

The Thorsby Series

BLCT - Linear High Bay

Project

Date

Part

Type



About The Thorsby Series

The BLCT is an LED linear high bay luminaire designed for suspended mounting, and is well suited for indoor use where high efficiency lighting is required.

Specifications

Supported Voltage	120-277V, 347V, 120-347V
Available Sizes	4', 8'
Lifetime	L70 of 99,000+ hours, L90 of 30,000+ hours
Lumens	1' 1.125L (1125lm) to 8' 23L (23000lm)
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 brackets available.

Approvals

- Made with UL Listed components
- Designed and Manufactured in Canada

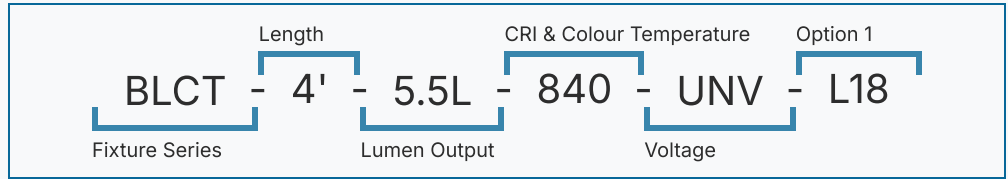
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Linear High Bay Lighting
by



Please use the diagram to the right as an example of a completed order code. If you need any assistance contact your local sales representative.



1	2	3	4	5
BLCT				

Series	Length & Lumen Output		CRI		CCT		Voltage			
BLCT	1' - 1.125L	1126 lm	4' - 9.5L	9500 lm	8	80	27	2700K	UNV	120-
	1' - 1.375L	1377 lm	4' - 10.5L	10500 lm	9	90+	30	3000K		277V
	1' - 1.75L	1755 lm	4' - 11.5L	11500 lm	1	95+	35	3500K	347	347V
	2' - 2.5L	2353 lm	8' - 5L	5000 lm			40	4000K	UN3	120-
	2' - 3.5L	3294 lm	8' - 7L	7000 lm			50	5000K		347V
	2' - 4.5L	4271 lm	8' - 9L	9000 lm			65	6500K		
	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						

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Options

Lenses

BLANK | Frosted Acrylic 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

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

Wireless Controls

- WCAWN | Lutron Athena (Node)
- WCAWNS | Lutron Athena (Sensor)
- WC10 | Encelium
- WC18 | NX Wireless
- WC19 | Avi-on
- WC22 | JDRF Autonomy
- WC31 | Keilton
- WCxx | Other Options Available*

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

Warranty

- CL7 | 10-Year Comprehensive Warranty Upgrade

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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.

 [BLCT Installation Instructions](#)

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
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.

Wattage Information

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

BLCT 4' Wattage

Size	Lumen Output	Actual Lumen Output	Fixture Wattage
4'	2.5	2500lm	17.9
4'	3.5	3500lm	5.6
4'	4.5	4500lm	33.3
4'	5.5	5500lm	40.9
4'	6.5	6500lm	48.6
4'	7.5	7500lm	56.3
4'	8.5	8500lm	63.9
4'	9.5	9500lm	71.6
4'	10.5	10500lm	79.3
4'	11.5	11500lm	86.9

BLCT 8' Wattage

Size	Lumen Output	Actual Lumen Output	Fixture Wattage
8'	5	5000lm	35.7
8'	7	7000lm	51.0
8'	9	9000lm	66.3
8'	11	11000lm	81.5
8'	13	13000lm	96.8
8'	15	15000lm	112.1
8'	17	17000lm	127.4
8'	19	19000lm	142.6
8'	21	21000lm	157.9
8'	23	23000lm	173.3

BLCT Light Loss Factor (LLF)

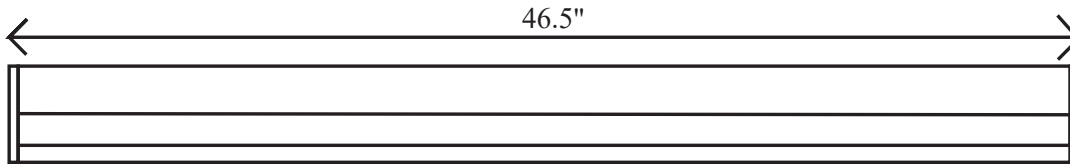
CCT	Output%
2700K	92.95
3000K	95.51
3500K	96.80
4000K	100.00
5000K	101.28
90CRI	84.72

* Actual lumen output may vary

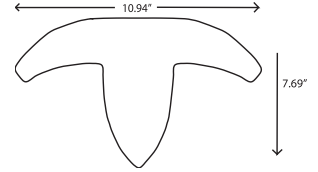
Dimension Information

Below you will find the dimensions for both sizes of the BLCT.

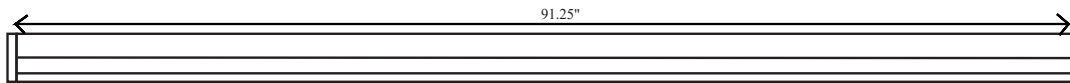
BLCT 4' Side



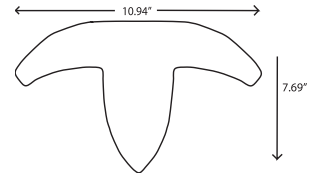
End Dimensions



BLCT 8' Side



End Dimensions



* Drawings not to scale
* Standard tolerances apply
* Specifications may change without notice

Gallery Information

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

