

# HBL-A Series LED Linear High Bay



## Product Highlights

- Compatible with Jarvis Link networked lighting control systems
- Z10 ready
- 0-10V dim-to-off + 12v auxiliary power for accessories and wattage option available
- 150 lm/w efficacy
- 10 Year Warranty

### Jarvis HBL-A Series

Z10 accessory ready

Optical diffuser improves eye comfort and reduces glare

Housing built from durable stamped steel with integrated thermal management for increased fixture longevity

### Competitors' Products

Limited sensor options available and difficult to install

Poor optics produce a high level of unwanted glare

Fixture runs at a higher operating temperature increasing wear on electrical components and reduces fixture's lifetime

## Ordering Guide

Example: HBL-A-1x2-24L-50K-Z10R

Product Family	Housing Size	Lumen Output	CCT	Dimming/Control
HBL-A Linear High Bay	1x2 - 1ft x 2ft	12L - 12,376 Lumens	40K - 4000K	Z10R - Z10 Ready
		16L - 16,811 Lumens		
		24L - 25,150 Lumens	50K - 5000K	
		33L - 32,308 Lumens		
	45L - 44,479 Lumens			
1x4 - 1ft x 4ft	45L - 44,479 Lumens			

Variants in blue are typically quick ship items. Variants in white are typically special order with longer lead time.

## Additional Field Installed Accessories

Catalog #	Description
JL-Z10-SPM-INT-WHT-V1	Jarvis Link Z10 Interior Bluetooth PIR Motion Sensor + Photocell (White Color) - 40ft Max Mounting Height*
JL-Z10-WCM-WHT-V1	Jarvis Link Z10 Bluetooth Wireless Control Module (White Color)*
S-Z10-SPM-EXT-WHT-V1	Remote Programmable PIR Z10 Motion Sensor + Photocell (White Color) - 40ft Max Mounting Height
S-Z10-SPM-EXT-WHT-V2	Remote Programmable Microwave Z10 Motion Sensor + Photocell (White Color) - 40ft Max Mounting Height
HBL-A-AC-WG12	Wire Guard for 1ft x 2ft HBL-A
HBL-A-AC-WG14	Wire Guard for 1ft x 4ft HBL-A
HBL-A-AC-PM1	Pendant Mount Box for HBL-A
HBL-A-AC-BBK-12L/16L/24L/33L	25W Emergency Backup Battery Kit for 80W/110W/165W/220W HBL-A
HBL-A-AC-BBK-45L	40W Emergency Backup Battery Kit for 300W HBL-A

\*Jarvis Link System requires prior training with Jarvis representative

## Electrical

**Input Voltage:** 120-277V 50/60Hz

**Power Factor:** >.9 at full load

**Total Harmonic Distortion:** <20% full load

Includes over voltage protection, overcurrent protection, and short circuit protection.

**Operating Temperature Range:** -40°C to 45° C Ambient (-40°F to 113°F)

## Controls and Dimming

0-10V dimming leads are default on all 120-277V input models and accessible outside the fixture body. The power supply is capable of providing 12VDC auxiliary output power for a variety of accessories.

The HBL-A Z10R models features a dim-to-off driver and a Z10 receptacle. They are compatible with Jarvis Lighting networked lighting control system. This systems allow the lights to communicate with each other via Bluetooth® signal. Systems are typically capable of grouping, controlling and dimming lights through a number of methods including motion sensors, photo sensors, schedules, manual Bluetooth switches and more.

The HBL-A series is compatible with Jarvis Lighting's PhotoMotion™ sensors or network lighting control system. PhotoMotion™ sensors provide multi-level control based on both motion and/or ambient natural lighting levels and can be custom programmed via remote control.

The HBL-A Series is compatible with many other photosensors and motion sensor systems. Contact a Jarvis representative for more information.

## DLC Product ID and Specifications

Jarvis Model #	DLC Product ID	Input	Lumens	Wattage	CCT	CRI	PF
HBL-A-1x2-12L-50K-Z10R	S-RVPYXG	120-277V 50/60Hz	12,376 lm	80W	5000K	≥ 80	≥ 0.9
HBL-A-1x2-16L-50K-Z10R	S-D6XGSB	120-277V 50/60Hz	16,811 lm	110W	5000K	≥ 80	≥ 0.9
HBL-A-1x2-24L-50K-Z10R	S-WLHNTB	120-277V 50/60Hz	25,150 lm	165W	5000K	≥ 80	≥ 0.9
HBL-A-1x2-33L-50K-Z10R	S-OLE3CB	120-277V 50/60Hz	32,308 lm	220W	5000K	≥ 80	≥ 0.9
HBL-A-1x4-45L-50K-Z10R	S-7IYLMO	120-277V 50/60Hz	44,479 lm	300W	5000K	≥ 80	≥ 0.9



## Construction and Materials

Housing is constructed from stamped steel with integrated thermal management design.

The housing features a powdercoat finish. Powdercoat finish is applied directly to housing and will not crack or peel. Default color is white. Custom colors are available. Contact the factory for additional color information.

Lens construction is frosted polystyrene with glare reduction optics and a 90° beam angle

Luminaire's construction contains zero mercury

Fasteners are stainless-steel and will not rust or create rust-streaks

## Regulatory and Voluntary Qualifications

ETL listed to UL 1598 and UL 8750 for both US and Canada

State of California Title 24 Compliant when installed in accordance with local requirements

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

Rated for Dry and Damp Locations

## Warranty and Lifetime

HBL-A Series carries a 10-year limited warranty.

Contact Jarvis representative for details.

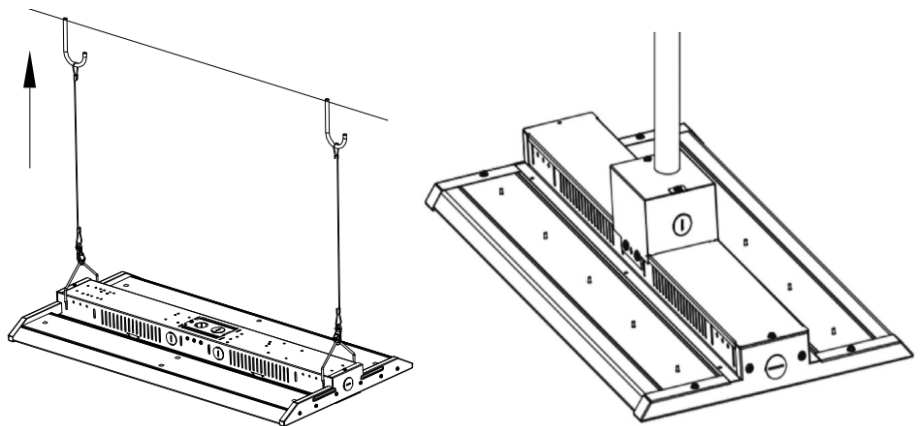
Projected LED lifetime exceeds 50,000 hours under most operating conditions. Lifetime projections are calculated using data including LM-79, LM-80 and TM-21 calculations. Contact Jarvis representative for details.

## Installation

Luminaire can be installed via an included adjustable length steel cable and V-hook for suspension mounting. Luminaire can also be installed via a pendant mount or junction box surface mount. Pendant or junction box mounting requires separately ordered accessory kit. Luminaire features 7" input power and dimming wire leads accessible outside the luminaire for each of the installation connections.

When installing Z10 compatible accessories, the receptacle cover cap must first be removed. Z10 compatible accessories must be inserted and rotated until locked into place on the receptacle.

Contact a Jarvis Representative for full installation instructions, videos or additional information.



## Accessories

The HBL Series is compatible with many photosensors and motion sensor systems. For pendant or junction box mounting applications, accessory kit must be ordered separately. Contact a Jarvis representative for more information.

## Photometrics

Photometric information, including LM-79 reports and .IES files are available for most models at [www.jarvislighting.com](http://www.jarvislighting.com). Site photometrics and lighting layouts are available.

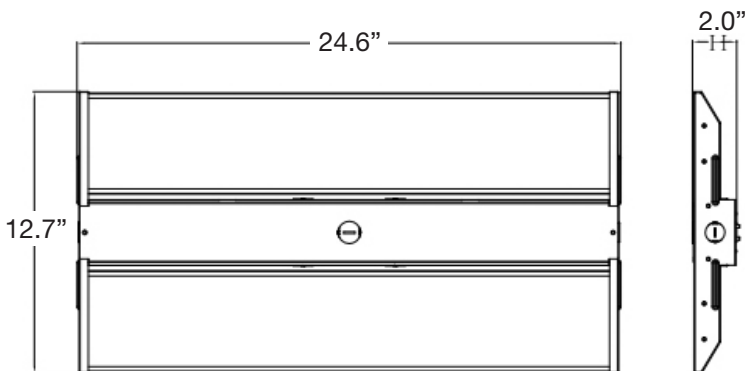


## Product Weight:

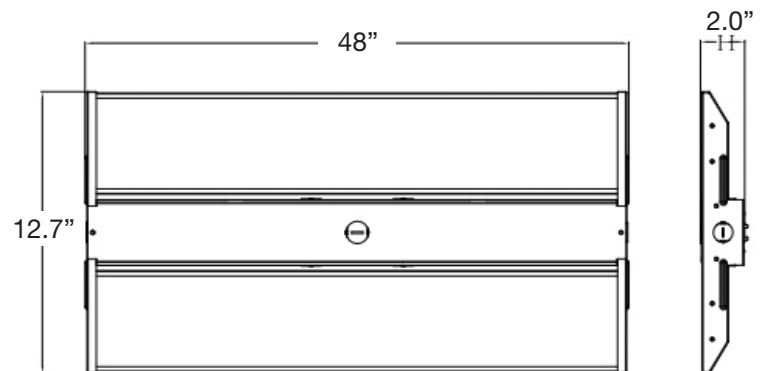
Model	Net Weight
HBL-A-1x2	5.9 lbs
HBL-A-1x4	13.6lbs

## Dimensions:

*HBL-A-1x2*



*HBL-A-1x4*



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