

Model No.	Diameter (D)	Height (H)
LED-HBL-050	9.25 in.	4.37 in.
LED-HBL-100	11.00 in.	7.28 in.
LED-HBL-150	13.38 in.	7.36 in.
LED-HBL-200	15.75 in.	7.71 in.
LED-HBL-240	15.75 in.	7.71 in.
LED-HBL-300	18.11 in.	9.37 in.

**** AVAILABLE ****

Bi-Level Dimming 100% 50%

0 - 10V FULL DIMMING

Incredible **100,000** hrs

GENERAL DESCRIPTION

Neptun's LED high-bay fixtures feature a sleek architectural design and durability to be used in new construction or retrofit applications. The LED-HBL series fixture features excellent optics and its rugged design allows for use in a variety of indoor and outdoor applications. It can replace existing HID & HPS fixtures up to 750 Watts.

APPLICATION

- Warehouse Lighting
- Factory Lighting
- Retail Lighting
- Showroom Lighting
- Grocery Store Lighting
- Area & Storage Lighting
- Gymnasium Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Heat and impact resistant tempered glass lens.
- Corrosion resistant electrocoat black finish.
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Various mounting options available.
- High Output LED's.
- High power factor, low THD driver with 6kV/3kA surge protection.
- High performance Thermal Management system.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 20 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-HBL-050-UNV-0-10VDIM-850-MD-YK-C3
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	CCT	Accessories	Options
LED-HBL = High-Bay Fixtures	050 = 50 W 100 = 100 W 150 = 150 W 200 = 200 W 240 = 240 W 300 = 300 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	841 = 4100°K 850 = 5000°K	MD = Motion Sensor ON/OFF DLH = Day Light Harvesting* YK = Yoke Mount for surface and pendant mounting * Used with 0-10V Dimming **See pg. 2 for mounting	C3* = 3' Cord-No Plug (other lengths available C6 = 6' cord) PC3 = 3' Cord with NEMA Plug (verify plug type when ordering) * Standard



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PRODUCT INFORMATION

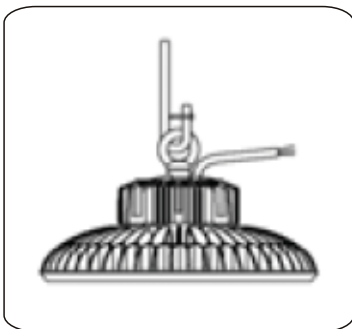
Model No.	Description	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-HBL-050-UNV	LED Low-Bay	50	6,750	120-277	0.43 - 0.18	<15%	>0.95	4 lbs.
LED-HBL-100-UNV	LED High-Bay	100	13,500	120-277	0.87 - 0.37	<15%	>0.95	8 lbs.
LED-HBL-150-UNV	LED High-Bay	150	20,250	120-277	1.31 - 0.56	<15%	>0.95	10 lbs.
LED-HBL-200-UNV	LED High-Bay	200	27,000	120-277	1.74 - 0.75	<15%	>0.95	13 lbs.
LED-HBL-240-UNV	LED High-Bay	240	32,400	120-277	2.10 - 0.90	<15%	>0.95	13 lbs.
LED-HBL-300-UNV	LED High-Bay	300	40,500	120-277	2.62 - 1.13	<15%	>0.95	22 lbs.

SPECIFICATIONS

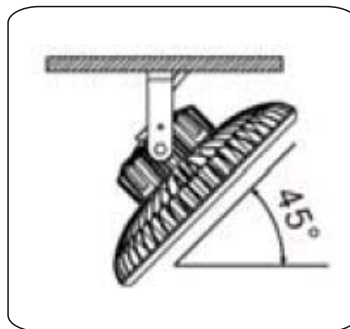
- Driver Constant Current
- Start Method InstantON
- Hot Re-start InstantON
- Driver UL Rating Class 1
- Driver UL Outdoor Rated Wet Location
- Sound Rating Class A
- ANSI Surge Protection IEEE C62.41 C High
- Driver Off-State Draw 0 Watts
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Projected (L70) @ 25°C > 100,000 hrs.
- Color Temperature Multiple ($\pm 300^{\circ}\text{K}$)
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature $+50^{\circ}\text{C}$
- Lumens per Watt > 130
- Shock / Vibration Resistant Yes
- Power Factor > 0.95
- Total Harmonic Distortion < 15%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- Housing IP Rating IP65
- Warranty 5 Year

MOUNTING OPTIONS

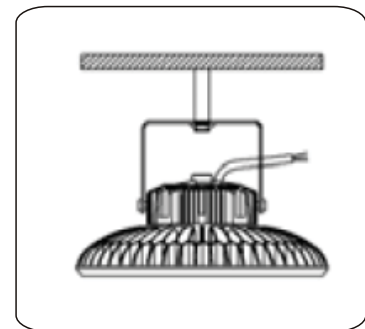
Hook Mount (Standard)



Adjustable Yoke Mount (YK)



Pendant Mount (YK)
Verify 1/2" or 3/4"



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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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