BLS1
Architectural LED Linear Fixture

BJTAKE INC
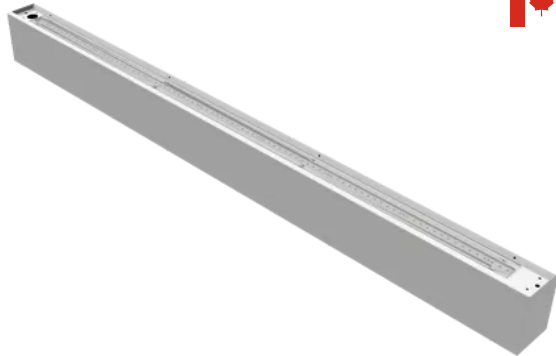
Project

Product Code

Type

Date

Approval

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

Overview

- L70 of ##,000 hours+
- L90 of ##,000 hours+
- 0 - 10V dimming standard

Construction

- Manufactured in Ontario, Canada
- Precision bent cold-rolled steel components
- Steel end caps for added rigidity
- Powder coated for a clean look and durable finish

Electrical

- ETL certified to UL Canada and United States standards
- Available in 120-277V and 347V

Optics

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

Mounting

- Holes provided for suspension mounting by aircraft cable

Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- Lumen packages are available from 1000L to 4,000L
- Row-mounting available

NOTES

NOMENCLATURE

Fixture Type	Fixture Size	Lumen Output (Down)[2]	Lumen Output (Up)[2]	CRI	Color Temp	Driver Voltage	Options
BLS1 -		L -	L -		-		-

		1.0	1.0	8 - 80 CRI	30 - 3000 K	UNV - 120-277V	
		1.5	1.5	9 - 90 CRI	35 - 3500 K	347 - 347V	
		2.0	2.0		40 - 4000 K		
	4'	2.5	2.5		50 - 5000 K		
		3.0	3.0		65 - 6500 K		
		3.5	3.5				
		4.0	4.0				
			Blank - No Up Light				

Lenses

Blank   - Frosted Acrylic Downlight Lens and Clear acrylic Up Light Lens

Cords

W3xx	- 16/3 White Cord [1]
W4xx	- 16/3 Black Cord [1]
W59xx	- 18/5 Black Cord [1]
W**	- Other Options Available

XX	Cord Length
06	6 Ft
10	10 Ft
15	15 Ft
20	20 Ft

Example: W306 - 6 foot white cord

Mounting [3, 4]

CC126/50-16-BK	- 5" Black Canopy for J-Box Mount comes with a 18/3 black cord and 50" aircraft cable.
CC122/50-16-BK	- 5" Black Canopy for J-Box Mount and comes with a 50" aircraft cable.
CC126/50-16	- 5" White Canopy for J-Box Mount comes with a 18/3 black cord and 50" aircraft cable.
CC122/50-16	- 5" White Canopy for J-Box Mount and comes with a 50" aircraft cable.

Controls

B11   - 0-10V Dimming Leads

Colours

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

** - Consult BJ Take for more fixture options
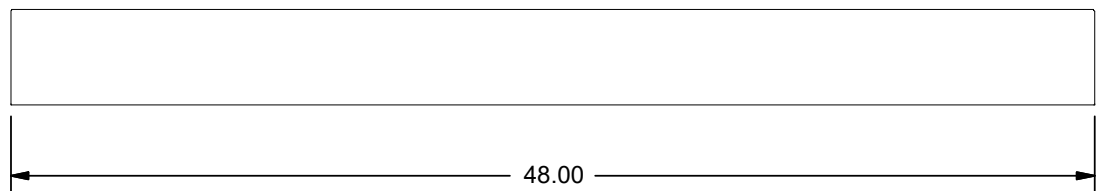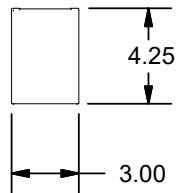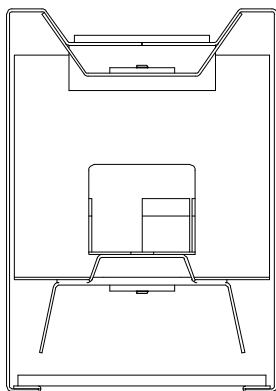xx - Specify Length
1 - Custom cord lengths are available
2 - Consult BJ Take for custom lumen outputs
3 - Mounting Options are ordered separately
4 - Consult BJ Take for more mounting options

DIMENSIONS

4.25

3.00

48.00

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

📄 SPECIFICATIONS

Wattage Chart

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