



Project

Product Code

Type

Date

Approval



The BLSP is an LED linear strip fixture designed for surface and suspended mounting. It is well suited for indoor use where high efficiency, row-mountable task lighting is required. Its narrow strip design and modern profile make it an ideal fixture for task lighting applications

Overview

- Narrow strip design allows for a sleek and modern look
- Specially designed extruded lens
- L70 of 160,000 hours+
- L90 of ##,000 hours+
- 0 - 10V dimming standard

Construction

- Manufactured in Ontario, Canada
- Precision bent cold-rolled steel components
- Steel end caps for added rigidity
- Powder coated for a clean look and durable finish
- Access panel provided for easy wiring
- Shallow fixture design for ease of installation and a clean, professional look

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

- Holes provided for surface and suspended mounting
- Knock-outs for row-mounting

Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Available in custom lengths
- Lumen packages are available from 1,125L to 23,000L
- Row-mounting available
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- Wireless controls

NOTES

↓ ↓ ↓ NOMENCLATURE

Fixture Type	Fixture Size	Lumen Output	CRI	Color Temp	Driver Voltage	Options
BLSP	-	-	L -	-	-	- L18 -
	1'	1.125 1.375	8 - 80 CRI 9 - 90 CRI	30 - 3000 K 35 - 3500 K	UNV - 120-277V 347 - 347V	
	2'	1.75 2.25 2.75		40 - 4000 K 50 - 5000 K 65 - 6500 K		
	4'	2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10.5 11.5				
	8'	5 7 9 11 13 15 17 19 21 23				

Controls

- B11 - 0-10V Dimming Lead
- B12 - Line Voltage Dimmin
- B17 - 10 Watt Battery Back U
- B** - Other Options Availabl
- WC** - Wireless Control

Colours

- Blank - White Low-Gloss, Matte Finish
- C5 - Black Low-Gloss, Matte Finis
- C10 - Silver Matte Finis
- C** - Other Options Availabl

Packaging

- P0 - Bulk Packagin
- P** - Other Options Availabl

Reflector

- R1 - White Steel Reflector
- R21 - Asymmetric White Steel Reflector
- R** - Other Options Availabl

Row Mounting

- M54 - Row Mount Body
- W27XYZC - Daisy-Chain with Wago Wire² Connectors
- W22XY - Molex Row Mounting Wirin²

** - Consult BJ Take for more fixture options

xx - Specify Length

1 - Custom cord lengths are available

2 - See page 3 for row mounting wiring charts

3 - Consult BJ Take for 3' and 6' lumen outputs

Lenses

- L18 - Frosted Len

Cords

- W3xx - 16/3 White Cor¹
- W4xx - 16/3 Black Cor¹
- W** - Other Options Availabl

XX	Cord Length ¹
06	6 Ft
10	10 Ft
15	15 Ft
20	20 Ft

Example: W306 - 6 foot white cord

Mounting

- M1 - V-Hanger
- M2xx - V-Hangers & Aircraft Cable
- M3xx - Y-Toggle Aircraft Cable
- M24 - Single Pendant Moun
- M** - Other Options Availabl

XX	Aircraft Length
05	5 Ft
10	10 Ft
15	15 Ft
20	20 Ft

Example: M310 - 10 foot aircraft cables

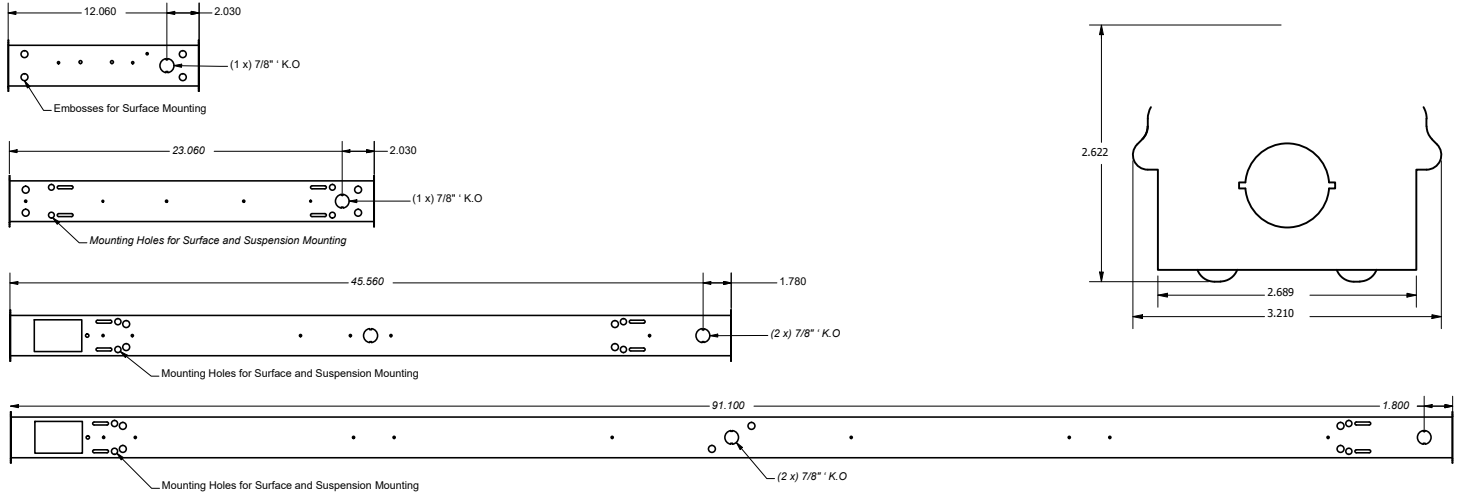
Wire Guard

- G1 - Curved White Wire Guar

Motion Sensor

- W26 - Photocell Motion Sensor
- W53xxx - On/Off Motion Sensor
- W57 - Dimming Motion Sensor (Dims to 50% and stays at 50% output when unoccupied)
- WX16 - Microwave Dimmable Sens
- W** - Other Options Availabl

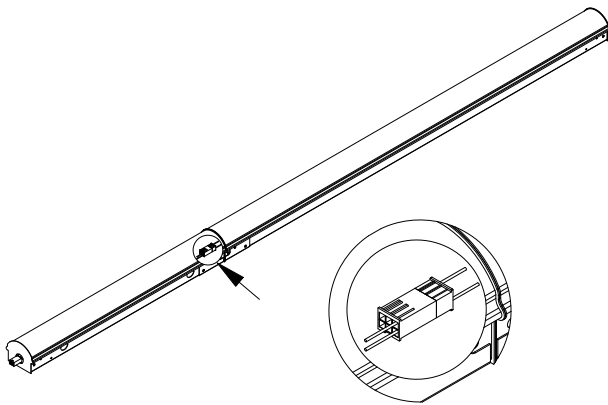
DIMENSIONS



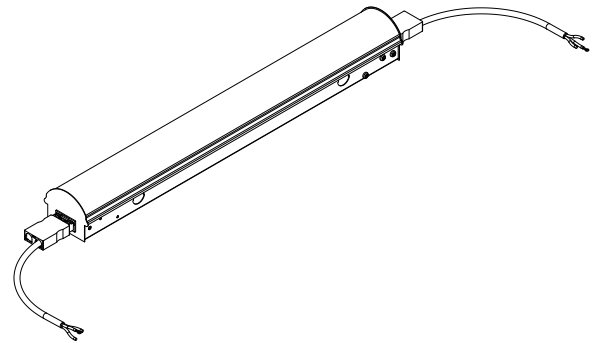
Specifications may change without notice
Standard tolerances apply
Drawings aren't to scale

SPECIFICATIONS

ROW MOUNT WIRING



W22XY Chart	
X - Style	Y - Poles
E - End	3 - 3 Pole
	4 - 4 Pole
	5 - 5 Pole
	6 - 6 Pole



W27-XYZC Chart			
X - Style	Y - Style	Z - Style	C - Colour
S - Side	3 - 3 Pole	Blank - Standard	Blank - White
E - End	4 - 4 Pole	E - End of Row	B - Black
T - Top	5 - 5 Pole		G - Grey
	6 - 6 Pole		

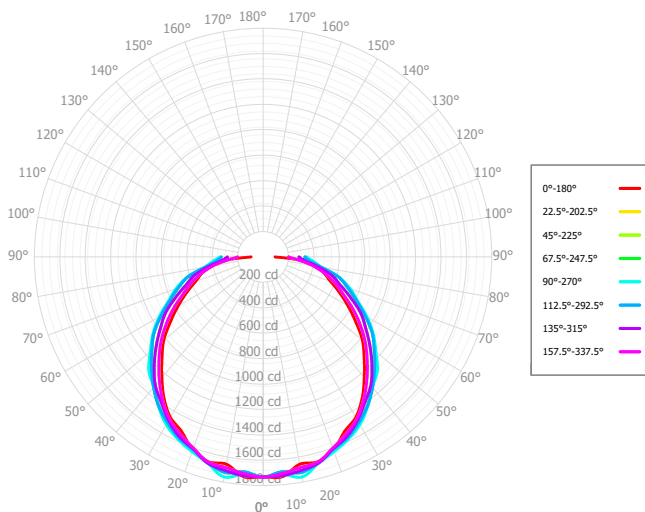
SPECIFICATIONS

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
1'	1.125	1126	7.3	153.6	4'	2.5	2603.7	17.9	145.2	8'	5.0	5345.3	35.7	149.6
	1.375	1377	9.2	148.9		3.5	3673.2	25.6	143.5		7.0	7541	51.0	147.9
2'	1.75	1755	11.1	158.3		4.5	4716.7	33.3	141.8		9.0	9683.1	66.3	146.1
	2.25	2253	14.7	153.6		5.5	5734.1	40.9	140.1		11.0	11772	81.5	144.4
	2.75	2753	18.5	148.5		6.5	6725.4	48.6	138.4		13.0	13807	96.8	142.6
Based on UNV Voltage Based on 4000K Based on 80 CRI						7.5	7690.6	56.3	136.7		15.0	15789	112.1	140.9
						8.5	8629.8	63.9	135.0		17.0	17717	127.4	139.1
						9.5	9542.9	71.6	133.3		19.0	19591	142.6	137.4
						10.5	10430	79.3	131.6		21.0	21412	157.9	135.6
						11.5	11291	86.9	129.9		23.0	23191	173.3	133.9

PHOTOMETRICS

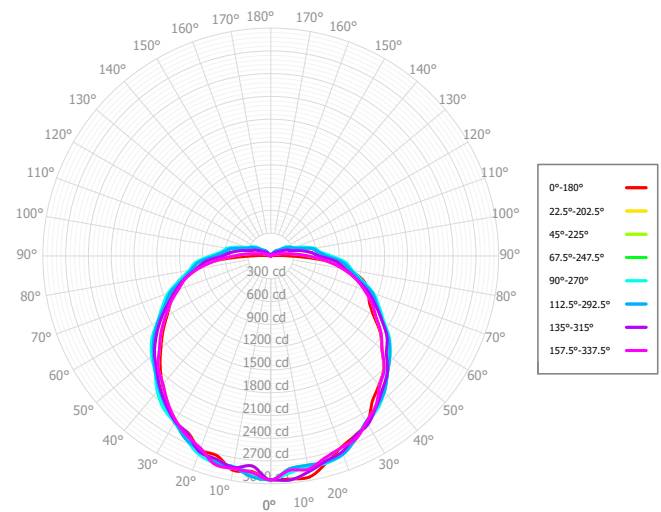
BLSP-4'-5.5L-840-L18



Cone of Light

Mtg Height	Light Level	Beam Diameter
6.0 ft	48.1 fc	17.4 ft
8.0 ft	27.1 fc	23.2 ft
10.0 ft	17.3 fc	29.0 ft
12.0 ft	12.0 fc	34.8 ft
14.0 ft	8.8 fc	40.6 ft
16.0 ft	6.8 fc	46.4 ft

BLSP-8'-11L-840-L18



Cone of Light

Mtg Height	Light Level	Beam Diameter
6.0 ft	81.9 fc	24.2 ft
8.0 ft	46.1 fc	32.2 ft
10.0 ft	29.5 fc	40.3 ft
12.0 ft	20.5 fc	48.4 ft
14.0 ft	15.0 fc	56.4 ft
16.0 ft	11.5 fc	64.5 ft