

DEMASLED

< Specifications. > **MEAN WELL DRIVER**

Version:A2

(PIC) Model No.	 REF-19	 REF-45		
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Photoelectric Spec

Item	Power	Input Voltage	Input Frequency	Leds	Power Factor	LuminousFlux	Beam Angle	Weight
REF-19	200W	AC100-277V	50/60HZ	COB	>0.9	16000 Lm	80°	10.3kg
REF-45	240W	AC100-277V	50/60HZ	COB	>0.9	20000 Lm	80°	11.9kg

Light Source Spec

LED Type	Epistar							
Color Accuracy(CRI)	CRI>70							
Color	WW(3000-3500K) NW (4000-4500K) CW(5000-6500K)							

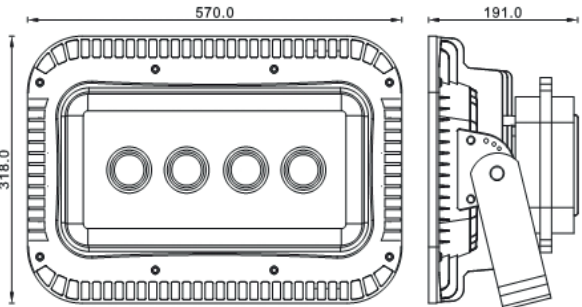
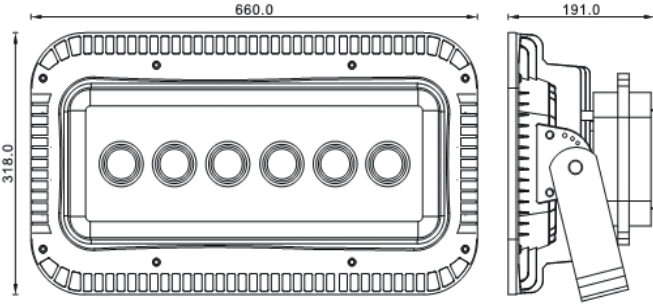
Environment Spec.

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	3 Years

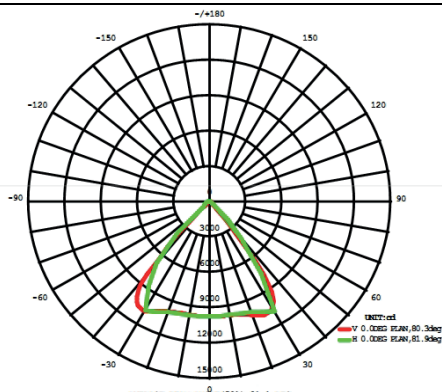
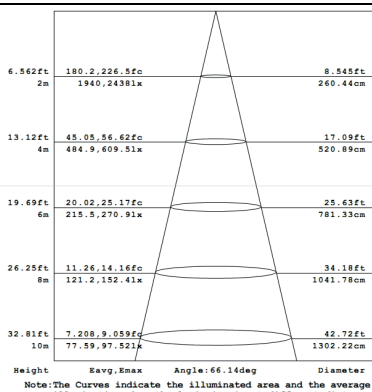
Certification standard

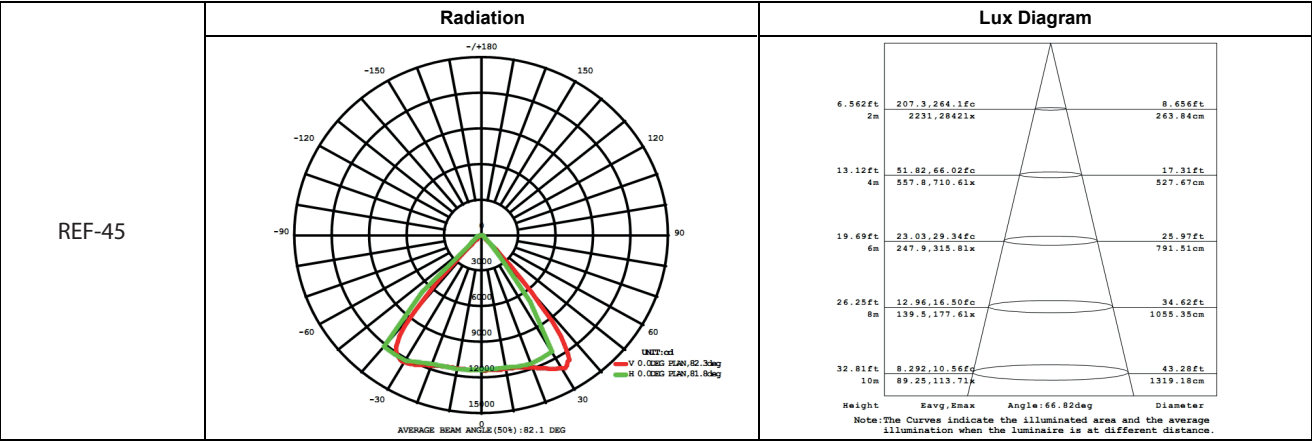


Dimension Diagram

REF-19	REF-45
	

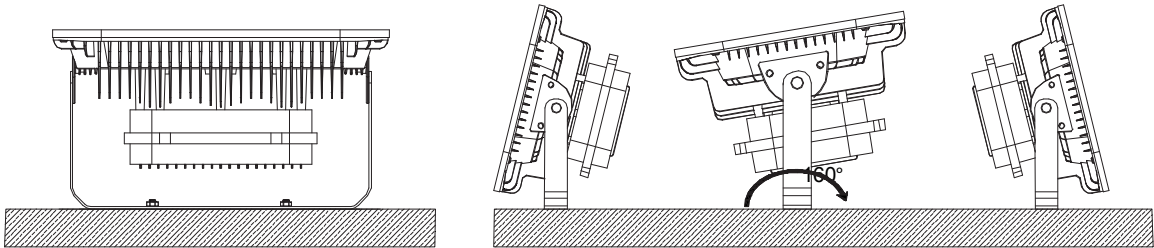
Optical Spec

REF-19	<div><div>Radiation</div><p>AVERAGE BEAM ANGLE(50%):81.1 DEG</p></div>	<div><div>Lux Diagram</div><table><tr><td>6.562ft 2m</td><td>180.2, 226.5fc 1940, 2438lx</td><td>8.545ft 260.44cm</td></tr><tr><td>13.12ft 4m</td><td>45.05, 56.62fc 484.9, 609.5lx</td><td>17.09ft 520.89cm</td></tr><tr><td>19.69ft 6m</td><td>20.02, 25.17fc 215.5, 270.9lx</td><td>25.63ft 781.33cm</td></tr><tr><td>26.25ft 8m</td><td>11.26, 14.16fc 121.2, 152.4lx</td><td>34.18ft 1041.78cm</td></tr><tr><td>32.81ft 10m</td><td>7.208, 9.059fc 77.59, 97.52lx</td><td>42.72ft 1302.22cm</td></tr></table><p>Height: 66.14deg Angle: 66.14deg Diameter: 1302.22cm</p><p>Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.</p></div>	6.562ft 2m	180.2, 226.5fc 1940, 2438lx	8.545ft 260.44cm	13.12ft 4m	45.05, 56.62fc 484.9, 609.5lx	17.09ft 520.89cm	19.69ft 6m	20.02, 25.17fc 215.5, 270.9lx	25.63ft 781.33cm	26.25ft 8m	11.26, 14.16fc 121.2, 152.4lx	34.18ft 1041.78cm	32.81ft 10m	7.208, 9.059fc 77.59, 97.52lx	42.72ft 1302.22cm
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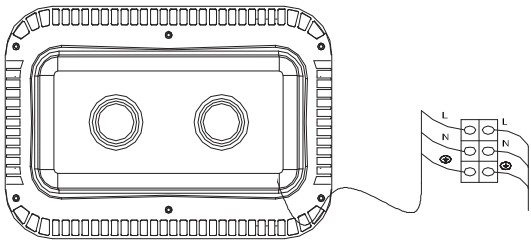


Installation and use

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



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



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

Attention

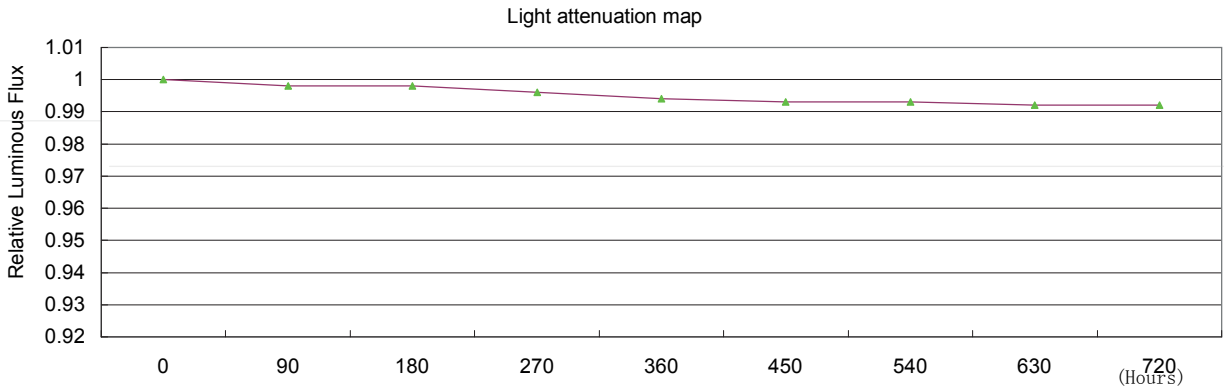
- 1.Please turn off the power supply befor installation or changing assembly parts.
- 2.The input voltage and the lamp should be adapted. After connecting the power line, please make sure the wiring section is insulated.
- 3.Non-professionals, must not install or dismantle the lamps.
- 4.All the lights 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
REF-19	L590*W330*H230	10.3 kg	1	L 615*W355*H260	12.65kg	1
REF-45	L680*W330*H230	11.9kg	1	L 705*W355*H260	13.25kg	1

Remarks

- 1.White light series: WW (3000-3500K) NW (4000-4500K) CW (5000-6500K)
- 2.Luminous flux tolerance for ±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 35000H,will provide an average 70% optic maintenance ratio(L70).