

Project:
Type:
Date:
Product Code:
Approval:



BLVN-H27

The BLVN-H27 is a narrow body LED linear hazardous location fixture. It 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 vapourproof efficiency and performance are a factor.

FEATURES

- L70 of 160,000 hours
- Fibreglass body with a continuous poured neoprene gasket
- 0-10V Dimming Standard

OPTIONS

- Lumen packages are available from 2,500L to 7,500L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- 90 CRI available
- Polycarbonate Lens

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

The high-efficiency lens maximizes light distribution while providing full diffusion of LED point sources and reducing glare.

ELECTRICAL

All components are UL recognized. The fixture is available in 120 - 277V and 347V.

MOUNTING

Can be suspended, surface or pendant mounted.

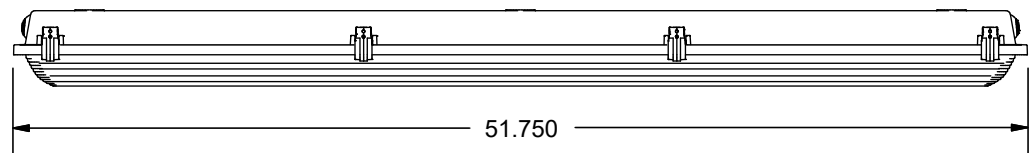
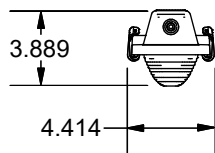
CONSTRUCTION

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

APPROVALS

- ETL Listed
- IP65, IP66 and IP67 Rated
- NEMA 4x Rated
- NSF Rated
- Hazardous locations Class 1 Div. 2 Groups ABCD, Class 2 Div. 2 Groups FG, Class 3 Div. 2

PRODUCT DIMENSIONS



PRODUCT KEY

Fixture Type	Efficacy	Fixture Size	Lumen Output	CRI	Color Temp	Driver Voltage	Options
BLVN	H		L				H27
	H - High		2.5	8 - 80 CRI	30 - 3000 K	UNV - 120-277V	Hazardous Locations H27 - Hazardous Locations Class 1 Div. 2 Groups ABCD, Class 2 Div. 2 Groups FG, Class 3 Div. 2
			3.5	9 - 90 CRI	35 - 3500 K	347 - 347V	
		4'	4.5		40 - 4000 K		
			5.5		50 - 5000 K		
			6.5				
			7.5				

Mounting

- Blank - Standard Mounting Brackets (2pk)
- M3xx - Y-Toggle Aircraft Cables
- 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

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
- L64 - Ribbed Frosted Polycarbonate Lens

Cords (Specify Length)

- W3xx - 16/3 White Cord¹
- W4xx - 16/3 Black Cord¹
- 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

Controls

- B11 - 0-10V Dimming Leads
- WC** - Wireless Controls

WATTAGE CHARTS

High Efficiency				
	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
4'	2.5	2509	17.71	141.67
	3.5	3410	24.20	140.91
	4.5	4301	30.69	140.14
	5.5	5212	36.73	141.90
	6.5	6184	42.77	144.59
	7.5	7101	48.81	145.48

Based on UNV Voltage

Based on 4000K

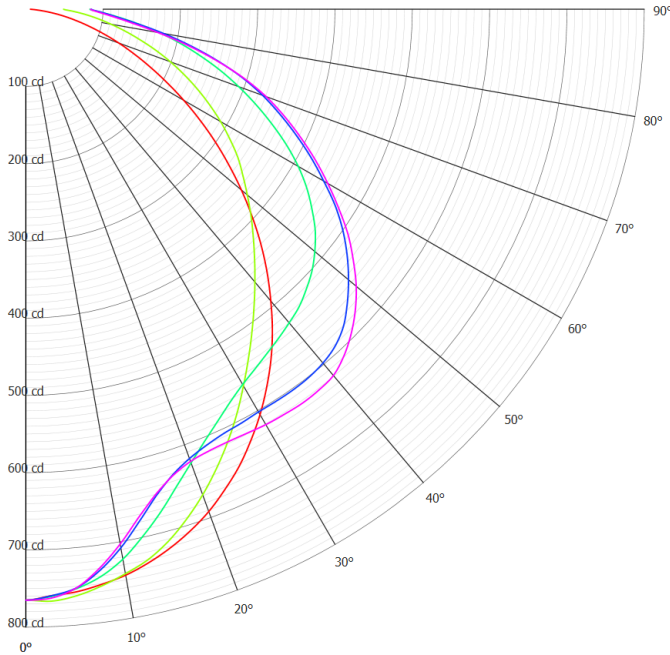
Based on 80 CRI



PHOTOMETRIC DATA

BLVN-H-4'-2.5L-830-UNV-L16

Candela Polar Plot

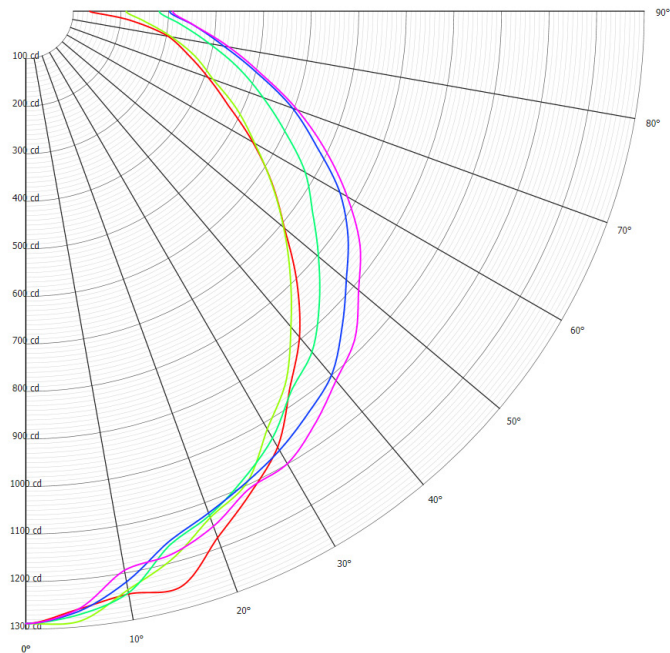


Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	21 fc	20 ft
8 ft	12 fc	27 ft
10 ft	8 fc	33 ft
12 ft	5 fc	40 ft
15 ft	3 fc	50 ft

BLVN-H-4'-4.5L-840-UNV-L16

Candela Polar Plot



Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	36 fc	23 ft
8 ft	20 fc	31 ft
10 ft	13 fc	39 ft
12 ft	9 fc	46 ft
15 ft	6 fc	58 ft