



Round LED High Bay

DESCRIPTION

Featuring a low-profile design, these 240W UFO LED high bays are a one-for-one replacement of existing 1000W metal halide fixtures making them a cost-effective solid-state solution for high bay applications.

FEATURES

- Up to 140 LPW ultra-high efficiency delivers superior performance over older HID high bays
- Provides direct and indirect lighting, meaning that it directly lights the floor below and indirectly lights the ceiling above
- 0-10V dimming
- 6' power cord w/o plug standard for more installation flexibility
- Optional sensors and remote control; see Accessories section for more information
- Optional u-bracket available for surface mounting; see Mounting Accessories section for more information

LISTINGS

- IP65 Rated
- UL Listed for wet locations
- DesignLights Consortium® 5.1 Premium - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- CRI: >80
- CCT: 4000K
- Rated lifetime L70: 50,000 hours
- Philips Lumileds LEDs

THERMAL

- -40°F to 122°F (-40°C to 50°C) operating temperature

ELECTRICAL

- THD: ≥ 0.9
- Power Factor: ≤ 20%
- Input Voltage: 120-277V
- Surge Protection: 6kV
- Dimmable power supply (0-10V)

INSTALLATION

- Suspended mounting with included 10mm ring or surface mounting with u-bracket (sold separately); see installation instructions for more information

CONSTRUCTION

- Ships standard with impact resistant polycarbonate lens & reflector (90°)
- Slim, lightweight die-cast aluminum construction (9.57 lbs) allows for quick and easy installation
- 18-gauge power conductors (Line, Neutral, and Ground)
- 22-gauge control conductors (DIM +, DIM -, AUX)
- White or black finish

| | |
|----------------|---------|
| Project name | Type |
| Catalog number | |
| Comments | Voltage |
| Approved by | Date |



WARRANTY

- 5 year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Indoor Recreational Facilities
- Cold Storage
- Big Box Retail
- Service Repair Centers

PERFORMANCE SUMMARY

| Item # | Model | Watts | Lumens | LPW | CCT | CRI | Dimming | Voltage | Replaces | Finish | DLC # | DLC Level |
|-----------|-------|-------|--------|-----|-------|-----|---------|----------|----------|--------|----------------|-------------|
| PLT-13235 | Round | 240 | 33,642 | 140 | 4000K | >80 | 0-10V | 120-277V | MH1000 | White | PLTSN1B71411RP | 5.1 Premium |
| PLT-13236 | Round | 240 | 33,642 | 140 | 4000K | >80 | 0-10V | 120-277V | MH1000 | Black | PLTSN1B71421RP | 5.1 Premium |

ACCESSORIES

| SKU | Description |
|------------|---|
| PLT-12844 | High Bay Occupancy Sensor and Photocell – Passive Infrared (PIR) – White – Screw-In Connector – 12 Volt |
| PLT-13121 | High Bay Occupancy Sensor and Photocell – Passive Infrared (PIR) – White – Screw-In Connector – 12 Volt |
| PLTS-12281 | Motion Sensor Remote |

MOUNTING ACCESSORIES

| SKU | Description |
|------------|------------------------------|
| PLTS-12377 | Adjustable U-Bracket - White |
| PLTS-12378 | Adjustable U-Bracket - Black |

DIMENSIONS

DIMENSIONS

Height: 7.3"

Diameter: 14.2"

Weight: 7.94 lbs

W/ REFLECTOR

Height: 13.2"

Diameter: 16.2"

Weight: 9.57 lbs

Ring Mount Thread Size: 10MM

