

The Inverness Series

BLSDI - Decorative Retail Low Bay

Project

Date

Part

Type



About The Inverness Series

The BLSDI is a decorative low bay designed as a premium look for suspended or surface-mount retail applications.

Specifications

Supported Voltage	120-277V, 120-347V, 347V, 480V
Available Sizes	3 Bars, 4 Bars
Lumen Output	3L (3000lm) to 10L (10000lm)
Lifetime	L70 of 90,000+ hours
CCT	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
CRI	80+ standard, 90+ and 95+ available
Dimming	0-10V Standard
Mounting	Holes provided for aircraft cables; Optional pendant mount and surface mount brackets

Approvals

- DLC Listed* (select models only)
- DLC Premium* (select models only)
- ETL Listed
- Designed and Manufactured in Canada

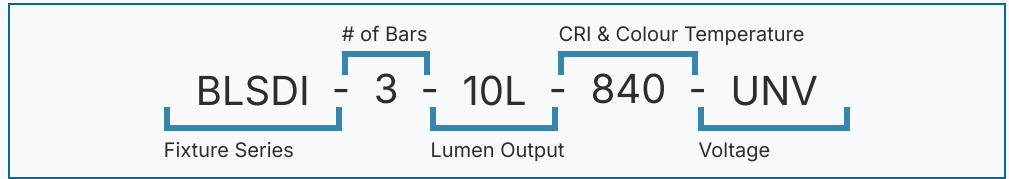
Warranty

- 5 Year Comprehensive, 10 Year LED

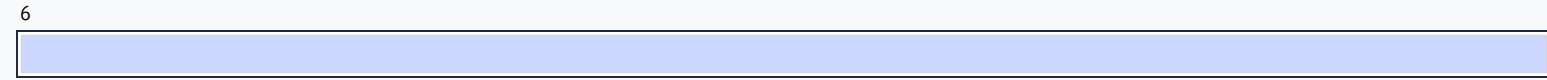
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Please use the diagram to the right as an example of a completed order code. If you need any assistance contact your local sales representative.



1	2	3	4	5				
Series	Bars & Lumen Output	CRI	CCT	Voltage				
BLSDI	3 Bar 3L	3000lm	8	80	27	2700K	UNV	120-277V
	3 Bar 4L	4000lm	9	90+	30	3000K	347	347V
	3 Bar 5L	5000lm	1	95+	35	3500K	UN3	120-347V
	3 Bar 6L	6000lm			40	4000K	480	480V
	3 Bar 7L	7000lm			50	5000K		
	3 Bar 8L	8000lm			65	6500K		
	3 Bar 9L	9000lm						
	3 Bar 10L	10000lm						
	4 Bar 4L	4000lm						
	4 Bar 5L	5000lm						
	4 Bar 6L	6000lm						
	4 Bar 7L	7000lm						
	4 Bar 8L	8000lm						
	4 Bar 9L	9000lm						
	4 Bar 10L	10000lm						



Options

Lenses

L0	No Lens
L18	Frosted Acrylic
L19	Heavy Frosted Acrylic

Cords

W3xx	White 16/3 (Specify Length)
W4xx	Black 16/3 (Specify Length)
W59xx	White 18/5 (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

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*

Dimming

B11	0-10V Dimming Leads
B12	Line Voltage Dimming
B27	Dim-to-off Driver

Emergency Driver

B17	UL924 10W Battery Back-up
F8	UL924 Emergency Relay

Packaging

BLANK	Individually Boxed on Pallets
P0	Bulk Packaging

Mounting

M6xx	Aircraft Loop Kits
M62xx	Aircraft Loop Kits w/ Side Exit Cable Grippers
M24	Single Pendant Mount(3/4 Hub)
M25	Surface Mount
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

Warranty

CL7	10-Year Comprehensive Warranty Upgrade
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High Bay 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 contact sales@bjtake.com for more information.

 [BLSDI Installation Instructions](#)

 [BLSDI - 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
	DLC Listed* (select models only)
	DLC Premium* (select models only)

Usage Applications

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

Usage Application
Manufacturing Facilities
Storage & Warehousing
Retail Stores
Gymnasiums
Grocery Stores

Warranty Statement

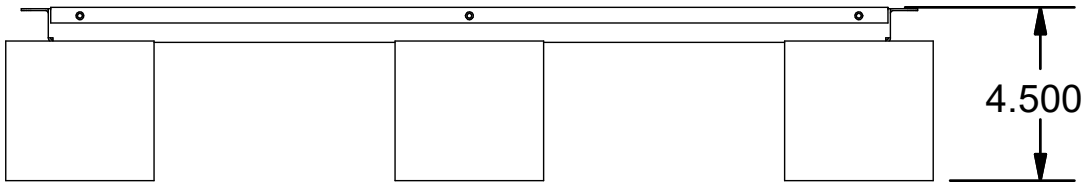
BJ Take products are tested and/or inspected prior to being packaged for shipment and are guaranteed from the day the product is shipped for a period of ten-year LED chip warranty and a five-year comprehensive component warranty. This can be upgraded to a ten-year comprehensive warranty on request.

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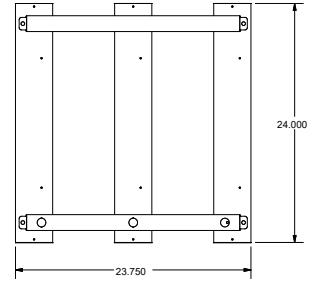
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High Bay Lighting by **BJTAKE** LIGHTING

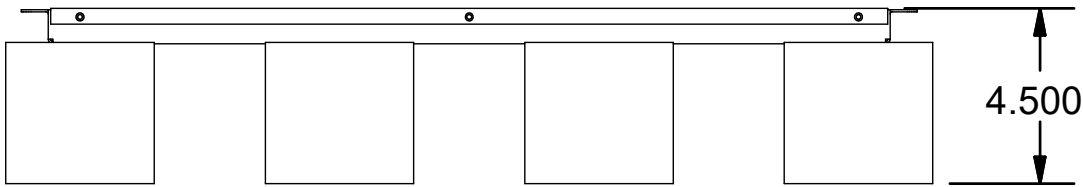
BLSDI 3 Bar Side



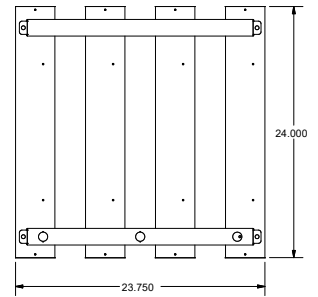
BLSDI 3 Bar End



BLSDI 4 Bar Side



BLSDI 4 Bar End



BLSDI 3 Bar Wattage

Number of Bars	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
3	4	4236	31.4	135.1

BLSDI Light Loss Factor (LLF)

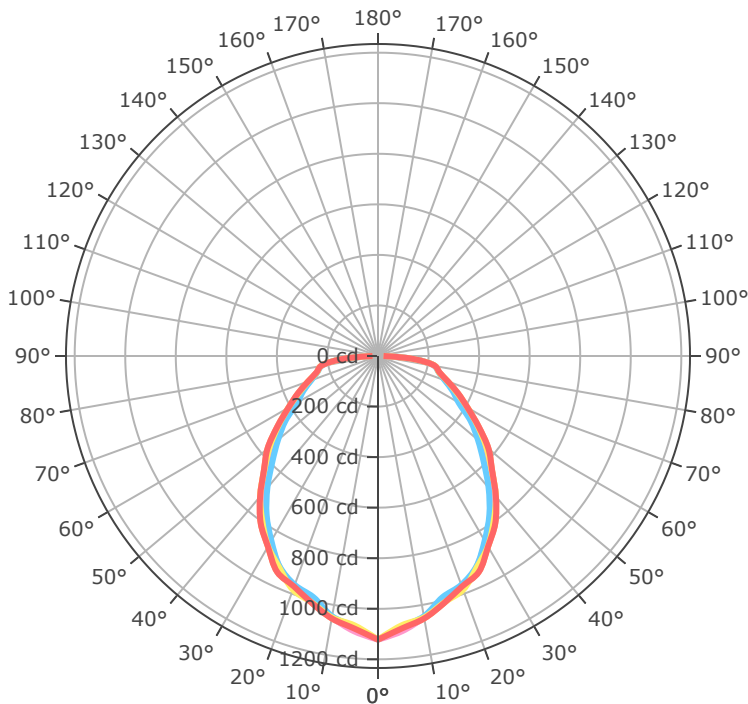
CCT	Output%
2700K	92.95
3000K	95.51
3500K	96.80
4000K	100.00
5000K	101.28
90CRI	84.72

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

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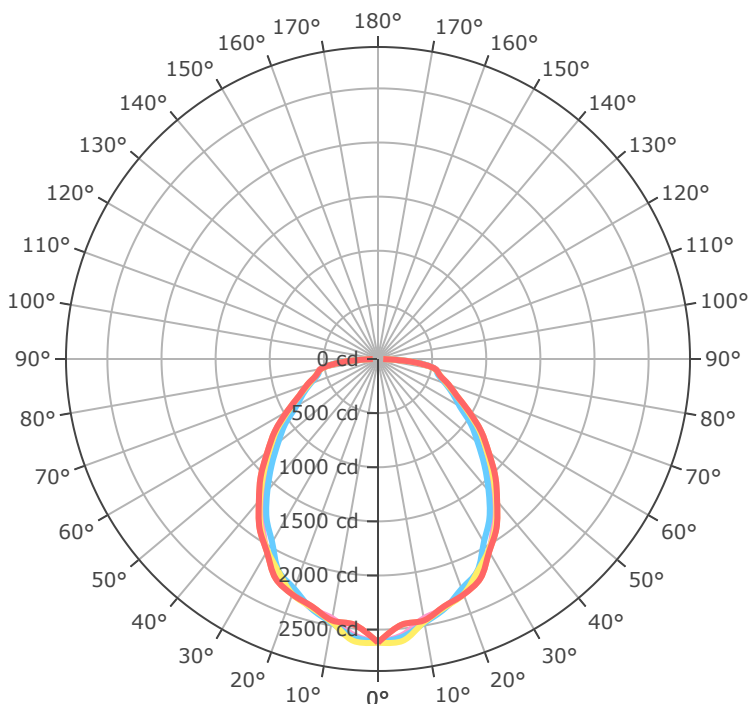
BLSDI-3-3L-840-L18



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

Mtg Height	Light Level	Beam Diameter
6.0 ft	31.2 fc	14.6 ft
8.0 ft	17.5 fc	19.4 ft
10.0 ft	11.2 fc	24.3 ft
12.0 ft	7.8 fc	29.2 ft
14.0 ft	5.7 fc	34.0 ft
16.0 ft	4.4 fc	38.9 ft
24.0 ft	1.9 fc	58.3 ft
32.0 ft	1.1 fc	77.8 ft
40.0 ft	0.7 fc	97.2 ft
48.0 ft	0.5 fc	116.7 ft
56.0 ft	0.4 fc	136.1 ft
64.0 ft	0.3 fc	155.6 ft

BLSDI-3-7L-840-L18



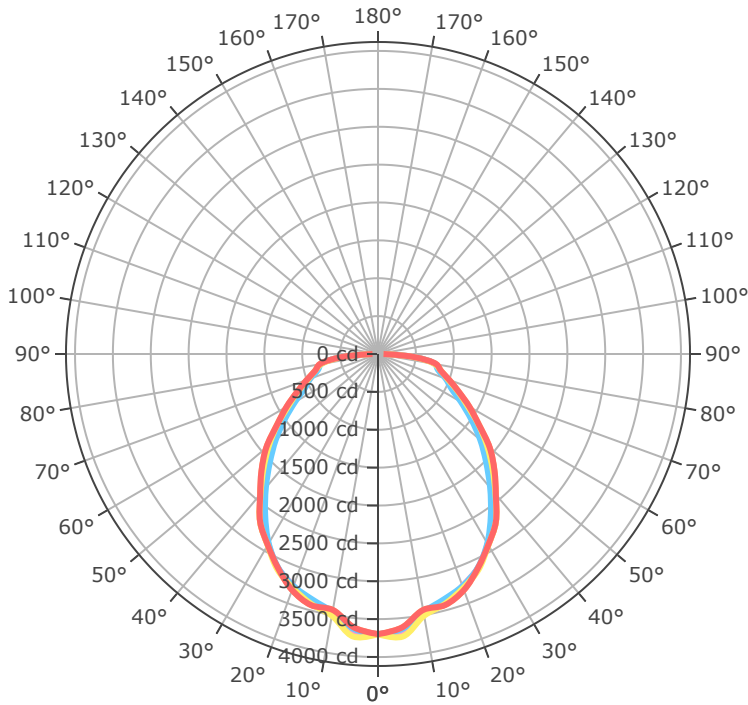
- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	72.8 fc	14.6 ft
8.0 ft	40.9 fc	19.5 ft
10.0 ft	26.2 fc	24.4 ft
12.0 ft	18.2 fc	29.3 ft
14.0 ft	13.4 fc	34.1 ft
16.0 ft	10.2 fc	39.0 ft
24.0 ft	4.5 fc	58.5 ft
32.0 ft	2.6 fc	78.1 ft
40.0 ft	1.6 fc	97.6 ft
48.0 ft	1.1 fc	117.1 ft
56.0 ft	0.8 fc	136.6 ft
64.0 ft	0.6 fc	156.1 ft

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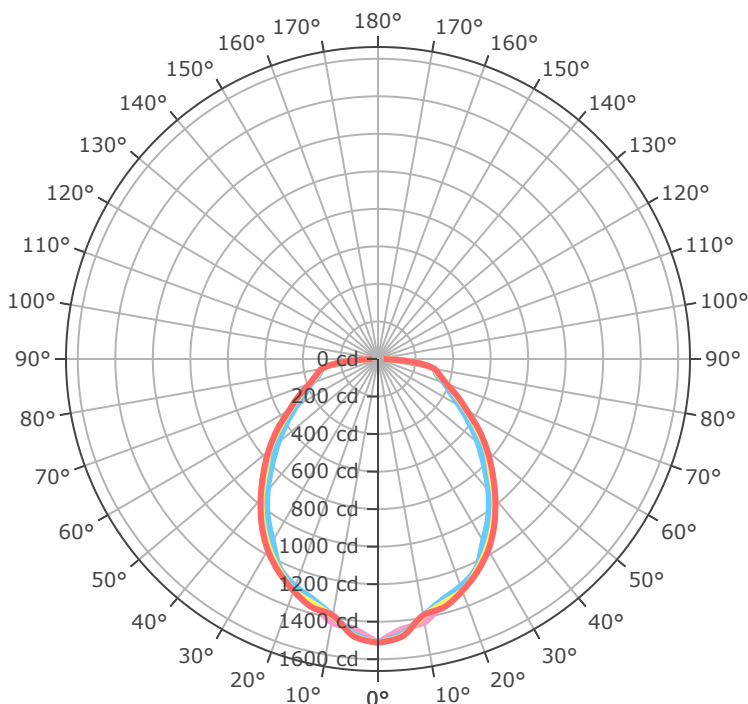
BLSDI-4-10L-840-L18



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

Mtg Height	Light Level	Beam Diameter
6.0 ft	102.7 fc	15.0 ft
8.0 ft	57.8 fc	20.0 ft
10.0 ft	37.0 fc	24.9 ft
12.0 ft	25.7 fc	29.9 ft
14.0 ft	18.9 fc	34.9 ft
16.0 ft	14.4 fc	39.9 ft
24.0 ft	6.4 fc	59.9 ft
32.0 ft	3.6 fc	79.8 ft
40.0 ft	2.3 fc	99.8 ft
48.0 ft	1.6 fc	119.7 ft
56.0 ft	1.2 fc	139.7 ft
64.0 ft	0.9 fc	159.6 ft

BLSDI-4-4L-840-L18



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

Mtg Height	Light Level	Beam Diameter
6.0 ft	42.0 fc	14.4 ft
8.0 ft	23.6 fc	19.2 ft
10.0 ft	15.1 fc	24.0 ft
12.0 ft	10.5 fc	28.8 ft
14.0 ft	7.7 fc	33.6 ft
16.0 ft	5.9 fc	38.4 ft
24.0 ft	2.6 fc	57.6 ft
32.0 ft	1.5 fc	76.8 ft
40.0 ft	0.9 fc	96.0 ft
48.0 ft	0.7 fc	115.3 ft
56.0 ft	0.5 fc	134.5 ft
64.0 ft	0.4 fc	153.7 ft

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High Bay Lighting by **BJTAKE**
LIGHTING

Gallery Information

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

