



For more information, call 1-800-624-4488 or visit 1000Bulbs.com



PLT-12687 - 220W, 30,400 Lumens, 5000K, 1.5'



NPS-00008*



NPS-00009*

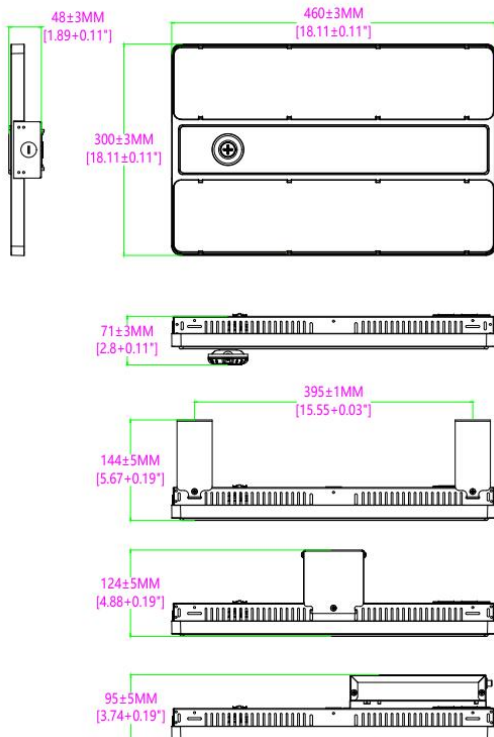


NPS-00010*

**Special order item. Please call 1-800-624-4488 for more information.*



DIMENSIONS



ADVANTAGE

- UL cUL
- Lumileds Chip, high CRI.
- Input voltage 120-277 VAC.
- Output constant current; 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
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.

SPECIFICATIONS

| | | |
|-------------------------------------|--------------------------------|---|
| OPTICAL | Input Power (Tolerance : ±10%) | 220W |
| | Color Temperature | 4000K*, 4500K**, 5000K, 5700K*** |
| | Lumen (Tolerance : ±10%) | 29500~30500 LM @220W |
| | Efficacy (Tolerance : ±3%) | 135~140 LM/W @220W |
| | CRI | >80 |
| | Color Consistency | <6 Steps (or <6 SDCM) |
| | UGR | <28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%) |
| | Diffuser Type | Matte Lens |
| Beam Angle (50%) (Tolerance : ±15%) | 90 Degree | |
| ELECTRICAL | Input Voltage and Frequency | 120-277 VAC, 50/60Hz |
| | PF (Tolerance : -3%) | ≥0.9 |
| | THD (Tolerance : +5%) | ≤20% |
| | Flicker Percent | ≤5% |
| | Driver Brand | BECKY or LIFUD |
| | Driver Model | BQE200C-260-PVF-AUX LF-FAA200 |
| | Driver Surge protection | Becky L/N-PE: 6kV, L-N: 4kV Lifud L/N-PE: 6kV, L-N: 6kV |
| | Dimming | 0-10V dimming (dimming scope 0-100%) |
| | Sensor Type | DaylightSensor ¹ ,OccupancySensor ² ,MultifunctionSensor ³ ,Integral Sensor Receptacle |
| | Optional Accessory | AC/DC Motion Microwave sensor ⁵ , AC/DC Motion PIR sensor ⁶ , Emergency Power Supply(9/16W/90min) ⁷ |
| MATERIALS | LED Brand | Lumileds |
| | LED Type | SMD 2835 |
| | LED QTY | 432 PCS |
| | Housing | IRON + Aluminum |
| | Housing Color | White, or Customized |
| | Waterproof Rating | DAMP (IP20) |
| OTHERS | Operating Temperature | Without Motion Sensor and Emergency Power Supply: -40℃ TO 50℃ |
| | | With Motion Sensor: -30℃ TO 50℃ |
| | | With Emergency Power Supply: 0℃ TO 50℃ |
| | Storage Temperature | -30℃ TO 80℃ |
| | Operating Humidity | 20% - 90% RH |
| | Storage Humidity | 10% - 95% RH |
| Warranty | 5 years | |

PACKAGE Drop test: ISTA-3B

| | Carton Size | Qty / Carton | Net Weight / Carton | Gross Weight / Carton |
|----------------------------------|---|--------------|---------------------|-----------------------|
| Outer box (No Sensor/ DC Sensor) | 480*320*85 MM [18.90*12.60*3.35inch] | 1 PC | 2.7KG[5.95LBS] | 3.6KG[7.94LBS] |

Tolerance of Carton Size: ±15 MM[±0.59inch], Tolerance of Weight: ±10%.

Alternate Versions:

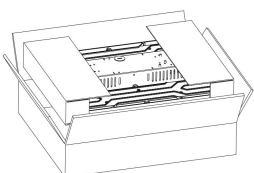
- *4000K Version - NPS-00033
- **4500K Version -NPS-00034
- ***5700K Version - NPS-00035

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Optional Accessories:

- ¹Daylight Sensor - NPS-00014*
 - ²Occupancy Sensor - PLT-12844
 - ³Multifunction Sensor - NPS-00016*
 - ⁵AC/DC Motion Microwave Sensor - NPS-00018*
 - ⁶AC/DC Motion PIR Sensor - NPS-00019*
 - ⁷Emergency Power Supply (9/16W/90min) - NPS-00020*
- Motion Sensor Remote - PLTS-12281 (use w/ PLT-12844)

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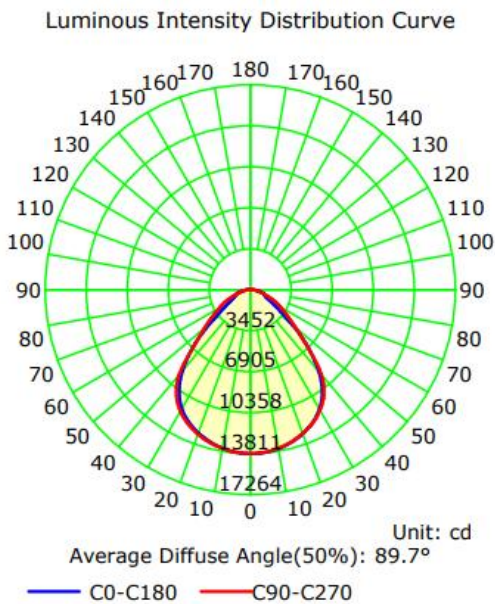
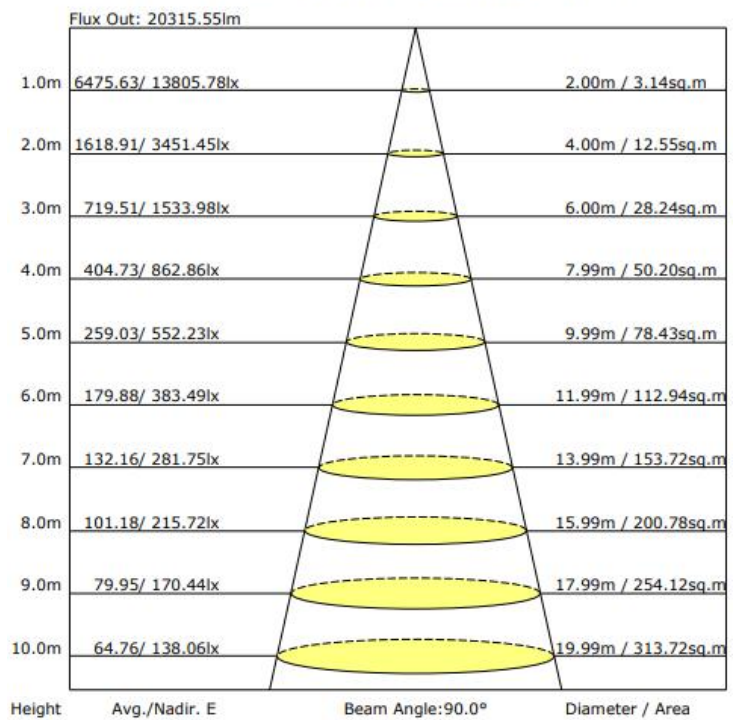


LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

| | |
|---|-------------------------------------|
| CIE Class: Direct | Total Rated Lamp Lumens: 29408.6 lm |
| Measurement Flux: 29408.6 lm | Efficiency: 100% |
| Downward Ratio: 100% | Upward Ratio: 0% |
| Horizontal Diffuse Angle(10%,50%): H136.2,H90 | |
| Vertical Diffuse Angle(10%,50%): V142,V89.5 | |
| Luminaire Efficacy Rating (LER): 139.36 | C0r0 Intensity: 13805.78 cd |
| Max. Intensity: 13811.53 cd | Pos of Max. Intensity: H292.5 V1 |
| S/MH(C0/C180): 1.24 | S/MH(C90/C270): 1.26 |

The Average Illuminance Effective Figure



NOTICE FOR USER

- • Please turn off power before installation or maintenance.
- • Verify that supply voltage is correct by comparing it with the luminaire label information. Please make sure the wiring is insulated.
- • Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.

TROUBLESHOOTING

| Problem | Solution |
|------------------------|---|
| Flickering light | Turn off the power, then turn on again after 3 minutes. If the light continues to flicker, call a licensed electrician. |
| Light is not coming on | Check the electrical connection. |