

Project:
Type:
Date:
Product Code:
Approval:



BLVN

The BLVN is a narrow 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 11,500L
- 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 wall mounted.

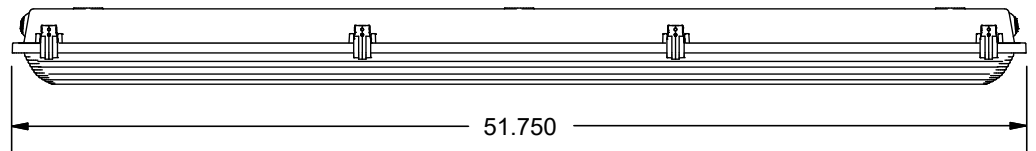
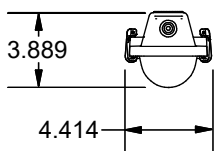
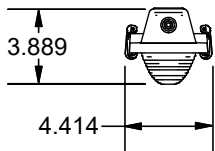
CONSTRUCTION

- 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
BLVN	-	-	L	-	-	-

2.5	8 - 80 CRI	30 - 3000 K	UNV - 120-277V
3.5	9 - 90 CRI	35 - 3500 K	347 - 347V
4.5		40 - 4000 K	
5.5		50 - 5000 K	
6.5			
7.5			
8.5			
9.5			
10.5			
11.5			

4'

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

Housing

- ZPLC - Polycarbonate Housing

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

- L16 - Ribbed Frosted Acrylic Lens
- L17 - Ribbed Clear Acrylic Lens
- L26 - Ribbed Clear Polycarbonate Lens*
- L61 - Smooth Clear Acrylic Lens
- L63 - Smooth Frosted Acrylic Lens
- L64 - Ribbed Frosted Polycarbonate Lens
- L65 - Smooth Clear Polycarbonate Lens
- L65 - Smooth Frosted Polycarbonate Lens

Cords (Specify Length)

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

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
- 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

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
4'	2.5	2363	17.7	133.5
	3.5	3337	25.1	133.1
	4.5	4305	32.5	132.6
	5.5	5266	39.8	132.2
	6.5	6221	47.2	131.7
	7.5	7169	54.6	131.3
	8.5	8110	62.0	130.8
	9.5	9045	69.4	130.4
	10.5	9973	76.7	130.0
	11.5	10894	84.1	129.5

Based on UNV Voltage

Based on 4000K

Based on 80 CRI

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
4'	2.5	2319	17.7	131.0
	3.5	3272	25.1	130.6
	4.5	4219	32.4	130.1
	5.5	5159	39.8	129.7
	6.5	6093	47.1	129.3
	7.5	7021	54.5	128.8
	8.5	7942	61.9	128.4
	9.5	8857	69.2	128.0
	10.5	9765	76.6	127.5
	11.5	10659	83.9	127.0