

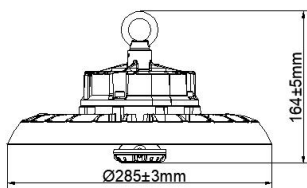
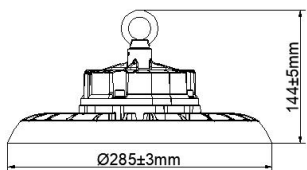


PLT-13074 - 150W, 22,544 Lumens, 5000K, 400W MH Equal, Black Finish, Sensor Ready

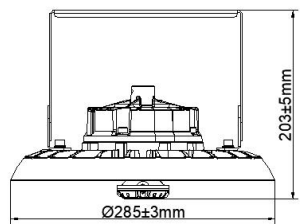
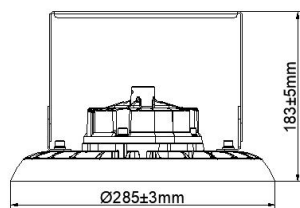


DIMENSIONS

Pendent



Surface-mounted w/ PLTS-12378



ADVANTAGE

- UL Certified
- Lumileds or Samsung Chip.
- Input voltage 120-277VAC.
- 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;
- Highway toll station;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

SPECIFICATIONS

| | | | | | | |
|-------------------|-------------------------------------|---|---------|---------|--------|---------|
| OPTICAL | Input Power (Tolerance : ±10%) | 150W | | | | |
| | Color Temperature | 3500K* | 4000K* | 4500K* | 5000K | 5700K* |
| | Lumen (Tolerance : ±10%) | 21493.2 | 21645.9 | 21798.6 | 22,544 | 22104.0 |
| | Efficacy (Tolerance : ±3%) | 144.34 | 144.83 | 145.85 | 150 | 147.35 |
| | CRI | >80 | | | | |
| | Color Consistency | <6 Steps (or <6 SDCM) | | | | |
| | UGR | <28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%) | | | | |
| | Diffuser Type | PC Lens | | | | |
| | Beam Angle (50%) (Tolerance : ±15%) | 90 Degree | | | | |
| ELECTRICAL | Input Voltage and Frequency | 120-277VAC, 50/60Hz | | | | |
| | PF (Tolerance : -3%) | ≥0.9 | | | | |
| | THD (Tolerance : +5%) | ≤20% | | | | |
| | Flicker Percent | <5% | | | | |
| | Driver Brand | Lifud Driver | | | | |
| | Driver Model | LF-FHB150YAIV | | | | |
| | Driver Surge protection | L/N-PE: 6kV, L-N: 6kV | | | | |
| | Dimming | 0-10V dimming standard | | | | |
| | Sensor type | Daylight Sensor ¹ , Occupancy Sensor ² , Multifunction Sensor ³ , Integral Sensor Receptacle | | | | |
| | Optional Accessory | Motion Microwave Sensor ⁴ , Motion PIR Sensor ⁵ Surge-protective Device ⁶ | | | | |
| MATERIALS | LED Brand | Lumileds | | | | |
| | LED Type | SMD2835 | | | | |
| | LED QTY | 240 PCS | | | | |
| | Housing | Die-cast aluminum | | | | |
| | Housing Color | Black (White or Customized*) | | | | |
| | 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 80°C | | | | |
| | Operating Humidity | 20% - 90% RH | | | | |
| | Storage Humidity | 10% - 95% RH | | | | |
| Warranty | 5 years | | | | | |

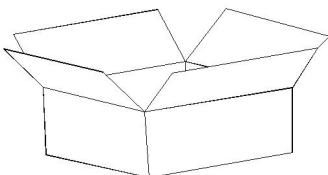
*Alternate color temperature and/or finishes available via Special Order. Please call 1-800-624-4488.

4000K Version w/ white finish - PLT-13078

PACKAGE

| Lamp Type | Carton Size | Qty / Carton | Net Weight / Carton | Gross Weight / Carton |
|-----------------|---------------|--------------|---------------------|-----------------------|
| Pendent | 300*300*130mm | 1 PC | 1.8KG | 2.5KG |
| Surface-mounted | 300*300*130mm | 1 PC | 2.4 KG | 3.1KG |

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.



Optional Accessories:

¹Daylight Sensor - NPS-00014*

²Occupancy Sensor - PLT-12844

³Multifunction Sensor - NPS-00016*

⁴Motion Microwave Sensor - NPS-00041*

⁵Motion PIR Sensor - NPS-00042*

⁶Surge-protective Device - NPS-00029*

Motion Sensor Remote - PLTS-12281 (use w/ PLT-12844)

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

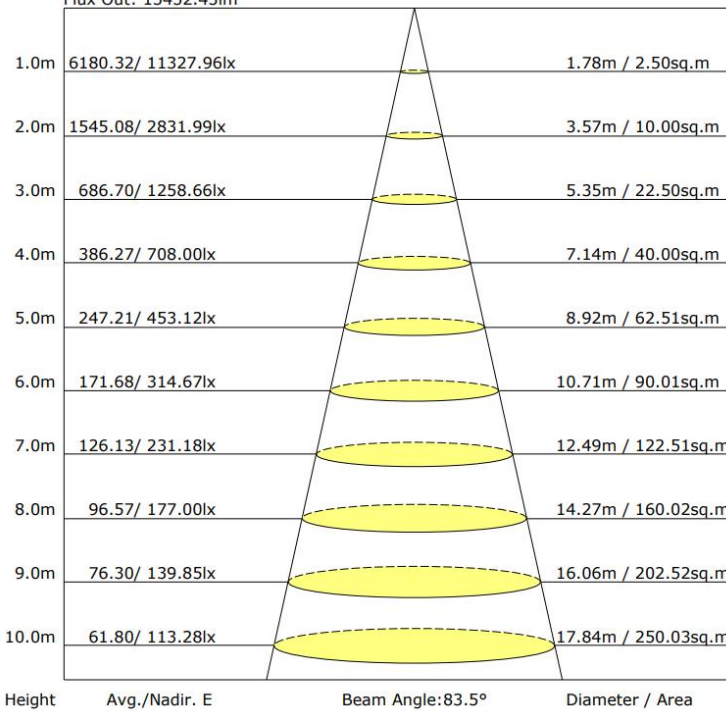
LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

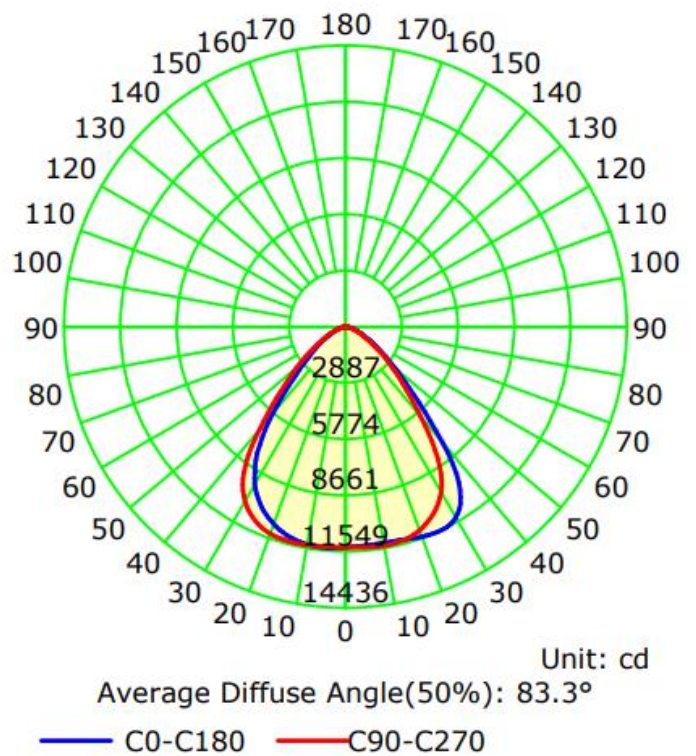
| | |
|---|-------------------------------------|
| CIE Class: Direct | Total Rated Lamp Lumens: 21493.2 lm |
| Measurement Flux: 21493.2 lm | Efficiency: 100% |
| Downward Ratio: 99% | Upward Ratio: 1% |
| Horizontal Diffuse Angle(10%,50%): H123.9,H83.6 | |
| Vertical Diffuse Angle(10%,50%): V123.9,V83.2 | |
| Luminaire Efficacy Rating (LER): 144.39 | C0r0 Intensity: 11327.96 cd |
| Max. Intensity: 11549.21 cd | Pos of Max. Intensity: H0 V25 |
| S/MH(C0/C180): 1.31 | S/MH(C90/C270): 1.28 |

The Average Illuminance Effective Figure

Flux Out: 15452.43lm



Luminous Intensity Distribution Curve



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. |
| Fixture not turning on | Check the electrical connection. |