

Project	Date
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Part	Type
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# BLS1



## About the BLS1

The BLS1 is an LED decorative linear fixture that is ideal for indoor use, where energy efficiency, performance and ease of maintenance is essential. Its modern profile is designed for superior light paths making it an ideal fixture for many applications.

## Specifications

Supported Voltage	120-277V, 347V, 120-347V, 480V
Available Sizes	4'
Lifetime	L70 of 99,000+ hours
Operating Temperature	-20°C/+40°C
Lumens	Down 0.5L-4L / Up 0.5L-3L
CCT	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
CRI	80+ standard, 90+ and 95+ available
Dimming	0-10V Standard
Mounting	V hangers, aircraft cables, wall mount, canopy kits for t-bar or j-box mounting

## Approvals

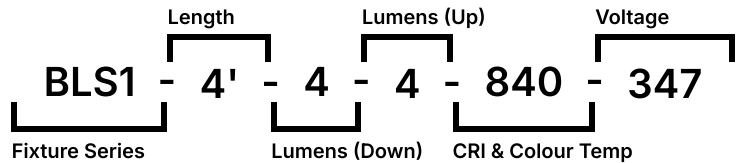
- Dry and Damp Environment Rated
- Made with UL Listed Components

## Warranty

- | 5 Year Comprehensive, 10 Year LED

## Ordering Information

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



1	2	3	4	5	6	7					
BLS1											
Series	Length	Lumens (Up)		Lumens (Down)		CRI	Colour Temp		Voltage		
BLS1	4'	0.5L	(500lm)	1L	(1000lm)	8	80 CRI	27	2700K	UNV	120-
		1L	(1000lm)	1.5L	(1000lm)	9	90 CRI	30	3000K		277V
		1.5L	(1000lm)	2L	(2000lm)	1	95+ CRI	35	3500K	UN3	120-
		2L	(2000lm)	2.5L	(2000lm)			40	4000K		347V
		2.5L	(2000lm)	3L	(3000lm)			50	5000K	347	347V
		3L	(3000lm)	3.5L	(3000lm)			65	6500K	480	480V
		3.5L	(3000lm)	4L	(4000lm)						
		4L	(4000lm)								

## Options

## Lenses

BLANK | Frosted Acrylic [Down] & Clear Acrylic [Up]

## 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

## 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\*

## Packaging

BLANK | Individually Boxed on Pallets  
 P0 | Bulk Packaging  
 P\*\* | Other Options Available\*

## Mounting

M56 | Wall Mount  
 M62xx | Aircraft Loop Kits w/ Side Exit Cable Grippers  
 M\*\* | Other Options Available\*

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

## Canopy

Ex. **M305** would be Y-Toggle, 5FT

M35xx | White canopy kits for T-bar or j-box mounting  
 M61xx | Black canopy kits for j-box mounting

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

Ex. **M3506** would be white canopy kit, 5FT

## Modular Wiring

W27XYZC | Modular Power Cable  
 W22XY | Molex Row Mounting Wiring

## Warranty

CL7 | 10-Year Comprehensive Warranty Upgrade

**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 contact [sales@bjtake.com](mailto:sales@bjtake.com) for more information.

 BLS1-4'-3.5-3.5-830.ies

**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

**Usage Applications**

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

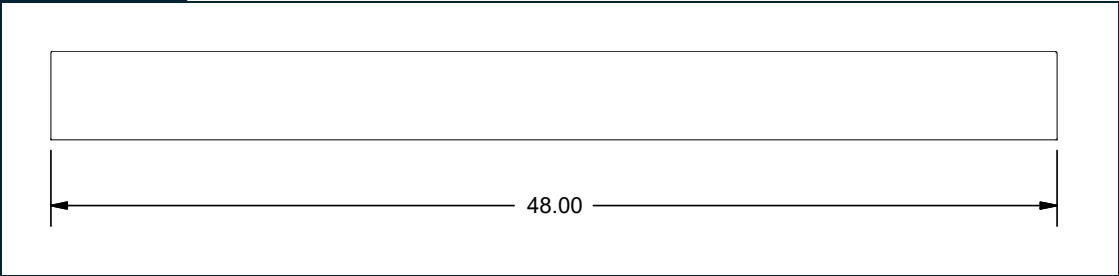
Usage Application
Displays
Hospitals
Task Lighting
Retail Stores

**Warranty Statement**

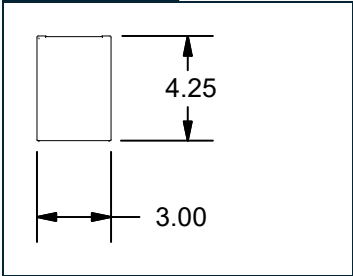
BJ Take products are tested and/or inspected prior to being packaged for shipment and are guaranteed from the day the product is shipped for a period of ten-year LED chip warranty and a five-year comprehensive component warranty. This can be upgraded to a ten-year comprehensive warranty on request.

# BLS1

BLS1 4' Side



BLS1 4' End



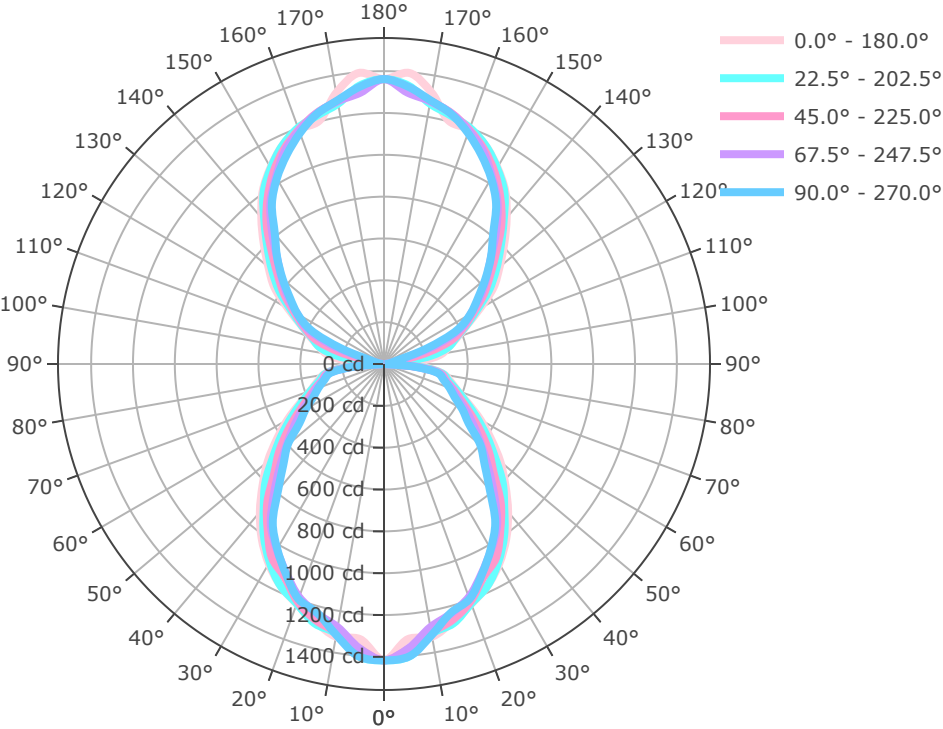
BLS1 4' Wattage

Fixture Size	Down Light Lumen Output	Wattage (Up)	Up Light Lumen Output	Wattage (Down)
4'	0.5	5.0	0.5	5.0
4'	1.0	8.9	1.0	8.9
4'	1.5	13.9	1.5	13.9
4'	2.0	19.0	2.0	19.0
4'	2.5	22.8	2.5	22.8
4'	3.0	29.0	3.0	29.0
4'	3.5	33.5	3.5	33.5
4'	4.0	40.9	4.0	40.9

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

# BLS1

BLS1-4'-3.5-3.5-830



Mtg Height	Light Level	Beam Diameter
6.0 ft	39.4 fc	14.7 ft
8.0 ft	22.1 fc	19.7 ft
10.0 ft	14.2 fc	24.6 ft
12.0 ft	9.8 fc	29.5 ft
14.0 ft	7.2 fc	34.4 ft
16.0 ft	5.5 fc	39.3 ft

## Gallery Information

Below you will find images of relevant products and configurations for the BLS1.

