

The Borden Series

BLMB - Suspended Decorative Retail

Project

Date

Part

Type



About The Borden Series

The BLMB is an architectural LED fixture that is ideal for indoor use, where energy efficiency, performance and ease of maintenance essential. Its modern design and multi-faceted reflector makes it ideally suited for general area illumination

Specifications

Supported Voltage	120-277V, 120-347V, 347V, 480V
Available Sizes	4', 8'
Lumen Output	4' 2L (2000lm) to 8' 22L (22000lm)
Lifetime	L70 of 110,000+ hours, L90 of 34,000+ hours
Operating Temperature	-20°C/+25°C
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 and surface mount brackets

Approvals

- ETL Listed
- DLC Listed* (select models only)
- DLC Premium* (select models only)

Warranty

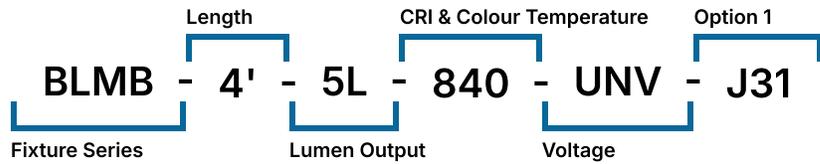
- 5 Year Comprehensive, 10 Year LED

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Ordering Information

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



Series	Length & Lumen Output		CRI		CCT		Voltage			
BLMB	4'-2L	2000 lm	4'-11L	11000 lm	8	80	27	2700K	UNV	120-
	4'-3L	3000 lm	4'-12L	12000 lm	9	90+	30	3000K		277V
	4'-4L	4000 lm	8'-10L	10000 lm	1	95+	35	3500K	347	347V
	4'-5L	5000 lm	8'-12L	12000 lm			40	4000K	UN3	120-
	4'-6L	6000 lm	8'-14L	14000 lm			50	5000K		347V
	4'-7L	7000 lm	8'-16L	16000 lm			65	6500K	480	480V
	4'-8L	8000 lm	8'-18L	18000 lm						
	4'-9L	9000 lm	8'-22L	22000 lm						
	4'-10L	10000 lm								

Options

Lenses

L0	No Lens
L18	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

Dimming

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

Controls

WC10*	Encelium Wireless Controls
WC18*	NX Wireless Controls
WC19*	Avi-on Wireless Controls
WC22*	JDRF Wireless Controls

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*

Baffles

J31	White Louver
J47	Black Louver

Baffle and Lens

LJ1	White Bafe and Frosted Acrylic Lens
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Emergency Driver

B17	UL924 10W Battery Back-up
B24	UL924 20W Battery Back-up
F8	UL924 Emergency Relay

Wattage	Activated Output
10W	1789 lm
20W	3582 lm

*activated output cannot exceed selected lumen package output

Packaging

BLANK	Individually Boxed on Pallets
P0	Bulk Packaging

Mounting

M1	V-Hangers
M2xx	V-Hanger with Aircraft Loop Cables
M3xx	Y-Toggle Aircraft Cables
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.

 [BLMB - Installation Instructions](#)

 [BLMB - Interconnect Instructions](#)

 [BLMB - 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
	DLC Listed* (select models only)
	DLC Premium* (select models only)
	120-347V(UN3) Available
	ETL Listed

Usage Applications

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

Usage Application
Distribution Facilities
Grocery Stores
Logistics & Warehouses
Manufacturing Facilities
Professional Sports Facilities
Retail Stores
Schools
Storage Facilities
Suspended
Surface Mount

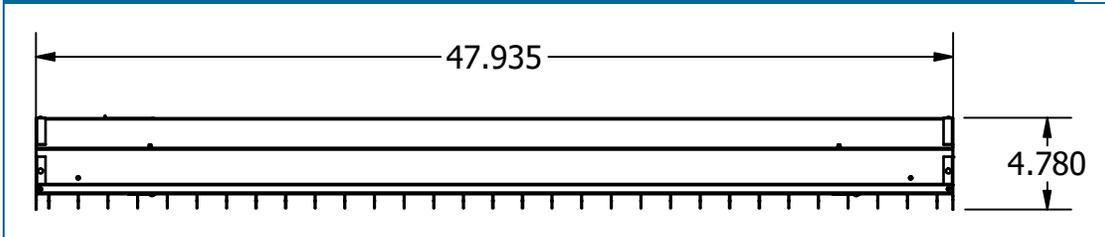
Warranty Statement

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.

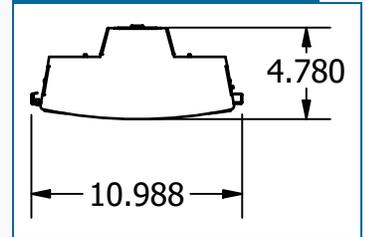
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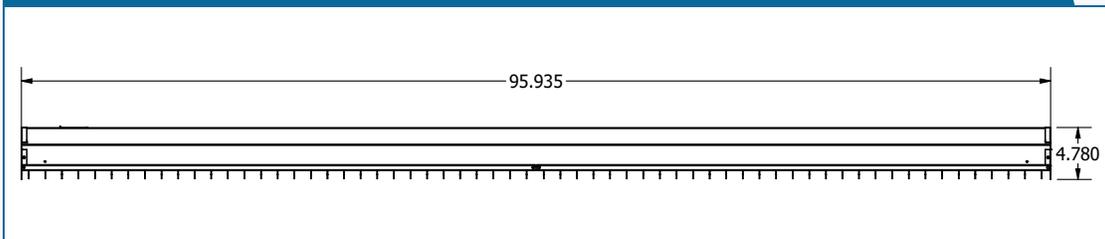
BLMB 4' Side Dimensions



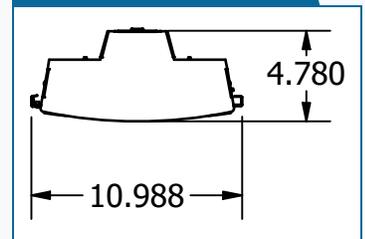
End Dimensions



BLMB 8' Side Dimensions



End Dimensions



BLMB 4' Wattage

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
4'	2L	1982	12.8	154.8
4'	3L	2996	19.9	150.6
4'	4L	3983	27.3	145.9
4'	5L	4986	32.7	152.5
4'	6L	5993	39.9	150.2
4'	7L	6986	47.2	148.0
4'	8L	7967	54.5	146.2
4'	9L	8933	62.0	144.1
4'	10L	9972	70.2	142.1
4'	11L	10911	77.8	140.2

BLMB 8' Wattage

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
8'	10L	9972	65.4	152.5
8'	12L	11986	79.8	150.2
8'	14L	13972	94.4	148.0
8'	16L	15934	109.0	146.2
8'	18L	17866	124.0	144.1
8'	20L	19944	140.4	142.1
8'	22L	21822	155.6	140.2

* Drawings not to scale

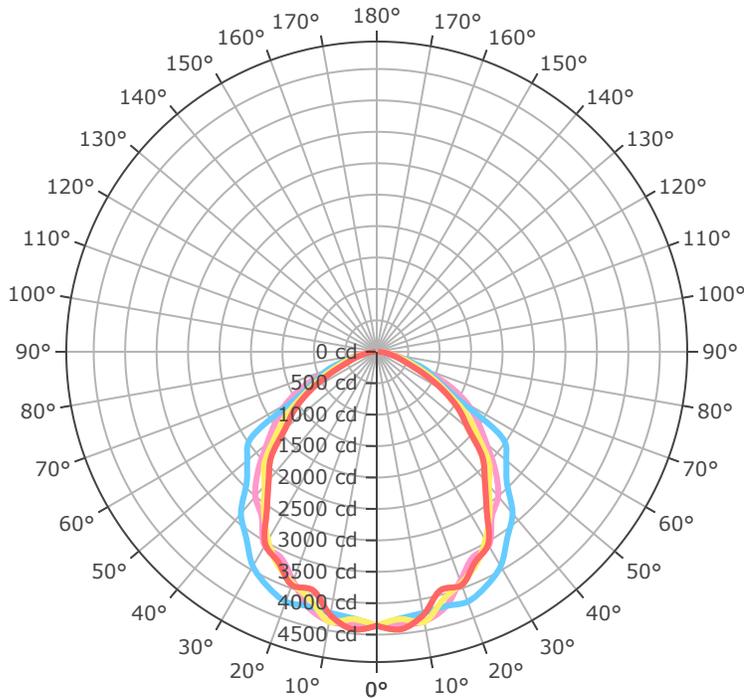
* Standard tolerances apply

* Specifications may change without notice

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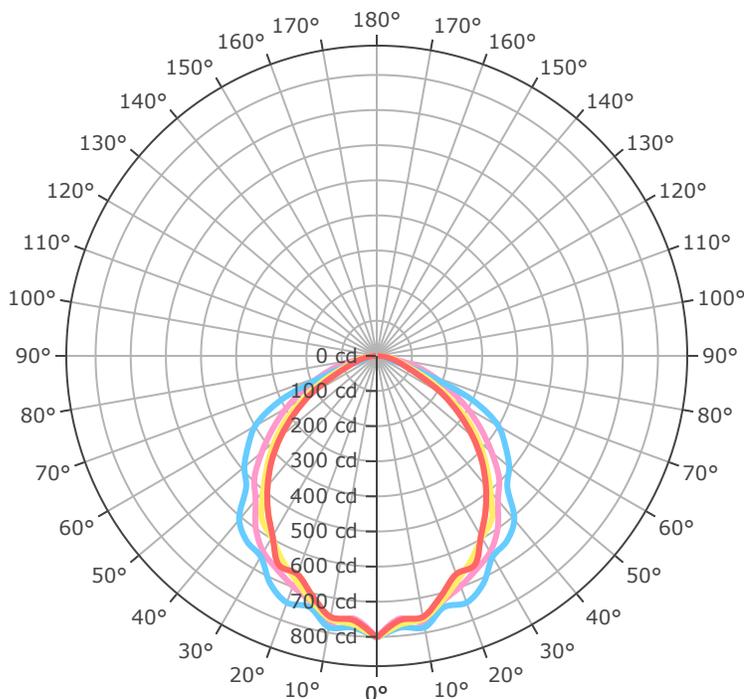
BLMB-4FT-11L-840-J31



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

Mtg Height	Light Level	Beam Diameter
6.0 ft	121.1 fc	12.9 ft
8.0 ft	68.1 fc	17.2 ft
10.0 ft	43.6 fc	21.5 ft
12.0 ft	30.3 fc	25.8 ft
14.0 ft	22.2 fc	30.1 ft
16.0 ft	17.0 fc	34.4 ft
24.0 ft	7.6 fc	51.6 ft
32.0 ft	4.3 fc	68.8 ft
40.0 ft	2.7 fc	86.1 ft
48.0 ft	1.9 fc	103.3 ft
56.0 ft	1.4 fc	120.5 ft
64.0 ft	1.1 fc	137.7 ft

BLMB-4FT-2L-840-J31



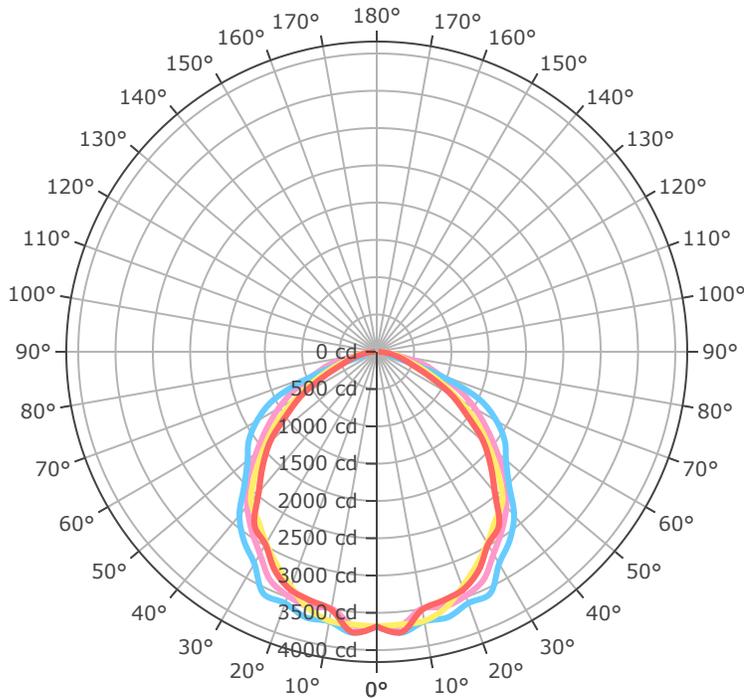
- 0.0°
- 45.0°
- 90.0°
- 135.0°
- 180.0°

Mtg Height	Light Level	Beam Diameter
6.0 ft	22.3 fc	12.7 ft
8.0 ft	12.5 fc	16.9 ft
10.0 ft	8.0 fc	21.2 ft
12.0 ft	5.6 fc	25.4 ft
14.0 ft	4.1 fc	29.6 ft
16.0 ft	3.1 fc	33.9 ft
24.0 ft	1.4 fc	50.8 ft
32.0 ft	0.8 fc	67.7 ft
40.0 ft	0.5 fc	84.7 ft
48.0 ft	0.3 fc	101.6 ft
56.0 ft	0.3 fc	118.5 ft
64.0 ft	0.2 fc	135.4 ft

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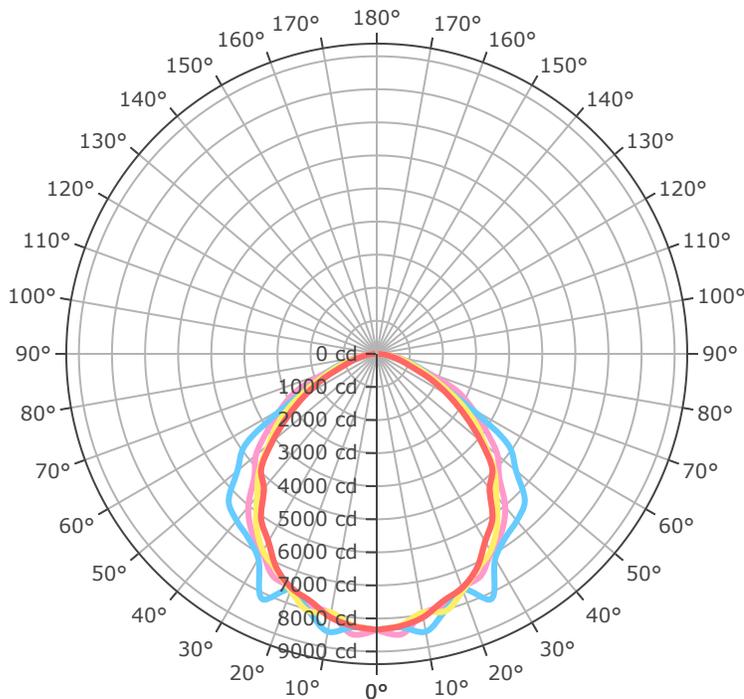
BLMB-8FT-10L-840-J31



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

Mtg Height	Light Level	Beam Diameter
6.0 ft	102.3 fc	14.4 ft
8.0 ft	57.5 fc	19.2 ft
10.0 ft	36.8 fc	24.1 ft
12.0 ft	25.6 fc	28.9 ft
14.0 ft	18.8 fc	33.7 ft
16.0 ft	14.4 fc	38.5 ft
24.0 ft	6.4 fc	57.7 ft
32.0 ft	3.6 fc	77.0 ft
40.0 ft	2.3 fc	96.2 ft
48.0 ft	1.6 fc	115.5 ft
56.0 ft	1.2 fc	134.7 ft
64.0 ft	0.9 fc	153.9 ft

BLMB-8FT-22L-840-J31



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

Mtg Height	Light Level	Beam Diameter
6.0 ft	231.7 fc	14.1 ft
8.0 ft	130.4 fc	18.8 ft
10.0 ft	83.4 fc	23.5 ft
12.0 ft	57.9 fc	28.3 ft
14.0 ft	42.6 fc	33.0 ft
16.0 ft	32.6 fc	37.7 ft
24.0 ft	14.5 fc	56.5 ft
32.0 ft	8.1 fc	75.3 ft
40.0 ft	5.2 fc	94.2 ft
48.0 ft	3.6 fc	113.0 ft
56.0 ft	2.7 fc	131.9 ft
64.0 ft	2.0 fc	150.7 ft

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Emergency Driver, Activated Output

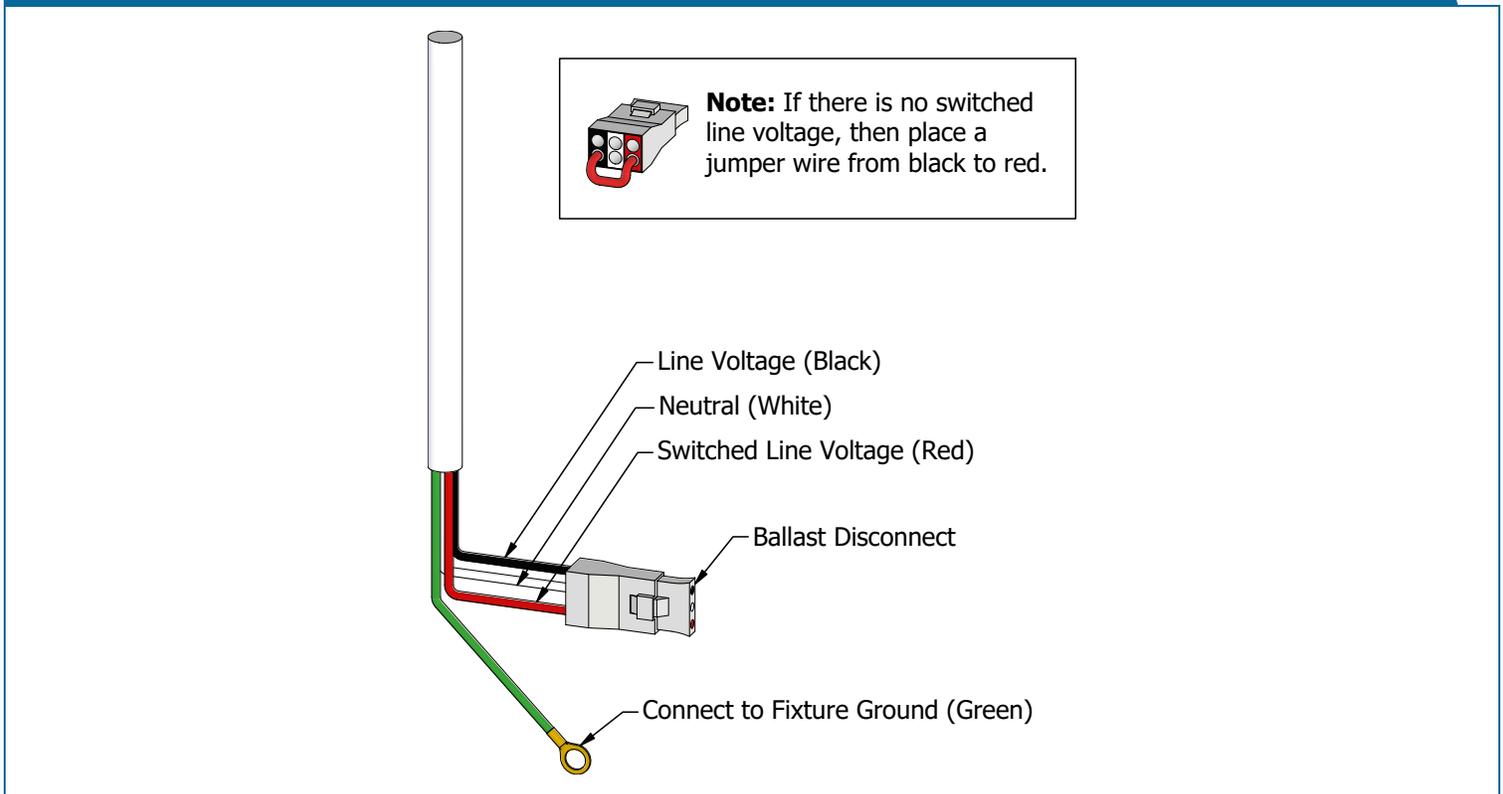
Wattage	Activated Output
10W	1789 lm
20W	3582 lm

Emergency Battery Plan - 20W

Emergency Lighting	Solution System Components	System Operation
Option Code 'B17' - UL 924 listed components that are factory installed in the luminaire	UL 924 listed 20-watt battery integral to the luminaire	Loss of normal power is detected by the B17 emergency light solution and the power supply is switched automatically to the 20-watt integral battery pack which powers the emergency LED lighting driver.
	UL 924 listed LED emergency lighting driver integral to the luminaire	The battery pack and emergency LED driver are UL 924 certified to provide a minimum of 90-minutes of emergency lighting.
	Wiring options for both switched and unswitched emergency lighting	

*activated output cannot exceed selected lumen package output

Emergency Lighting Wiring



Important Information

More information on emergency lighting options and configurations available on request.

Gallery Information

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



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

