ILP

HIGH BAY - 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 or Polycarbonate Lens Options
- 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]

DLC QPL LISTED™

LED SYSTEM

Board (LG Chips)	**16 x 56**
Calculated L_{70} (TM-21)	**93,000 hours**
Delivered Lumens	**49,507 lm**
Total Input Watts	**438.5 W**
Luminaire Efficacy Rating (LER)	**112.9 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
[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
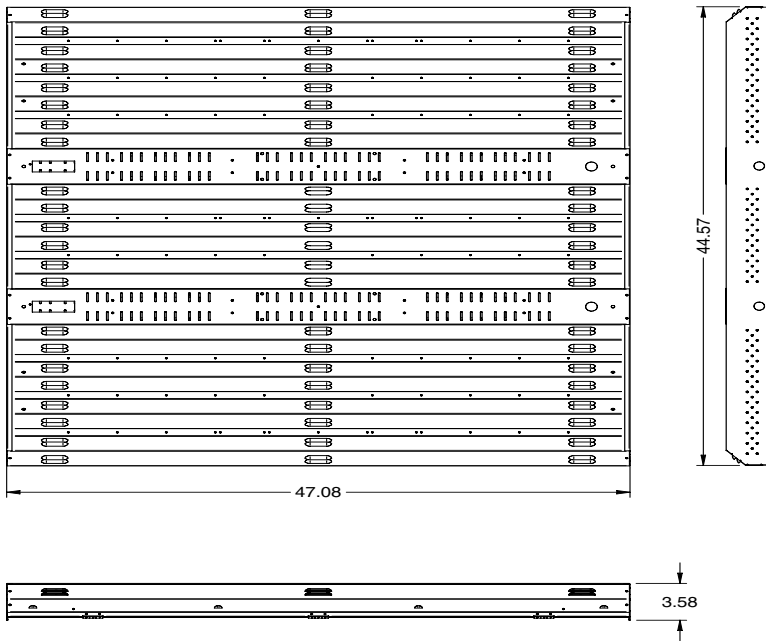- Manufacturing Plant
- Gymnasium

Ordering Guide

HB	400WLED	UNIV	5000K	eg: N
Series	**LED**	**Driver**	**Color**	**Options**

Series		LED		Driver		Color		Options	
☐ **HB**	High Bay 4ft	☐ **400WLED** 16x56 Board	☐ **UNIV** 120-277 Driver			☐ **4000K***		☐ **FRL**	Frosted Acrylic Lens
						☐ **5000K***		☐ **PCL**	Polycarbonate Lens .125"
								☐ **N***	No Reflector (recommended)
						*DLC Listed Config.		☐ **DIM**	0-10V Dimmable Driver
								☐ **FIOS**	On/Off Occupancy Sensor Installed
								☐ **FIOSPC**	On/Off Occupancy Sensor w/ Photocell
								☐ **USDC**	User Selectable Dimming Control
								☐ **USBD**	User Select Bi-level Dim w/ Occ. Sensor
								☐ **BDxx**	Preset Bi-level Dim Sensor (xx=% eg. 20,30)
								☐ **BDxxPC**	Preset Bi-level Dim Sensor w/ Photocell
								☐ **DHPC**	Daylight Harvesting
								☐ **PC**	Photocell
						**All 347V applications please contact factory for pricing		☐ **SD480****	480V Step Down Transformer
								☐ **LEDBB**	LED Battery Backup (may reduce max ambient)
								☐ **CLD**	For Below 0°C/32°F Environment
								☐ **CORDx**	Cord (x = ft)
								☐ **QDCx**	Quick Disconnect Cord (x = ft)
								☐ **HB-XX-18Y-PAD**	Y-Toggle Cable System (XX = in)
								☐ **WC**	11 Ga Wire Cage

HIGH BAY - 400W LED

PREMIUM HIGH BAY

44.57

47.08

3.58

LUMINAIRE OUTPUT = 49217 LM
120.0V 3.649A 435.9W PF= 0.995

SUMMARY DATA

HEMISPHERES TESTED:	LOWER
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	100.0 %
SPACING CRITERION (0-Deg.):	1.30
SPACING CRITERION (90-Deg.):	1.30
LUMENS/LAMP:	49271.26
NO. OF LAMPS:	1
LUMINOUS OPENING:	RECTANGULAR
Width:	3.04 (Feet)
Length:	3.92
Height:	0.00
INPUT WATTS:	436

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).
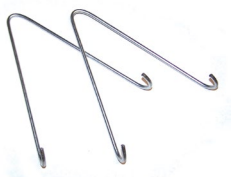
V-Clips

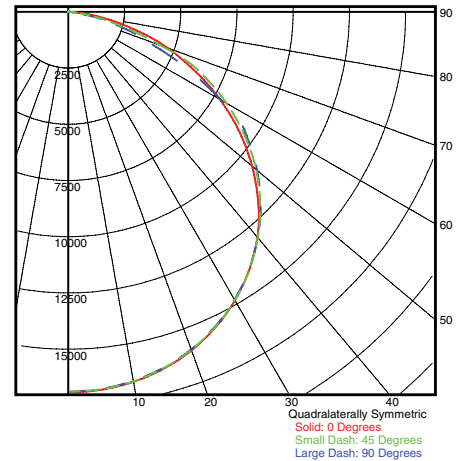**HB-XX-PAD**

RCMBK
(shown with hook)

HUB 3/4 CONDUIT

HOOK

Industrial Lighting Products

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

Light Output (Lumens)	**49507**
Watts	**438.5**
Lumens per Watt (Efficacy)	**112**
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: -2HP88Y (1/16/2014)
Model Number: HB-400WLED-UNIV-5000K
Type: Luminaire - Industrial