

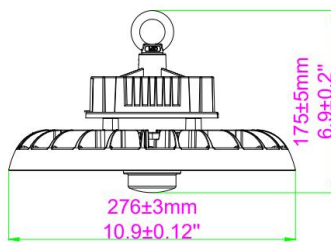
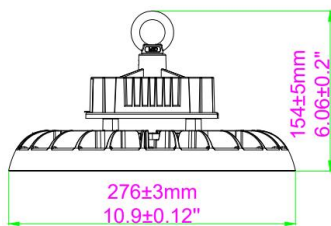


PLT-12749 - 100/120/150W,
3500/4000/5000K,
277-480V, 400W MH Equal,
Black Finish, Sensor Ready

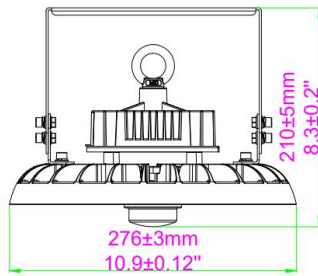
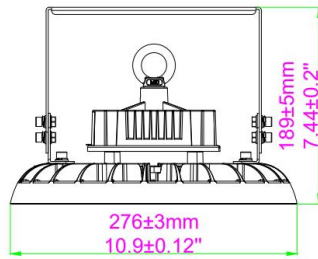


DIMENSIONS

Pendent



Surface-mounted w/ PLTS-12378



ADVANTAGE

- UL cUL certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 277-480VAC.
- 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 humming.
- Green and eco-friendly without mercury.

APPLICATION

- Warehouse, factory and workshops;
- Highway toll station and gas station;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

SPECIFICATIONS

| | | | | |
|-------------------|-------------------------------------|--|---------|---------|
| OPTICAL | Input Power (Tolerance : ±10%)** | 150W (wattage tunable 25%-100% or 150W/120W/100W) | | |
| | Color Temperature | 3500K | 4000K | 5000K |
| | Efficacy (Tolerance : -3%)** | 143LM/W | 160LM/W | 148LM/W |
| | Lumen (Tolerance : -10%)** | 21000LM | 24000LM | 22000LM |
| | CRI | >80 | | |
| | Color Consistency | <7 Steps (or <7 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 | 277-480VAC, 50/60Hz | | |
| | PF (Tolerance : -3%) | ≥0.9 | | |
| | THD (Tolerance : +5%) | ≤20% | | |
| | Flicker Percent | <5% | | |
| | Driver Brand | Fahold Driver (0-10V dimming) | | |
| | Driver Model | K1-V150B-260C12 | | |
| | Driver Surge protection | L/N-PE: 6kV, L-N: 6kV | | |
| | Dimming | 0-10V dimming standard(off) | | |
| | Optional Accessory | Motion Microwave Sensor ¹ , PIR Motion Sensor ² , Surge-protective Device ³ , Wire guard ⁴ , Reflector shield ⁵ | | |
| MATERIALS | LED Brand | Lumileds | | |
| | LED Type | SMD2835 | | |
| | LED QTY | 240*2PCS | | |
| | Housing | Die-cast aluminum | | |
| | Housing Color | White*, Black, 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 | | | |

*White Finish - PLT-12748

**Custom finish options available via Special Order. Call 1-800-624-4488.

PACKAGE

| Lamp Type | Carton Size | Qty / Carton | Net Weight / Carton | Gross Weight / Carton |
|-----------------|-------------------------------------|--------------|---------------------|-----------------------|
| Pendent | 295*295*135MM[11.61*11.61*5.31inch] | 1PCS | 2.1KG[4.63LBS] | 2.5KG[5.51LBS] |
| Surface-mounted | 295*295*135MM[11.61*11.61*5.31inch] | 1PCS | 2.5KG[5.51LBS] | 2.9KG[6.39LBS] |

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

Optional Accessories:

1Motion Microwave Sensor - NPS-00041

2Motion PIR Sensor - NPS-00042

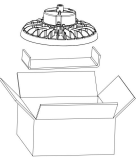
3Surge-protective Device - NPS-00029

4Wire Guard - NPS-00169

5Reflector Shield - NPS-00170

Selectable Table:

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





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 luminaries 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. |