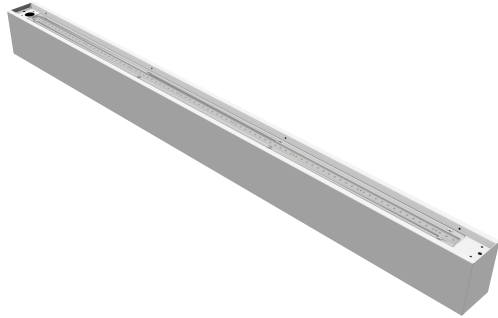


# BLS1

Architectural Linear UpDown



Project	
Nomenclature	
Type	Date
Approval	
Notes	

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.

## Luminaire Summary

### Features

- Operating temperature ranges available from -20C to 40C
- Standard 0 - 10V dimming
- Available in 2700K, 3000K, 3500K, 4000K, 5000K and 6500K

### Construction

- Manufactured in Ontario, Canada
- Powder-coated in high reflectance gloss white (other colours available)
- Precision bent for added strength and rigidity

### Approvals

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

### Electrical

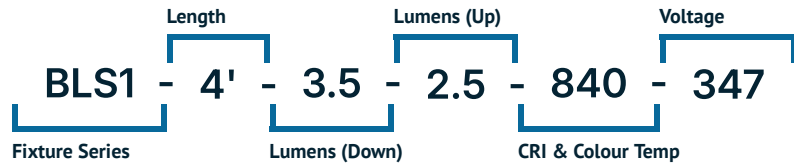
- Available in 120-277V, 120-347V, 347V and 480V

### Options

- 90 and 95+ CRI Options Available
- 120-347V(UN3) Available

### 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	4'							
Series	Size	Lumens (Down)		Lumens (Up)		CRI	Colour Temp	Voltage
BLS1	4'	1L (1000lm)	1.5L (1500lm)	1L (1000lm)	1.5L (1500lm)	8 - 80 CRI	27 - 2700K	UNV - 120-277V
		2L (2000lm)	2.5L (2500lm)	2L (2000lm)	2.5L (2500lm)	9 - 90 CRI	30 - 3000K	UN3 - 120-347V
		3L (3000lm)	3.5L (3500lm)	3L (3000lm)	3.5L (3500lm)	1 - 95+ CRI	35 - 3500K	347 - 347V
		4L (4000lm)	4L (4000lm)	4L (4000lm)	4L (4000lm)		40 - 4000K	347 - 347V
							50 - 5000K	347 - 347V
							65 - 6500K	480 - 480V
				BLANK	(none)			

### 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\*

#### Canopy

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

#### Modular Wiring


W27XYZC | Modular Power Cable

#### 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

### Certifications and Listings

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

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

### Usage Applications

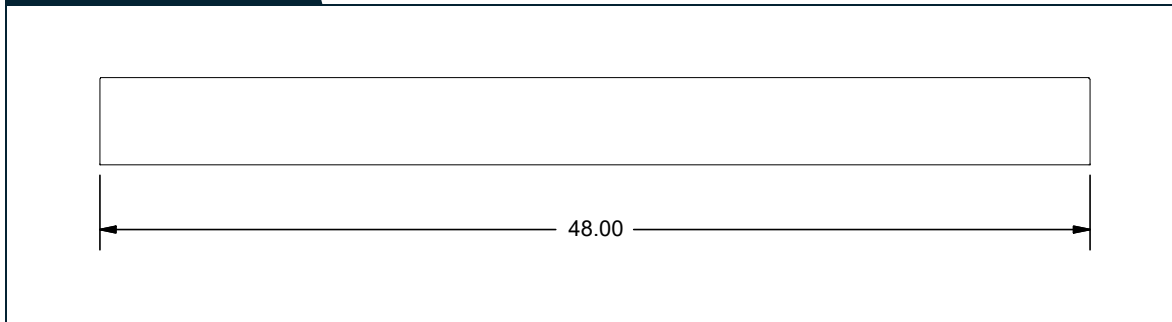
This fixture can be used in a variety of applications, and is ideal for the following:

Usage Application
Displays
Hospitals
Task Lighting
Retail Stores

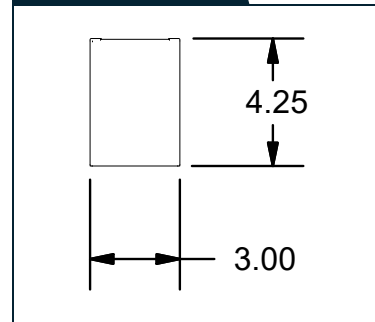
### Warranty Statement

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, 4 Foot, Side Dims



### End View



### BLS1, 4 Foot Wattage

Fixture Size	Down Light Lumen Output	Fixture Wattage	Up Light Lumen Output	Fixture Wattage.1
4'	1.00	8.90	0.50	5.00
4'	1.50	13.90	1.00	8.90
4'	2.00	19.00	1.50	13.90
4'	2.50	22.80	2.00	19.00
4'	3.00	29.00	2.50	22.80
4'	3.50	33.50	3.00	29.00
4'	4.00	40.90	NaN	NaN

### BLS1, 8 Foot Wattage

Fixture Size	Down Light Lumen Output	Fixture Wattage	Up Light Lumen Output	Fixture Wattage.1
8'	2.00	17.80	1.00	10.00
8'	3.00	27.80	2.00	17.80
8'	4.00	38.00	3.00	27.80
8'	5.00	45.60	4.00	38.00
8'	6.00	58.00	5.00	45.60
8'	7.00	67.00	6.00	58.00
8'	8.00	81.80	NaN	NaN

### BLMB, Light Loss Factor (LLF)

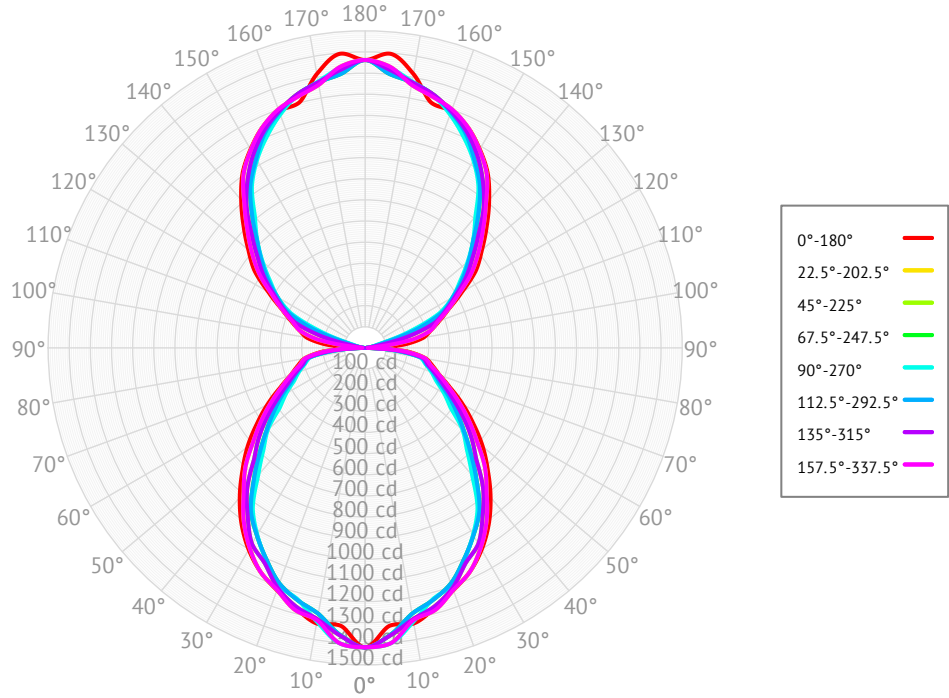
CCT	Output%
2700K	92.95
3000K	95.51
3500K	96.80
4000K	100.00
5000K	101.28
90CRI	84.72

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

BLS1-4'-3.5-3.5-830

**Cone of Light**

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



Based on BLS1-4'-3.5-3.5-830