Project:	
Type:	
Date:	
Product Code:	
Approval:	

BLHV

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 anperformance are a factor.

FEATURES
- L70 of 100,000 hours
- Fibreglass body with a continuous poured neoprene gasket
- 0-10V dimming standard
- Marine Grade 316-Stainless steel clips standard

OPTIONS
- Lumen packages are available from 10,000L to 48,000L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K*
- NEDAP and Encelium wireless controls
- Pendant Mount
- 90 CRI available
- IP66 rated motion sensor
- IP69 rated fixture housing (only available in the 2 foot fixture)
- Polycarbonate Lens

OPERATING TEMPERATURE
-20°C to 40°C available in most models**

APPLICATIONS
- Food processing plants
- Manufacturing, Storage, and Warehouse facilities

OPTICS
The high-efficiency lens maximizes light distribution whileproviding diffusion of LED point sources and reducing glare. Optics available for wide or narrow distribution.

ELECTRICAL
All components are UL recognized. The fixture is available in120 - 277V and 347/480V.

MOUNTING
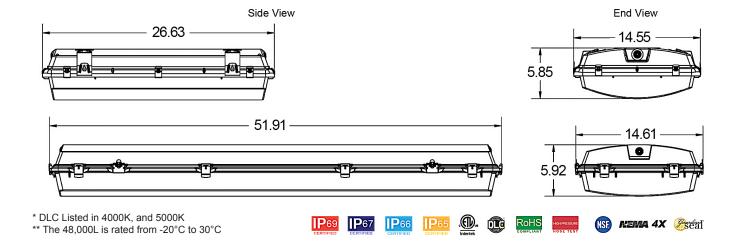Can be suspended, surface or pendant mounted.

CONSTRUCTION
Fibreglass body with neoprene gasket ensures a dust and water resistant seal.

APPROVALS
- ETL Listed
- IP65, IP66, and IP67 Rated
- IP69 Rated (only available in the 2 foot fixture
- NEMA 4X Rated
- NSF Rated
- DLC Listed (Premium)

WARRANTY
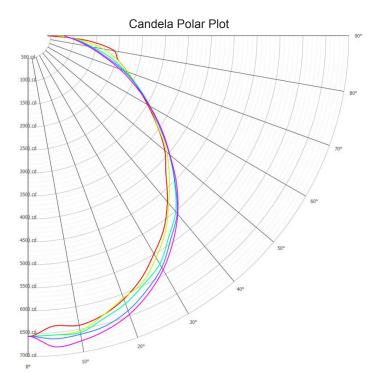Standard 5 year system, and 10 year LED warranty.

PRODUCT DIMENSIONS

Side View
26.63
51.91

End View
14.55
5.85
14.61
5.92

* DLC Listed in 4000K, and 5000K
** The 48,000L is rated from -20°C to 30°C

PRODUCT KEY

Fixture Type	Fixture Size	Lumen Output	CRI	Colour Temp	Driver Voltage	Options
BLHV		L				

		Lumen Output	CRI	Colour Temp	Driver Voltage
		10	8 - 80 CRI	30 - 3000 K	UNV
		12	9 - 90 CRI	35 - 3500 K	347/480
		14		40 - 4000 K	
	2'	15		50 - 5000 K	
		18		65 - 6500 K	
		20			
		24			
		30			
		36			
	4'	40			
		48			

Options

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

IP Rating
Blank - IP65, IP66, and IP67 rated
IP69 - IP69 rated (only available on the 2 foot fixture)

Wireless Controls
WC1 - NEDAP Wireless Controls
WC3 - Encelium Wireless Controls

Mounting
Blank - V-Hook
M3   - Aircraft Cable "Y-Toggle", 5 FT
M14 - Stainless Steel Mounting Beam
M20 - Ceiling Mount V-Hook
M23 - Aircraft Cable "Y-Toggle", 10 FT
M24 - Pendant Mount and 3/4" Hub
         (Pipe or conduit not supplied by BJ Take)
M33 - Dual Pendant Mounting
M41 - Zinc Plated Mounting Beam

Cords (Specify Length)
W3xx - 16/3 White Cord
W4xx - 16/3 Black Cord
W5xx - 16/3 Power Cord and NEMA Code

Motion Sensor
W12 - Standard Motion Sensor
W26 - Motion Sensor with Photocell
W30 - IP Rated Motion Sensor

Optics
Blank - Narrow Beam Distribution
O1   - Wide Beam Distribution

Battery Backup
B17   - BSL10LST Bodine Battery Backup

Miscellaneous Options
V10   - Vent Plug

WATTAGE CHARTS

	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt		Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
	10.0	9,675.0	61.6	157.1		30.0	28,646.0	199.6	143.5
	12.0	11,759.0	76.0	154.8	4'	36.0	35,228.5	238.2	147.9
	14.0	13,778.7	90.3	152.6		40.0	37,637.0	257.8	146.0
2'	16.0	14,470.7	99.3	145.7		48.0	43,586.2	309.8	140.7
	18.0	17,626.0	119.0	148.1					
	20.0	18,831.0	128.8	146.2					
	24.0	21,806.9	154.8	140.9					

Table title: Wattage Chart

•Based on UNV voltage
*Based on a Frosted lens
*Based on 4000K
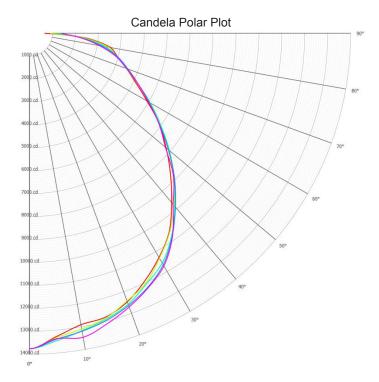*DLC Listed in 4000K, and 5000K
*The 48,000L is rated from -20°C to 30°C

PHOTOMETRIC DATA

BLHV-2'-24L-840-UNV-L49

Candela Polar Plot

Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	182 fc	18 ft
8 ft	102 fc	24 ft
10 ft	66 fc	30 ft
12 ft	46 fc	36 ft
15 ft	29 fc	44 ft

BLHV-4'-48L-840-UNV-L49

Candela Polar Plot

Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	382 fc	17 ft
8 ft	215 fc	23 ft
10 ft	138 fc	29 ft
12 ft	96 fc	34 ft
15 ft	61 fc	43 ft