

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 up to 160,000 hours
- 0 - 10V dimming standard

OPTIONS

- 2', 4' and 8' lengths available
- Lumen packages are available from 1,750L to 19,000L
- Row-mounting available
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- 90 CRI available
- NEDAP wireless controls

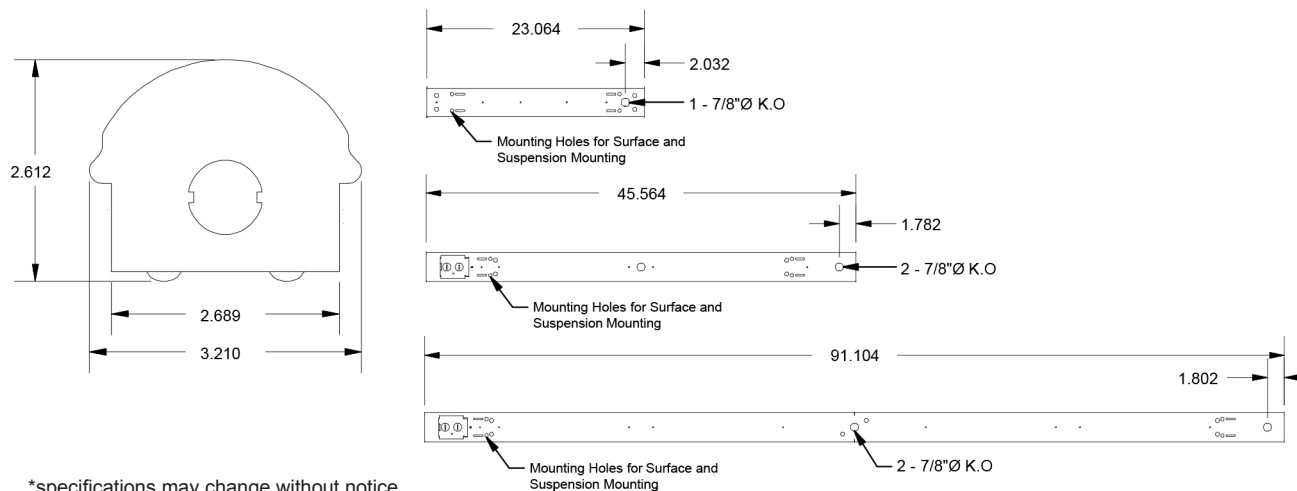
OPERATING TEMPERATURE

- -20°C to 35°C

APPLICATIONS

- Display Cabinets
- Manufacturing
- Task Lighting
- Retail Stores

PRODUCT DIMENSIONS



*specifications may change without notice



OPTICS

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

ELECTRICAL

All components are UL 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

- Pre-painted white steel fixture components are precision bent for added strength and rigidity
- Spot welded steel end caps for added rigidity
- 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 Listed

WARRANTY

- Standard 5 year system, and 10 year LED warranty

PRODUCT KEY

Fixture Type	Efficacy	Fixture Size	Lumen Output	CRI	Colour Temp	Driver Voltage	Options
BLSP							
	S - Standard		1.75	8 - 80 CRI	30 - 3000 K	UNV	Lenses L18 - Frosted Lens (Standard)
	H - High	2'	2.25	9 - 90 CRI	35 - 3500 K	347	Wire Guard G1 - Curved White Wire Guard
			2.75		40 - 4000 K		Wireless Controls WC1 - NEDAP Wireless Controls
			2.5		50 - 5000 K		Mounting M1 - V-Hangers M3 - Aircraft Cable "Y-Toggle", 5 FT M7 - Row Mounting, End of Row M8 - Row Mounting, Middle of Row M23 - Aircraft Cable "Y-Toggle", 10 FT M24 - Pendant Mount, 3/4" Hub and Stabilizer Bracket
		4'	3.5		65 - 6500 K		Cords (Specify Length) W3xx - 16/3 White Cord W4xx - 16/3 Black Cord W8xx - 16/3 Power Cord and 120 Volt Plug
			4.5				Motion Sensor W26 - Photocell Motion Sensor W53 - Snap in Motion Sensor W57 - Dimming Motion Sensor (Dims to 50% and stays at 50% outout when unoccupied)
			5.5				Color Blank - Standard White C5 - Black C15 - Silver
			6.5				
			7.5				
			8.5				
			9.5				
		8'	5				
			7				
			9				
			11				
			13				
			15				
			17				
			19				

WATTAGE CHARTS

Standard Efficiency														
	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt		Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt		Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	1.75	1,786	15.03	118.8	4'	2.5	2,473	19.8	125.0	8'	5.0	5,062	37.25	135.9
	2.25	2,213	18.03	122.7		3.5	3,471	27.9	124.4		7.0	7,087	53.99	131.3
	2.75	2,721	21.03	129.4		4.5	4,431	36.3	122.2		9.0	9,111	68.32	133.4
				5.5		5,245	41.9	125.2	11.0		11,136	83.30	133.7	
				6.5		6,092	47.5	128.2	13.0		13,161	98.29	133.9	
				7.5		7,181	55.8	128.8	15.0		15,186	113.27	134.1	
				8.5		8,259	64.1	128.8	17.0		17,211	128.26	134.2	
				9.5		9,337	72.5	128.8	19.0		19,235	145.00	132.7	

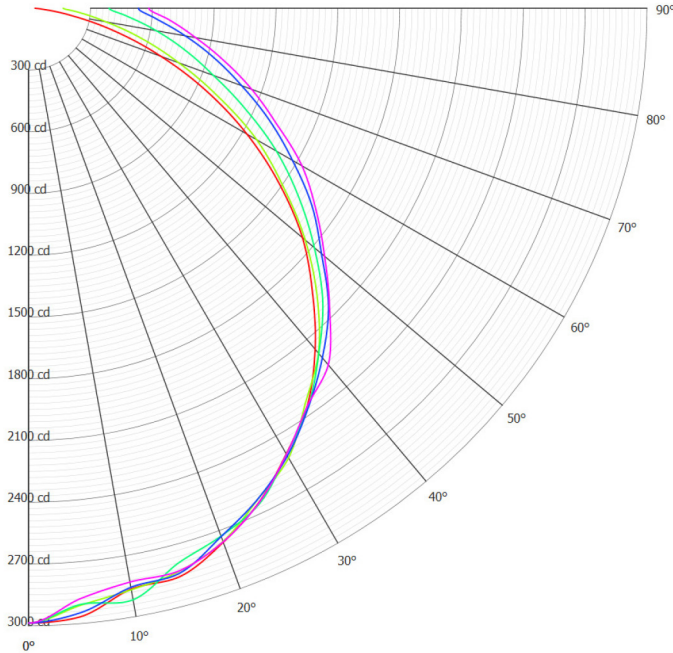
High Efficiency														
	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt		Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt		Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	2.25	2,187	16.43	133.1	4'	2.5	2,583	17.9	144.7	8'	5.0	5,212	33.13	157.3
	2.75	2,672	19.24	138.9		3.5	3,555	24.5	145.3		7.0	7,313	46.45	157.4
				4.5		4,544	31.1	146.0	9.0		8,694	60.08	144.7	
				5.5		5,554	37.8	146.9	11.0		10,626	73.34	144.9	
				6.5		6,563	44.5	147.5	13.0		12,558	86.61	145.0	
				7.5		7,245	50.7	142.8	15.0		14,490	101.44	142.8	
				8.5		8,211	57.0	144.2	17.0		16,421	113.92	144.1	
				9.5		9,176	63.2	145.2	19.0		18,353	126.40	145.2	

* Based on UNV voltage
* Based on an Frosted lens
* Based on 4000K

PHOTOMETRIC DATA

BLSP-H-4'-9.5L-840-UNV

Candela Polar Plot

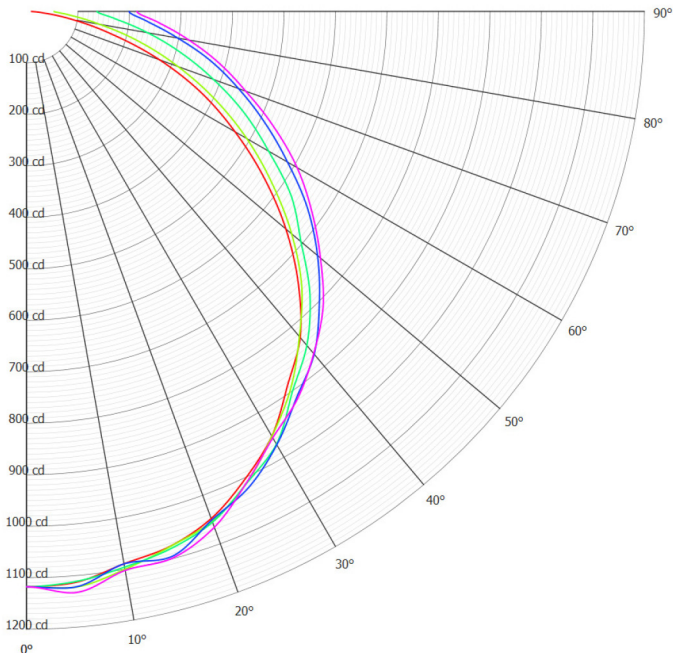


Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	83 fc	19 ft
8 ft	47 fc	26 ft
10 ft	30 fc	32 ft
12 ft	21 fc	39 ft
15 ft	13 fc	48 ft

BLSP-H-4'-3.5L-840-UNV

Candela Polar Plot



Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	31 fc	20 ft
8 ft	17 fc	27 ft
10 ft	11 fc	33 ft
12 ft	8 fc	40 ft
15 ft	5 fc	50 ft