

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



COMMERCIAL HIGH BAY - 100W LED

FEATURES

- Aluminum Body
- Tool-Less Hinged Bottom Ballast Access Door
- Frosted or Polycarbonate Lens Options
- Mil. Finish
- 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
- Universal 0-10V Dimmable Driver (Std)
- DesignLights Consortium® Qualified ⁽²⁾

REPLACES 250W MH



LED SYSTEM

Calculated L ₇₀ (TM-21)	>100K ⁽¹⁾
Delivered Lumens	11,244 lm
Total Input Watts	112 W
Luminaire Efficacy Rating (LER)	100 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 CHB-100WLED-UNIV-5000K

⁽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.

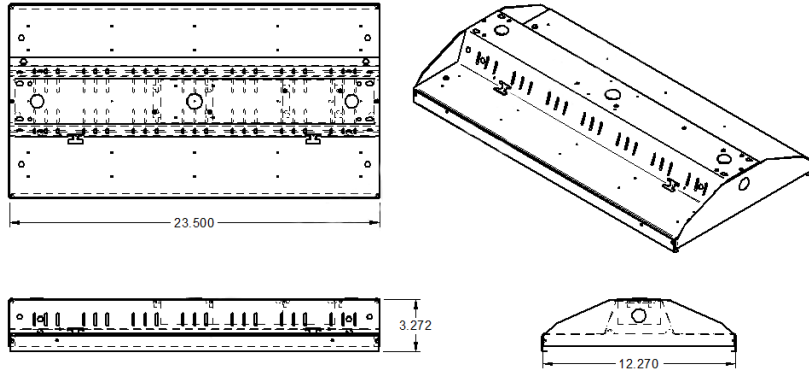


ORDERING GUIDE:

CHB	100WLED	UNIV	5000K	eg: CORDx
Series	LED	Driver	Color	Options
☐ CHB High Bay 2ft	☐ 100WLED	☐ UNIV 120-277 Driver	☐ 4000K ☐ 5000K	☐ FRL Frosted Acrylic Lens ☐ PCL Polycarbonate Lens .125" ☐ 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 ☐ 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

**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
- **SMBKIT** for surface mounting with 2" space above 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).



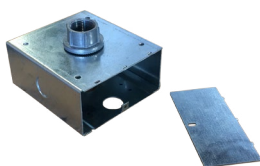
V-Clips



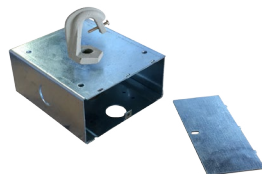
HB-XX-PAD



SMBKIT



FMB and HUB
3/4 CONDUIT



FMB and HOOK

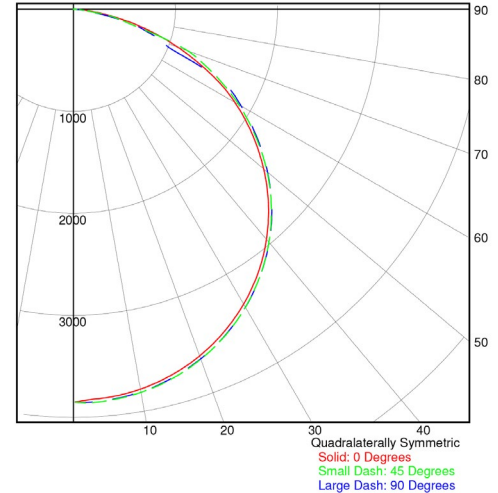
CHB-100WLED-UNIV-5000K

LUMINAIRE OUTPUT = 11386 LM
120.0V 0.9375A 111.9W PF=0.995

SUMMARY DATA

HEMISPHERES TESTED:	Lower
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
SPACING CRITERION: (0-Deg):	1.29
SPACING CRITERION: (90-Deg):	1.30
LUMENS/LAMP:	11398.63
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR:	
Width:	0.98 (Feet)
Length:	1.98
Height:	0.00
INPUT WATTS:	111.9

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

LED

Industrial Lighting Products

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)

11244

Watts

112.4

Lumens per Watt (Efficacy)

100.04

Color Accuracy

Color Rendering Index (CRI)

82

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: -ZIC3KF (10/9/2014)

Model Number: CHB-100WLED-UNIV-5000K

Type: Luminaire - Industrial