

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



HIGH BAY FROSTED - 300W LED

PREMIUM HIGH BAY

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⁾

REPLACES 750W MH



LED SYSTEM

Board (LG Chips)	12 x 56
Calculated L70 (TM-21)	88,000 hours
Delivered Lumens	33,150 lm
Total Input Watts	325.0 W
Luminaire Efficacy Rating (LER)	102.0 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	> 80
Max Ambient Temp	130° F ⁽³⁾
Universal Driver	120-277 V

SUITABLE APPLICATIONS

- Warehouse
- Distribution
- Manufacturing Plant
- Gymnasium

LED System data above based on HB-300WLED-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.



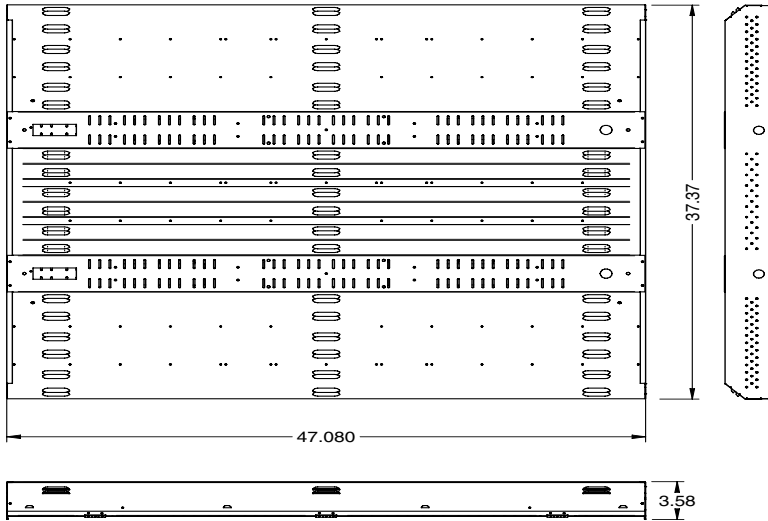
Ordering Guide

HB	300WLED	UNIV	5000K	FRL
Series	LED	Driver	Color	Options
<input type="checkbox"/> HB High Bay 4ft	<input type="checkbox"/> 300WLED 12x56 Board	<input type="checkbox"/> UNIV 120-277 Driver	<input type="checkbox"/> 4000K* <input type="checkbox"/> 5000K* <small>*DLC Listed Config.</small>	<input checked="" type="checkbox"/> FRL* <input type="checkbox"/> PCL <input type="checkbox"/> N* <input type="checkbox"/> DIM <input type="checkbox"/> FIOS <input type="checkbox"/> FIOSPC <input type="checkbox"/> USDC <input type="checkbox"/> USBD <input type="checkbox"/> BDxx <input type="checkbox"/> BDxxPC <input type="checkbox"/> DHPC <input type="checkbox"/> PC <input type="checkbox"/> SD480** <input type="checkbox"/> LEDBB <input type="checkbox"/> CLD <input type="checkbox"/> CORDx <input type="checkbox"/> QDCx <input type="checkbox"/> HB-XX-18Y-PAD <input type="checkbox"/> 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

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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

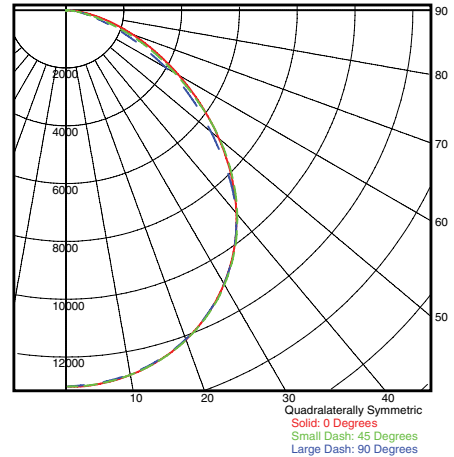
HB-300WLED-UNIV-5000K-N-FRL

LUMINAIRE OUTPUT = 32478 LM
120.1V 2.720A 325.0W PF= 0.995

SUMMARY DATA

HEMISPHERES TESTED:	LOWER
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	100.0 %
SPACING CRITERION (0-Deg.):	1.25
SPACING CRITERION (90-Deg.):	1.25
LUMENS/LAMP:	32509.32
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR	
Width:	3.04 (Feet)
Length:	3.92
Height:	0.00
INPUT WATTS:	325

PLANE AND CONE DIAGRAM



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

Industrial Lighting Products

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

Light Output (Lumens)	33150
Watts	325
Lumens per Watt (Efficacy)	102

Color Accuracy Color Rendering Index (CRI)	80
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Light Color
Correlated Color Temperature (CCT)

5000 (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: -4WMT5R (1/16/2014)
Model Number: HB-300WLED-UNIV-5000K-FRL
Type: Luminaire - Industrial