

P/N: LW00857



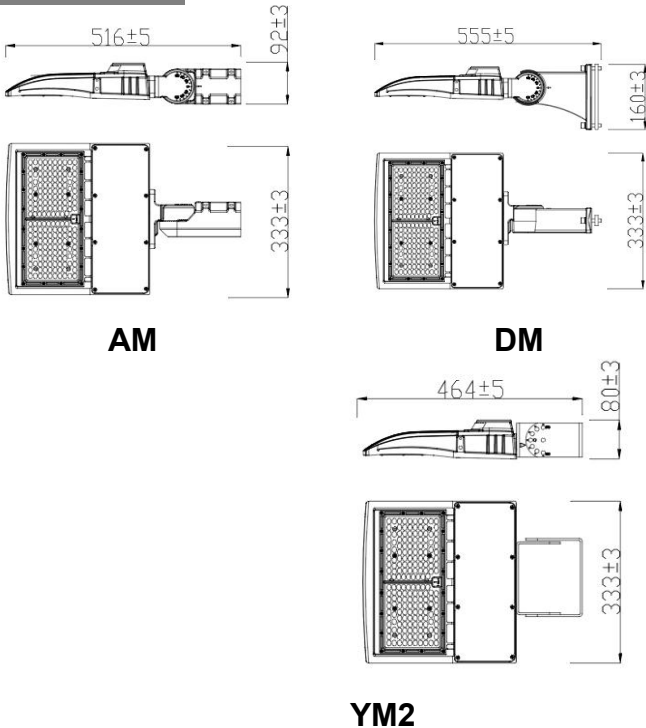
AM

DM



YM2

DIMENSIONS



ADVANTAGE

- UL cUL certificate;
- Lumileds Chip, high CRI;
- Input voltage 120-277VAC;
- Output constant current lever can be adjusted through output cable with 0-10V;
- No UV or IR in the beam;
- Easy to install and operate;
- Energy saving, long lifespan;
- Light is soft and uniform, safe to eyes;
- Instant start, NO flickering, NO humming;
- Green and eco-friendly without mercury;

APPLICATION

- Outdoor basketball court, tennis court;
- Badminton court, the football field;
- The school playground, stadium;
- Outdoor basketball court, tennis court;
- Badminton court, the football field;

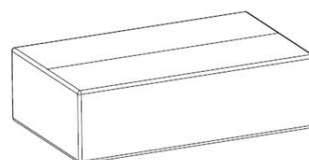
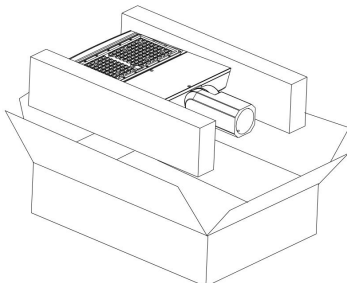
SPECIFICATIONS

| | | |
|--------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| OPTICAL | Input Power (Tolerance : $\pm 10\%$) | 150W (Wattage Tunable: 150W 120W 100W) |
| | Color Temperature | 5000K |
| | Lumen (Tolerance : -10%) | 19500LM |
| | Efficacy (Tolerance : -3%) | 130 LM/W |
| | CRI | >80 |
| | Color Consistency | <6 Steps (or <6 SDCM) |
| | BUG | B4-U0-G3 |
| | Distribution Pattern | Type III (Optional: TYPE V) |
| Beam Angle (50%) (Tolerance : $\pm 15\%$) | 120*140 Degree Type V | |
| ELECTRICAL | Input Voltage and Frequency | 120-277VAC, 50/60Hz |
| | PF (Tolerance : -3%) | ≥ 0.9 |
| | THD (Tolerance : +5%) | $\leq 20\%$ |
| | Flicker Percent | <5% |
| | Driver Brand | Fahold |
| | Driver Model | FD-150V-050B |
| | Driver Surge protection | L/N-PE: 6kV, L-N: 6kV |
| | Dimming | 0-10V dimming standard |
| | Sensor Type | Occupancy Sensor、Exterior Photocell、Integral Sensor Receptacle |
| | Optional Accessory | Photocontrol, Surge-protective Device, DC Motion Microwave sensor, DC Motion PIR sensor, photocell receptacle, shorting cap |
| MATERIALS | LED Brand | Lumileds |
| | LED Type | SMD2835 |
| | LED QTY | 190 PCS |
| | Housing | Die-cast aluminum |
| | Housing Color | Brown, Black, or Customized |
| | EPA | 1.3 ft ² |
| | Waterproof Rating | WET (IP65) |
| OTHERS | Operating Temperature | Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO 50°C |
| | Storage Temperature | -40°C TO 85°C |
| | Operating Humidity | 10% - 95% RH |
| | Storage Humidity | 10% - 95% RH |
| | Warranty | 5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C. |

PACKAGE

| Bracket Type | Carton Size | Qty / Carton | Net Weight / Carton | Gross Weight / Carton |
|--------------|----------------|--------------|---------------------|-----------------------|
| AM | 535*395*170 MM | 1 PC | 4.6Kg | 5.4Kg |
| DM | 565*395*170 MM | 1 PC | 5.6Kg | 7.4Kg |
| YM2 | 485*395*170 MM | 1 PC | 5.35Kg | 6.45Kg |
| | | | | |

Tolerance of Carton Size: ± 15 MM. Tolerance of Weight: $\pm 10\%$.



LIGHT DISTRIBUTION TESTING PARAMETERS < Type V >

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 0.540 A
 Power Factor: 0.998

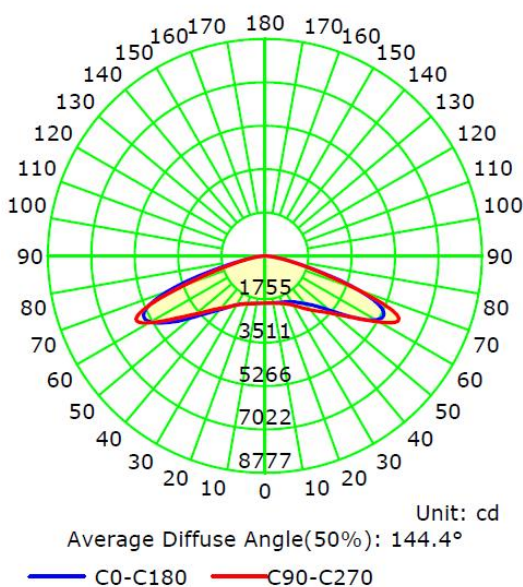
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 277.0 V
 Power: 149.29 W

Photometric Results

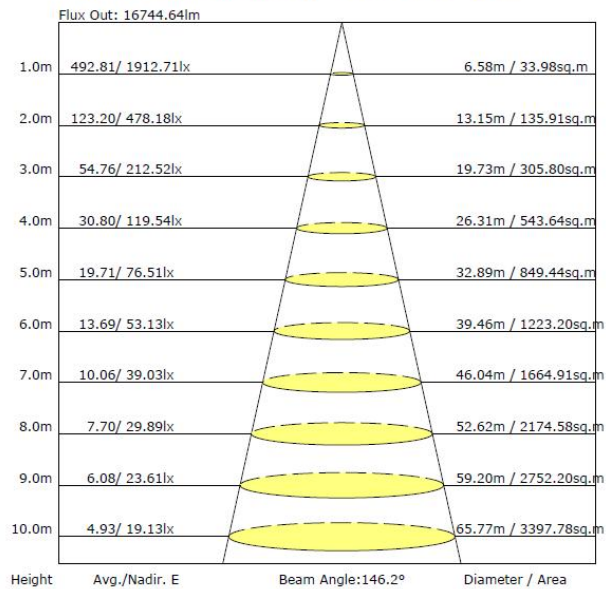
IES Classification: Type IV
 Total Rated Lamp Lumens: 18845.6 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 1912.71 cd
 Pos of Max. Intensity: H135 V68

Longitudinal Classification: Short
 Measurement Flux: 18845.6 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 126.28
 Max. Intensity: 7022.02 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTINGS

| Troubles | Check points |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Flickering of the light | Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies. |
| Out of working | Please check the connection. |