

The Valemount Series

BLHV - Vapour Proof

Project

Date

Part

Type



About The Valemount Series

The BLHV is a superior-grade, high bay vapour-proof LED fixture. The BLHV is ideal for indoor or outdoor use where there is a high probability of exposure to dust, water or vapour. Its unique, IP67 certified body makes it ideal in environments where vapour-proof efficiency and performance are a factor.

Specifications

Supported Voltage	120-277V, 347V, 120-347V, 480V
Available Sizes	2', 4'
Lifetime	L70 of 105,000+ hours, L90 of 34,000+ hours
Lumens	2.5L (2500lm) to 23L (23000lm)
Operating Temperature	-20°C/+35°C (-40°/+55°C upgrade)
CCT	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
CRI	80+ standard, 90+ and 95+ available
Dimming	0-10V Standard
Mounting	Hooks provided for suspension mounting; Surface-mount brackets available; Pendant-mounting available

Approvals

- NSF Rated
- IP67 Rated
- NEMA4X Rated
- ETL Listed
- DLC Listed
- Designed and Manufactured in Canada

Warranty

- 5 Year Comprehensive, 10 Year LED

The Valemount Series

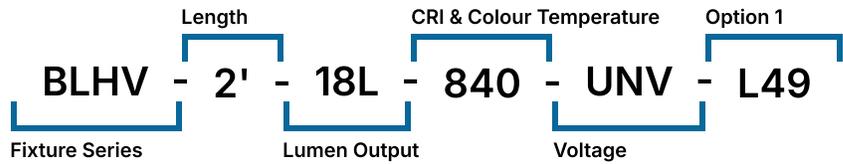
BLHV - Vapour Proof

Vapour-Proof Lighting by



Ordering Information

Fill in the fields below with your product selections. If you need help with this section, [contact your local sales professional.](#)



1	2	3	4	5				
Series	Length & Lumen Output		CRI	CCT	Voltage			
BLHV	2' - 10L	10000 lm	4' - 20L	20000 lm	8 80	27 2700K	UNV	120-277V
	2' - 12L	12000 lm	4' - 24L	24000 lm	9 90+	30 3000K	347	347V
	2' - 14L	14000 lm	4' - 28L	28000 lm	1 95+	35 3500K	UN3	120-347V
	2' - 16L	16000 lm	4' - 32L	32000 lm		40 4000K	480	480V
	2' - 18L	18000 lm	4' - 36L	36000 lm		50 5000K		
	2' - 20L	20000 lm	4' - 40L	40000 lm		65 6500K		
	2' - 22L	22000 lm	4' - 44L	44000 lm				

Options

Lenses

L26	Clear Polycarbonate Lens
L49	Frosted Acrylic Lens
L55	Clear Acrylic Lens
L59	Frosted Polycarbonate Lens

Cords

W1xx	White 16/4 (Specify Length)
W2xx	Black 16/4 (Specify Length)
W3xx	White 16/3 (Specify Length)
W4xx	Black 16/3 (Specify Length)
W***	Other Options Available*

Key.	Cord Length.	Key	Cord Length
6	6FT	15	15FT
10	10FT	20	20FT

Ex. W406 would be 16/3 Black, 6FT

Controls

WC19*	Avi-on Wireless Controls
WC**	Other Options Available*

Motion Sensors

W30XXX	IP-Rated Motion Sensor (SBOR)
WX16	Internal Dimming Low Voltage Microwave Sensor
W**	Other Options Available*

Dimming

B11	0-10V Dimming Leads
B12	Line Voltage Dimming
B27	Dim-to-off Driver
B**	Other Options Available*

Emergency Driver

B17	UL924 10W Battery Back-up
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Temperature Rating

BLANK	Standard
T0	-40C Cold Rated Components

Packaging

BLANK	Individually Boxed on Pallets
P0	Bulk Packaging

Fasteners

BLANK	Stainless Steel Latches and Clips
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Tamper Resistance

H9	Tamper Resistant Screws (Requires H4 Stainless Steel Latches)
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Mounting

M2xx	V-Hanger with Aircraft Loop Cables
M3xx	Y-Toggle Aircraft Cables
M14	Heavy Duty Surface Mount Brackets
M20	Ceiling-Mount V-Hooks
M24	Single Pendant Mount(3/4 Hub)

Key.	Aircraft Length.	Key	Aircraft Length
5	5FT	15	15FT
10	10FT	20	20FT

Ex. M305 would be Y-Toggle, 5FT

Warranty

CL7	10-Year Comprehensive Warranty Upgrade
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Documentation and Resources

All files and resources are available on our website for download. Files and resources are also embedded as links in this document, listed below. Additional files may be available upon request.

Please contact your local sales agent [here](#) or contact sales@bjtake.com for more information.

 [BLHV Installation Instructions - 2019](#)

Certifications and Listings

Certifications that apply to this fixture and its possible configurations are listed here. More information available upon request.

Icon	Description
	DLC Listed
	ETL Listed
	NEMA4X Rated
	IP67 Rated
	NSF Rated
	90 and 95+ CRI Options Available
	-40C Option Available

Usage Applications

This fixture can be used in a variety of applications, and is ideal for the following:

Usage Application
Agricultural Barns
Cold Storage & Freezers
Distribution Facilities
Food Processing Plants
Grocery Stores
Logistics & Warehousing
Manufacturing Facilities
Outdoor Parking Structures
Processing Plants
Storage Facilities
Wash Bays & Wet Environments
Suspended
Surface Mount

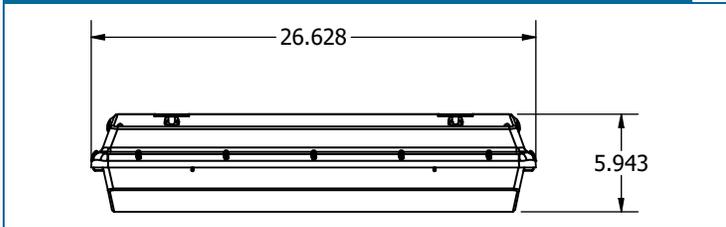
Warranty Statement

BJ Take products are tested and/or inspected prior to being packaged for shipment and are guaranteed from the day the product is shipped for a period of ten-year LED chip warranty and a five-year comprehensive component warranty. This can be upgraded to a ten-year comprehensive warranty on request.

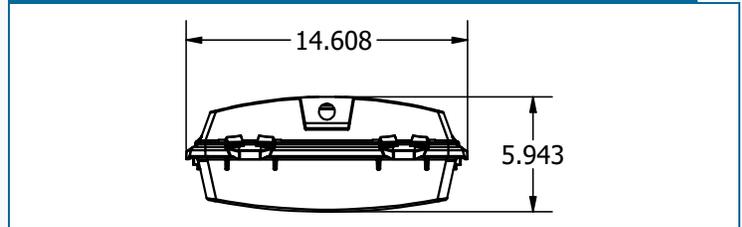
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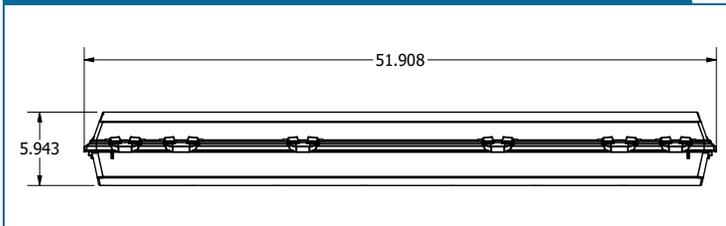
BLHV 2' Side



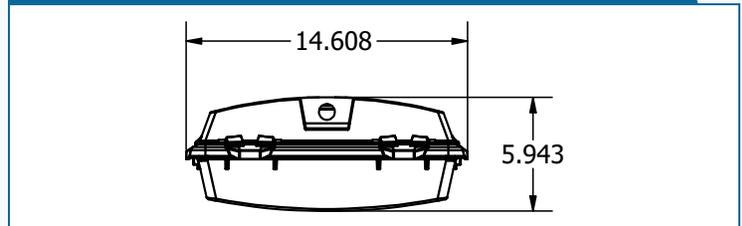
BLHV 2' End



BLHV 4' Side



BLHV 4' End



BLHV 2' Wattage

Length	Size	Lumen Output	Fixture Wattage	Lumens per Watt
2'	10	9390	69.1	135.8
2'	12	11114	80.8	137.5
2'	14	12875	92.5	139.2
2'	16	14675	104.1	141.0
2'	18	17110	122.9	139.2
2'	20	18981	139.3	136.3
2'	22	20753	155.8	133.2

BLHV 4' Wattage

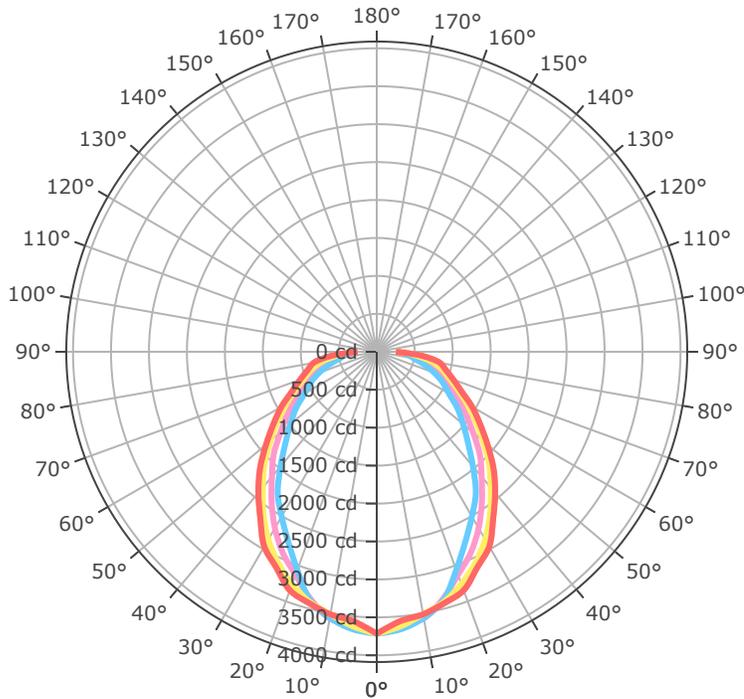
Length	Size	Lumen Output	Fixture Wattage	Lumens per Watt
4'	20	19346	136.2	142.0
4'	24	22898	159.2	143.8
4'	28	26527	182.1	145.7
4'	32	30236	205.1	147.4
4'	36	35250	242.0	145.7
4'	40	39106	274.4	142.5
4'	44	42755	306.8	139.4

- * Drawings not to scale
- * Standard tolerances apply
- * Specifications may change without notice

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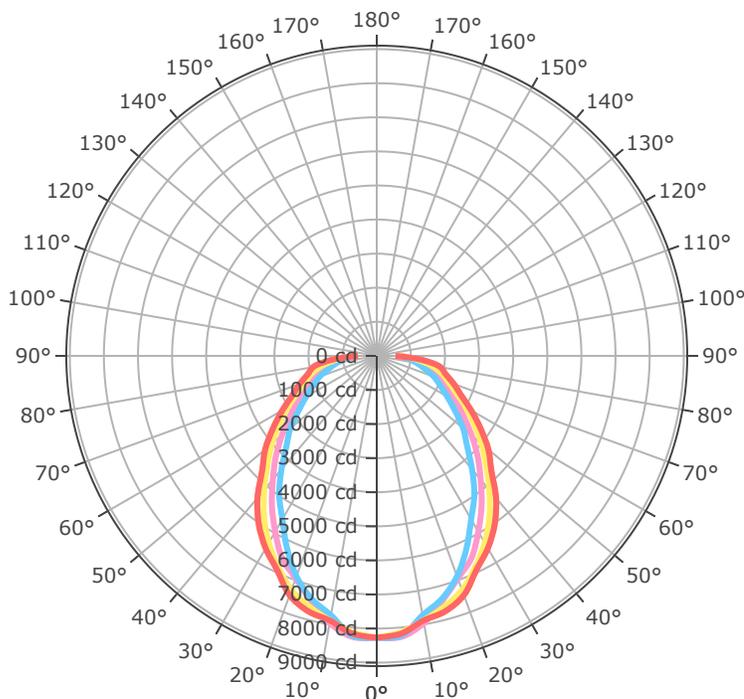
BLHV-2FT-10L-840-L49



- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	103.3 fc	14.8 ft
8.0 ft	58.1 fc	19.7 ft
10.0 ft	37.2 fc	24.6 ft
12.0 ft	25.8 fc	29.5 ft
14.0 ft	19.0 fc	34.5 ft
16.0 ft	14.5 fc	39.4 ft
24.0 ft	6.5 fc	59.1 ft
32.0 ft	3.6 fc	78.8 ft
40.0 ft	2.3 fc	98.5 ft
48.0 ft	1.6 fc	118.1 ft
56.0 ft	1.2 fc	137.8 ft
64.0 ft	0.9 fc	157.5 ft

BLHV-2FT-22L-840-L49



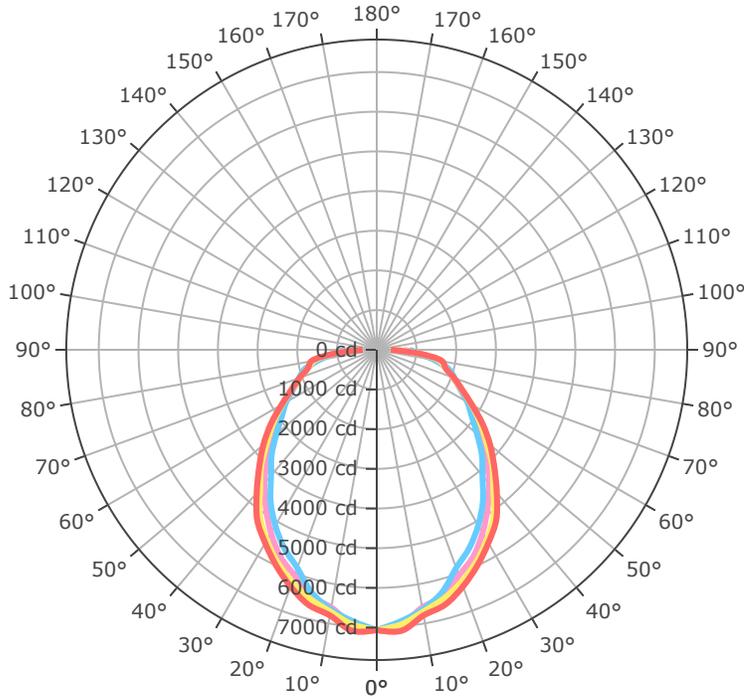
- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	229.6 fc	14.9 ft
8.0 ft	129.2 fc	19.9 ft
10.0 ft	82.7 fc	24.9 ft
12.0 ft	57.4 fc	29.9 ft
14.0 ft	42.2 fc	34.8 ft
16.0 ft	32.3 fc	39.8 ft
24.0 ft	14.4 fc	59.7 ft
32.0 ft	8.1 fc	79.7 ft
40.0 ft	5.2 fc	99.6 ft
48.0 ft	3.6 fc	119.5 ft
56.0 ft	2.6 fc	139.4 ft
64.0 ft	2.0 fc	159.3 ft

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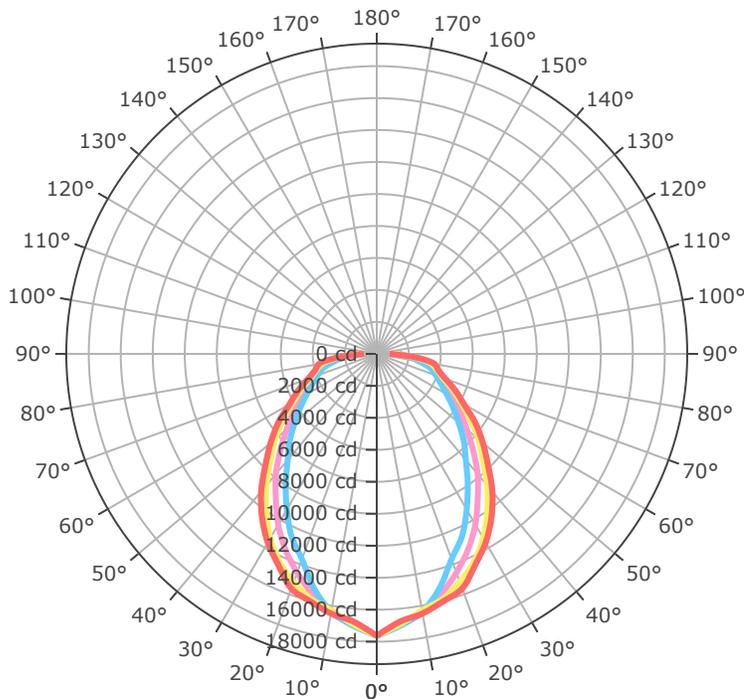
BLHV-4FT-20L-840-L49



- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	196.2 fc	15.4 ft
8.0 ft	110.3 fc	20.5 ft
10.0 ft	70.6 fc	25.6 ft
12.0 ft	49.0 fc	30.8 ft
14.0 ft	36.0 fc	35.9 ft
16.0 ft	27.6 fc	41.0 ft
24.0 ft	12.3 fc	61.5 ft
32.0 ft	6.9 fc	82.0 ft
40.0 ft	4.4 fc	102.5 ft
48.0 ft	3.1 fc	123.0 ft
56.0 ft	2.3 fc	143.5 ft
64.0 ft	1.7 fc	164.1 ft

BLHV-4FT-44L-840-L49



- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	490.0 fc	13.9 ft
8.0 ft	275.6 fc	18.6 ft
10.0 ft	176.4 fc	23.2 ft
12.0 ft	122.5 fc	27.9 ft
14.0 ft	90.0 fc	32.5 ft
16.0 ft	68.9 fc	37.2 ft
24.0 ft	30.6 fc	55.7 ft
32.0 ft	17.2 fc	74.3 ft
40.0 ft	11.0 fc	92.9 ft
48.0 ft	7.7 fc	111.5 ft
56.0 ft	5.6 fc	130.1 ft
64.0 ft	4.3 fc	148.7 ft

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Vapour-Proof Lighting by **BJTAKE**
LIGHTING

Gallery Information

Below you will find images of relevant products and configurations for the BLHV.

