Project:	
Type:	
Date:	
Product Code:	
Approval:	

BLSP

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.

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

OPTIONS
- 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
- 90 CRI available
- Wireless controls

OPERATING TEMPERATURE
- -20°C to 40°C

APPLICATIONS
- Display Cabinets
- Manufacturing Facilities
- Task Lighting
- Retail Stores

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
Holes provided for surface and suspended mounting, as well as knock outs for row-mounting
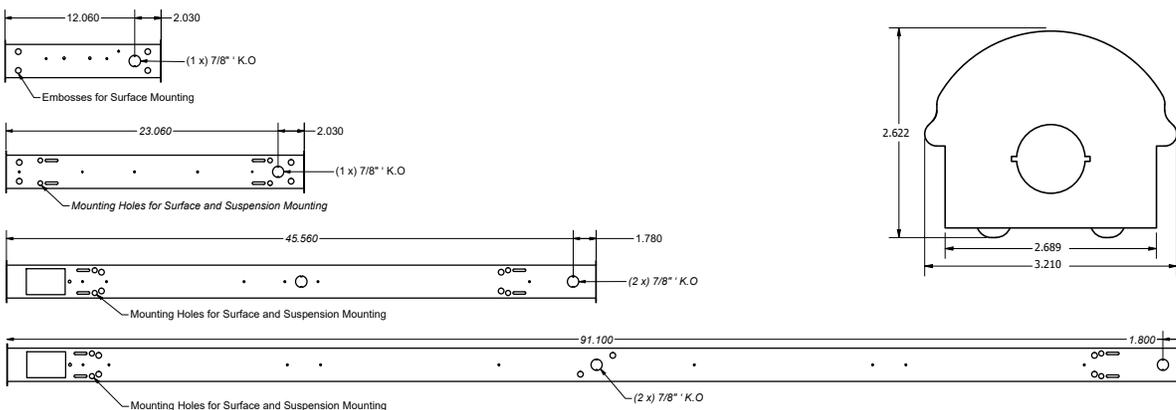
CONSTRUCTION
- Cold rolled steel fixture components are precision bent for added strength and rigidity
- Steel end caps for added rigidity
- Powder coated for a clean look and durable finish
- Access panel provided for easy wiring
- Shallow fixture design for ease of installation and a clean, professional look

APPROVALS
- Dry and Damp Environment Rated
- ETL Listed
- DLC Certified

PRODUCT DIMENSIONS

12.060 | 2.030
(1 x) 7/8" ' K.O
Embosses for Surface Mounting

23.060 | 2.030
(1 x) 7/8" ' K.O
Mounting Holes for Surface and Suspension Mounting

45.560 | 1.780
(2 x) 7/8" ' K.O
Mounting Holes for Surface and Suspension Mounting

91.100 | 1.800
Mounting Holes for Surface and Suspension Mounting
(2 x) 7/8" ' K.O

2.622
2.689
3.210

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

PRODUCT KEY

Fixture Type	Fixture Size[3]	Lumen Output[3]	CRI	Color Temp	Driver Voltage	Options
BLSP	- ⬚	- ⬚ L	- ⬚	⬚	- ⬚	- L18 - ⬚

Fixture Size[3]
- 1'
- 2'
- 4'
- 8'

Lumen Output[3]
1.125
1.375
1.75
2.25
2.75
2.5
3.5
4.5
5.5
6.5
7.5
8.5
9.5
10.5
11.5
5
7
9
11
13
15
17
19
21
23

CRI
- 8 - 80 CRI
- 9 - 90 CRI

Color Temp
- 30 - 3000 K
- 35 - 3500 K
- 40 - 4000 K
- 50 - 5000 K
- 65 - 6500 K

Driver Voltage
- UNV - 120-277V
- 347 - 347V

Controls
- B11 — 0-10V Dimming Leads
- B12 — Line Voltage Dimming
- B17 — 10 Watt Battery Back Up
- B** — Other Options Available
- WC** — Wireless Controls

Colours
- Blank — White Low-Gloss, Matte Finish
- C5 — Black Low-Gloss, Matte Finish
- C10 — Silver Matte Finish
- C** — Other Options Available

Packaging
- P0 — Bulk Packaging
- P** — Other Options Available

Reflector
- R1 — White Steel Reflectors
- R21 — Asymmetric White Steel Reflectors
- R** — Other Options Available

Row Mounting
- M54 — Row Mount Body
- W27XYZC — Daisy-Chain with Wago Wire[2] Connectors
- W22XY — Molex Row Mounting Wiring[2]

** - 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 Lens

Cords
- W3xx — 16/3 White Cord [1]
- W4xx — 16/3 Black Cord [1]
- W** — Other Options Available

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-Hangers
- M2xx — V-Hangers & Aircraft Cables
- M3xx — Y-Toggle Aircraft Cables
- M24 — Single Pendant Mount
- 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

### Wire Guard
- G1 — Curved White Wire Guard

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 Sensor
- W** — Other Options Available

WATTAGE CHART

						BLSP Efficiency 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		2.5	2603.7	17.9	145.2		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	4'	6.5	6725.4	48.6	138.4	8'	13.0	13807	96.8	142.6
						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

Based on UNV Voltage
Based on 4000K
Based on 80 CRI

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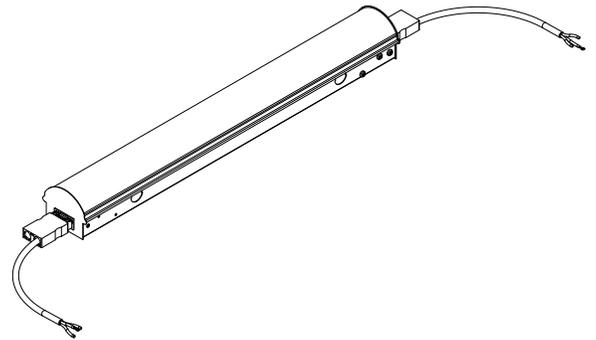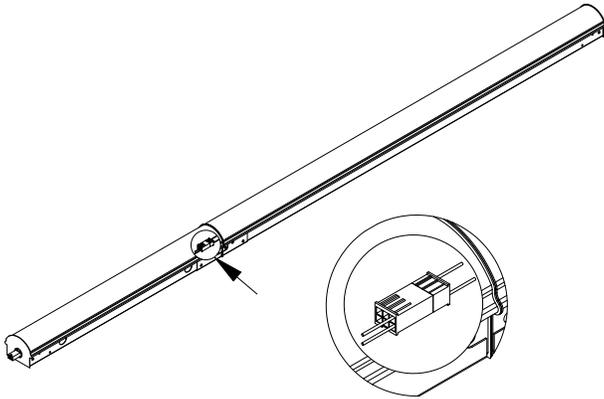
W22XY Chart	
X - Style	Y - Poles
E - End	3 - 3 Pole
	4 - 4 Pole
	5 - 5 Pole
	6 - 6 Pole

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		

PHOTOMETRIC DATA

BLSP-4'-11.5L-830-UNV-L18

Candela Polar Plot
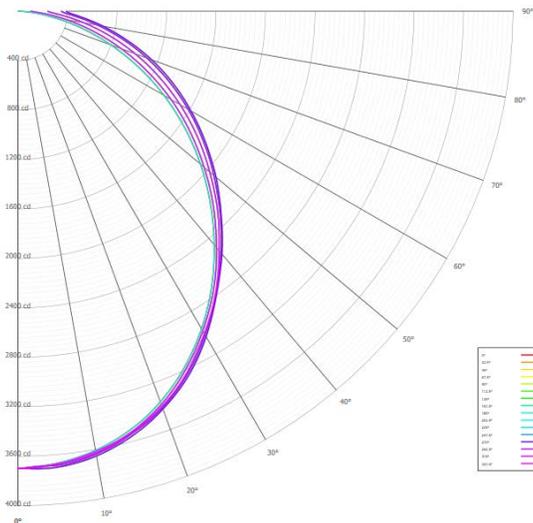
Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	103 fc	15 ft
8 ft	58 fc	20 ft
10 ft	37 fc	25 ft
12 ft	26 fc	30 ft
15 ft	16 fc	37 ft