Project Name:	
Catalog Number:	Fixture Type:
Volts / Watts:	Lamps / Board:

ILP

PREMIUM HIGH BAY - 50W LED

INDUSTRIAL

FEATURES

- Premium Efficiency Delivers Maximum Savings
- Aluminum Body with Steel Channel for Added Rigidity
- Tool-less Hinged Bottom Ballast Access Door
- High Gloss Polyester White Paint
- Riveted Construction & Vented Ballast Channel
- Multiple Dimming & Sensor Options to Fully Control Occupied and Unoccupied Light Levels
- 0-10V Dimming Driver (Std)*
- Frosted Acrylic, Clear Acrylic, or Polycarbonate Lens Options
- V-Clips for Dual Point Chain or Cabling Hanging (Std.)
- 5 Year Warranty
- DesignLights Consortium® Premium Qualified Luminaire

To Ensure Lead Wires Are Attached, "DIM" Call Out Is Required When Building Part Number

LED SYSTEM

Calculated L$_{70}$ (TM-21)	>100K
Delivered Lumens	7,511lm
Total Input Watts	51W
Luminaire Efficacy Rating (LER)	148lm/W
Correlated Color Temperature (CCT)	5000K
Color Rendering Index (CRI)	>80
Max Ambient Temp	140°F
Min Ambient Temp	-40°F
Universal Driver	120-277V

LED System data above based on PHB-50WLED-UNIV-50
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25˚C ambient
Specific Configurations Listed on DLC

SUITABLE APPLICATIONS

- Warehouses
- Distribution Centers
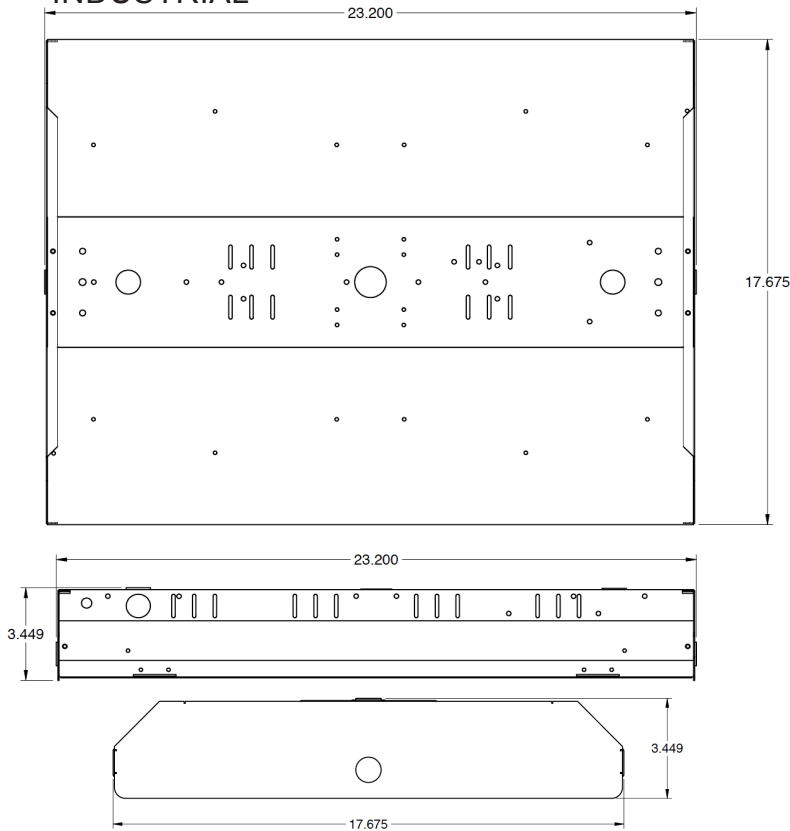- Manufacturing Plants
- Gymnasiums

Ordering Guide

PHB	50WLED	UNIV	50	e.g. FIOS	
Series	**LED**	**Driver**	**Color**	**Options**	
☐ **PHB** Premium High Bay	☐ **50WLED**	☐ **UNIV** 120-277V Driver	☐ **40** ☐ **50**	☐ FRL	Frosted Acrylic Lens
				☐ PCL*	Polycarbonate Lens
				☐ FIOS	On/Off Occupancy Sensor
				☐ FIOSPC	On/Off Occupancy Sensor w/ Photocell
				☐ FIOSPC/DLH	On/Off Occ. Sensor w/ Daylight Harvesting
				☐ DIM	0-10V Dimming Driver
				☐ USBD	User Select Bi-Level Dim w/ Occ. Sensor
				☐ BDxx	Preset Bi-Level Dim Sensor (xx = % e.g. 20, 30)
				☐ BDxxPC	Preset Bi-Level Dim Sensor w/ Photocell
				☐ DHPC	Daylight Harvesting
				☐ PC	Photocell
				☐ SD480*	480V Step Down Transformer
				☐ SD347*	347V Step Down Transformer
				☐ FI/ILBCP10**	10W LED Factory Installed Battery Backup
				☐ FI/ILBCP12**	12W LED Factory Installed Battery Backup
				☐ CORDx	Cord (x = Feet)
				☐ QDCx	Quick Disconnect Cord (x = Feet)
				☐ HB-60-18Y-PAD	Adjustable 60" Cable Hanging Set
				☐ WC*	11GA Wire Cage
				☐ FMB	Fixture Mounting Bracket
				☐ HUB 3/4" Conduit	For Pendant Mounting
				☐ HOOK	Cast Iron, Single Point Mount
				☐ SMBZKIT	Surface Mount Bracket Kit

*Option Not Currently DLC Qualified

**Reduces Max Ambient Temp.

PREMIUM HIGH BAY - 50W LED

INDUSTRIAL

23.200
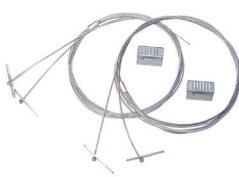
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17.675

MOUNTING OPTIONS

- **V-Clips -** For Dual Point Chain or Cable Hanging (Std.)
- **Y-Toggle Cable Kit** - Includes 2 Adjustable 60" Cable Hangers
- **SMBZKIT -** 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).
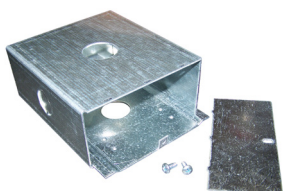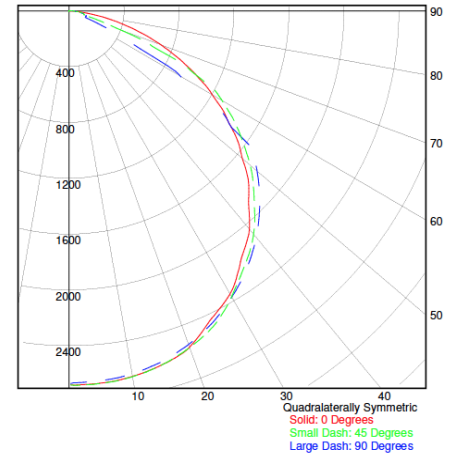

V-Clips

HB-60-18Y-PAD

SMBZKIT

FMB

HUB 3/4 CONDUIT

HOOK

PHB-50WLED-UNIV-50

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	99.9%
EFFICIENCY (Uplight):	0.1%
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg):	1.29
SPACING CRITERION (90-Deg):	1.31
LUMENS/LAMP:	7,434
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR:	
Width:	1.42 (Feet)
Length:	1.92
Height:	0.17
INPUT WATTS:	50.7

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

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

Industrial Lighting Products

Light Output (Lumens)	**7511**
Watts	**50.7**
Lumens per Watt (Efficacy)	**148.15**

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: -KTU3MC (6/24/2016)

Model Number: PHB-50WLED-UNIV-50

Type: Luminaire - Industrial