

Project:
Type:
Date:
Product Code:
Approval:



## BLVN

Superior-grade, narrow body suspended-mount vapour proof LED fixture. Fixture 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
- NEDAP wireless controls
- Pendant Mount (Not available on HAZLOC Models)
- 90 CRI available
- IP66 rated motion sensor available
- Polycarbonate Lens

## OPERATING TEMPERATURE

- -29°C to 35°C

## APPLICATIONS

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

## 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

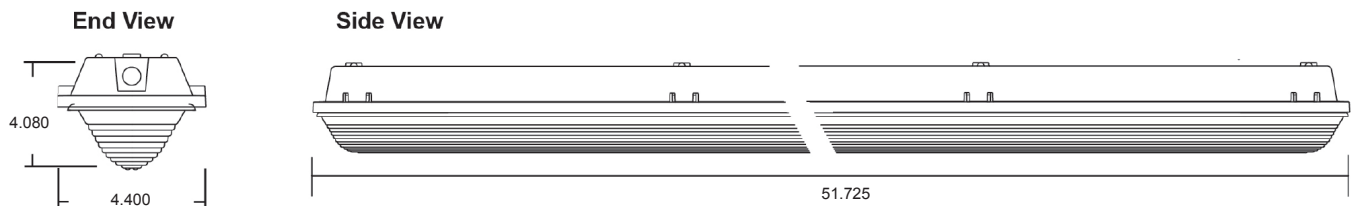
## APPROVALS

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

## WARRANTY

- Standard 5 year system, and 10 year LED warranty

## PRODUCT DIMENSIONS



## PRODUCT KEY

Fixture Type	Efficacy	Fixture Size	Lumen Output	CRI	Colour Temp	Driver Voltage	Options
BLVN		4'					
	S - Standard		1.5	8 - 80 CRI	30 - 3000 K	UNV	<b>Lenses</b> L16 - Ribbed Frosted Acrylic Lens L17 - Ribbed Clear Acrylic Lens L26 - Ribbed Clear Polycarbonate Lens L64 - Ribbed Frosted Polycarbonate Lens
	H - High		2.5	9 - 90 CRI	35 - 3500 K	347	<b>Wireless Controls</b> WC1 - NEDAP Wireless Controls
			3.5		40 - 4000 K		<b>Mounting</b> Blank - Standard Mounting Brackets (2pk) M3 - Aircraft Cable "Y-Toggle", 5 FT M23 - Aircraft Cable "Y-Toggle", 10 FT M33 - Dual Pendant Mounting *Not available on HAZLOC Models
			4.5		50 - 5000 K		<b>Fastener Options</b> Blank - Standard White Nylon Clips H4 - Stainless Steel Latch
			5.5		65 - 6500 K		<b>Cords</b> (Specify Length) W3xx - 16/3 White Cord W4xx - 16/3 Black Cord W5xx - 16/3 Power Cord and NEMA Code
			6.5				<b>Motion Sensor</b> W12 - Standard Motion Sensor W26 - Motion Sensor with Photocell W30 - IP Rated Motion Sensor
			7.5				<b>Battery Backup</b> B24 - 10 Watt Bodine Battery Backup *Not available on HAZLOC Models
							<b>Hazardous Locations</b> H27 - Hazardous Locations Class 1 Div. 2 Groups ABCD, Class 2 Div. 2 Groups FG, Class 3 Div. 2  *Only available in High Efficiency **DLC approved ***Contact factory for information on wireless controls

## WATTAGE CHARTS

Standard Efficiency				
	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
4'	2.5	2,482	19.64	126.37
	3.5	3,237	26.08	124.12
	4.5	4,430	36.37	121.80
	5.5	5,328	43.17	123.42
	6.5	6,181	49.96	123.72
	7.5	7,192	56.76	126.71

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

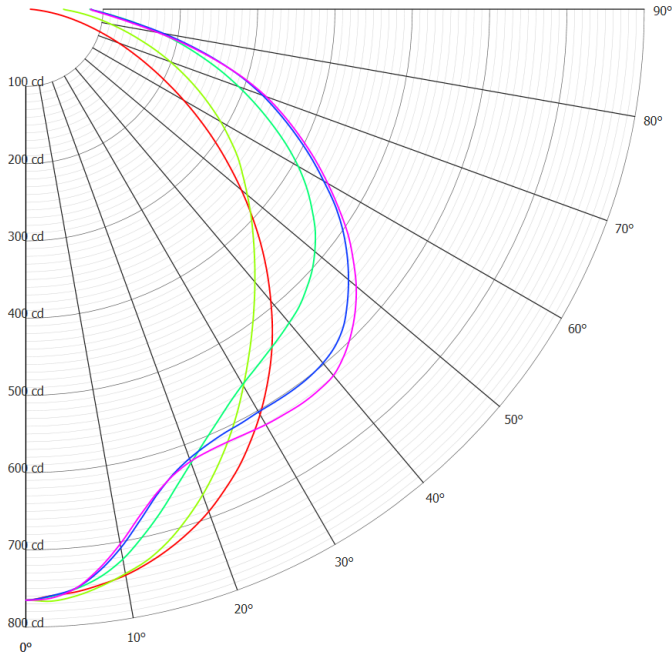
\* Based on UNV voltage  
 \* Based on a Frosted lens  
 \* Based on 4000K



**PHOTOMETRIC DATA**

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

Candela Polar Plot

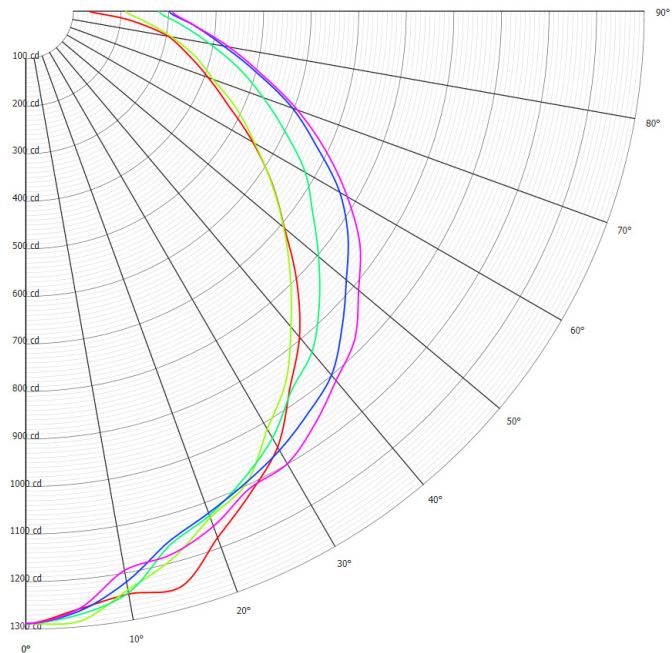


Cone of Light

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