

LED Garden Light

With Photocell





WEN LIGHTING

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P/N:WEN-SB03D-150WJT3A1-abcdef

Where "a" can be any two letters represent lamp colors; "BH = Black、WH=White、BR=Brown or Customized"

"b" can be "3RP", "3NP", "5RP", "5NP", "7RP" or "7NP" for Photocontrol type provided or blank for no Photocontrol provided;

"c" can be "10SP" or "20SP" for Surge-Protective Device type provided or blank for no Surge-Protective Device provided;

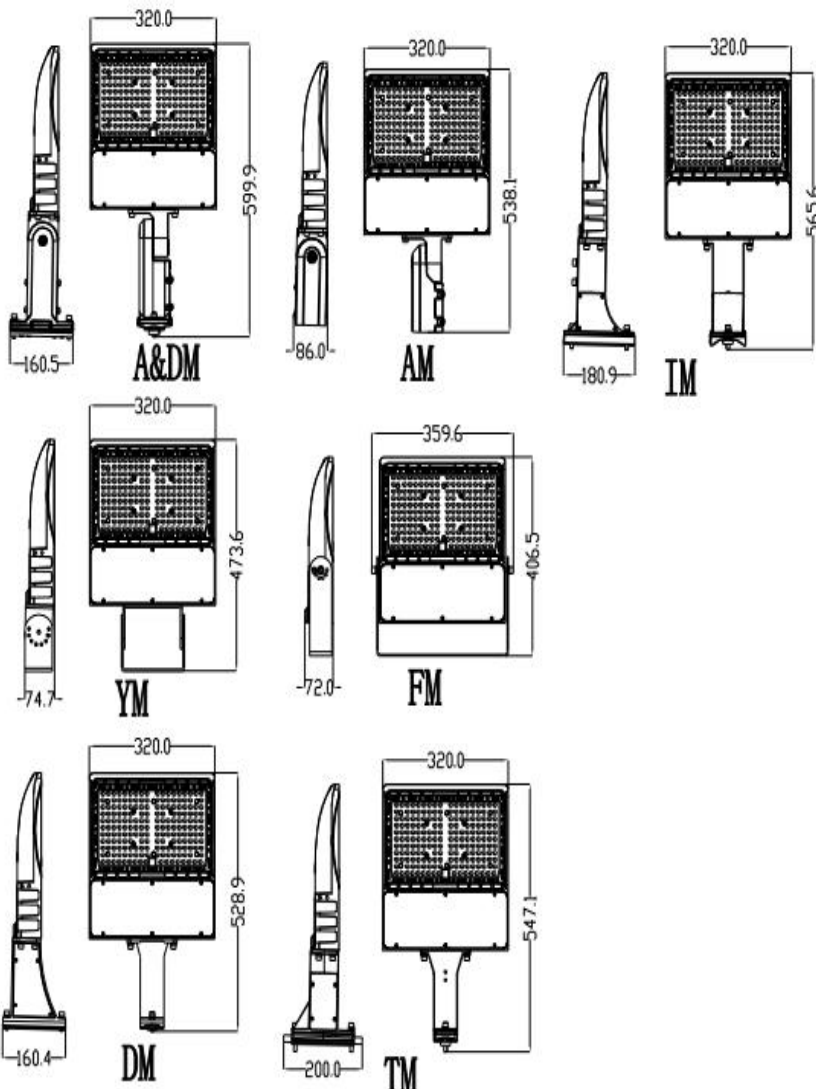
"d" can be "Z", "ZP", "ZM" or blank, "Z" = DC Sensor Receptacle provided, "ZP" = DC Sensor Receptacle and DC photocontrol provided, "ZM" = DC Sensor Receptacle and DC motion sensor provided, blank = no DC Sensor Receptacle provided;

"e" can be "AM", "DM", "YM", "A&DM", "TM", "IM" or "FM" to represent mounting bracket types;

"f" can be any two digits to represent CCT.



DIMENSIONS



ADVANTAGE

- UL DLC certificate.
- Bridgelux Chip, high CRI.
- IP65 driver, 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

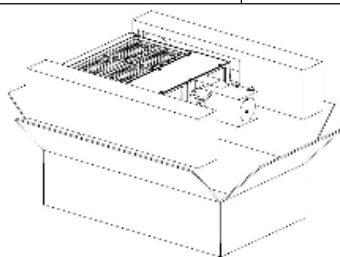
- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza,

SPECIFICATIONS

| | | | | | |
|-------------------|-------------------------------------|---|----------|----------|----------|
| OPTICAL | Input Power (Tolerance : ±10%) | 150W | | | |
| | Color Temperature | 4000K | 4500K | 5000K | 5700K |
| | Lumen (Tolerance : -10%) | 20250 LM | 20250 LM | 20250 LM | 20250 LM |
| | Efficacy (Tolerance : -3%) | 135 LM/W | 135 LM/W | 135 LM/W | 135 LM/W |
| | CRI | >70 | | | |
| | Color Consistency | <6 Steps (or <6 SDCM) | | | |
| | BUG | B3-U0-G3 | | | |
| | Distribution Pattern | Type III | | | |
| | Beam Angle (50%) (Tolerance : ±15%) | 160*115 Degree | | | |
| ELECTRICAL | Input Voltage and Frequency | 120-277VAC, 50/60Hz; | | | |
| | PF (Tolerance : -3%) | ≥ 0.9 | | | |
| | THD (Tolerance : +5%) | ≤20% | | | |
| | Flicker Percent | <50% | | | |
| | Driver Brand | Daermay | | | |
| | Driver Model | MP-150TG-130A | | | |
| | Driver Surge protection | L/N-PE: 6kV, L-N: 6kV | | | |
| | Dimming | 0-10V dimming standard | | | |
| | Optional Accessory | Photocontrol, Surge-protective Device,Zhaga, Zhaga Motion Sensor,Zhaga photocontrol | | | |
| MATERIALS | LED Brand | Bridgelux | | | |
| | LED Type | SMD3030 | | | |
| | LED QTY | 170 PCS | | | |
| | Housing | Die-cast aluminum | | | |
| | Housing Color | Brown, Black, or Customized | | | |
| | EPA | 1.32ft ² | | | |
| | Waterproof Rating | WET (IP65) | | | |
| OTHERS | Operating Temperature | Without Motion Sensor: -30°C TO 50°C; With Motion Sensor: -20°C TO 50°C | | | |
| | Storage Temperature | -40°C TO 85°C | | | |
| | Operating Humidity | 20% - 90% RH | | | |
| | Storage Humidity | 20% - 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 | 605*370*170mm | 1 PCS | 5.2KG | 6.4KG |
| DM | 605*370*170mm | 1 PCS | 4.7KG | 5.9KG |
| YM | 605*370*170mm | 1 PCS | 4.6KG | 5.8KG |
| FM | 460*370*165mm | 1 PCS | 4.8KG | 6KG |
| IM | 605*370*170mm | 1 PCS | 6.7KG | 7.5KG |
| TM | 605*370*170mm | 1 PCS | 5.5KG | 6.6KG |
| A&D | 605*370*170mm | 1 PCS | 5.3KG | 6.5KG |



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 1.253 A
 Power Factor: 0.993

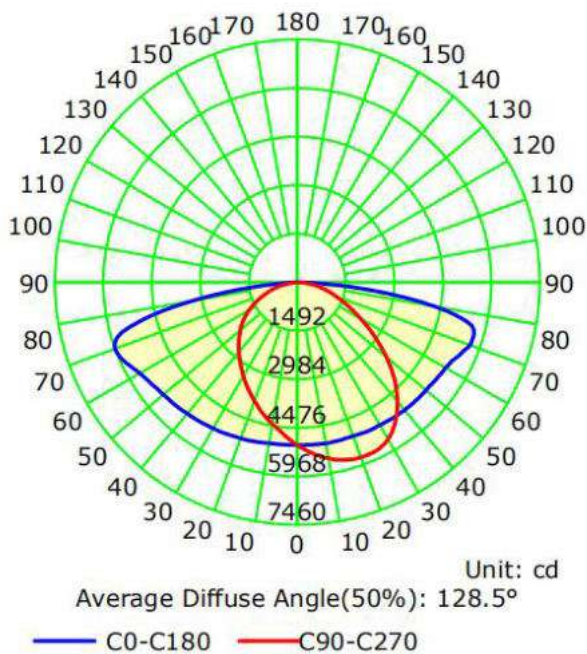
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 149.65 W

Photometric Results

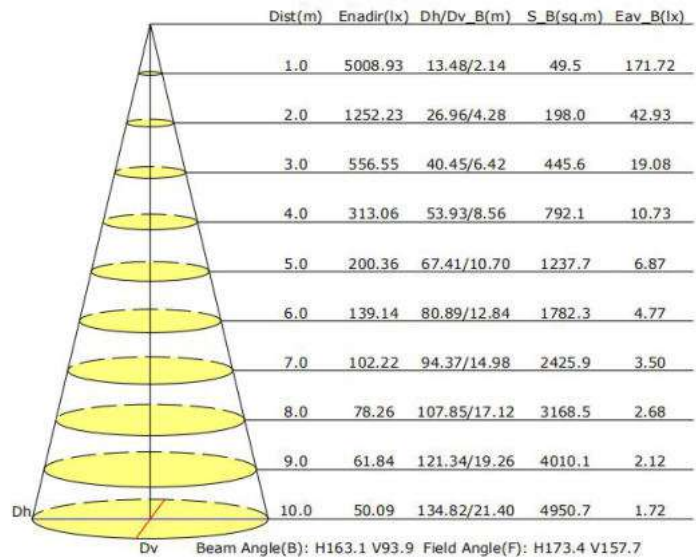
IES Classification: Type III
 Total Rated Lamp Lumens: 20136.5 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 5008.93 cd
 Pos of Max. Intensity: H180 V70

Longitudinal Classification: Medium
 Measurement Flux: 20136.5 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 134.61
 Max. Intensity: 5968.11 cd

Luminous Intensity Distribution Curve



Illuminance at a Distance



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. |