

Project:
Type:
Date:
Product Code:
Approval:



BLHN

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 BLHN 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 55°C

APPLICATIONS

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

WARRANTY

- Standard 5 year system, and 10 year LED warranty

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

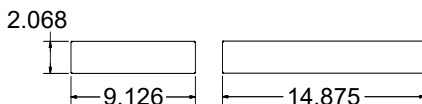
- Cold rolled steel fixture components are precision bent for added strength and rigidity
- Steel end caps for added rigidity
- Powder coated for a clean look and durable finish
- Access panel provided for easy wiring
- Shallow fixture design provides a clean appearance for many environments

APPROVALS

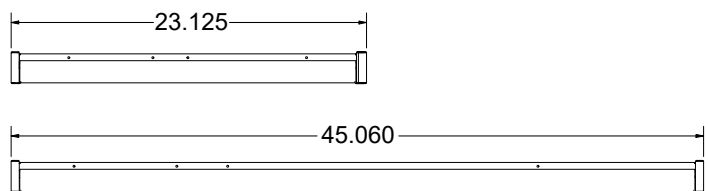
- Dry and Damp Environment Rated
- ETL Listed
- DLC Certified

PRODUCT DIMENSIONS

End Views

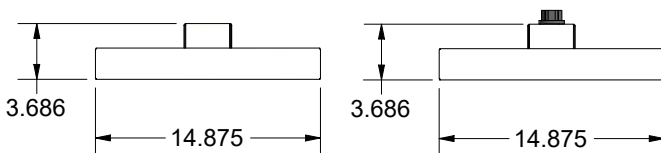


Side Views



M25 - Surface Mount Bracket

M24 - Pendant Mount



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
BLHN	-	-	L	-	-	-

2'	10
	12
	14
	16
	18
	20
	22
	24
4'	20
	24
	28
	32
	36
	40
	44
	48

8 - 80 CRI	30 - 3000 K	UNV - 120-277V
9 - 90 CRI	35 - 3500 K	347 - 347V
	40 - 4000 K	480 - 480V
	50 - 5000 K	
	65 - 6500 K	

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
L19 - Frosted Lens

Cords
W3xx - 16/3 White Cord ¹
W4xx - 16/3 Black Cord ¹
W** - Other Options Available

XX	Cord Length ¹
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

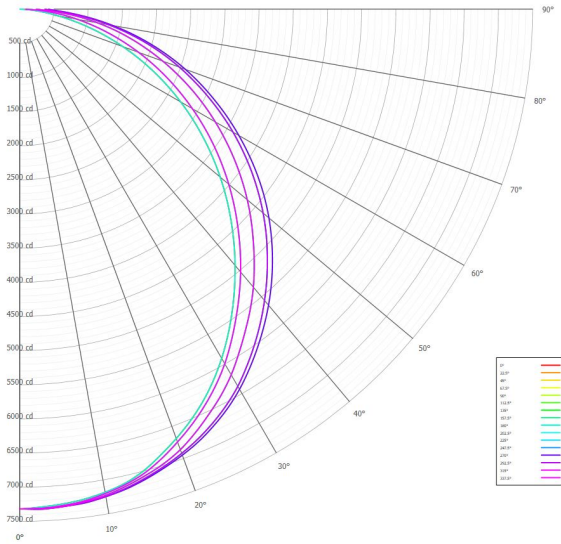
Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt	Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	10	9,312	71.0	131.2	4'	20	18,666	141.3	132.1
	12	11,184	82.9	134.9		24	22,418	165.1	135.8
	14	13,144	94.9	138.5		28	26,346	188.8	139.5
	16	15,191	106.8	142.2		32	30,448	212.6	143.2
	18	17,658	125.0	141.3		36	34,787	252.9	137.5
	20	19,129	135.5	141.1		40	37,683	274.2	137.4
	22	20,597	146.1	141.0		44	40,576	295.6	137.3
	24	22,062	156.6	140.9		48	43,462	316.9	137.2

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

PHOTOMETRIC DATA

BLHN-2'-24L-830-UNV-L19

Candela Polar Plot



Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	203 fc	15 ft
8 ft	114 fc	20 ft
10 ft	73 fc	25 ft
12 ft	51 fc	30 ft
15 ft	33 fc	38 ft