

Project:
Type:
Date:
Product Code:
Approval:



BLV
The BLV is an LED linear vapour proof fixture designed for surface and suspended mounting. It is well suited for indoor or outdoor use where there is high probability of moisture and exposure to dust. Its unique, IP67 certified body makes it ideal in environments where vapour proof efficiency and performance are a factor.

FEATURES

- Fibreglass body with a continuous poured neoprene gasket
- L70 of 160,000 hours
- 0 – 10V dimming standard

OPTIONS

- Lumen packages are available from 2,500L to 23,000L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- 90 CRI available
- Pendant Mount
- Wireless controls
- IP66 rated motion sensor available
- Polycarbonate and acrylic lenses

OPERATING TEMPERATURE

- -29°C to 35°C

APPLICATIONS

- Food processing plants
- Manufacturing, Storage, and Warehouse facilities
- Underground parking facilities

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 and 347V.

MOUNTING

Can be suspended, surface, pendant or 45° wall mounted.

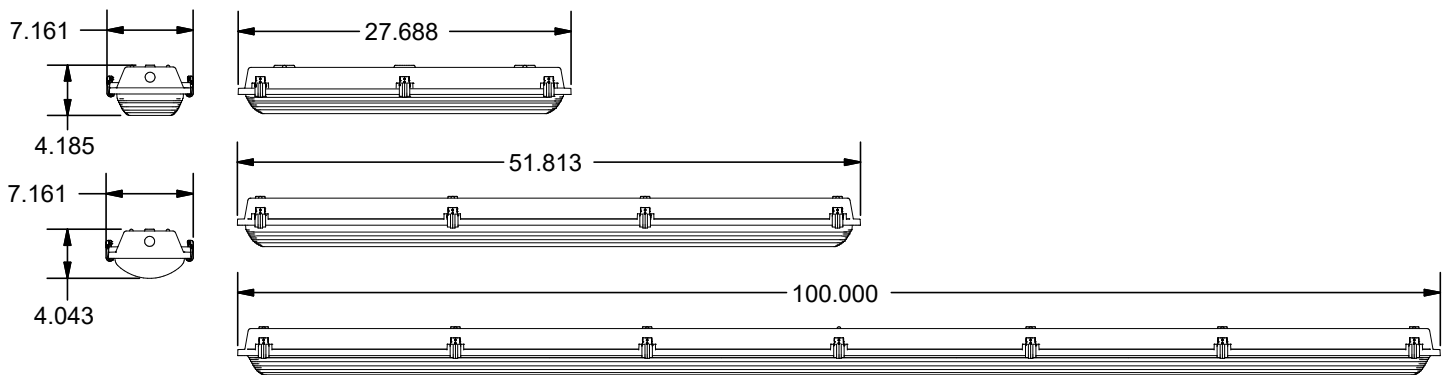
CONSTRUCTION

- Fibreglass enclosure with neoprene gasket ensures a dust and water resistant seal
- Frosted acrylic lens for even light distribution

APPROVALS

- Dry and Damp Environment Rated
- ETL Listed
- DLC Certified
- IP65, IP66, and IP67 Rated
- NEMA 4X Rated
- NSF Rated

PRODUCT DIMENSIONS



PRODUCT KEY

Fixture Type	Fixture Size	Lumen Output	CRI	Color Temp	Driver Voltage	Options
BLV	-	-	L	-	-	-
	2', 4'	2.5 3.5 4.5 5.5 6.5 7.5	8 - 80 CRI 9 - 90 CRI	30 - 3000 K 35 - 3500 K 40 - 4000 K 50 - 5000 K	UNV - 120-277V 347 - 347V	Lenses L16 - Ribbed Frosted Acrylic Lens L17 - Ribbed Clear Acrylic Lens L26 - Ribbed Clear Polycarbonate Lens ¹ L61 - Smooth Clear Acrylic Lens L63 - Smooth Frosted Acrylic Lens L64 - Ribbed Frosted Polycarbonate Lens ¹ L65 - Smooth Clear Polycarbonate Lens L71 - Smooth Frosted Polycarbonate Lens
	4'	8.5 9.5 10.5 11.5	Motion Sensor W12 - Standard Motion Sensor W26 - Motion Sensor with Photocell W30 - IP66 Rated Motion Sensor WX16 - Microwave Dimmable Sensor Controls B11 - 0-10V Dimming Leads B12 - Line Voltage Dimming B17 - 10 Watt Battery Back Up B** - Other Options Available WC** - Wireless Controls Packaging P0 - Bulk Packaging P** - Other Options Available ** - Consult BJ Take for more fixture options xx - Specify Length 1 - Not available in 8 foot length 2 - Custom cord lengths are available			
	8'	5 7 9 11 13 15 17 19 21 23				

Cords (Specify Length)

W3xx - 16/3 White Cord²
 W4xx - 16/3 Black Cord²
 W** - Other Options Available²

XX	Cord Length
06	6 Ft
10	10 Ft
15	15 Ft
20	20 Ft

Example: W306 - 6 foot white cord

Mounting

Blank - Standard Mounting Brackets (2pk)
 M3xx - Y-Toggle Aircraft Cables
 M24 - Single Pendant Mount
 M33 - Dual Pendant Mounting Brackets
 M34 - 45° Mounting 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

Fastener Options

Blank - Standard White Nylon Clips
 H4 - Stainless Steel Latch

WATTAGE CHARTS

BLV-L16 Efficiency Wattage Chart

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt	Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt	Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	2.5	2353	18.1	130.0	4'	2.5	2337	17.7	132.0	8'	5	4698	35.4	132.9
	3.5	3294	24.8	132.7		3.5	3309	25.1	131.6		7	6650	50.2	132.4
	4.5	4271	31.6	135.3		4.5	4274	32.6	131.2		9	8589	65.1	132.0
				5.5		5232	40.0	130.7	11		10516	79.9	131.6	
				6.5		6184	47.5	130.3	13		12430	94.8	131.1	
				7.5		7129	54.9	129.9	15		14328	109.6	130.7	
				8.5		8068	62.3	129.4	17		16215	124.5	130.2	
				9.5		9000	69.8	129.0	19		18088	139.4	129.8	
				10.5		9926	72.2	137.4	21		19948	154.2	129.3	
				11.5		10836	84.6	128.1	23		21779	169.0	128.9	

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



WATTAGE CHARTS

BLV-L63 Efficiency Wattage Chart														
Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt	Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt	Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	2.5	2483	18.1	137.2	4'	2.5	2467.0	17.7	8'	5	5200	35.4	147.1	
	3.5	3476	24.8	140.0		3.5	3491.0	25.1		7	7361	50.2	146.6	
	4.5	4508	31.6	142.8		4.5	4508.0	32.6		9	9507	65.1	146.1	
Based on UNV Voltage Based on 4000K Based on 80 CRI						5.5	5518.0	40.0		11	11640	79.9	145.6	
						6.5	6521.0	47.4		13	13757	94.8	145.1	
						7.5	7518.0	54.9		15	15861	109.6	144.7	
						8.5	8507.0	62.3		17	17948	124.5	144.2	
						9.5	9489.0	69.7		19	20020	139.4	143.7	
						10.5	10465.0	77.1		21	22081	154.2	143.2	
						11.5	11429.0	84.6		23	24108	169.0	142.7	