

The Iroquois Series

BLSPTI - True Length Linear Strip

Project	Date
Part	Type



About The Iroquois Series

The BLSPTI is a LED true-length 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.

Specifications

Supported Voltage	120-277V, 347V, 120-347V
Available Sizes	1', 2', 4', 6', 8', 10' - true length(1' is exactly 1' in length, etc) *custom sizes available
Lifetime	L70 of 99,000+ hours, L90 of 30,000+ hours
Lumens	1' 1.125L (1125lm) to 8' 23L (23000lm)
Operating Temperature	-20°C/+25°C (-40°/+40°C upgrade)
CCT	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
CRI	80+ standard, 90+ and 95+ available
Dimming	0-10V Standard
Mounting	Holes provided for V-hangers, S-hook chain-mounting, or aircraft cables. Optional pendant mount and row-mount brackets. Knockouts provided for row mounting

Approvals

- ETL Listed
- DLC Listed
- Dry and Damp Environment Rated
- Designed and Manufactured in Canada

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BLSPTI - True Length Linear Strip

Linear Strip Lighting by



Ordering Information

Fill in the fields below with your product selections. If you need help with this section, [contact your local sales professional](#).

BLSPTI - **4'** - **5.5L** - **840** - **UNV**
 Fixture Series Lumen Output CRI & Colour Temperature Voltage

1	2	3	4	5
BLSPTI				
Series	Length & Lumen Output		CRI	Voltage
BLSPTI	1' - 1.125L	1126 lm	4' - 9.5L	9500 lm
	1' - 1.375L	1377 lm	4' - 10.5L	10500 lm
	1' - 1.75L	1755 lm	4' - 11.5L	11500 lm
	2' - 2.5L	2353 lm	8' - 5L	5000 lm
	2' - 3.5L	3294 lm	8' - 7L	7000 lm
	2' - 4.5L	4271 lm	8' - 9L	9000 lm
	4' - 2.5L	2500 lm	8' - 11L	11000 lm
	4' - 3.5L	3500 lm	8' - 13L	13000 lm
	4' - 4.5L	4500 lm	8' - 15L	15000 lm
	4' - 5.5L	5500 lm	8' - 17L	17000 lm
	4' - 6.5L	6500 lm	8' - 19L	19000 lm
	4' - 7.5L	7250 lm	8' - 21L	21000 lm
	4' - 8.5L	8500 lm	8' - 23L	23000 lm
			8	80
			9	90+
			1	95+
			27	2700K
			30	3000K
			35	3500K
			40	4000K
			50	5000K
			65	6500K
			UNV	120-
				277V
				347V
				347V
				120-
				347V

Options

Lenses

L18 Impact-Resistant Frosted Lens

Cords

W3xx White 16/3 (Specify Length)

W4xx Black 16/3 (Specify Length)

W59xx White 16/5 (Specify Length)

W*** Other Options Available

Key.	Cord Length.	Key	Cord Length
6	6FT	15	15FT
10	10FT	20	20FT

Ex. W406 would be 16/3 Black, 6FT

Motion Sensors

W26 Photocell Motion Sensor

W57 Dimming Motion Sensor (dims to 50% when unoccupied)

W53* On/Off

W8* High/Low

WX16 Microwave Dimmable Sensor

W** Other Options Available

Wire Guard

G1 Heavy Duty White

G5 Heavy Duty Black

Finish

BLANK Standard Gloss White

C5 Matte Black

CUSTOM* Custom Colour Choice

Dimming

B11 0-10V Dimming Leads

B12 Line voltage dimming

B27 Dim-to-off Driver

B** Other Options Available

Controls

WC10* Encelium Wireless Controls

WC18* NX Wireless Controls

WC19* Avi-on Wireless Controls

WC22* JDRF Wireless Controls

Emergency Driver

B17 UL924 6W Battery Back-up

B24 UL924 10W Battery Back-up

B38 UL924 15W Battery Backup

F8 UL924 Emergency Relay

Packaging

BLANK Individually Boxed on Pallets

P0 Bulk Packaging

P** Other Options Available

Mounting

M1 V-Hangers

M2xx V-Hanger with Aircraft Loop Cables

M3xx Y-Toggle Aircraft Cables

M24 Single Pendant Mount(3/4 Hub)

M** Other Options Available

Key.	Aircraft Length.	Key	Aircraft Length
5	5FT	15	15FT
10	10FT	20	20FT

Ex. M305 would be Y-Toggle, 5FT

Modular Wiring

W27XYZC Modular Power Cable

W22XY Molex Row Mounting Wiring

Warranty

CL7 10-Year Comprehensive Warranty Upgrade

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BSLPTI - True Length Linear Strip

Linear Strip Lighting by



Documentation and Resources

All files and resources are available on our website for download. Files and resources are also embedded as links in this document, listed below. Additional files may be available upon request.

Please contact your local sales agent [here](#) or contactsales@bjtake.com for more information.

 [BSLPTI - Installation Instructions](#)

 [BSLPTI - Photometry.zip](#)

Certifications and Listings

Certifications that apply to this fixture and its possible configurations are listed here. More information available upon request.

Icon	Description
	Wireless Controls Available
	90 and 95+ CRI Options Available
	120-347V(UN3) Available
	ETL Listed

Usage Applications

This fixture can be used in a variety of applications, and is ideal for the following:

Usage Application
Manufacturing Facilities
Storage
Offices
Schools
Retail Stores
Distribution Facilities
Processing Plants
Aisle Lighting

Warranty Statement

BJ Take products are tested and/or inspected prior to being packaged for shipment and are guaranteed from the day the product is shipped for a period of ten-year LED chip warranty and a five-year comprehensive component warranty. This can be upgraded to a ten-year comprehensive warranty on request.

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Linear Strip Lighting by



Wattage information

Below are the available wattage tables for the BLSPTI. More information is available upon request.

BLSPTI 1' & 2' Wattage

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per watt
1'	1.125	1125	8.0	140.625
1'	1.375	1375	9.8	140.310
2'	1.750	1750	12.5	140.000
2'	2.250	2250	16.1	139.750
2'	2.750	2750	19.6	140.300

BLSPTI 4' Wattage

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per watt
4'	2.5	2565	17.2	149.1
4'	3.5	3631	24.7	147.0
4'	4.5	4670	32.2	145.0
4'	5.5	5683	39.6	143.5
4'	6.5	6669	47.1	141.6
4'	7.5	7628	54.5	140.0
4'	8.5	8561	62.0	138.1
4'	9.5	9467	69.5	136.2
4'	10.5	10347	76.9	134.6
4'	11.5	11203	84.4	132.7

BLSPTI 8' Wattage

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per watt
8'	5.0	5252	35.3	148.8
8'	7.0	7361	50.1	146.9
8'	9.0	9420	64.9	145.1
8'	11.0	11424	79.6	143.5
8'	13.0	13375	94.4	141.7
8'	15.0	15273	109.2	139.9
8'	17.0	17119	124.0	138.1
8'	19.0	18908	138.7	136.3
8'	21.0	20642	153.5	134.5
8'	23.0	22332	168.2	132.8

BLSPTI Light Loss Factor (LLF)

CCT	Output%
2700K	92.95
3000K	95.51
3500K	96.80
4000K	100.00
5000K	101.28
90CRI	84.72

* Actual lumen output may vary

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BLSPTI - True Length Linear Strip

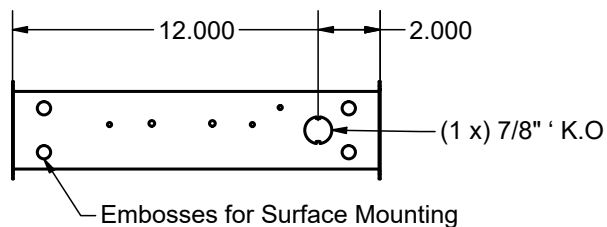
Linear Strip Lighting by



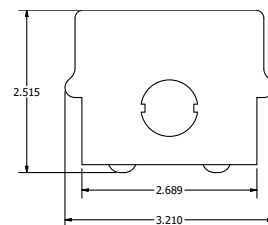
Dimension Information

Below you will find the dimensions for all sizes of the BLSPTI.

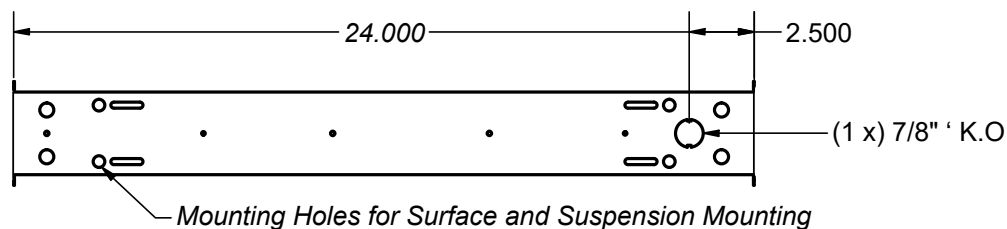
BLSPTI 1' Side



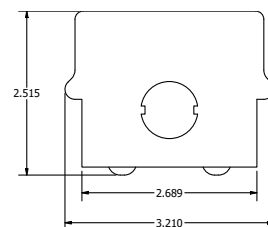
End Dimensions



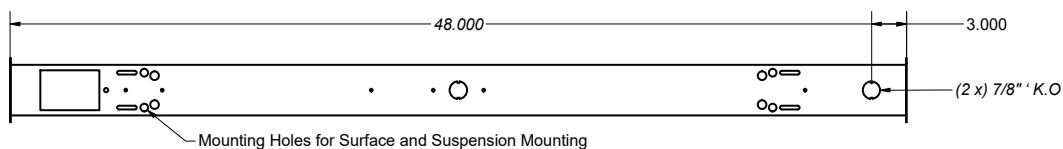
BLSPTI 2' Side



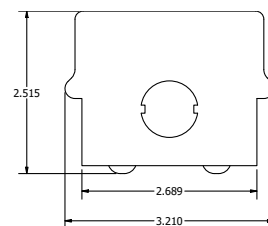
End Dimensions



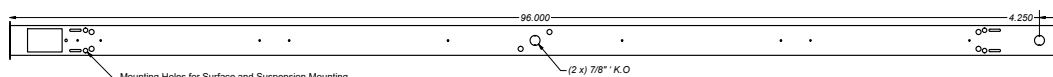
BLSPTI 4' Side



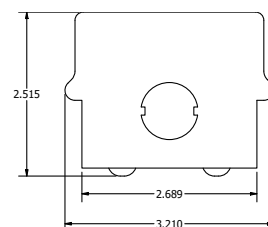
End Dimensions



BLSPTI 8' Side



End Dimensions



* Drawings aren't to scale

* Standard tolerances apply

* Specifications may change without notice

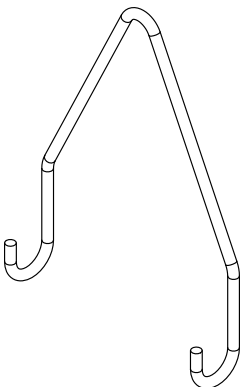
The Iroquois Series

BLSPTI - True Length Linear Strip

Linear Strip Lighting by

BJTAKE
LIGHTING

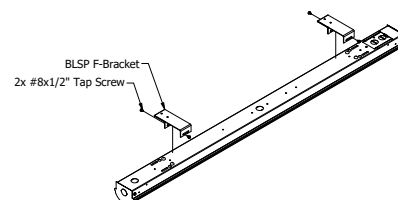
M1 - V-Hanger



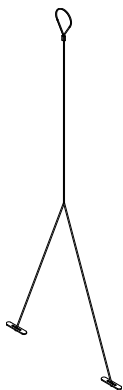
M2xx - V-Hanger + Aircraft Loop



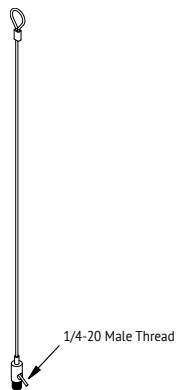
M64 - F-Style Bracket



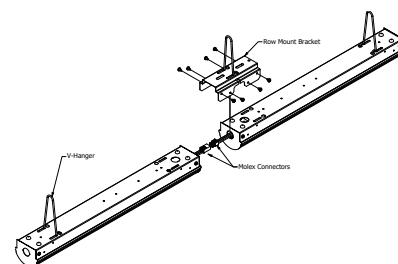
M3xx - Y-Toggle Aircraft Cables



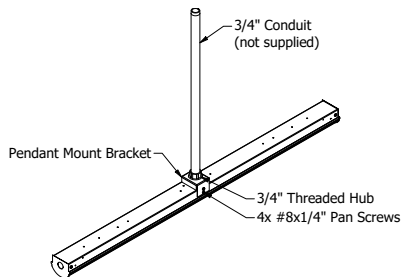
M62xx - Loop Kit + Side Grippers



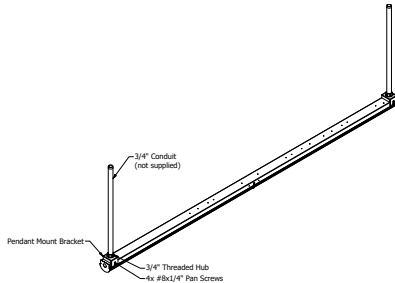
(Row) - Row Mount



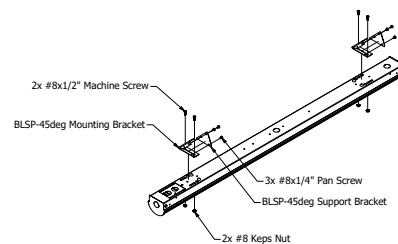
M24 - 4 Foot Pendant Mount



M24 - 8 Foot Pendant Mount



M34 - 45° Bracket



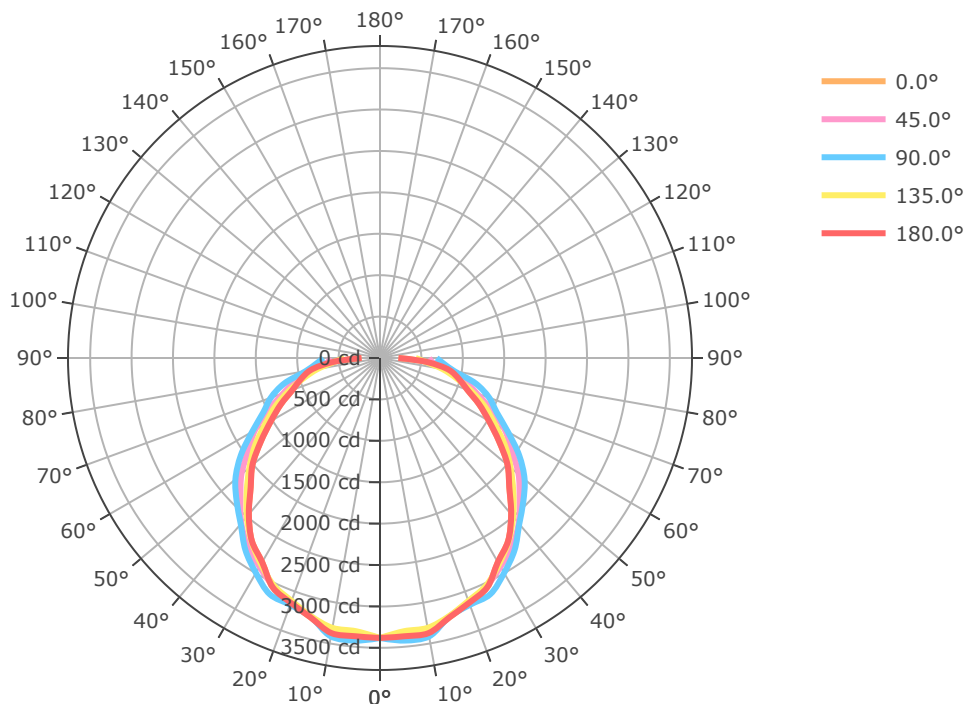
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BLSPTI - True Length Linear Strip

Linear Strip Lighting by

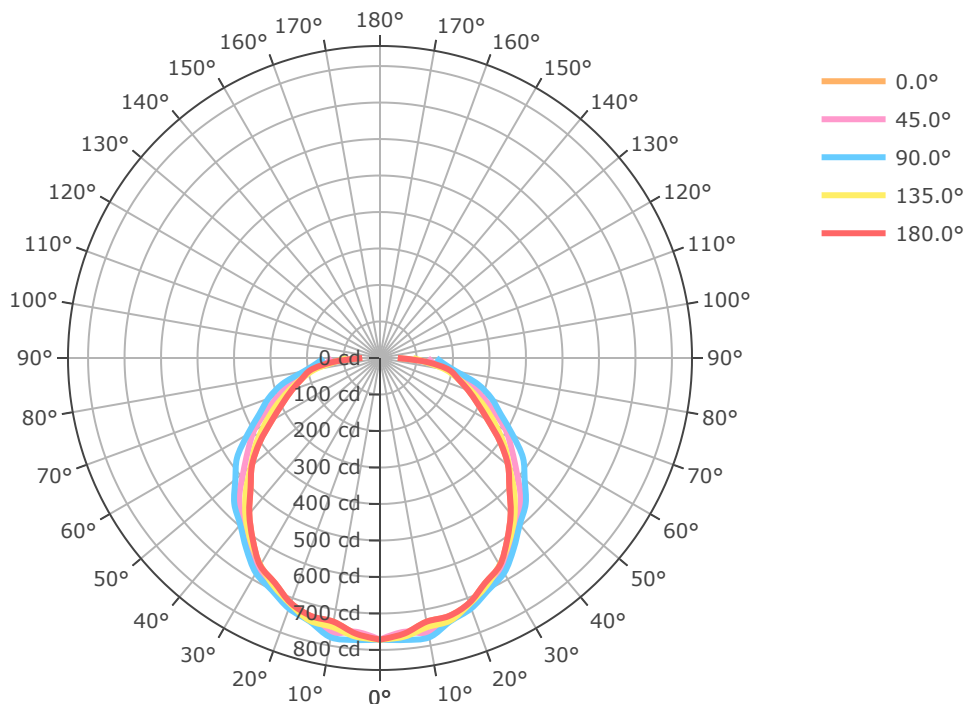


BLSPT-4FT-11.5L-840-L18



Mtg Height	Light Level	Beam Diameter
6.0 ft	93.9 fc	18.1 ft
8.0 ft	52.8 fc	24.1 ft
10.0 ft	33.8 fc	30.1 ft
12.0 ft	23.5 fc	36.1 ft
14.0 ft	17.3 fc	42.1 ft
16.0 ft	13.2 fc	48.1 ft
24.0 ft	5.9 fc	72.2 ft
32.0 ft	3.3 fc	96.3 ft
40.0 ft	2.1 fc	120.4 ft
48.0 ft	1.5 fc	144.4 ft
56.0 ft	1.1 fc	168.5 ft
64.0 ft	0.8 fc	192.6 ft

BLSPT-4FT-2.5L-840-L18



Mtg Height	Light Level	Beam Diameter
6.0 ft	21.4 fc	18.0 ft
8.0 ft	12.1 fc	24.1 ft
10.0 ft	7.7 fc	30.1 ft
12.0 ft	5.4 fc	36.1 ft
14.0 ft	3.9 fc	42.1 ft
16.0 ft	3.0 fc	48.1 ft
24.0 ft	1.3 fc	72.2 ft
32.0 ft	0.8 fc	96.3 ft
40.0 ft	0.5 fc	120.3 ft
48.0 ft	0.3 fc	144.4 ft
56.0 ft	0.2 fc	168.5 ft
64.0 ft	0.2 fc	192.5 ft

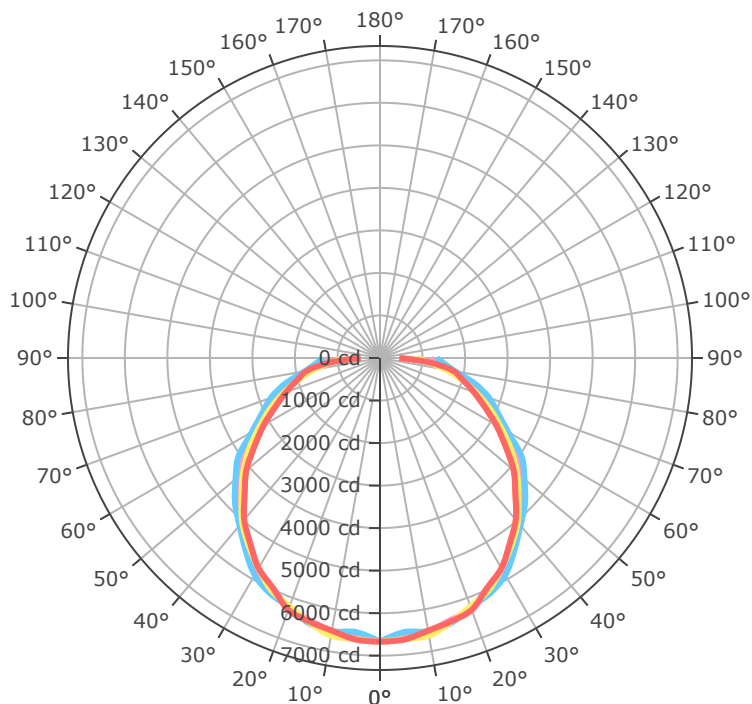
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Linear Strip Lighting by



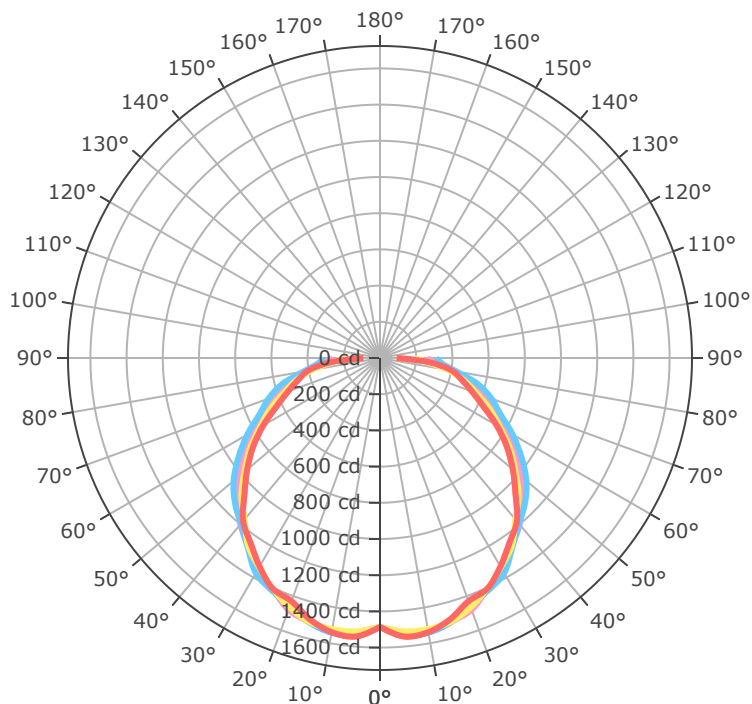
BLSPT-8FT-23L-840-L18



- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	185.3 fc	19.2 ft
8.0 ft	104.2 fc	25.6 ft
10.0 ft	66.7 fc	32.0 ft
12.0 ft	46.3 fc	38.4 ft
14.0 ft	34.0 fc	44.8 ft
16.0 ft	26.1 fc	51.2 ft
24.0 ft	11.6 fc	76.8 ft
32.0 ft	6.5 fc	102.4 ft
40.0 ft	4.2 fc	128.1 ft
48.0 ft	2.9 fc	153.7 ft
56.0 ft	2.1 fc	179.3 ft
64.0 ft	1.6 fc	204.9 ft

BLSPT-8FT-5L-840-L18



- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	41.3 fc	20.9 ft
8.0 ft	23.2 fc	27.8 ft
10.0 ft	14.9 fc	34.8 ft
12.0 ft	10.3 fc	41.8 ft
14.0 ft	7.6 fc	48.7 ft
16.0 ft	5.8 fc	55.7 ft
24.0 ft	2.6 fc	83.5 ft
32.0 ft	1.5 fc	111.3 ft
40.0 ft	0.9 fc	139.2 ft
48.0 ft	0.6 fc	167.0 ft
56.0 ft	0.5 fc	194.9 ft
64.0 ft	0.4 fc	222.7 ft

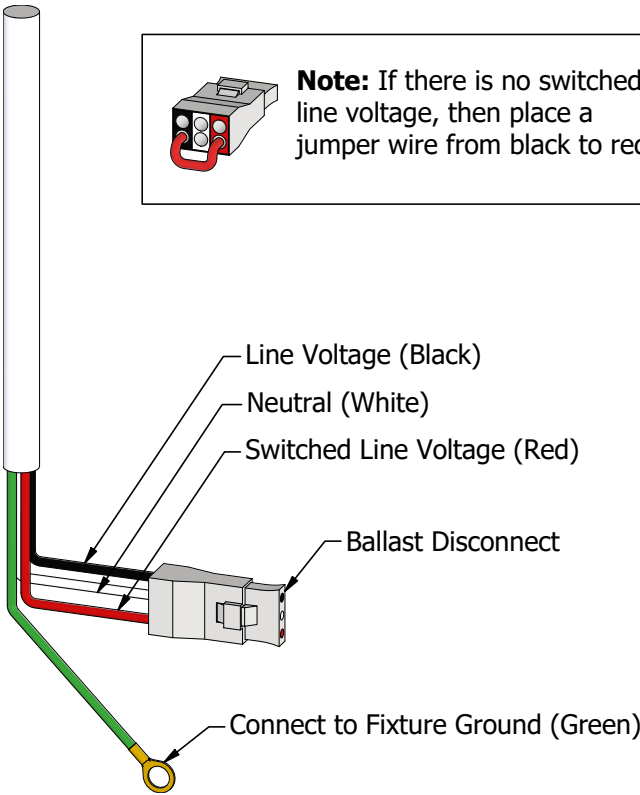
Emergency Battery Plan - 10W

Emergency Lighting	Solution System Components	System Operation
Option Code 'B17' - UL 924 listed components that are factory installed in the luminaire	UL 924 listed 10-watt battery integral to the luminaire	Loss of normal power is detected by the B17 emergency light solution and the power supply is switched automatically to the 10-watt integral battery pack which powers the emergency LED lighting driver.
	UL 924 listed LED emergency lighting driver integral to the luminaire	The battery pack and emergency LED driver are UL 924 certified to provide a minimum of 90-minutes of emergency lighting.
	Wiring options for both switched and unswitched emergency lighting	

Emergency Lighting Wiring



Note: If there is no switched line voltage, then place a jumper wire from black to red.



Important Information

More information on emergency lighting options and configurations available on request.

Gallery Information

Below you will find images of relevant products and configurations for the BLSPTI.

