

Project:
Type:
Date:
Product Code:
Approval:



BLHA

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.

FEATURES

- Lensing provides dust protection, and uniform light while maximizing the total generated light efficacy
- L70 of 140,000 hours
- 0 – 10V dimming standard

OPTIONS

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

OPERATING TEMPERATURE

- -20°C to 40°C

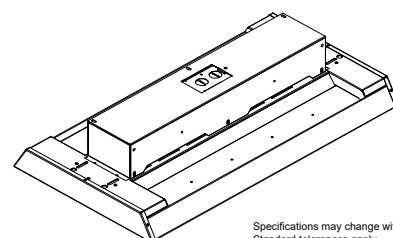
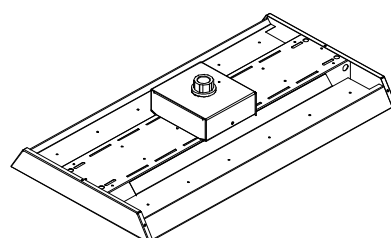
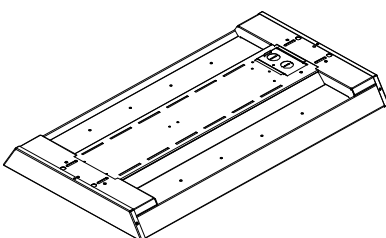
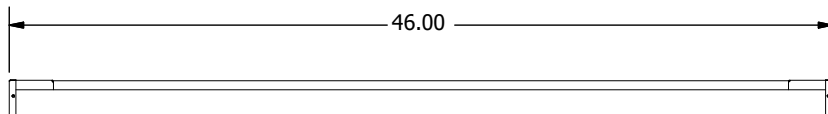
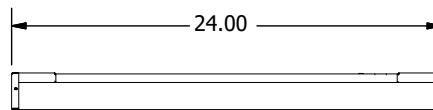
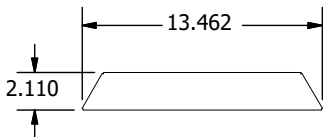
APPLICATIONS

- Warehouse and Distribution Centers
- Manufacturing Facilities
- Gymnasiums
- Retail Stores

WARRANTY

- Standard 5 year system, and 10 year LED warranty

PRODUCT DIMENSIONS



OPTICS

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

ELECTRICAL

All components are UL listed or recognized. This fixture is available in 120-277V, 347V and 480V

MOUNTING

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

CONSTRUCTION

- Cold rolled steel fixture components are precision bent for added strength and rigidity
- 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

APPROVALS

- Dry and Damp Environment Rated
- ETL Listed

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



PRODUCT KEY

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			

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 - White Low-Gloss, Matte Finish
- 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

Lenses

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

Cords

- W3xx - 16/3 White Cord¹
- W4xx - 16/3 Black Cord¹
- 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

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					

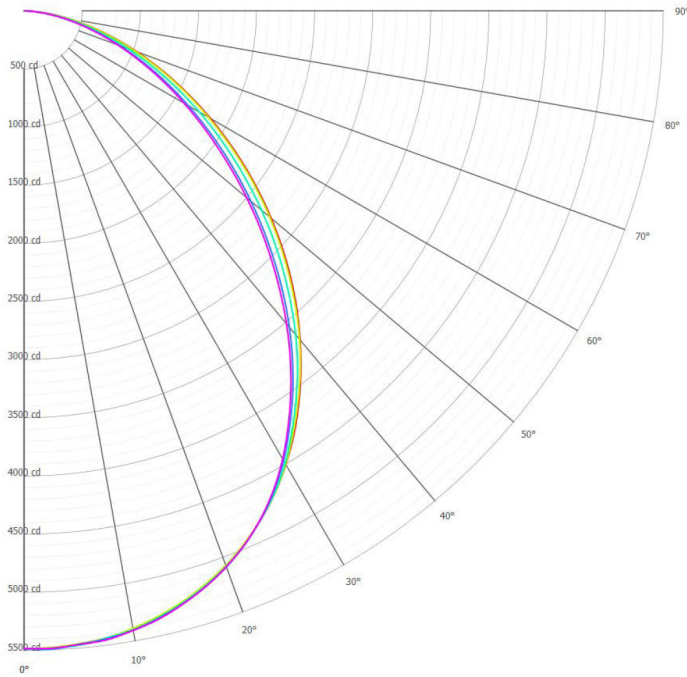
Based on UNV Voltage
 Based on 4000K
 Based on 80 CRI



PHOTOMETRIC DATA

BLHA-2'-24L-840-347-L67

Candela Polar Plot

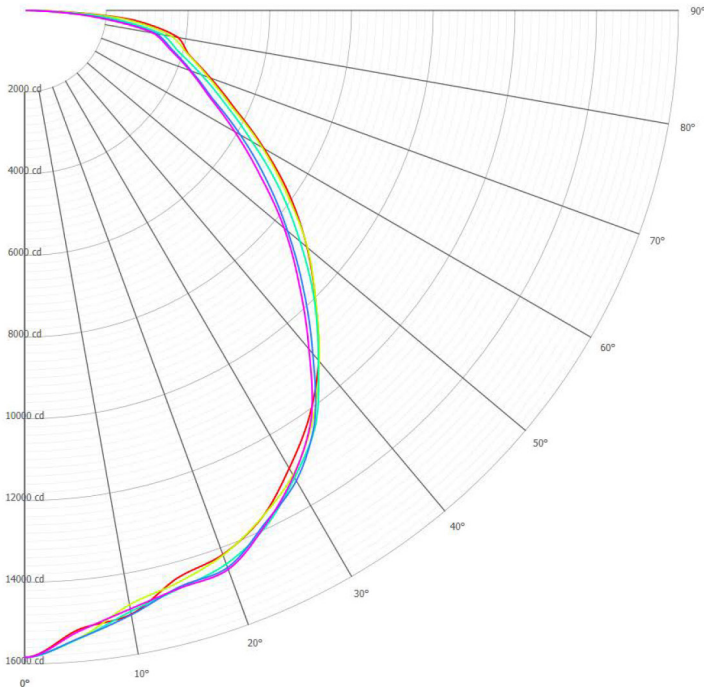


Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	226 fc	16 ft
8 ft	127 fc	21 ft
10 ft	81 fc	27 ft
12 ft	56 fc	32 ft
15 ft	36 fc	40 ft

BLHA-4'-48L-840-347-L67

Candela Polar Plot



Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	440 fc	16 ft
8 ft	247 fc	21 ft
10 ft	158 fc	27 ft
12 ft	110 fc	32 ft
15 ft	70 fc	40 ft