



Project

Product Code

Type

Date

Approval

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

Overview

- Fibreglass body with a continuous poured neoprene gasket
- L70 of 98,000 hours+
- L90 of 30,000 hours+
- 0 - 10V dimming standard

Construction

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

Electrical

- ETL certified to UL Canada and United States standards
- Available in 120-277V and 347V

Optics

- High-efficiency diffuser maximizes light distribution while providing diffusion of LED point sources and reducing glare

Mounting

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

Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Lumen packages are available from 2,500L to 23,000L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- Pendant Mount
- Wireless controls
- IP66 rated motion sensor available
- Polycarbonate and acrylic lenses

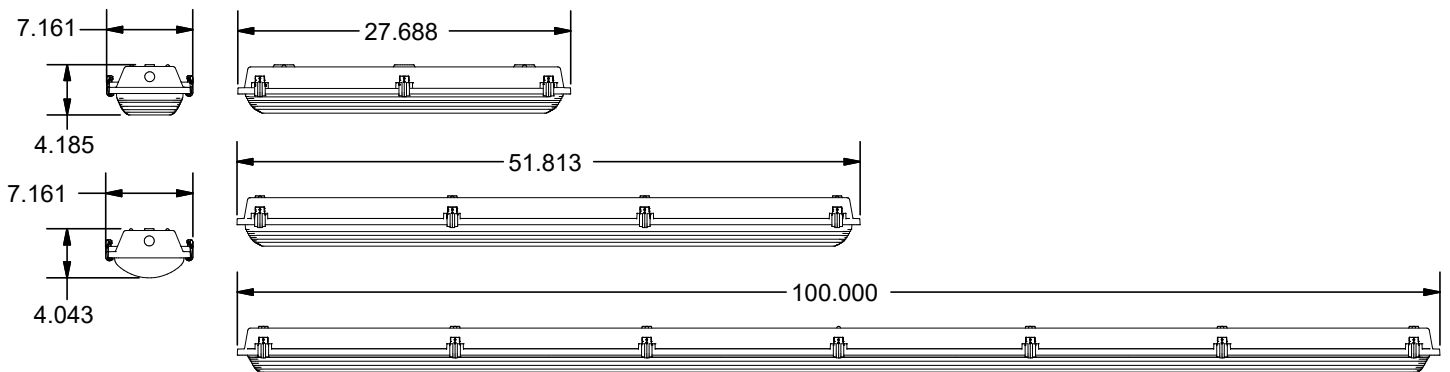
NOTES

⇅⇅⇅ NOMENCLATURE

Fixture Type	Fixture Size	Lumen Output	CRI	Color Temp	Driver Voltage	Options
BLV						
	2', 4'	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		65 - 6500 K		
	4'	7.5				
		8.5				
		9.5				
		10.5				
		11.5				
		5				
		7				
		9				
	8'	11				
		13				
		15				
		17				
		19				
		21				
		23				

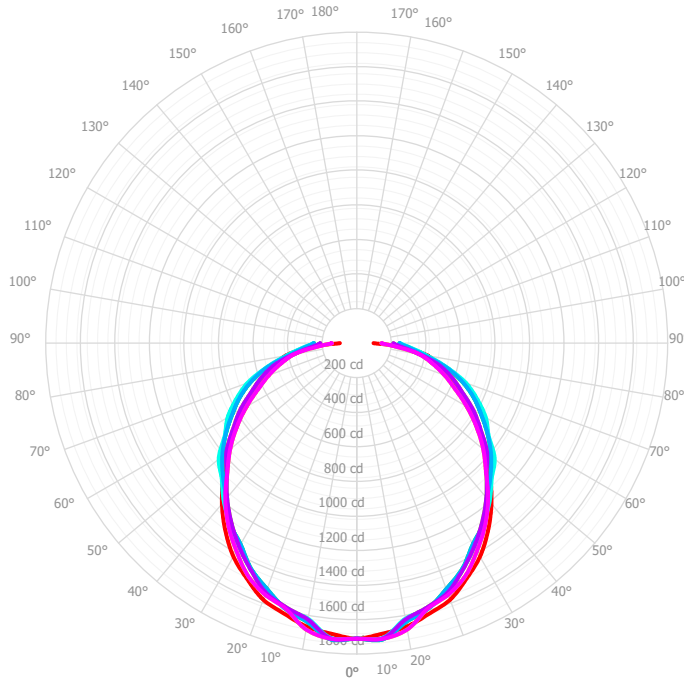
<p>Mounting</p> <ul style="list-style-type: none"> Blank - Standard Mounting Brackets (2pk) M3xx - Y-Toggle Aircraft Cables M24 - Single Pendant Mount M33 - Dual Pendant Mounting Brackets M34 - 45° Mounting Brackets M** - Other Options Available <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>XX</th> <th>Aircraft Length</th> </tr> </thead> <tbody> <tr> <td>05</td> <td>5 Ft</td> </tr> <tr> <td>10</td> <td>10 Ft</td> </tr> <tr> <td>15</td> <td>15 Ft</td> </tr> <tr> <td>20</td> <td>20 Ft</td> </tr> </tbody> </table> <p style="font-size: small; margin-left: 20px;">Example: M310 - 10 foot aircraft cables</p> <p>Fastener Options</p> <ul style="list-style-type: none"> Blank - Standard White Nylon Clips H4 - Stainless Steel Latch <p>Motion Sensor</p> <ul style="list-style-type: none"> W12 - Standard Motion Sensor W26 - Motion Sensor with Photocell W30 - IP66 Rated Motion Sensor WX16 - Microwave Dimmable Sensor <p>Packaging</p> <ul style="list-style-type: none"> P0 - Bulk Packaging P** - Other Options Available 	XX	Aircraft Length	05	5 Ft	10	10 Ft	15	15 Ft	20	20 Ft	<p>Lenses</p> <ul style="list-style-type: none"> 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 L71 - Smooth Frosted Polycarbonate Lens <p>Cords (Specify Length)</p> <ul style="list-style-type: none"> W3xx - 16/3 White Cord W4xx - 16/3 Black Cord W** - Other Options Available <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>XX</th> <th>Cord Length</th> </tr> </thead> <tbody> <tr> <td>06</td> <td>6 Ft</td> </tr> <tr> <td>10</td> <td>10 Ft</td> </tr> <tr> <td>15</td> <td>15 Ft</td> </tr> <tr> <td>20</td> <td>20 Ft</td> </tr> </tbody> </table> <p style="font-size: small; margin-left: 20px;">Example: W306 - 6 foot white cord</p> <p>Controls</p> <ul style="list-style-type: none"> B11 - 0-10V Dimming Leads B12 - Line Voltage Dimming B17 - 10 Watt Battery Back Up B** - Other Options Available WC** - Wireless Controls 	XX	Cord Length	06	6 Ft	10	10 Ft	15	15 Ft	20	20 Ft
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📏 DIMENSIONS



 PHOTOMETRICS

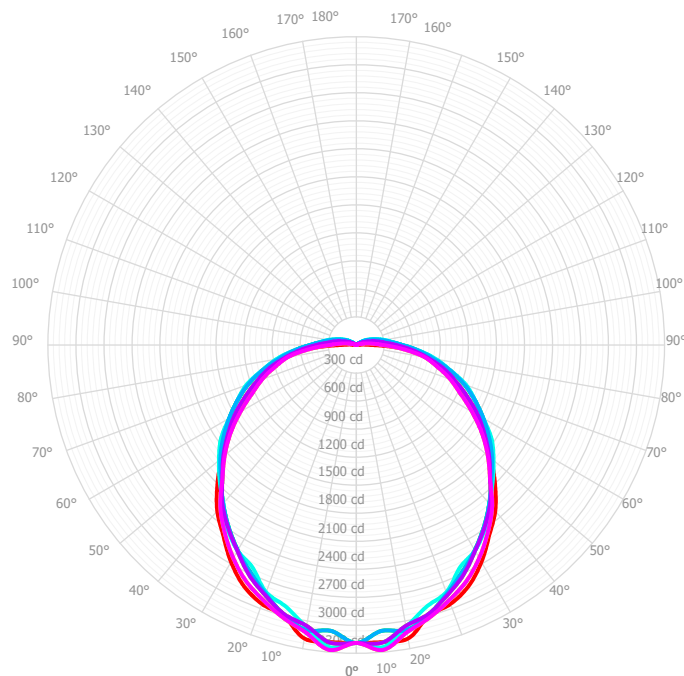
BLV-4FT-5.5L-840-L16



0°-180°	—
22.5°-202.5°	—
45°-225°	—
67.5°-247.5°	—
90°-270°	—
112.5°-292.5°	—
135°-315°	—
157.5°-337.5°	—

Mtg Height	Light Level	Beam Diameter
6.0 ft	47.5 fc	17.1 ft
8.0 ft	26.7 fc	22.9 ft
10.0 ft	17.1 fc	28.6 ft
12.0 ft	11.9 fc	34.3 ft
14.0 ft	8.7 fc	40.0 ft
16.0 ft	6.7 fc	45.7 ft

BLV-8FT-11L-840-L16



0°-180°	—
22.5°-202.5°	—
45°-225°	—
67.5°-247.5°	—
90°-270°	—
112.5°-292.5°	—
135°-315°	—
157.5°-337.5°	—

Mtg Height	Light Level	Beam Diameter
6.0 ft	88.6 fc	18.0 ft
8.0 ft	49.8 fc	24.0 ft
10.0 ft	31.9 fc	30.0 ft
12.0 ft	22.1 fc	36.0 ft
14.0 ft	16.3 fc	42.0 ft
16.0 ft	12.5 fc	47.9 ft

SPECIFICATIONS

BLV-L16 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
Based on UNV Voltage Based on 4000K Based on 80 CRI						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

BLV-L63 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	17.7	139.4	8'	5	5200	35.4	147.1
	3.5	3476	24.8	140.0		3.5	3491	25.1	139.1		7	7361	50.2	146.6
	4.5	4508	31.6	142.8		4.5	4508	32.6	138.3		9	9507	65.1	146.1
Based on UNV Voltage Based on 4000K Based on 80 CRI						5.5	5518	40.0	138.0		11	11640	79.9	145.6
						6.5	6521	47.4	137.6		13	13757	94.8	145.1
						7.5	7518	54.9	136.9		15	15861	109.6	144.7
						8.5	8507	62.3	136.5		17	17948	124.5	144.2
						9.5	9489	69.7	136.1		19	20020	139.4	143.7
						10.5	10465	77.1	135.7		21	22081	154.2	143.2
						11.5	11429	84.6	135.1		23	24108	169.0	142.7