

LED REFLEKTORI MASS-LIGHT



Products Differentiations

- Pass EMC, EMI and CE certification, and DESIGN INSPIRATION FORM GEMAN
- Professional optical design, the luminous us efficiency > 100lm/W
- Product structural waterproofing, waterproof rating to IP65
- Driver and separate power supply design. power PF>0.92
- High transmittance glass + speical reflector designed.
- Special Lens reflection angles make lighting more efficient and evenly distributed,
- Can perfectly replace 150-450W MH or HPI & HID & HPS fixtures,
- Very Energy Saving up to 65%,
- Lower power consumption
- Instant on/off operation
- Universal input 100-240 or 220-240 V AC, 50/60 Hz
- Mercury free



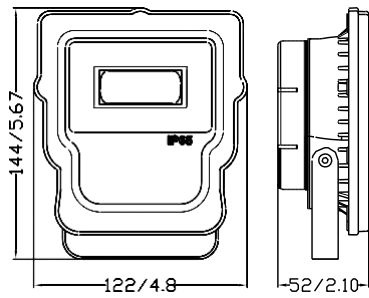
Anti-Glare Opal glass



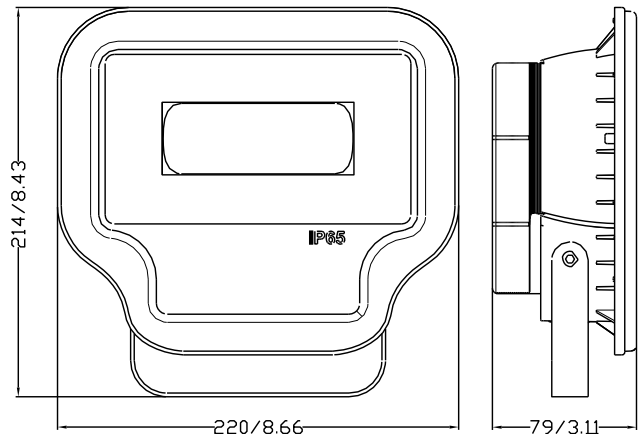
Adjustable bracket

Product Size

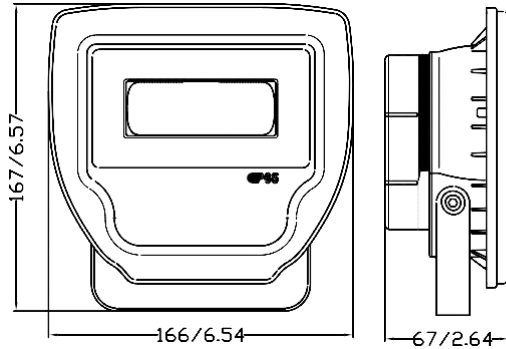
Unit: mm / in



FL010NA



FL050NA



FL030NA

Construction	
Housing & Heat Sink	PC + Pure Aluminum
Finish	Oxidation (further colours on request)
Lens	PC
Mercury content	0,0 mg
Photometric Information	
LED	SMD 2835
CRI (Ra)	>80
CCT	6000 K (4000 K, 5000 K on request)
Eulumdat Dateien (ldt)	available on request
IESNA LM79 Dateien (ies)	available on request
Lamp Efficiency	100 lm/W
Beam Angle	120°
Luminous Flux	1,100 lm - 7,100lm (see table on page 3)

Electrical Specifications	
Operating Voltage	100-240V or 220-240 VAC
Power consumption	8 W / 27W / 45W /
Power Supply consumption	2 W / 3W / 5W /
LED Drive Current	150 mA
Operating Temperature	-20°C to + 50°C
Protection Class	I
Harmonics Directive	EN61000-3-2
Surge protection	EN 61000-4-5
THD	< 18%
Power Factor	0.92

Mounting
Bracket

Mechanical Information		
Fixture weight	FL010NA	0.10kg
	FL030NA	0.34kg
	FL050NA	0.70kg

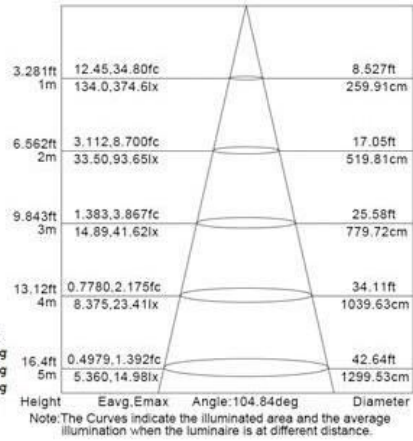
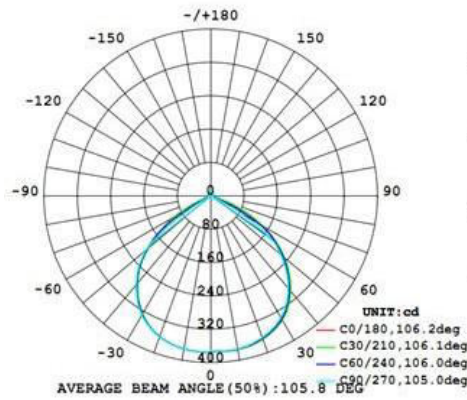
Packing Dimensions	
FL010NA	460x270x172mm 16Pcs/CTN
FL030NA	430x360x195mm 12Pcs/CTN
FL050NA	443x242x240mm 5Pcs/CTN

Ordering Codes

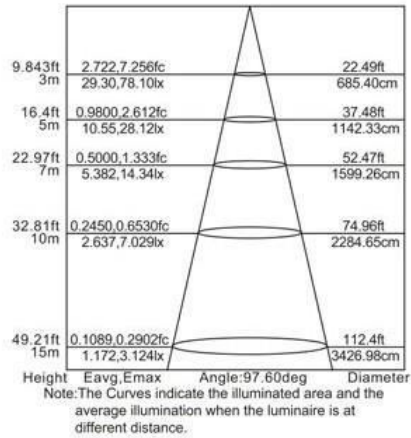
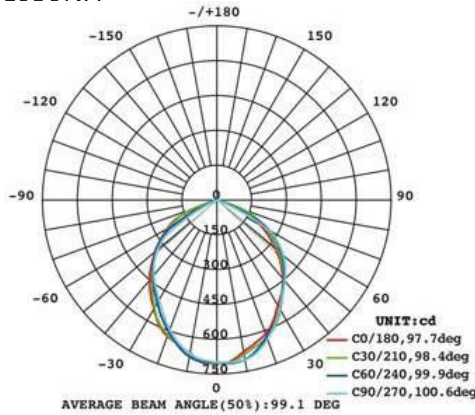
Ordering Codes	Product Name	Lumen	Beam Angle	CCT	CRI	LED Qty	Power
FL010NA-12086B	Flood light 10	1000lm	120°	6000K	>80	24	10
FL030NA-12086B	Flood light 30	3000lm	120°	6000K	>80	72	30
FL050NA-12086B	Flood light 50	5000lm	120°	6000K	>80	120	50

Photometric Diagram

FL010NA



FL030NA



FL050NA

