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< Specifications. >

MEAN WELL DRIVER

Version:A2

(PIC)
Model No.



Photoelectric Spec

Item	Power	Input Voltage	Input Frequency	Leds	Power Factor	LuminousFlux	Beam Angle	Weight
BR-FL50W-07(ID:TGA-X1-50W)	50W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	6000Lm	30°70°	3.2 kg
BR-FL50W-07(ID:TGA-X2-100W)	100W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	12000Lm	30°70°	4.27 kg
BR-FL50W-07(ID:TGA-X3-150W)	150W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	18000Lm	30°70°	5.2 kg
BR-FL50W-07(ID:TGA-X4-200W)	200W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	24000Lm	30°70°	5.8 kg
BR-FL50W-07(ID:TGA-X5-240W)	240W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	28800Lm	30°70°	6.3 kg
BR-FL50W-07(ID:TGA-X6-300W)	300W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	36000Lm	30°70°	9.9 kg
BR-FL50W-07(ID:TGA-X7-350W)	350W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	42000Lm	30°70°	10.5 kg

Light Source Spec

LED Type	PHILIPS 3030
Color Accuracy(CRI)	CRI>80
Color	WW(3000-3500K) NW (4000-4500K) CW(5000-6500K)

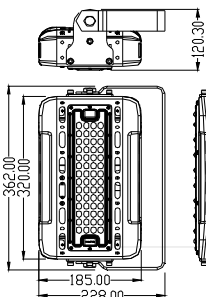
Environment Spec.

Operational Temperature Range	-20~50 ℃
Preservation Temperature Range	-40~60 ℃
Operational Humidity Range	95% Rh or below(@-20℃~50℃)
Installation Area	Outdoor:IP65(Roadway, Pathway, Sidewalk,etc)
Lifespan	5 Years

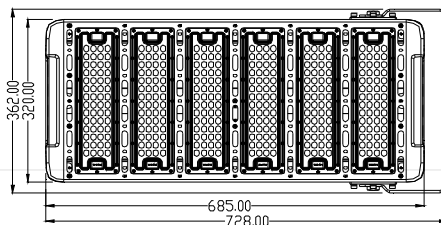
Certification standard



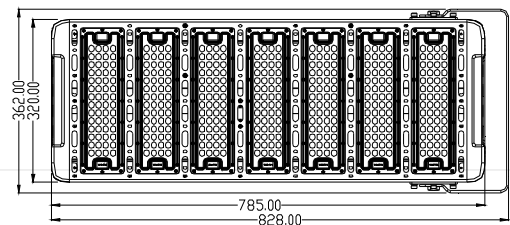
Dimension Diagram



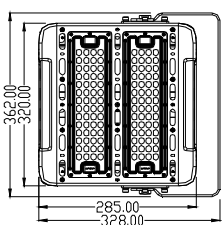
BR-FL50W-08(ID:TGA-X1-50W)



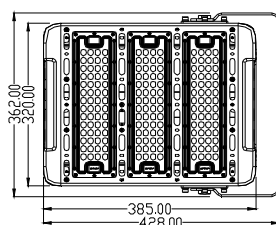
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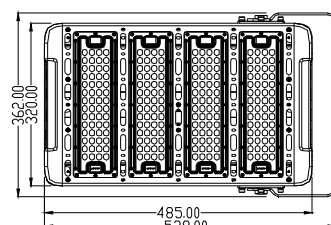
BR-FL50W-08(ID:TGA-X7-350W)



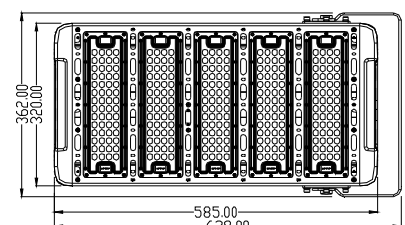
BR-FL50W-08
(ID:TGA-X2-100W)



BR-FL50W-08
(ID:TGA-X3-150W)



BR-FL200W-08(ID:TGA-X4-200W)

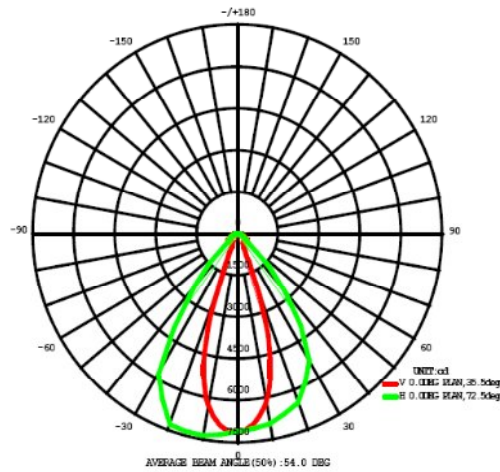


BR-FL240W-08(ID:TGA-X5-240W)

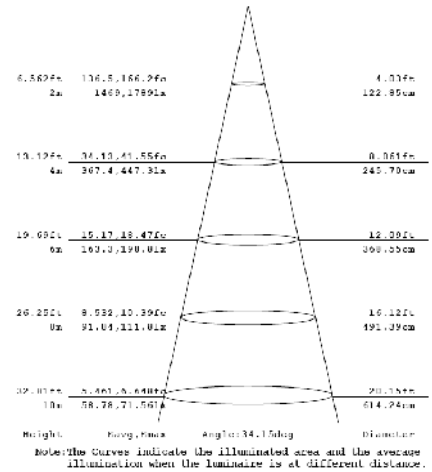
Optical Spec

BR-FL50W-07(ID:TGA-X1-50W)

Radiation

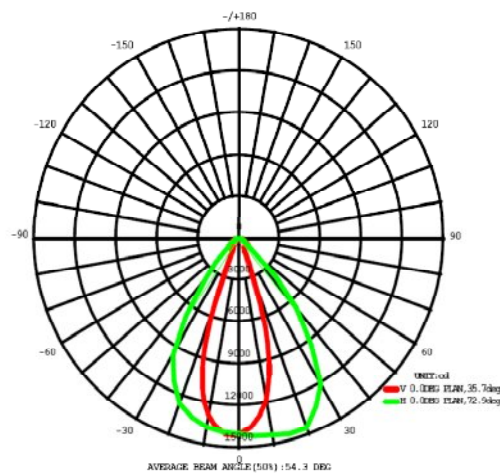


Lux Diagram

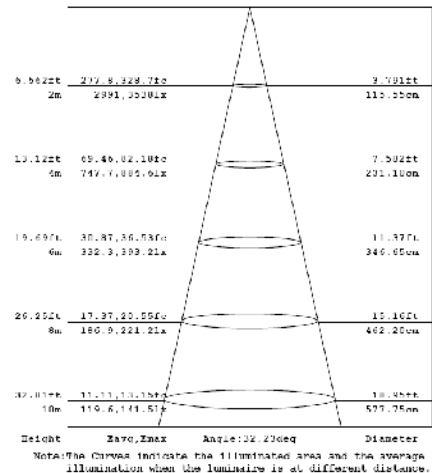


BR-FL50W-07 (ID:TGA-X2-100W)

Radiation

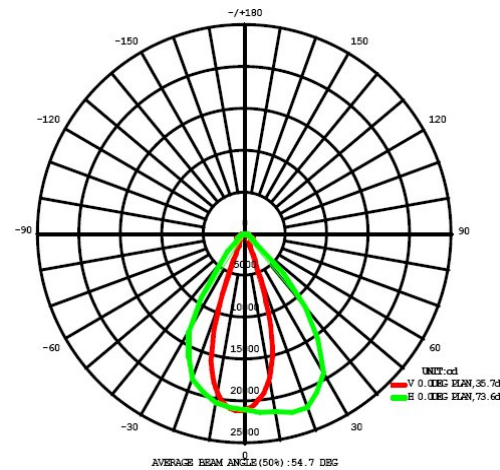


Lux Diagram

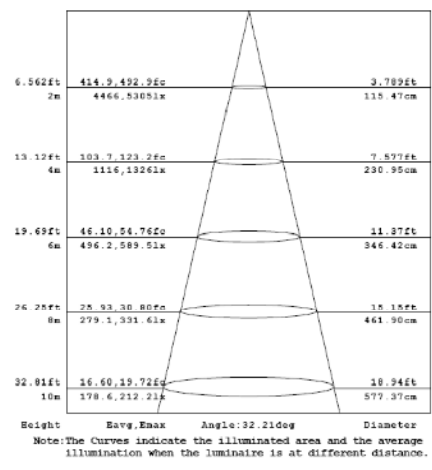


BR-FL50W-07 (ID:TGA-X3-150W)

Radiation

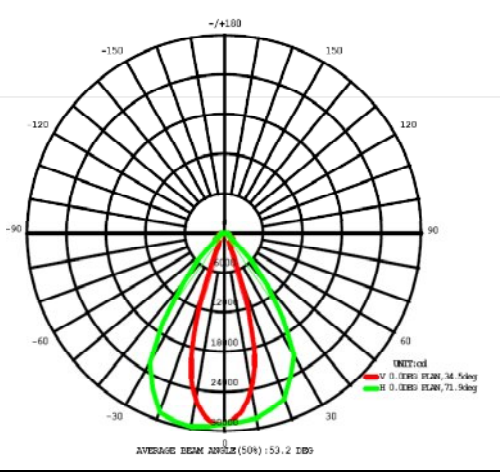


Lux Diagram

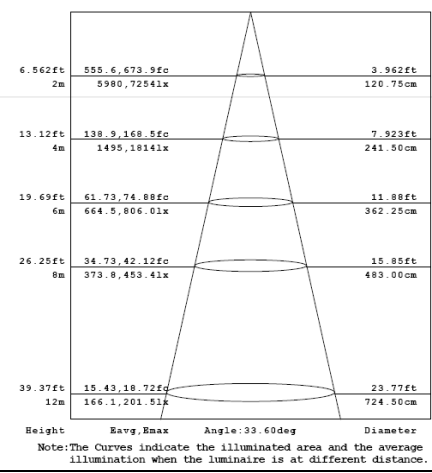


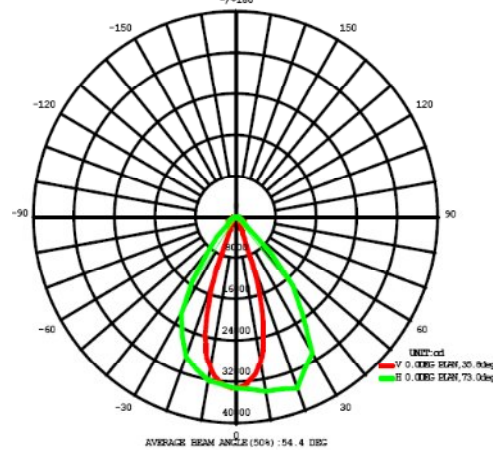
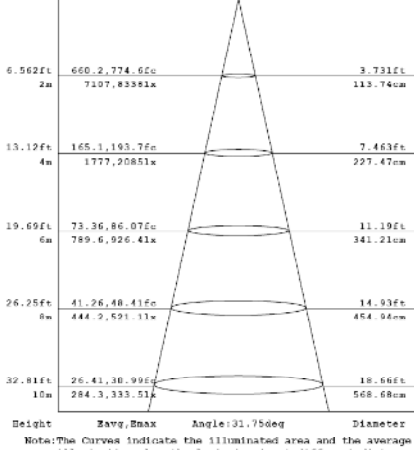
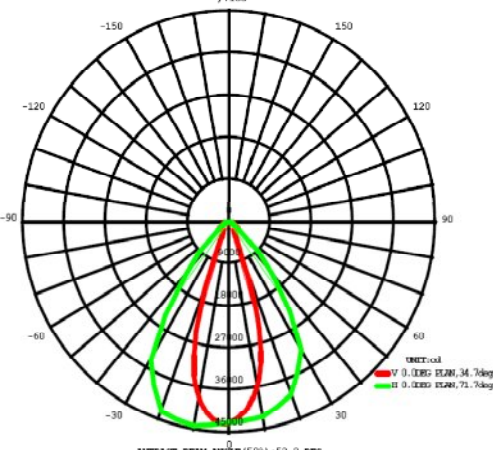
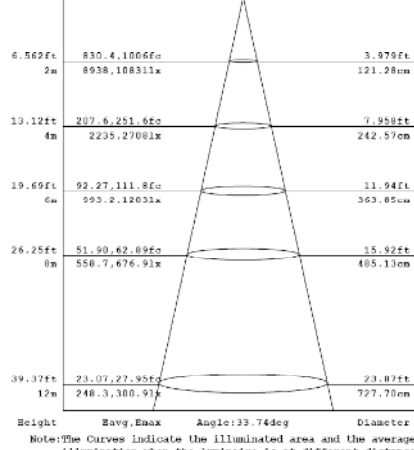
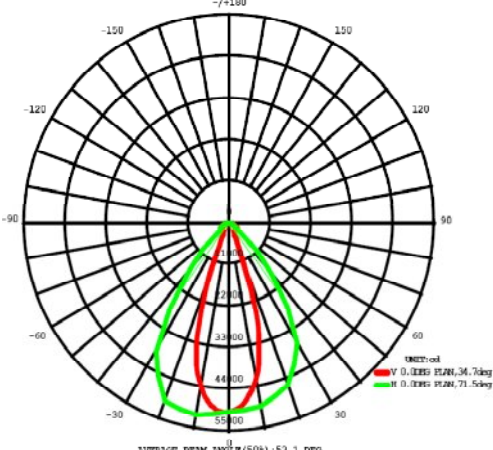
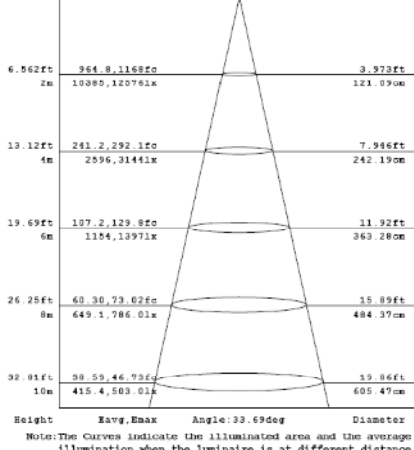
BR-FL50W-07 (ID:TGA-X4-200W)

Radiation



Lux Diagram

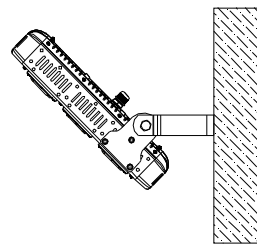
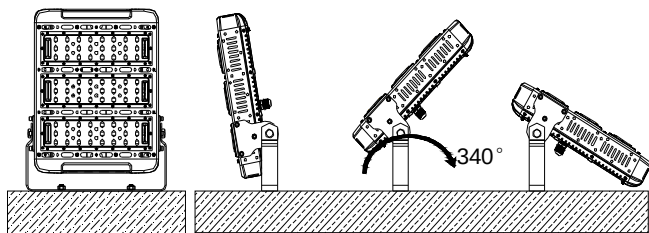


BR-FL50W-07 (ID:TGA-X5-240W)	Radiation  AVERAGE BEAM ANGLE(50%):54.4 DEG	Lux Diagram  Height: 2m, 4m, 6m, 8m, 10m Avg, Emax Angle:31.75deg Diameter Note:The Curves Indicate the illuminated area and the average illumination when the luminaire is at different distance.
BR-FL50W-07 (ID:TGA-X6-300W)	Radiation  AVERAGE BEAM ANGLE(50%):53.2 DEG	Lux Diagram  Height: 2m, 4m, 6m, 8m, 10m, 12m Avg, Emax Angle:33.74deg Diameter Note:The Curves Indicate the illuminated area and the average illumination when the luminaire is at different distance.
BR-FL50W-07 (ID:TGA-X7-350W)	Radiation  AVERAGE BEAM ANGLE(50%):53.1 DEG	Lux Diagram  Height: 2m, 4m, 6m, 8m, 10m Avg, Emax Angle:33.69deg Diameter Note:The Curves Indicate the illuminated area and the average illumination when the luminaire is at different distance.

Installation and use

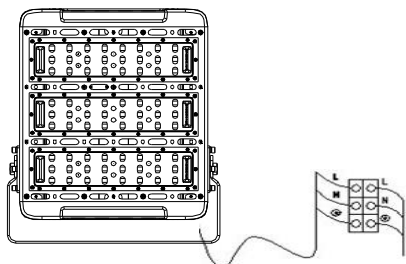
1.First,adjust the angle you need,finally fasten the floodlights with screws

2.Install the LED Floodlight onto the wall or ground,punch hole on the wall or ground,prepare the expansion screw,and then fasten the floodlight



3.Connect the power wire from the Main line to the power wire of the lamp,and then make treatment for water resistance. Pls note that the Brown color wire is Live wire,Blue wire is Null line,the yellow and green wire is Earth line.

4.Turn on the power supply to ensuer the light is working,Installed.



Attention

- 1.Please turn off the power supply before installation or changing assembly parts.
- 2.The input voltage and the lamp should be adapted. After connecting the power line, please make sure the wiring section is insulated.
- 3.Non-professionals, must not install or dismantle the lamps.
- 4.All the lights during installation and in use should not be put with glass cover vertically upside.

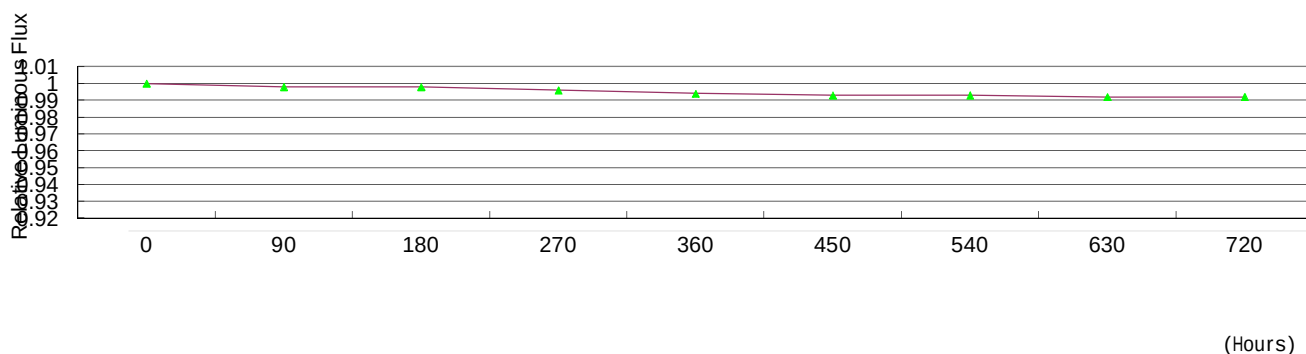
Packing Spec

Item	Box			Carton		
	Measurement (mm)	Gross weight	Pcs/box	Measurement(mm)	Gross weight	Pcs/carton
BR-FL50W-07(ID:TGA-X1-50W)	L390*W255*H160	3.87 kg	1	L535*W415*H355	16.28 kg	4
BR-FL50W-07(ID:TGA-X2-100W)	L390*W355*H160	4.7 kg	1	L415*W380*H355	10.9 kg	2
BR-FL50W-07(ID:TGA-X3-150W)	L455*W390*H160	5.7 kg	1	L480*W415*H355	12.8 kg	2
BR-FL50W-07(ID:TGA-X4-200W)	L555*W390*H160	6.4 kg	1	L580*W415*H355	14.3 kg	2
BR-FL50W-07(ID:TGA-X5-240W)	L655*W390*H160	7.1 kg	1	L680*W415*H190	8.5 kg	1
BR-FL50W-07(ID:TGA-X6-300W)	L755*W390*H160	8.2 kg	1	L780*W415*H190	9.32 kg	1
BR-FL50W-07(ID:TGA-X7-350W)	L855*W390*H160	9.46 kg	1	L880*W415*H190	10.20 kg	1

Remarks:

- 1.White light series: WW (3000-3500K) NW (4000-4500K) CW (5000-6500K)
- 2.Luminous flux tolerance for $\pm 10\%$
- 3.Products shall be subject to any changes without prior notices.

Light attenuation map



Through the 720H accelerated aging test,high and low temperature prediction in the rated under the working conditions after 50000H,will provide an average 70% optic maintenance ratio(L70).