| Project Name: | Part Number: | Type: |
|---|---|---|
| | | |

# HIGH BAY

## HIGH BAY

**ILP**

407-478-3759
www.ilp-inc.com

## FEATURES

- Aluminum body with steel channel for added rigidity
- Tool-less hinged bottom ballast access door
- Frosted or Polycarbonate Lens options
- High gloss polyester white paint
- Riveted construction and vented ballast channel
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- V-clips for dual point chain or cable hanging (std.)
- 0-10V Dimmable Driver
- 120-277V Universal Voltage
- 3000K - 5000K color temp.
- 5 Year Warranty
- ETL Damp Listed
- DesignLights Consortium® Qualified Luminaire

**REPLACES**
750W MH, 1000W MH

## SUITABLE APPLICATIONS

- Gymnasiums
- Manufacturing Plants
- Warehouses
- Distribution Centers

## LED SYSTEMS INFO

| | 285W | 380W |
|---|---|---|
| Calculated L$_{70}$ (TM-21) Hours | >100K | >100K |
| Delivered Lumens | 36,948 lm | 47,924 lm |
| Total Input Watts | 285 W | 385 W |
| Luminaire Efficacy Rating (LER) | 130 lm/W | 125 lm/W |
| Correlated Color Temperature (CCT) | 5000K | 5000K |
| Color Rendering Index (CRI) | >80 | >80 |
| Maximum Ambient Temperature | 130˚F | 130˚F |

FROSTED LED SYSTEMS INFO ON PAGE 2. LED System data above based on HB-285WLED-UNIV-50 & HB-380WLED-UNIV-50.
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25˚C ambient.

## ORDERING GUIDE:

| Series | Watts | Driver | Color | | Options | |
|---|---|---|---|---|---|---|
| **HB** High Bay | **285WLED** **380WLED** | **UNIV** 120-277 V Driver | **50** **40** **35** **30** | ☑ **N** | No Reflector (Recommended) | |
| | | | | **FRL** | Frosted Acrylic Lens | |
| | | | | **PCL\*** | Polycarbonate Lens | |
| | | | | **CORDx** | Cord (x = ft) | |
| | | | | **CORD/6FT/5WIRE/600W** | Used with DIM option | |
| | | | | **DIM** | 0-10V Dimmable Leads Installed | |
| | | | | **USBD** | User Bi-Level Dim Sensor w/ Occ. Sensor | |
| | | | | **BDxx** | Preset Bi-Level Dim Sensor (xx=%eg.20,30) | |
| | | | | **BDxxPC** | Preset Bi-level Dim Sensor w/ Photocell | |
| | | | | **DHPC** | Daylight Harvesting | |
| | | | | **FIOS** | On/Off Occupancy Sensor Installed | |
| | | | | **FIOSPC** | On/Off Occupancy Sensor w/ Photocell | |
| | | | | **FIOSPC/DLH** | On/Off Occupancy Sensor w/ Daylight Haresting | |
| | | | | **ES/HB** | EasySense High Bay Control | |
| | | | | **ES/IR†** | EasySense Commissioning IR Blaster | |
| | | | | **WC** | 11 GA Wire Cage | |
| | | | | **HB-XX-18Y-PAD** | Y-Toggle Cable System (XX = in) | |
| | | | | **FI/ILBCP05** | 5W LED Factory Installed Battery Backup | |
| | | | | **FI/ILBCP07** | 7W LED Factory Installed Battery Backup | |
| | | | | **FI/ILBCP10** | 10W LED Factory Installed Battery Backup | |
| | | | | **FI/ILBCP12** | 12W LED Factory Installed Battery Backup | |
| | | | | **CLD** | For Below 0°C / 32°F Environment | |
| | | | | **SD480\*** | 480V Step Down Transformer (285W / 380W DLC listed) | |
| | | | | **SD347\*** | 347V Step Down Transformer | |

\* Does not qualify for DLC
† One needed per project

# HIGH BAY

## HIGH BAY

| FROSTED LED INFO | 285W FRL | 380W FRL |
|---|---|---|
| Calculated $L_{70}$ (TM-21) Hours | >100K | >100K |
| Delivered Lumens | 33,921 lm | 43,230 lm |
| Total Input Watts | 285 W | 384 W |
| Luminaire Efficacy Rating (LER) | 119 lm/W | 113 lm/W |
| Correlated Color Temperature (CCT) | 5000K | 5000K |
| Color Rendering Index (CRI) | >80 | >80 |
| Maximum Ambient Temperature | 130˚F | 130˚F |

LED System data above based on HB-285WLED-UNIV-50-FRL & HB-380WLED-UNIV-50-FRL. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25˚C ambient.

## LINE DRAWING

285W & 380W
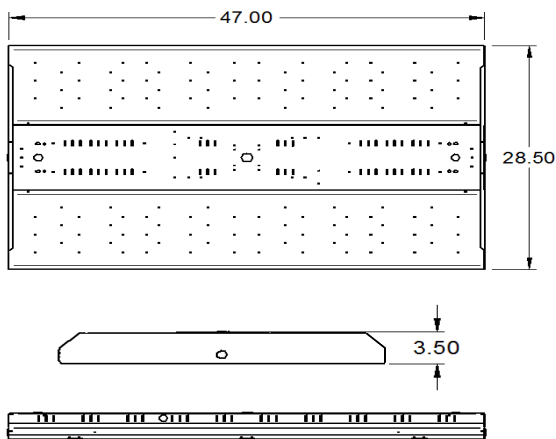


## MOUNTING OPTIONS

- **V-Clips** - Dual point chain or cable hanging (Std.)
- **HB-XX-18Y-PAD** - Includes two adjustable cable hangers
- **SMBZKIT** - Surface Mount Bracket Kit. Provides a 2" space above the fixture.
- **Fixture Mounting Box (FMB)** - Includes rigid box to attach to the fixture, provides for single point mounting to accept a pendant, hook or conduit hub (sold separately).
- **HUB 3/4"** - Conduit Hub 3/4" for Pendant Mounting
- **HOOK** - Cast iron hook for Single Point Mounting
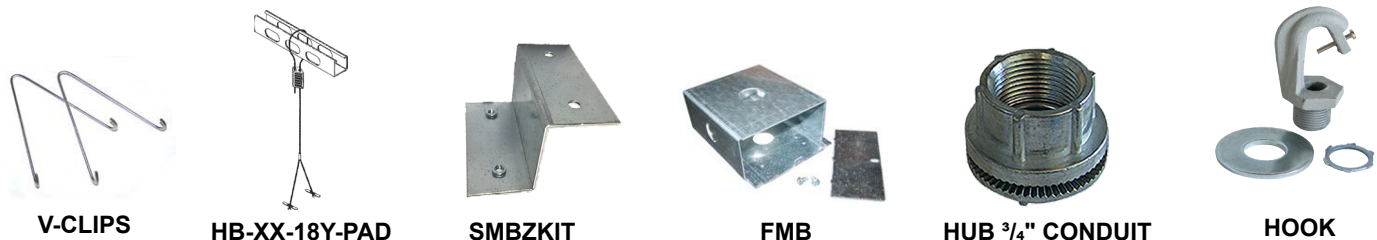


| V-CLIPS | HB-XX-18Y-PAD | SMBZKIT | FMB | HUB ¾" CONDUIT | HOOK |

# HIGH BAY
## HIGH BAY

## PHOTOMETRIC REPORTS
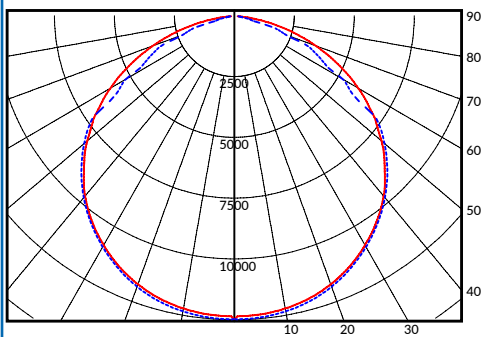
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

### HB-285WLED-UNIV-50

**SUMMARY DATA**

| | |
|---|---|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 36369.99 |
| INPUT WATTS: | 291.055 |

**PLANE AND CONE DIAGRAM**



Totally Asymmetric  Solid: 180-0 Degrees  Dashed: 270-90 Degrees

### HB-285WLED-UNIV-50-FRL

**SUMMARY DATA**

| | |
|---|---|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 33396.69 |
| INPUT WATTS: | 291.035 |

**PLANE AND CONE DIAGRAM**
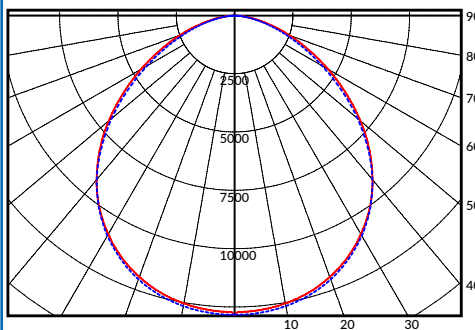


Totally Asymmetric  Solid: 180-0 Degrees  Dashed: 270-90 Degrees

### HB-380WLED-UNIV-50

**SUMMARY DATA**

| | |
|---|---|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 46827.19 |
| INPUT WATTS: | 384.581 |

**PLANE AND CONE DIAGRAM**
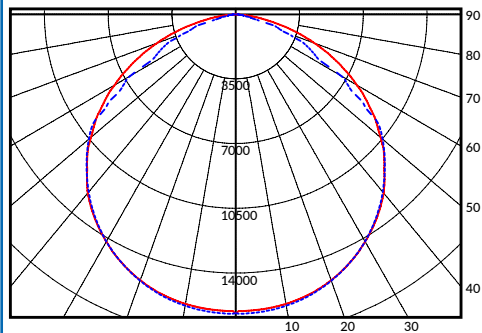


Totally Asymmetric  Solid: 180-0 Degrees  Dashed: 270-90 Degrees

### HB-380WLED-UNIV-50-FRL

**SUMMARY DATA**

| | |
|---|---|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 42248.21 |
| INPUT WATTS: | 383.6 |

**PLANE AND CONE DIAGRAM**



Totally Asymmetric  Solid: 180-0 Degrees  Dashed: 270-90 Degrees