PROJECT NAME:		
CATALOG NUMBER:	FIXTURE TYPE:	
VOLTS/WATTS:	LAMPS/BOARD:	

ILP

HIGH BAY FROSTED - 400W LED

PREMIUM HIGH BAY

REPLACES 1000W MH

FEATURES

- Aluminum Body with Steel Channels for Added Rigidity
- Tool-Less Hinged Bottom Ballast Access Doors
- Frosted Acrylic Lens (Std), Polycarbonate Lens Optional
- 95% Enhanced Aluminum Wide Distribution Reflectors (Std), No Reflectors (Recommended)
- High Gloss Polyester White Paint
- Riveted Construction and Vented Ballast Channel
- V-Clips for Dual Point Chain or Cable Hanging (Std)
- Multiple Dimming and Sensor Options to Fully Control Occupied and Unoccupied Light Levels
- 5000K Color Temp (Std)
- 5 Year Warranty
- ETL Damp Listed
- DesignLights Consortium® Qualified [2]

LED SYSTEM

Board (LG Chips)	16 x 56
Calculated L_{70} (TM-21)	93,000 hours
Delivered Lumens	47,797 lm
Total Input Watts	438.5 W
Luminaire Efficacy Rating (LER)	109.0 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	> 80
Max Ambient Temp	130° F [3]
Universal Driver	120-277 V

LED System data above based on HB-400WLED-UNIV-5000K-N-FRL
[1] LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient
[2] Specific Configurations Listed on DLC. [3] Max ambient temp applies to standard driver installed.
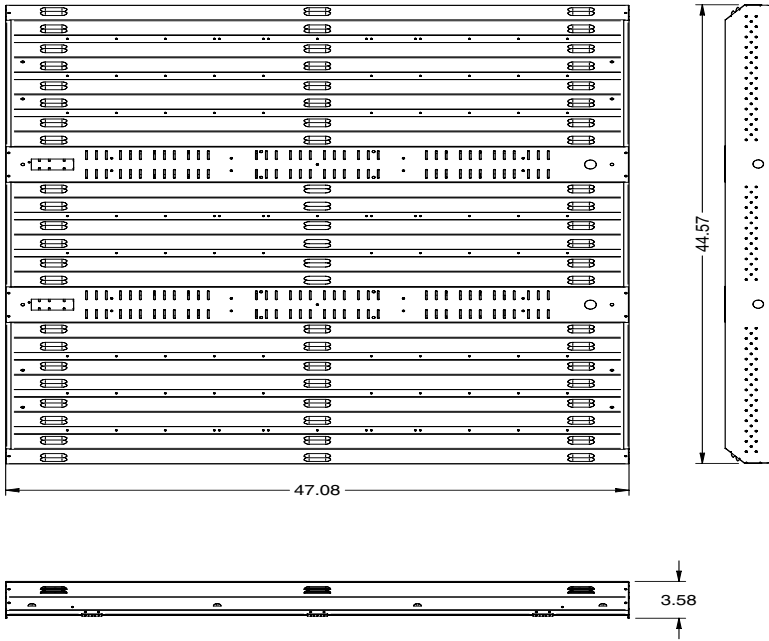
SUITABLE APPLICATIONS

- Warehouse
- Distribution
- Manufacturing Plant
- Gymnasium

Ordering Guide

HB	400WLED	UNIV	5000K	FRL	
Series	**LED**	**Driver**	**Color**	**Options**	
☐ **HB** High Bay 4ft	☐ **400WLED** 16x56 Board	☐ **UNIV** 120-277 Driver	☐ **4000K*** ☐ **5000K*** *DLC Listed Config.	☒ **FRL*** ☐ **PCL** ☐ **N*** ☐ **DIM** ☐ **FIOS** ☐ **FIOSPC** ☐ **USDC** ☐ **USBD** ☐ **BDxx** ☐ **BDxxPC** ☐ **DHPC** ☐ **PC** ☐ **SD480**** ☐ **LEDBB** ☐ **CLD** ☐ **CORDx** ☐ **QDCx** ☐ **HB-XX-18Y-PAD** ☐ **WC**	Frosted Acrylic Lens Polycarbonate Lens .125" No Reflector (recommended) 0-10V Dimmable Driver On/Off Occupancy Sensor Installed On/Off Occupancy Sensor w/ Photocell User Selectable Dimming Control User Select Bi-level Dim w/ Occ. Sensor Preset Bi-level Dim Sensor (xx=% eg. 20,30) Preset Bi-level Dim Sensor w/ Photocell Daylight Harvesting Photocell 480V Step Down Transformer LED Battery Backup (may reduce max ambient) For Below 0°C/32°F Environment Cord (X = ft) Quick Disconnect Cord (X = ft) Y-Toggle Cable System (XX = in) 11 Ga Wire Cage

**All 347V applications please contact factory for pricing
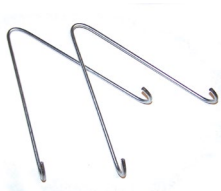
HIGH BAY FROSTED - 400W LED

PREMIUM HIGH BAY

LUMINAIRE OUTPUT = 44522 LM
120.0V 3.645A 435.3W PF= 0.995

SUMMARY DATA

HEMISPHERES TESTED:	LOWER
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	100.0 %
SPACING CRITERION (0-Deg.):	1.26
SPACING CRITERION (90-Deg.):	1.25
LUMENS/LAMP:	44563.53
NO. OF LAMPS:	1
LUMINOUS OPENING:	RECTANGULAR
Width:	3.04 (Feet)
Length:	3.92
Height:	0.00
INPUT WATTS:	435.3

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees

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

MOUNTING OPTIONS

- **V-Clips** for dual point chain or cable hanging (standard)
- **Y-Toggle Cable Kit** - Includes 2 adjustable cable hangers
- **Rigid Center Mount Bracket Kit** (RCMBK)

    Includes rigid bracket and screws to attach it to the fixture, provides for single point mounting to accept a pendant, hook, or conduit hub (sold separately).

V-Clips

HB-XX-PAD

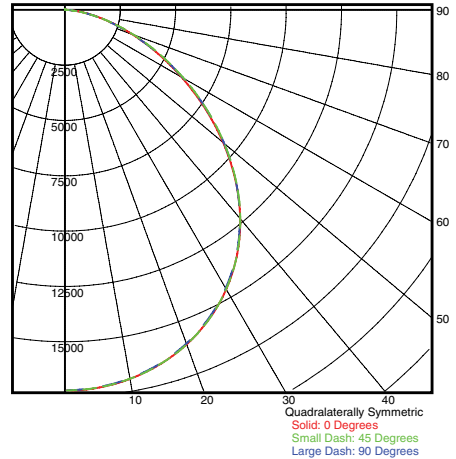**RCMBK**
(shown with hook)

HUB 3/4 CONDUIT

HOOK

LED lighting facts®
A Program of the U.S. DOE

Industrial Lighting Products

Light Output (Lumens)	**47797**
Watts	**438.5**
Lumens per Watt (Efficacy)	**109**
Color Accuracy Color Rendering Index (CRI)	**80**

Light Color Correlated Color Temperature (CCT) — **5000 (Daylight)**

Warm White	Bright White	Daylight
2700K 3000K	4500K	6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide.*

Registration Number: -DMZ6YV (1/16/2014)
Model Number: HB-400WLED-UNIV-5000K-FRL
Type: Luminaire - Industrial