

Project	
Type	
Notes	
Catalog No.	
Date	

LEHB Series

LED High Bay (PCB)

The LEHB Series is the perfect lighting solution for a wide variety of applications. LED technology allows power and light levels to be customized to meet both energy and design needs.



Specifications

Applications

- Warehouse
- Distribution Centers
- Food Processing Plants
- Retail
- Industrial
- Commercial
- Gymnasiums

Construction

- Die formed 24 gauge cold rolled steel body
- Post painted with high gloss baked white matte powder coat
- Frosted diffuser

Mounting

- Various mounting options available, including suspension, pendant, and surface mount. V-Hooks Included. Cord and plug options offered.

Options

- Sensors can be integrated for additional energy savings
- Wireguard, top mount and no vents
- Emergency battery back-up
- Dimming

Warranty

- Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

Certification

- Adheres to LM79, LM80 and TM21 industry standards
- UL Listed
- DesignLights Consortium® (DLC) qualified
- Lighting Facts
- RoHS Compliant



Catalog Ordering Example

LEHB-22-135W-40K

LEHB			
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Family Type	Dimensions/Wattage	Color Temperature	Options
LEHB	22 - 68W (1 x 2 Foot, 65 Watt/ 8,515 lms)	40K (4000 Kelvin Temp)	OS (Occupancy Sensor)
	22 - 90W (1 x 2 Foot, 90 Watt/ 11,790 lms)	50K (5000 Kelvin Temp)	OSD (Occupancy Sensor w/ Daylight)
	22 - 110W (1 x 2 Foot, 110 Watt/ 14,440 lms)	57K (5700 Kelvin Temp)	PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell)
	22 - 135W (1.5 x 2 Foot, 135 Watt/ 17,685 lms)		PRGOS-LO (IRTEC LOD509 Bi-Level Occ Sensor w/ Photocell)
	22 - 162W (1.5 x 2 Foot, 162 Watt/ 21,222 lms)		PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)
	24 - 178W (1 x 4 Foot, 178 Watt/ 23,318 lms)		EMR (Emergency Battery)
	24- 223W (1 x 4 Foot, 223 Watt/ 29,312 lms)		480SD (480 Step-Down)
	24 - 265W (1.5 x 4 Foot, 265 Watt/ 34,715 lms)		PLG (6' SJT Cord & Plug)
	24 - 425W (2 x 4 Foot, 425 Watt/ 55,675 lms)		10GL (10' Loop w/ Gripple Hanging Kit)
			TMB (Top Mount Box)
			NV (No Vents)
			WG (Wireguard)

Specifications and Dimensions subject to change without notice. Contact factory for updates: (909) 948-8878

Safety Warning

FOR YOUR SAFETY, READ AND FOLLOW ALL INSTRUCTIONS TO PREVENT ELECTRIC SHOCK OR FIRE

- **INSTALLATION REQUIRES KNOWLEDGE OF LIGHTING LUMINAIRE ELECTRICAL SYSTEMS**
Contact qualified electrician prior to installation.
- **DISCONNECT POWER BEFORE INSTALLATION**
- **DO NOT ALTER PRE-EXISTING HOLES OR DRILL NEW HOLES**
- **CHECK FOR INCLOSED WIRING COMPONENTS PRIOR TO DRILLING**
Luminaire wiring, ballasts, power supplies or other electrical parts may be damaged.
- **USE ONLY ON COMPATIBLE LUMINAIRES**
Installation requires specific dimensions and construction features.
- **PROTECT WIRING FROM ABRASION**
Do not expose wiring to sharp objects or edges of sheet metal.

Installation Instructions

1. Disconnect Power to the circuit supplying power to the fixture
2. Removed the existing lamps and fixture
3. Disassemble new fixture to allow access to the LED Driver
4. Run existing power supply wires into fixture through fixture knock-out or end plug on fixture
5. Mount the fixture to surface, or hang fixture with appropriate fixture mounting hardware or install fixture in T-bar Ceiling (Be sure to follow local building codes for the appropriate fixture installation methods.)
6. Connect power supply wires to supplied wire disconnect to provide power to fixture
7. Re-assemble fixture
8. Re-connect power and check installation

Technical Information

Available CCT	40K, 50K & 57K
CRI	84
Delivered Lumens	See Performance Data
Dimming	0-10V Dimming Standard
Efficacy	131 LPW
Input Frequency	50/60 Hz
L70	122,000
IP Ratings	IP20
Light Source	LED Board
Power Factor	> 0.95
Power Source	LED High Efficiency Power Supply
Rated Wattage	See Performance Data
Temperature Rating	-40°C – 50°C Ambient
THD	< 20%
Voltage	100V to 277V

Application Photo



Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Tested Wattage (W)	5000K	
					Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	2'	LEHB-22-68W-50K	68	65	8,515	131
		LEHB-22-90W-50K	90	90	11,790	131
		LEHB-22-110W-50K	110	110	14,440	131
		LEHB-22-135W-50K	135	135	17,685	131
		LEHB-22-162W-50K	162	162	21,222	131
	4'	LEHB-24-178W-50K	178	178	23,318	131
		LEHB-24-223W-50K	223	223	29,312	131
		LEHB-24-265W-50K	265	265	34,715	131
		LEHB-24-425W-50K	425	425	55,675	131

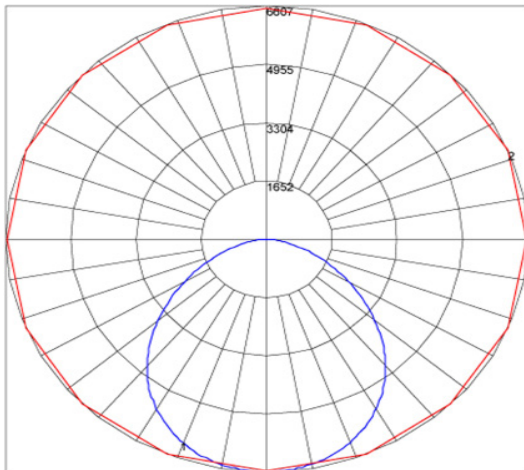
Photometric Data

LEHB-22-135W-40K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-10	624.31	3.66%
10-20	1,791.19	10.49%
20-30	2,707.05	15.86%
30-40	3,222.12	18.88%
40-50	3,193.20	18.71%
50-60	2,634.74	15.44%
60-70	1,781.07	10.45%
70-80	900.14	5.27%
80-90	214.87	1.26%

Polar Graph

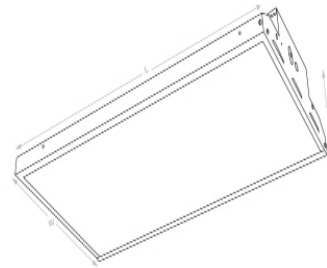


Physical Characteristics

Dimensions

Version	H	L	W
68WT, 90WT & 110WT	3.62"	23.8"	12.6"
135WT & 162WT	3.62"	23.8"	17.3"
178WT & 223WT	3.62"	45.9"	12.6"
265WT	3.62"	45.9"	17.3"
425WT	3.62"	45.9"	23.8"

Line Drawing



Weights

Model No.	Weight
68WT, 90WT & 110WT	10lbs
135WT & 162WT	12lbs
178WT & 223WT	15lbs
265WT	18lbs
420WT	22lb