



LED High Bay Warehouse Lighting Fixture

HBL001-4X60W-XPW-001



Replaces MH/HPS Lamps up to 400 Watts — Uses Only 97 Watts of Power — Over 70% Energy Savings

Operates on 100-277VAC — 10,621 Lumens — 115° Wide-Angle Beam Spread — Recommended Mounting: 20-30 ft

FEATURES

- **Lamp Warranty:** 5 Years
- **Low Power Consumption:** Only 97 Watts
- **Long Lifespan:** White LED Lumen Maintenance >70% at 50,000 Hours of Operation*
- **Life Expectancy:** Based on 12 hrs/day = 11.4 years
- **Protective Wire Guard:** Optional Use When Not Mandated
- **Wide Input Voltage Range:** 100-277VAC
- **Instant-On Light:** No Delay in Re-Strike
- **Super Intensity:** 3,705 Candelas
- **High CRI** Enhances All Colors
- **Optimized Circuitry:** Power Factor Corrected for Maximum Efficiency
- **Input Power Surge Protection:** Onboard 40kA Varistor
- **Solid-State:** High-Shock- & High-Vibration-Resistant
- **Wide Ambient Oper. Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- **Safety Assurance:** ETL Classified
- **DesignLights™ Consortium Approved:** Appears on DLC Qualified Products List
- **Eco-Friendly:** RoHS Compliant

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	HBL001-4X60W-XPW-001
Emitted Color	Pure White
Color Temperature	4745K~5310K
Color Rendering Index	74
Viewing Angle	115° [Full Beam Width @ 50% Intensity]
Input Voltage	100-277VAC [Tested @120VAC]
Input Current	0.810 A
Power Factor	0.99
Input Power	96.7 Watts
Efficacy	110 lm/Watt
Total Lumens	10621 lm
Max. Candela	3705 cd
Ambient Operating Temp.	~-22°F to ~+122°F [~-30°C to ~+50°C]
Body	White / Aluminum
Dimensions	Base Ø22.13" [Ø56.21 cm] Height 20.77" [52.8 cm]
Weight	18.35 lbs / 8.32 Kg



Luminaire shown with protective wire guard installed

White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.

APPLICATIONS

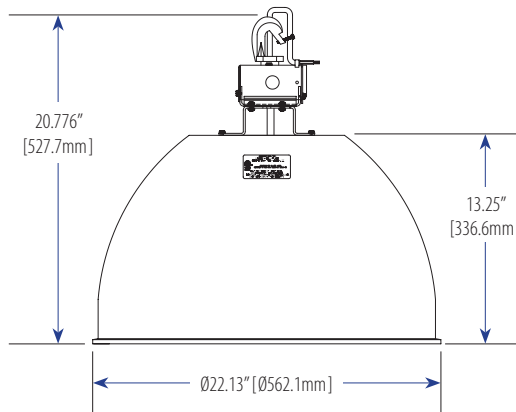
High-Bay Lights for:

- Warehouses
- Big-Box Stores
- Convention Centers
- Gymnasiums
- Indoor Arenas

Ideal for Use with Alternate Renewable Energy Resources – Solar & Wind Power

BENEFITS

- **Major Energy Savings:** Over 70% Compared to MH & HPS Lamps
- **Low Maintenance:** Reduces Re-lamp Frequency and No Ballast Replacement Costs
- **Eco-Friendly:** No Hazardous Materials
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects
- **Even Lighting:** High Intensity / No Halation
- **Instant Light:** No Flicker, No Delayed Startup Time
- **Cool Operation:** Generates Minimal Heat Compared to MH & HPS Lamps



* Rated average life based on engineering testing and probability analysis

www.LEDtronics.com

LOG 390 / Rev 09-2013

Check LEDTRONICS.COM for latest data. Printed material may be outdated.

LEDTRONICS®
Creating the Future of Light Since 1983™

© 2013 LEDtronics, Inc.



23105 Kashiwa Court, Torrance, CA 90505
Phone: (800) 579.4875 / (310) 534.1505
Fax: (310) 534.1424
E-mail: info@ledtronics.com
Website: ledtronics.com

LED High Bay Warehouse Lighting Fixture

HBL001-4X60W-XPW-001

Luminaire Photometric Report

Filename: HBL001-4X60W-XPW-001
Manufacturer: LEDTRONICS
Luminaire: LED HIGH BAY
Luminaire Cat: HBL001-4X60W-XPW-001
Lamp: LED
Lamp Cat: NA, LUMINAIRE OUTPUT = 10609 LM
Lamp Output: 1 lamp(s), rated Lumens/lamp: 10618.55
Max Candela: 3,705.7 at Horizontal: 180°, Vertical: 5°
Input Wattage: 96.7
Luminous Opening: Rectangle (L: 1.83ft, W: 1.83ft)
Test Lab: Intertek
Photometry: Type C
CIE Class: Direct
Cutoff Class: Full Cutoff
Nema Type: 7 X 7

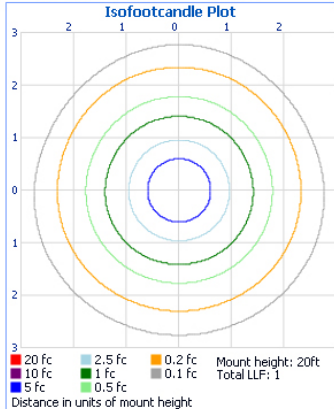
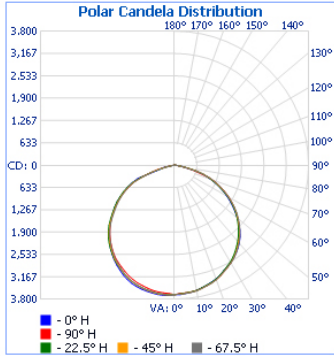
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,903.7	27.3%
0-40	4,807.9	45.3%
0-60	8,645.9	81.4%
60-90	1,972.6	18.6%
70-100	589.8	5.6%
90-120	0	0%
0-90	10,618.6	100%
90-180	0	0%
0-180	10,618.6	100%

Center Beam FC	Beam Width	
	Vertical Spread	Horizontal Spread
3.3R	330.56 fc	10.7ft 10.7ft
6.7R	82.64 fc	21.4ft 21.4ft
10.0R	36.73 fc	32.1ft 32.2ft
13.3R	20.66 fc	42.7ft 42.9ft
16.7R	13.22 fc	53.4ft 53.6ft
20.0R	9.18 fc	64.1ft 64.3ft

Vert. Spread: 116.1° Horiz. Spread: 116.2°

20 FEET



Luminaire Photometric Report

Filename: HBL001-4X60W-XPW-001
Manufacturer: LEDTRONICS
Luminaire: LED HIGH BAY
Luminaire Cat: HBL001-4X60W-XPW-001
Lamp: LED
Lamp Cat: NA, LUMINAIRE OUTPUT = 10609 LM
Lamp Output: 1 lamp(s), rated Lumens/lamp: 10618.55
Max Candela: 3,705.7 at Horizontal: 180°, Vertical: 5°
Input Wattage: 96.7
Luminous Opening: Rectangle (L: 1.83ft, W: 1.83ft)
Test Lab: Intertek
Photometry: Type C
CIE Class: Direct
Cutoff Class: Full Cutoff
Nema Type: 7 X 7

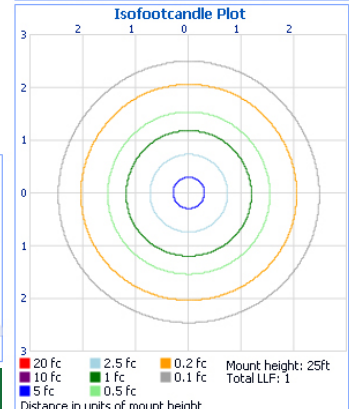
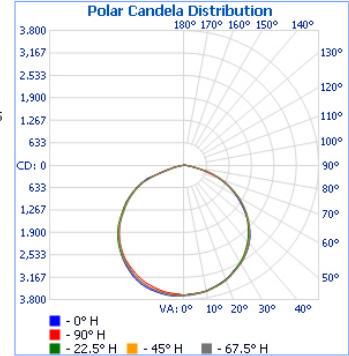
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,903.7	27.3%
0-40	4,807.9	45.3%
0-60	8,645.9	81.4%
60-90	1,972.6	18.6%
70-100	589.8	5.6%
90-120	0	0%
0-90	10,618.6	100%
90-180	0	0%
0-180	10,618.6	100%

Center Beam FC	Beam Width	
	Vertical Spread	Horizontal Spread
4.2R	211.56 fc	13.4ft 13.4ft
8.3R	52.89 fc	26.7ft 26.8ft
12.5R	23.51 fc	40.1ft 40.2ft
16.7R	13.22 fc	53.4ft 53.6ft
20.8R	8.46 fc	66.8ft 67.0ft
25.0R	5.88 fc	80.1ft 80.4ft

Vert. Spread: 116.1° Horiz. Spread: 116.2°

25 FEET



Luminaire Photometric Report

Filename: HBL001-4X60W-XPW-001
Manufacturer: LEDTRONICS
Luminaire: LED HIGH BAY
Luminaire Cat: HBL001-4X60W-XPW-001
Lamp: LED
Lamp Cat: NA, LUMINAIRE OUTPUT = 10609 LM
Lamp Output: 1 lamp(s), rated Lumens/lamp: 10618.55
Max Candela: 3,705.7 at Horizontal: 180°, Vertical: 5°
Input Wattage: 96.7
Luminous Opening: Rectangle (L: 1.83ft, W: 1.83ft)
Test Lab: Intertek
Photometry: Type C
CIE Class: Direct
Cutoff Class: Full Cutoff
Nema Type: 7 X 7

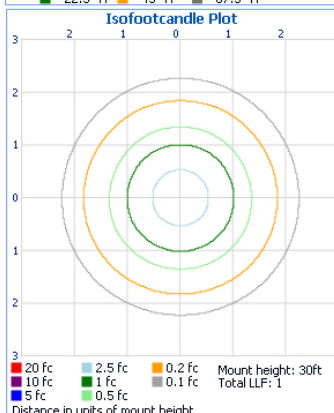
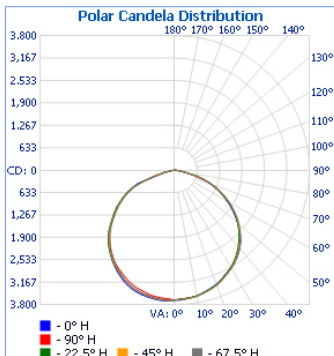
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,903.7	27.3%
0-40	4,807.9	45.3%
0-60	8,645.9	81.4%
60-90	1,972.6	18.6%
70-100	589.8	5.6%
90-120	0	0%
0-90	10,618.6	100%
90-180	0	0%
0-180	10,618.6	100%

Center Beam FC	Beam Width	
	Vertical Spread	Horizontal Spread
5.0R	146.92 fc	16.0ft 16.1ft
10.0R	36.73 fc	32.1ft 32.2ft
15.0R	16.32 fc	48.1ft 48.2ft
20.0R	9.18 fc	64.1ft 64.3ft
25.0R	5.88 fc	80.1ft 80.4ft
30.0R	4.08 fc	96.2ft 96.5ft

Vert. Spread: 116.1° Horiz. Spread: 116.2°

30 FEET



Luminaire Photometric Report

Filename: HBL001-4X60W-XPW-001
Manufacturer: LEDTRONICS
Luminaire: LED HIGH BAY
Luminaire Cat: HBL001-4X60W-XPW-001
Lamp: LED
Lamp Cat: NA, LUMINAIRE OUTPUT = 10609 LM
Lamp Output: 1 lamp(s), rated Lumens/lamp: 10618.55
Max Candela: 3,705.7 at Horizontal: 180°, Vertical: 5°
Input Wattage: 96.7
Luminous Opening: Rectangle (L: 1.83ft, W: 1.83ft)
Test Lab: Intertek
Photometry: Type C
CIE Class: Direct
Cutoff Class: Full Cutoff
Nema Type: 7 X 7

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,903.7	27.3%
0-40	4,807.9	45.3%
0-60	8,645.9	81.4%
60-90	1,972.6	18.6%
70-100	589.8	5.6%
90-120	0	0%
0-90	10,618.6	100%
90-180	0	0%
0-180	10,618.6	100%

Center Beam FC	Beam Width	
	Vertical Spread	Horizontal Spread
6.7R	82.64 fc	21.4ft 21.4ft
13.3R	20.66 fc	42.7ft 42.9ft
20.0R	9.18 fc	64.1ft 64.3ft
26.7R	5.17 fc	85.5ft 85.8ft
33.3R	3.31 fc	106.8ft 107.2ft
40.0R	2.30 fc	128.2ft 128.6ft

Vert. Spread: 116.1° Horiz. Spread: 116.2°

40 FEET

