

The Vauxhall Series

BLHV-H27 - Hazloc Vapour Proof

Project

Date

Part

Type



About The Vauxhall Series

The BLHV-H27 is a high bay LED hazardous location fixture. The BLHV-H27 is ideal for indoor or outdoor use where there is a high probability of exposure to hazardous dust or gases. Its unique, IP67 certified body makes it ideal in environments where vapour-proof efficiency an performance are a factor.

Specifications

Supported Voltage	120-277V, 347V, 480V
Available Sizes	2', 4'
Lifetime	L70 of 136,000+ hours, L90 of 38,000+ hours
Lumens	2' 10L (10000lm) to 4' 32L (32000lm)
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;

Approvals

- NSF Rated
- IP67 Rated
- NEMA4X Rated
- ETL Listed
- DLC Listed
- Class 1 Div 2 Groups ABCD
- Class 2 Div 2 Groups FG
- Class 3 Div 2
- Designed and Manufactured in Canada

Warranty

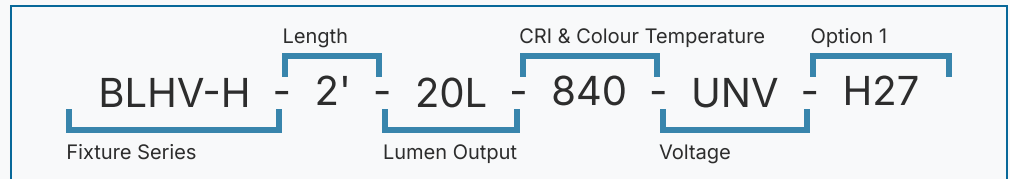
- | 5 Year Comprehensive, 10 Year LED

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Vapour-Proof Lighting by **BJTAKE** LIGHTING

Please use the diagram to the right as an example of a completed order code. If you need any assistance contact your local sales representative.



1	2	3	4	5
BLHV-H				

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

6

Options

Hazardous Location

H27	Hazardous Location
Applied Certifications	
Class 1 Div 2 Groups ABCD	
Class 2 Div 2 Groups FG	
Class 3 Div 2	

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

Dimming

B11	0-10V Dimming Leads
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Packaging

BLANK	Individually Boxed on Pallets
PO	Bulk Packaging

Fasteners

BLANK	Stainless Steel Latches and Clips
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Mounting

M3xx	Y-Toggle Aircraft Cables
M14	Heavy Duty Surface Mount Brackets
M20	Ceiling-Mount V-Hooks

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-H27 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
	Hazardous Location Ready

Usage Applications

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

Usage Application
Hazardous Location
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

Warranty Statement

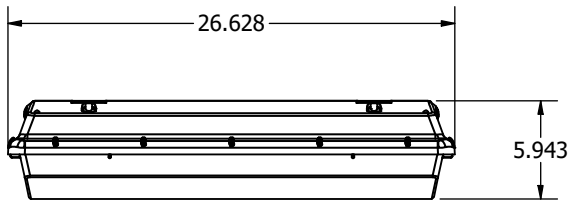
BJ Take products are tested and/or inspected prior to being packaged for shipment and are guaranteed from the day the product is shipped for a period of ten-year LED chip warranty and a five-year comprehensive component warranty. This can be upgraded to a ten-year comprehensive warranty on request.

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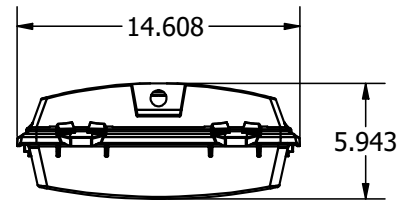
BLHV-H27 - Hazloc Vapour Proof

Vapour-Proof Lighting by **BJTAKE**
LIGHTING

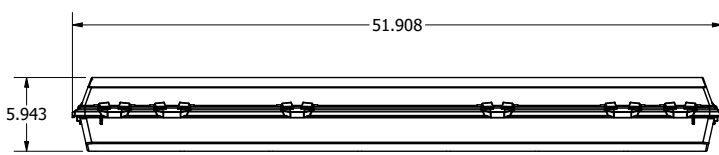
BLHV-H27 2' Side



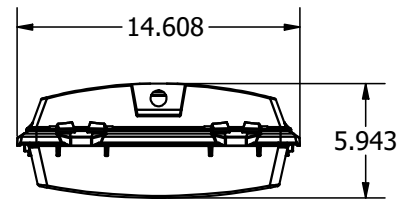
BLHV-H27 2' End



BLHV-H27 4' Side



BLHV-H27 4' End



BLHV-H27 2' Wattage

Length	Size	Lumen Output	Fixture Wattage	Lumens per Watt
2'	10	10208	69.21	147.5
2'	12	11768	80.43	146.3
2'	14	13334	91.88	145.1
2'	16	14874	103.33	143.9
2'	18	16820	116.52	144.4
2'	20	18772	129.71	144.7

BLHV-H27 4' Wattage

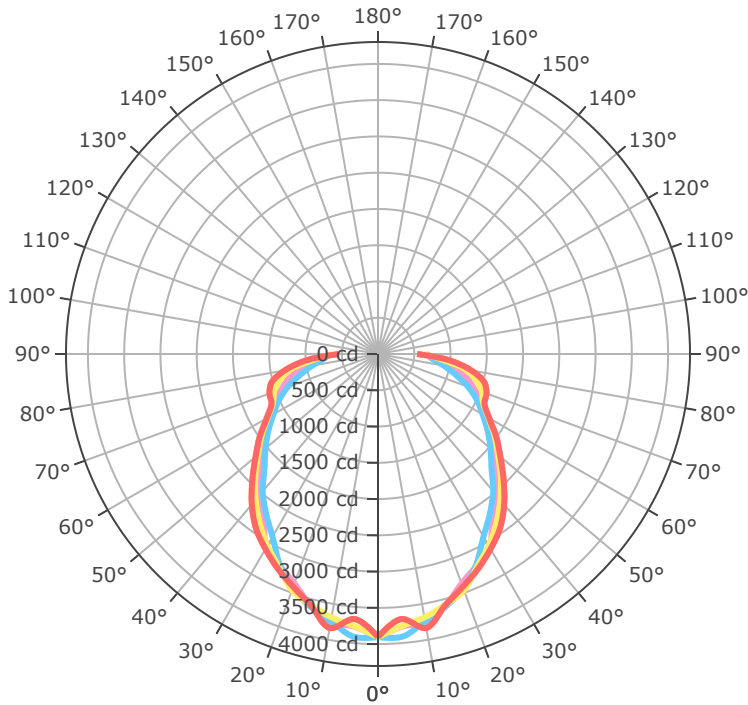
Length	Size	Lumen Output	Fixture Wattage	Lumens per Watt
4'	24	22720	156.08	145.6
4'	32	29630	203.69	145.5

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

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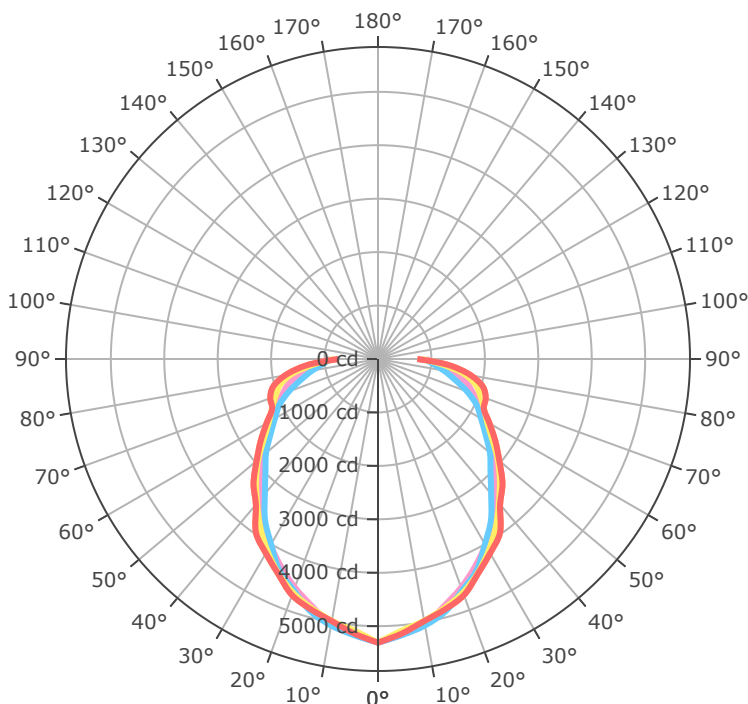
BLHV-H-2FT-12L-840-L49-H27



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

Mtg Height	Light Level	Beam Diameter
6.0 ft	108.5 fc	17.7 ft
8.0 ft	61.0 fc	23.6 ft
10.0 ft	39.0 fc	29.5 ft
12.0 ft	27.1 fc	35.4 ft
14.0 ft	19.9 fc	41.3 ft
16.0 ft	15.3 fc	47.2 ft
24.0 ft	6.8 fc	70.8 ft
32.0 ft	3.8 fc	94.4 ft
40.0 ft	2.4 fc	118.0 ft
48.0 ft	1.7 fc	141.7 ft
56.0 ft	1.2 fc	165.3 ft
64.0 ft	1.0 fc	188.9 ft

BLHV-H-2FT-16L-840-L49-H27



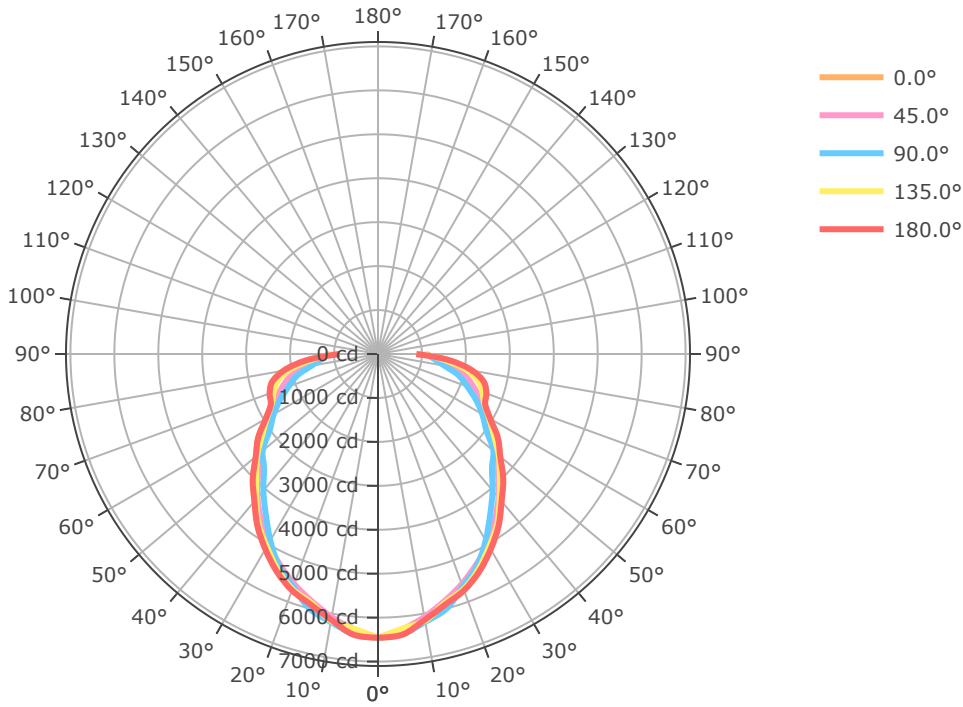
- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	147.5 fc	17.5 ft
8.0 ft	82.9 fc	23.3 ft
10.0 ft	53.1 fc	29.1 ft
12.0 ft	36.9 fc	34.9 ft
14.0 ft	27.1 fc	40.7 ft
16.0 ft	20.7 fc	46.6 ft
24.0 ft	9.2 fc	69.8 ft
32.0 ft	5.2 fc	93.1 ft
40.0 ft	3.3 fc	116.4 ft
48.0 ft	2.3 fc	139.7 ft
56.0 ft	1.7 fc	162.9 ft
64.0 ft	1.3 fc	186.2 ft

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BLHV-H-2FT-20L-840-L49-H27



Mtg Height	Light Level	Beam Diameter
6.0 ft	179.3 fc	18.0 ft
8.0 ft	100.9 fc	24.0 ft
10.0 ft	64.6 fc	30.0 ft
12.0 ft	44.8 fc	36.0 ft
14.0 ft	32.9 fc	42.1 ft
16.0 ft	25.2 fc	48.1 ft
24.0 ft	11.2 fc	72.1 ft
32.0 ft	6.3 fc	96.1 ft
40.0 ft	4.0 fc	120.2 ft
48.0 ft	2.8 fc	144.2 ft
56.0 ft	2.1 fc	168.2 ft
64.0 ft	1.6 fc	192.3 ft

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Gallery Information

Below you will find images of relevant products and configurations for the BLHV-H27.

