIES LED Flood Light

5 YEAR
WARRANTY



Areas of application

- Recreational sports
- Billboard lighting
- Accent lighting
- Parking lots
- Roundabout
- Outdoor sports

Product Benefits

- Up to 100,000hrs @ L70, low maintenance cost
- World class, approbated quality components (LEDs /Driver /etc.)
- Equip with vent to avoid internal fogging and frosting
- Wide choice of optics to suit more applications (asymmetrical and symmetrical)
- Buckle design makes it very easy for further maintenance
- 5 years warranty

Product Features

- Luminaire efficacy: Up to 170 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK10
- Type of protection: IP66



Product Datasheet

Version 1

Model No	MK-FB1-30	MK-FB1-30+	MK-FB1-40	MK-FB1-50	
Nominal Wattage	30W	30W	40W	50W	
3030 Version	Efficiency Lumen	140 lm /w 4200 lm	155 lm /w 4650 lm	150 lm /w 6000 lm	140 lm /w 7000 lm

Version 2

Model No	MK-FB2-60	MK-FB2-60+	ZMK-FB2-80	MK-FB2-80+	MK-FB2-100	MK-FB2-120	
Nominal Wattage	60W	60W	80W	80W	100W	120W	
3030 Version	Efficiency Lumen	150 lm /w 9000 lm	165 lm /w 9900 lm	145 lm /w 11600 lm	160 lm /w 12800 lm	145 lm /w 14500 lm	145 lm /w 17400 lm
5050 Version	Efficiency Lumen	160 lm /w 9600 lm	170 lm /w 10200 lm	155 lm /w 12400 lm	165 lm /w 13200 lm	155 lm /w 15500 lm	155 lm /w 18600 lm

Version 3

Model No	MK-FB3-150	MK-FB3-150+	MK-FB3-180	MK-FB3-180+	MK-FB3-200	MK-FB3-240	
Nominal Wattage	150W	150W	180W	180W	200W	240W	
3030 Version	Efficiency Lumen	145 lm /w 21750 lm	160 lm /w 24000 lm	150 lm /w 27000 lm	155 lm /w 27900 lm	145lm /w 29000 lm	140 lm /w 33600 lm
5050 Version	Efficiency Lumen	155 lm /w 23250 lm	165 lm /w 24750 lm	160 lm /w 28800 lm	165 lm /w 29700 lm	155 lm /w 31000 lm	150 lm /w 36000 lm

*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
Driver	Inventronics (Default) /Other brands on request
Power Factor (PF)	>0.95
THD	<15
SPD	10KV (Build-in Driver) /Extra 10KV SPD (Available on request)
Optics	25°, 60°, 90°, 120° or Asymmetrical
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) /Ra>80
CCT	3000K, 4000K, 5000K, 5700K

General Data

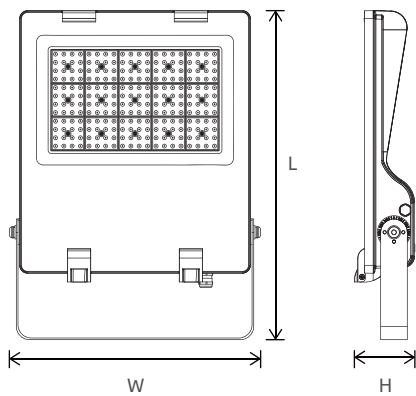
Body Material	High pressure die-cast aluminum
Housing Color	Gray (Default) /Black (available on request)
Cover Material	Tempered glass
Lens Material	UV-resistant Polycarbonate
Working Environment	-40°C ~ +50°C, 10%~90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Bracket mounted
Mounting Location	Wall /Pole /Floor /Ceiling
Dimmable	1-10V Dimming (Default) /Timer Dimming
Protection Class	Class I (Default) /Class II
Standards	CE, RoHS, ENEC, CB, LM79, LM80, TM-21, IP66, IK10
Available on request	Photocell, Motion sensor, NTC, OLC, Solar Compatible, DALI Dimming

Product Datasheet

Structure Drawing:



Dimension:

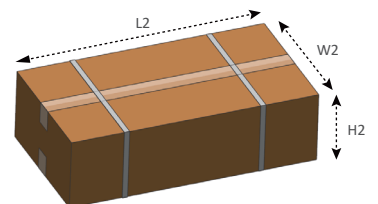
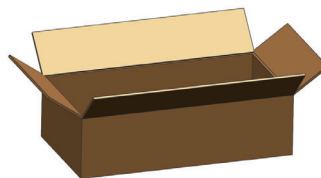


Fixture Information

Version	L1 xW1 xH1	Weight
1	345 x226 x81mm	2.3kg
2	447 x321 x90mm	4.4kg
3	495 x378 x90mm	6.0kg

Package Information

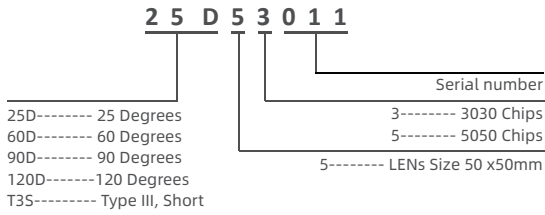
Version	L2 xW2 xH2	Weight
1	350 x295 x145mm	2.9kg
2	425 x385 x140mm	4.9kg
3	470 x445 x145mm	6.7kg



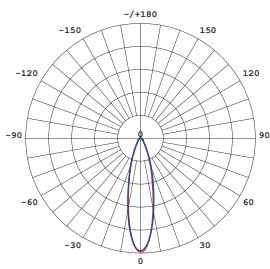
Product Datasheet

Light Distributions

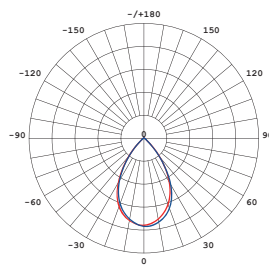
Order reference



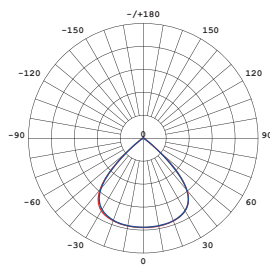
3030 Version



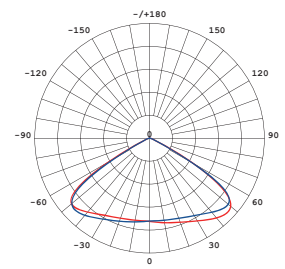
25D53011



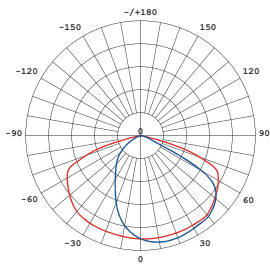
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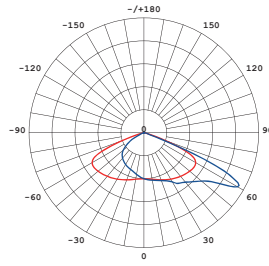
90D53013



120D53014

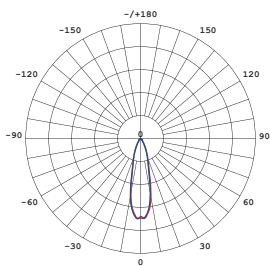


T3S53002

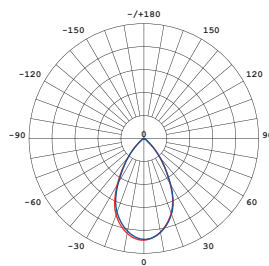


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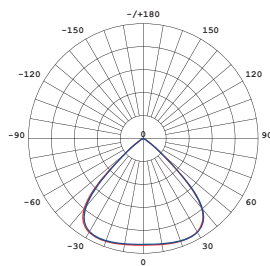
5050 Version



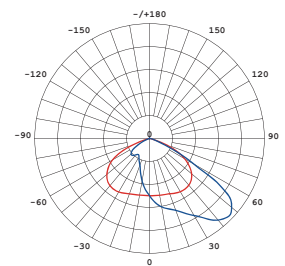
25D55017



60D55015

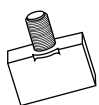


90D55016



T3S55006

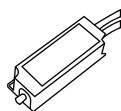
Optional accessories



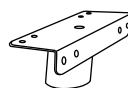
Photocell



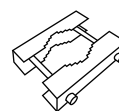
PIR Sensor



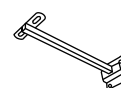
Smart Controller



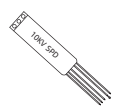
Pole Adapter



Clamp Bracket



Mounting Arm



Extra 10KV SPD