

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



# HIGH BAY - 300W LED

PREMIUM HIGH BAY

## 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 <sup>(2)</sup>

REPLACES 750W MH



## LED SYSTEM

Board (LG Chips)	12 x 56
Calculated L70 (TM-21)	88,000 hours
Delivered Lumens	36,725 lm
Total Input Watts	325.0 W
Luminaire Efficacy Rating (LER)	113.0 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	> 80
Max Ambient Temp	130° F <sup>(3)</sup>
Universal Driver	120-277 V

## SUITABLE APPLICATIONS

- Warehouse
- Distribution
- Manufacturing Plant
- Gymnasium

LED System data above based on HB-300WLED-UNIV-5000K-N

<sup>(1)</sup> LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient

<sup>(2)</sup> Specific Configurations Listed on DLC. <sup>(3)</sup> Max ambient temp applies to standard driver installed.



## Ordering Guide

HB	300WLED	UNIV	5000K	eg: N
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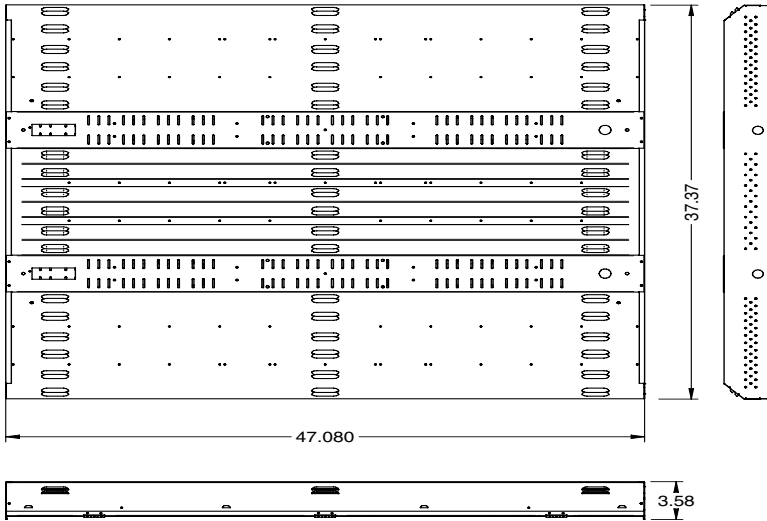
Series	LED	Driver	Color	Options
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<input type="checkbox"/> HB High Bay 4ft	<input type="checkbox"/> 300WLED 12x56 Board	<input type="checkbox"/> UNIV 120-277 Driver	<input type="checkbox"/> 4000K* <input type="checkbox"/> 5000K* <small>*DLC Listed Config.</small>	<input type="checkbox"/> FRL Frosted Acrylic Lens <input type="checkbox"/> PCL Polycarbonate Lens .125" <input type="checkbox"/> N* No Reflector (recommended) <input type="checkbox"/> DIM 0-10V Dimmable Driver <input type="checkbox"/> FIOS On/Off Occupancy Sensor Installed <input type="checkbox"/> FIOSPC On/Off Occupancy Sensor w/ Photocell <input type="checkbox"/> USDC User Selectable Dimming Control <input type="checkbox"/> USBD User Select Bi-level Dim w/ Occ. Sensor <input type="checkbox"/> BDxx Preset Bi-level Dim Sensor (xx=% eg. 20,30) <input type="checkbox"/> BDxxPC Preset Bi-level Dim Sensor w/ Photocell <input type="checkbox"/> DHPC Daylight Harvesting <input type="checkbox"/> PC Photocell <input type="checkbox"/> SD480** 480V Step Down Transformer <input type="checkbox"/> LEDBB LED Battery Backup (may reduce max ambient) <input type="checkbox"/> CLD For Below 0°C/32°F Environment <input type="checkbox"/> CORDx Cord (X = ft) <input type="checkbox"/> QDCx Quick Disconnect Cord (X = ft) <input type="checkbox"/> HB-XX-18Y-PAD Y-Toggle Cable System (XX = in) <input type="checkbox"/> WC 11 Ga Wire Cage
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\*\*All 347V applications please contact factory for pricing

# HIGH BAY - 300W LED

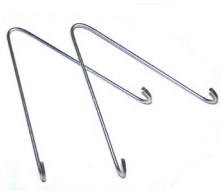
## PREMIUM HIGH BAY



## 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

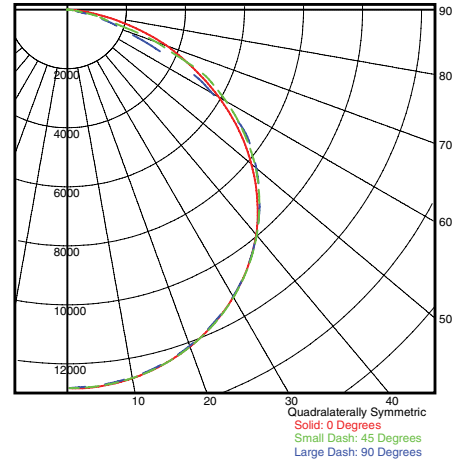
## HB-300WLED-UNIV-5000K-N

LUMINAIRE OUTPUT = 36884 LM  
120.1V 2.726A 325.6W 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:	36924.92
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR	
Width:	3.04 (Feet)
Length:	3.92
Height:	0.00
INPUT WATTS:	325.6

### 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](http://www.ilp-inc.com)

Industrial Lighting Products

**LED**  
**lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

<b>Light Output (Lumens)</b>	<b>36725</b>
<b>Watts</b>	<b>325</b>
<b>Lumens per Watt (Efficacy)</b>	<b>113</b>

<b>Color Accuracy</b> Color Rendering Index (CRI)	<b>80</b>
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<b>Light Color</b> Correlated Color Temperature (CCT)	<b>5000 (Daylight)</b>
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](http://www.lightingfacts.com) for the **Label Reference Guide**.

Registration Number: -1SY5D3 (1/16/2014)  
Model Number: HB-300WLED-UNIV-5000K  
Type: Luminaire - Industrial