

DEMASLED

| < Specifications. > | | MEAN WELL DRIVER | | Version:A2 | |
|---------------------|--|---|---|--|--|
| (PIC) Model No. | |  |  REF-44 |  | |

Photoelectric Spec

| Item | Power | Input Voltage | Input Frequency | Leds | Power Factor | LuminousFlux | Beam Angle | Weight |
|--------|-------|---------------|-----------------|------|--------------|--------------|------------|--------|
| | 100W | AC100-277V | 50/60HZ | COB | >0.9 | 7500 Lm | 80° | 5.54kg |
| REF-44 | 120W | AC100-277V | 50/60HZ | COB | >0.9 | 10200Lm | 80° | 5.54kg |
| | 150W | AC100-277V | 50/60HZ | COB | >0.9 | 11200Lm | 80° | 8kg |

Light Source Spec

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

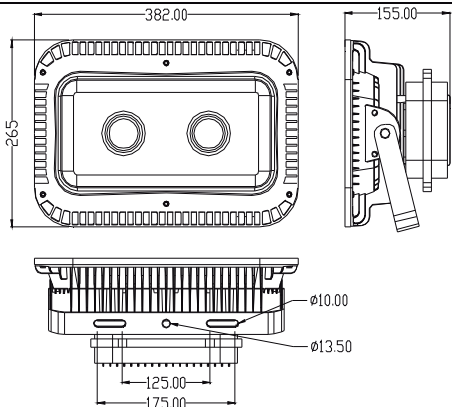
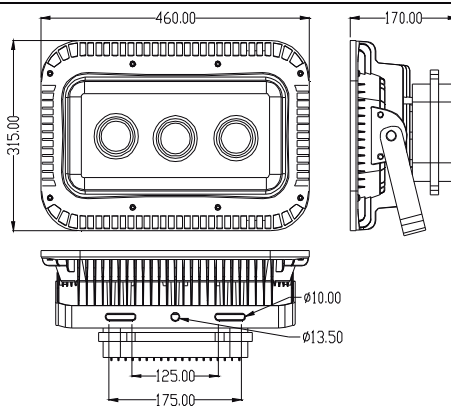
Environment Spec.

| | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|
| 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 | | | | | | | |

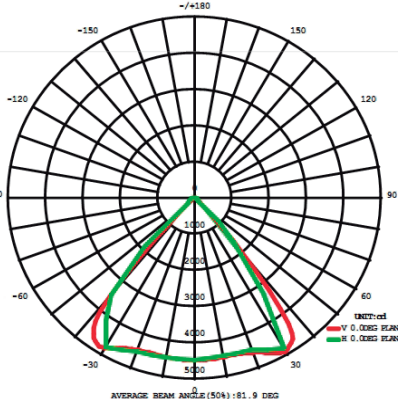
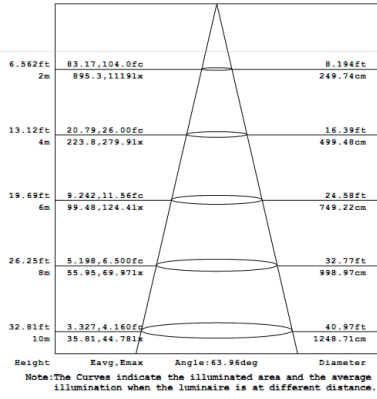
Certification standard



Dimension Diagram

| REF-44 | |
|---|--|
|  |  |

Optical Spec

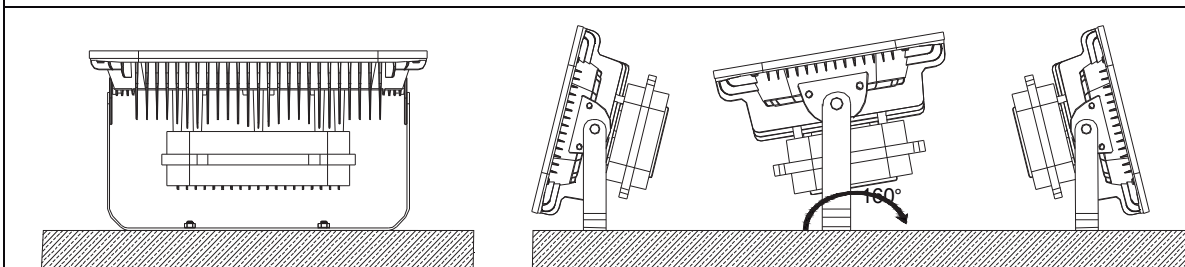
| | Radiation | Lux Diagram |
|--|---|---|
| |  <p>~±180</p> <p>UNIT:cd</p> <p>Red: V.D.0 DEG BEAM, 81.9deg</p> <p>Green: H.D.0 DEG BEAM, 81.9deg</p> <p>AVERAGE BEAM ANGLE(50%):81.9 DEG</p> |  <p>Height</p> <p>Angle:63.96deg</p> <p>Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.</p> |

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| | | |
|--------|----------------------|------------------------|
| REF-44 | Radiation | Lux Diagram |
| | Radiation | Lux Diagram |

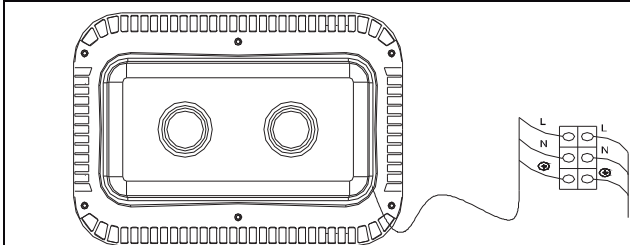
Installation and use

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



2.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.

3.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.

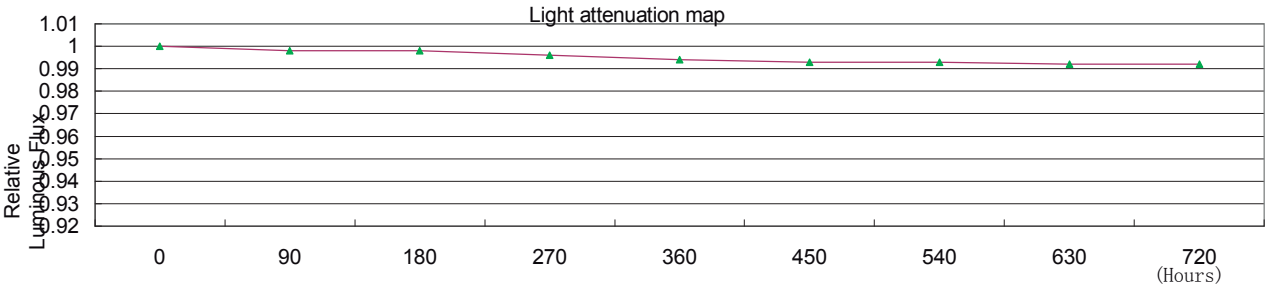
Packing Spec

| Item | Box | | | Carton | | |
|--------|-----------------|--------------|---------|-----------------|--------------|------------|
| | Measurement mm! | Gross weight | Pcs/box | Measurement(mm) | Gross weight | Pcs/carton |
| REF-44 | L395*W275*H195 | 6.34 kg | 1 | L420*W300*H430 | 14.1 kg | 2 |
| | L395*W275*H195 | 6.34 kg | 1 | L420*W300*H430 | 14.1 kg | 2 |
| | L520*W330*H230 | 8.84 kg | 1 | L545*W355*H260 | 10.15 kg | 1 |

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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).