



# SHENZHEN BREE LIGHTING Co., LIMITED

Bld. M & J, Maoyuan Industrial Park, Zhangkengjing, Guanlan, Baoan, Shenzhen, Guangdong, China  
 Tel : +86-755-29739398/29676092 Fax: +86-755-89328498  
 E-mail: sales@breeighting.com Web: www.breegroup.com

< Specifications. >

MEAN WELL DRIVER

Version:A1



Photoelectric Spec

Item	Power	Input Voltage	Input Frequency	Leds	Power Factor	LuminousFlux	Beam Angle	Weight
BR-FL120W-07(ID:FA-X2-240W)	240W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	31200Lm	60°100°	11.3 kg
BR-FL120W-07(ID:FA-X3-360W)	360W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	46800Lm	60°100°	15 kg
BR-FL120W-07(ID:FA-X4-480W)	480W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	62400Lm	60°100°	19.2 kg
BR-FL120W-07(ID:FA-X6-720W)	720W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	93600Lm	60°100°	30 kg
BR-FL120W-07(ID:FA-X8-960W)	960W	AC100-240V	50/60HZ	PHILIPS 3030	>0.95	124800Lm	60°100°	36 kg

Light Source Spec

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

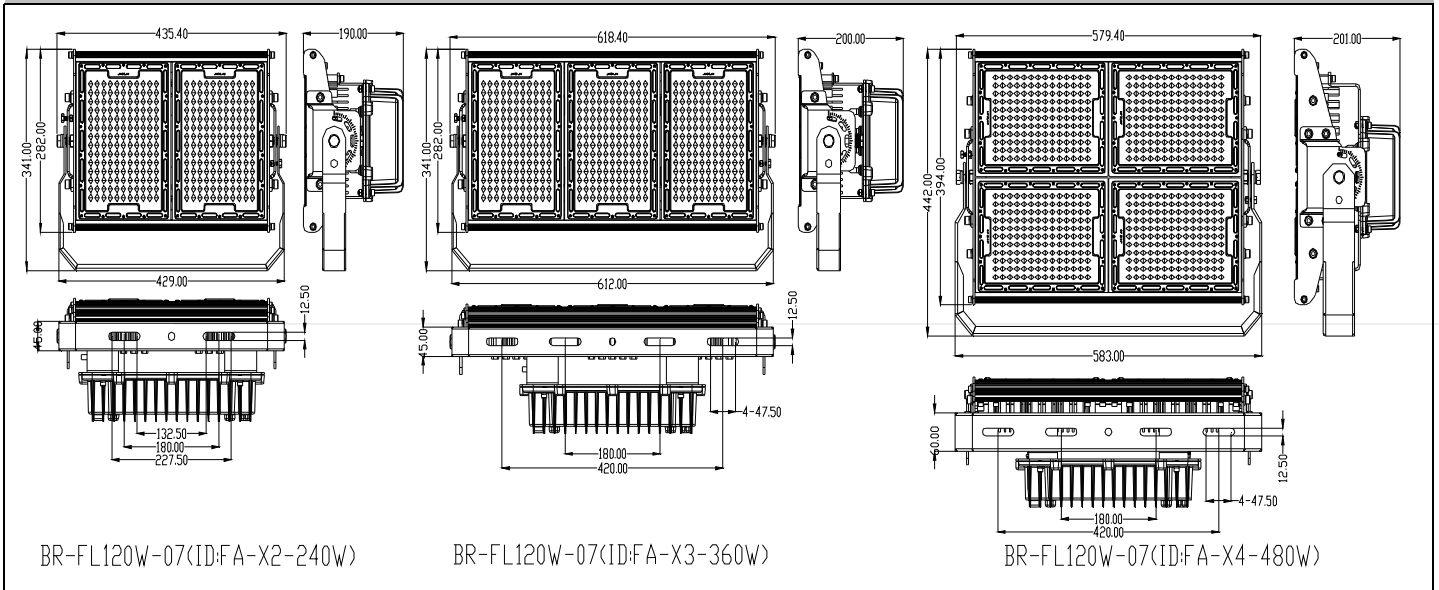
Environment Spec.

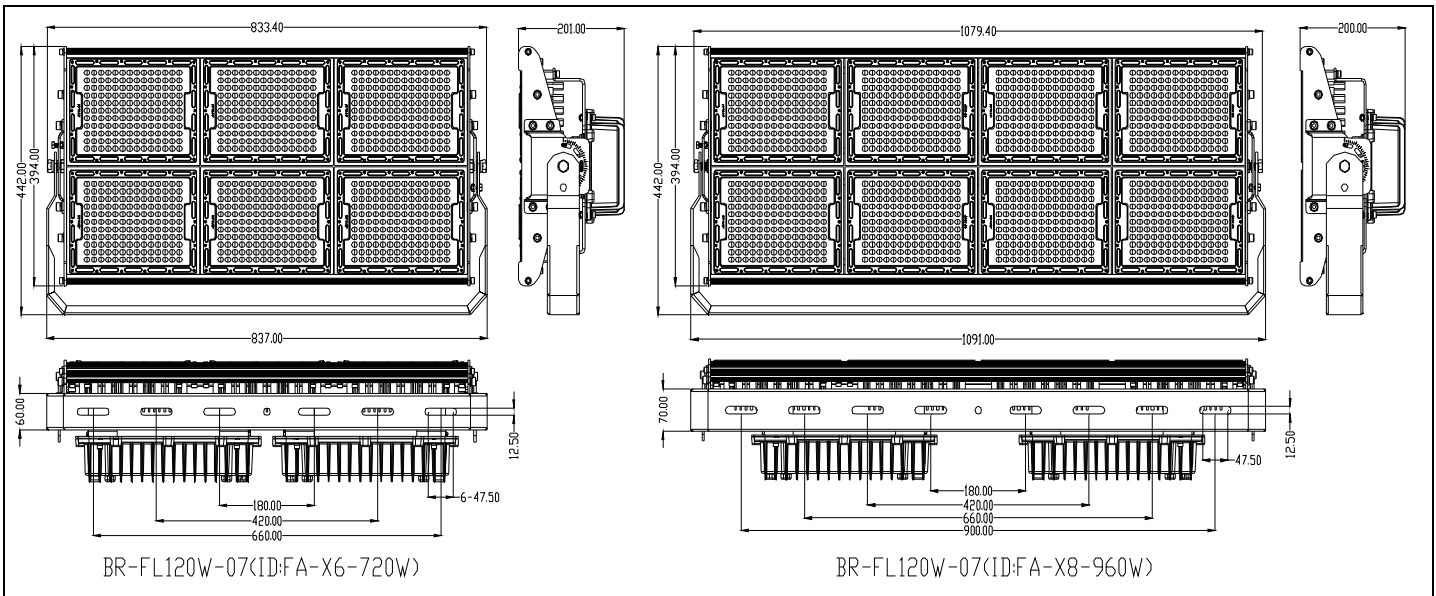
Operational Temperature Range	-20~50
Preservation Temperature Range	-40~60
Operational Humidity Range	95% Rh or below(@-20°C~50°C)
Installation Area	Outdoor:IP65( Roadway, Pathway, Sidewalk,etc)
Lifespan	5 Years

Certification standard



Dimension Diagram





BR-FL120W-07(ID:FA-X6-720W)

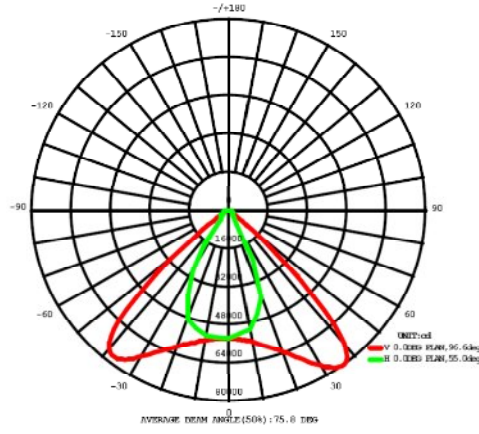
BR-FL120W-07(ID:FA-X8-960W)

**Optical Spec**

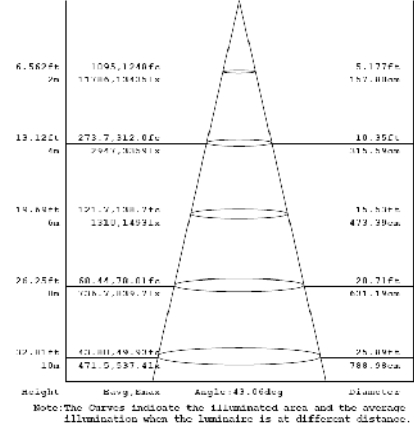
	Radiation	Lux Diagram																																												
BR-FL120W-07 (ID:FA-X2-240W)	<p>UNIFIED  <span style="color:red">●</span> V: 0.0000 BEAM: 33.24deg  <span style="color:green">●</span> H: 0.0000 BEAM: 94.20deg            AVERAGE BEAM ANGLE(S): 73.7 DEGS</p>	<table border="1"> <thead> <tr> <th>Height</th> <th>Beam</th> <th>Beam</th> <th>Diameter</th> </tr> </thead> <tbody> <tr> <td>6.562ft</td> <td>494.1, 434.2ft</td> <td>3.826ft</td> <td>3.826ft</td> </tr> <tr> <td>2m</td> <td>435.0, 467.3lx</td> <td>116.61cm</td> <td>116.61cm</td> </tr> <tr> <td>13.12ft</td> <td>101.0, 108.8lx</td> <td>7.652ft</td> <td>7.652ft</td> </tr> <tr> <td>4m</td> <td>1087.1166lx</td> <td>233.22cm</td> <td>233.22cm</td> </tr> <tr> <td>19.69ft</td> <td>44.90, 48.24lx</td> <td>11.48ft</td> <td>11.48ft</td> </tr> <tr> <td>6m</td> <td>483.3, 519.3lx</td> <td>349.83cm</td> <td>349.83cm</td> </tr> <tr> <td>26.25ft</td> <td>26.26, 27.14lx</td> <td>15.3ft</td> <td>15.3ft</td> </tr> <tr> <td>8m</td> <td>271.9, 292.1lx</td> <td>466.44cm</td> <td>466.44cm</td> </tr> <tr> <td>32.81ft</td> <td>16.17, 17.37lx</td> <td>19.13ft</td> <td>19.13ft</td> </tr> <tr> <td>10m</td> <td>174.0, 186.9lx</td> <td>583.05cm</td> <td>583.05cm</td> </tr> </tbody> </table> <p>Height Avg. Beam Angle: 32.51deg Diameter</p> <p>Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.</p>	Height	Beam	Beam	Diameter	6.562ft	494.1, 434.2ft	3.826ft	3.826ft	2m	435.0, 467.3lx	116.61cm	116.61cm	13.12ft	101.0, 108.8lx	7.652ft	7.652ft	4m	1087.1166lx	233.22cm	233.22cm	19.69ft	44.90, 48.24lx	11.48ft	11.48ft	6m	483.3, 519.3lx	349.83cm	349.83cm	26.25ft	26.26, 27.14lx	15.3ft	15.3ft	8m	271.9, 292.1lx	466.44cm	466.44cm	32.81ft	16.17, 17.37lx	19.13ft	19.13ft	10m	174.0, 186.9lx	583.05cm	583.05cm
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BR-FL120W-07  
(ID:FA-X6-720W)

**Radiation**

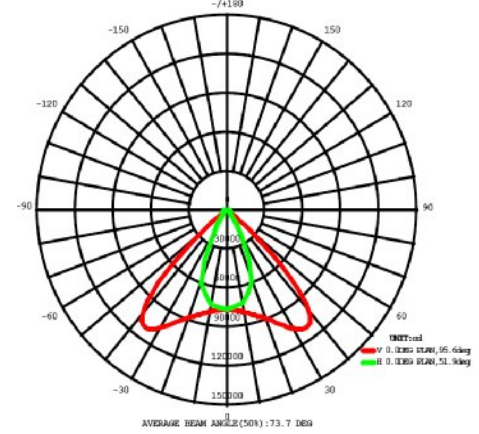


**Lux Diagram**

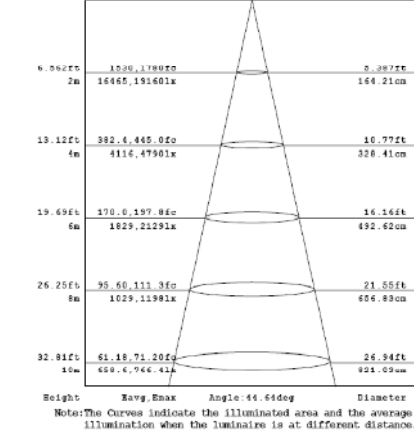


BR-FL120W-07  
(ID:FA-X8-960W)


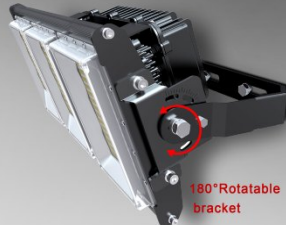
**Radiation**



**Lux Diagram**



## 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 orground,prepare the expansion screw,and then fasten the floodlight
 <p style="text-align: center;"><b>Ceiling installation</b></p>	 <p style="text-align: center;"><b>Wall installation</b></p>
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

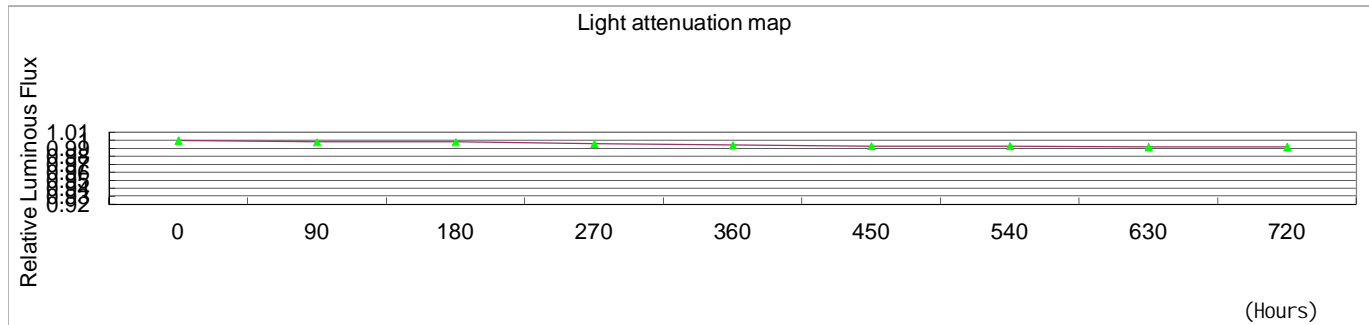
- 1.Please turn off the power supply befor installation or changing assembly parts.
- 2.The input voltage and the lamp should be adapted. After connecting the power line, please make sure the wiring section is insulated.
- 3.Non-professionals, must not install or dismantle the lamps.
- 4.All the lights 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-FL120W-07(ID:FA-X2-240W)				L485*W410*H275	12.3 kg	1
BR-FL120W-07(ID:FA-X3-360W)				L670*W410*H275	16.1 kg	1
BR-FL120W-07(ID:FA-X4-480W)				L630*W500*H285	20.3 kg	1
BR-FL120W-07(ID:FA-X6-720W)				L885*W500*H285	20.3 kg	1
BR-FL120W-07(ID:FA-X8-960W)				L1145*W500*H285	38 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.



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).