



Project

Product Code

Type

Date

Approval

This superior-grade LED high bay is designed for both surface and suspended mounting. It is ideal for indoor use, where energy-efficiency, performance and ease of maintenance is essential. With its rugged design and superior light paths the BLHA is an ideal fixture for high bay applications

Overview

- L70 of 150,000 hours+
- L90 of 42,000 hours+
- 0-10V dimming standard

Construction

- Manufactured in Ontario, Canada
- Precision bent cold-rolled steel components
- Steel end caps for added rigidity
- Powder coated for a clean look and durable finish
- Access panel provided for easy wiring
- Shallow fixture design provides a clean appearance for many environments

Electrical

- ETL certified to UL Canada and United States standards.
- Available in 120-277V, 347V and 480V

Optics

- High-efficiency diffuser maximizes light distribution while providing diffusion of LED point sources and reducing glare

Mounting

- Holes provided for v-hangers, s-hook chain-mounting or aircraft cable
- Optional pendant mounting and surface mounting

Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Motion sensor options available
- Lumen packages are available from 10,000L to 48,000L
- Wire guard
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- Bluetooth and wireless mesh networks controls

NOTES

↓ ↓ ↓ NOMENCLATURE

Fixture Type	Fixture Size	Lumen Output	CRI	Color Temp	Driver Voltage	Options
BLHA	-	-	L	-	-	-
	2'	14	8 - 80 CRI	30 - 3000 K	UNV - 120-277V	
		15	9 - 90 CRI	35 - 3500 K	347 - 347V	
		18		40 - 4000 K	480 - 480V	
		20		50 - 5000 K		
		24		65 - 6500 K		
	4'	30				
		36				
		40				
		48				

OPTIONS

Lenses

- L0 - No Lens
- L55 - Clear Acrylic Lenses
- L67 - Frosted Acrylic Lenses

Cords

- W3xx - 16/3 White Cord
- W4xx - 16/3 Black Cord
- W** - Other Options Available

XX	Cord Length
06	6 Ft
10	10 Ft
15	15 Ft
20	20 Ft

Example: W306 - 6 foot white cord

Mounting

- M1 - V-Hangers
- M2xx - V-Hangers & Aircraft Cables
- M3xx - Y-Toggle Aircraft Cables
- M24 - Single Pendant Mount
- M25 - Surface Mount Brackets
- M** - Other Options Available

XX	Aircraft Length
05	5 Ft
10	10 Ft
15	15 Ft
20	20 Ft

Example: M310 - 10 foot aircraft cables

Wire Guard

- G1 - White Wire Guard

Motion Sensor

- W26 - Photocell Motion Sensor
- W53xxx - On/Off Motion Sensor
- W57 - Dimming Motion Sensor (Dims to 50% and stays at 50% output when unoccupied)
- WX16 - Microwave Dimmable Sensor
- W** - Other Options Available

Controls

- B11 - 0-10V Dimming Leads
- B17 - Battery Back Up
- B** - Other Options Available
- WC** - Wireless Controls

Colours

- Blank - Pre-painted Steel
- C5 - Black Low-Gloss, Matte Finish
- C** - Other Options Available

Packaging

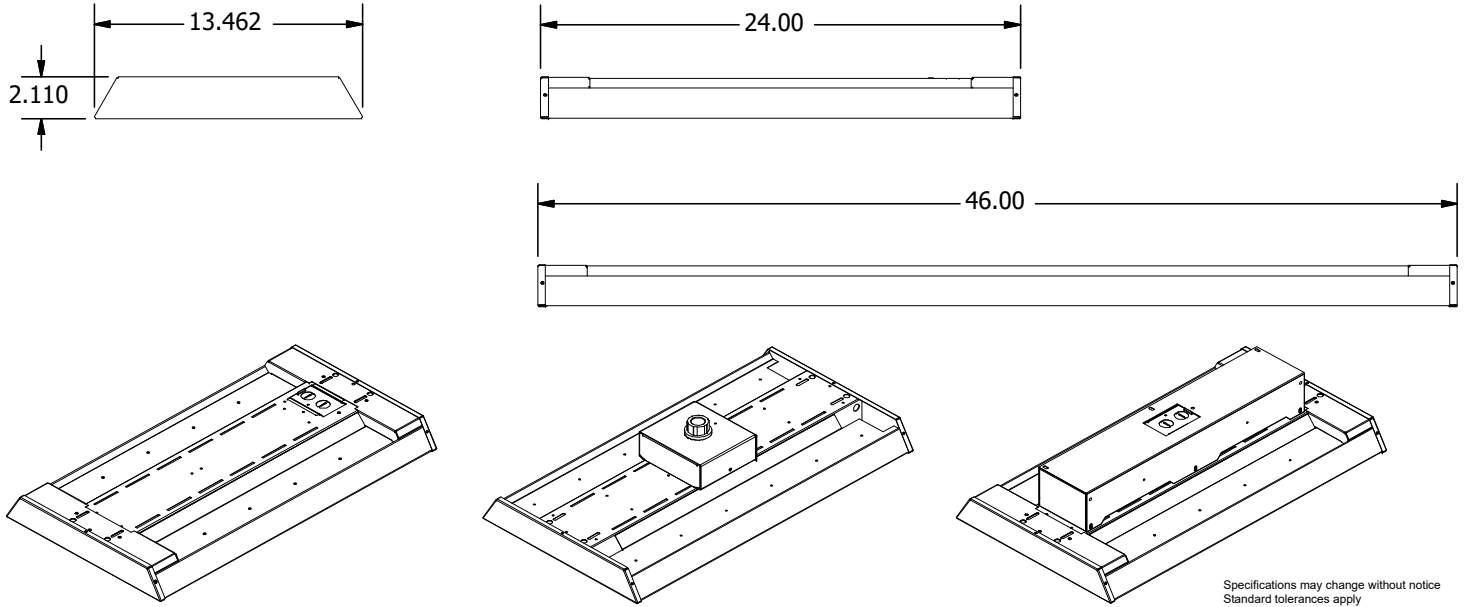
- P0 - Bulk Packaging
- P** - Other Options Available

** - Consult BJ Take for more fixture options

xx - Specify Length

1 - Custom cord lengths are available

DIMENSIONS



Specifications may change without notice
Standard tolerances apply
Drawings aren't to scale

SPECIFICATIONS

BLHA Wattage Chart									
Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt	Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	14	13,487	90.0	149.8	4'	30	29,454	203.3	144.9
	15	14,881	101.2	147		36	35,382	242.4	146.0
	18	17,903	120.9	148.1		40	40,906	285.2	143.4
	20	20,698	142.3	145.5		48	45,719	320.1	142.8
	24	23,133	159.7	144.9					

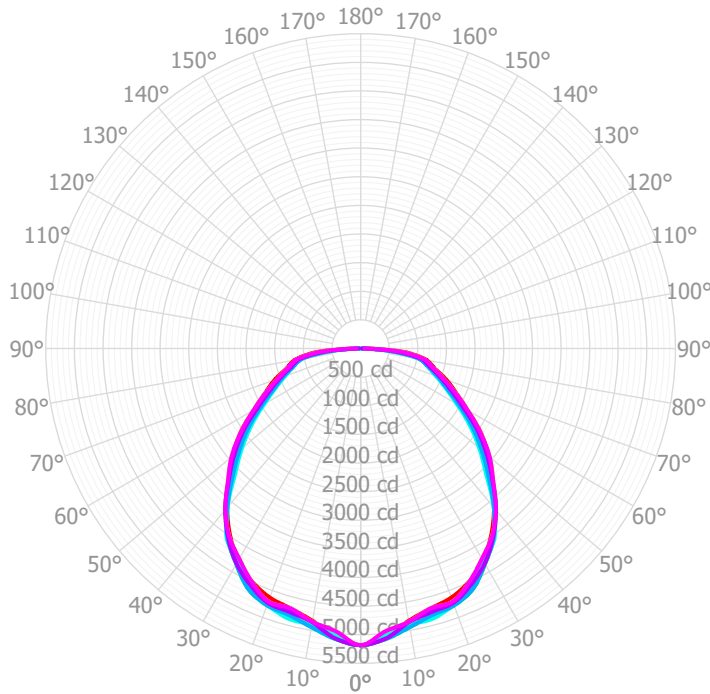
Based on UNV Voltage

Based on 4000K

Based on 80 CRI

PHOTOMETRICS

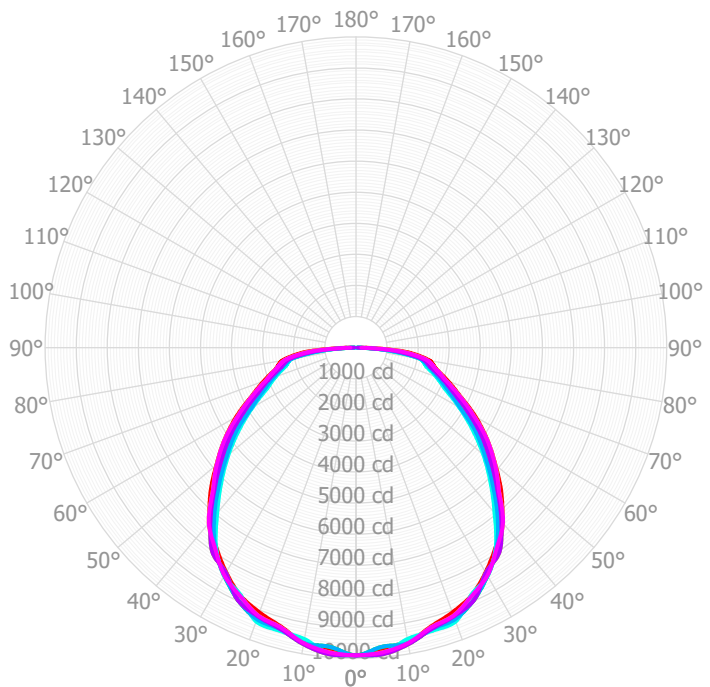
BLHA-2'-15L-840-L67



0°-180°	—
22.5°-202.5°	—
45°-225°	—
67.5°-247.5°	—
90°-270°	—
112.5°-292.5°	—
135°-315°	—
157.5°-337.5°	—

Mtg Height	Light Level	Beam Diameter
6.0 ft	143.9 fc	16.9 ft
8.0 ft	81.0 fc	22.5 ft
10.0 ft	51.8 fc	28.1 ft
12.0 ft	36.0 fc	33.8 ft
14.0 ft	26.4 fc	39.4 ft
16.0 ft	20.2 fc	45.0 ft

BLHA-2'-30L-840-L67



0°-180°	—
22.5°-202.5°	—
45°-225°	—
67.5°-247.5°	—
90°-270°	—
112.5°-292.5°	—
135°-315°	—
157.5°-337.5°	—

Mtg Height	Light Level	Beam Diameter
6.0 ft	275.0 fc	18.1 ft
8.0 ft	154.7 fc	24.1 ft
10.0 ft	99.0 fc	30.1 ft
12.0 ft	68.7 fc	36.2 ft
14.0 ft	50.5 fc	42.2 ft
16.0 ft	38.7 fc	48.2 ft