

The Uxbridge Series

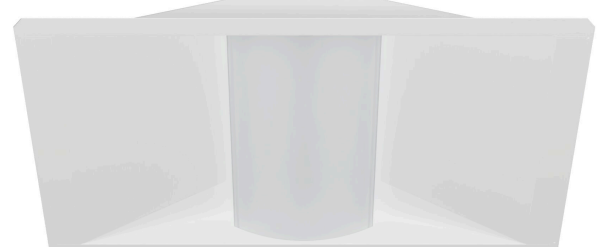
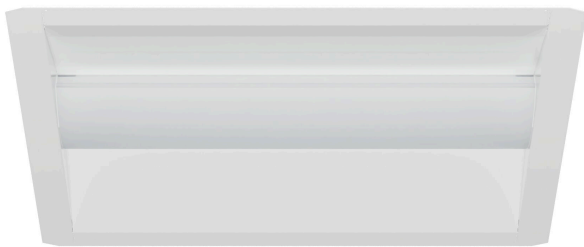
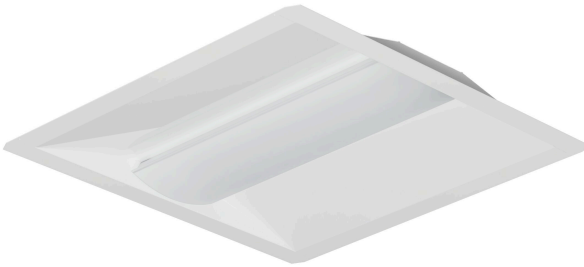
BRLU - Retrofit Basket

Project

Date

Part

Type



About The Uxbridge Series

The BRLU is a LED basket retrofit kit offering energy savings over a traditional T8 fixture. It has been designed to convert existing recessed troffers into a basket style troffer. Its flexibility and simple installation make it easy to take advantage of improved energy-efficiency and performance.

Specifications

Supported Voltage	120-277V, 347V, 120-347V
Available Sizes	2x2'
Lifetime	L70 of 100,000+ hours
Operating Temperature	-20°C/+25°C
Lumens	Lumen output ranging from 2L (2000lm) to 4L (4000lm)
CCT	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
CRI	80+ standard, 90+ and 95+ available
Dimming	0-10V Standard

Approvals

- Dry and Damp Environment Rated
- Designed and Manufactured in Canada

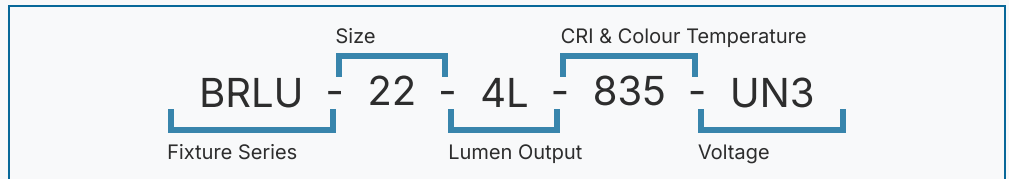
Warranty

- 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	6
Series	Size	Lumen Output	CRI	CCT	Voltage
BRLU	22 2x2'	2L 2,000lm	8 80	27 2700K	UNV 120-277V
		3L 3,000lm	9 90+	30 3000K	347 347V
		4L 4,000lm	1 95+	35 3500K	UN3 120-347V
				40 4000K	
				50 5000K	
				65 6500K	

7

Options

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*

Motion Sensors

- WX15 Internal Dimming Low Voltage Microwave Sensor
- WC20 Leviton Low-Voltage Sensor
- W** Other Options Available*

Emergency Driver

- B17 UL924 10W Battery Backup
- B36 UL924 14W 2 Hour Battery Backup
- F8 UL924 Emergency Relay

Finish

- BLANK Standard Matte White
- C5 Matte Black
- CUSTOM* Custom Colour Choice

Packaging

- BLANK Individually Boxed on Pallets
- P0 Bulk Packaging


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 for more information.

 [BRLU - Photometry](#)

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
Hospitals
Offices
Schools
Retrofit Kit

Warranty Statement

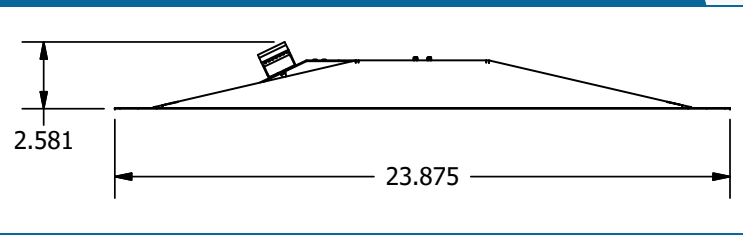
BJ Take products are tested and/or inspected prior to being packaged for shipment and are guaranteed from the day the product is shipped for a period of ten-year LED chip warranty and a five-year comprehensive component warranty. This can be upgraded to a ten-year comprehensive warranty on request.

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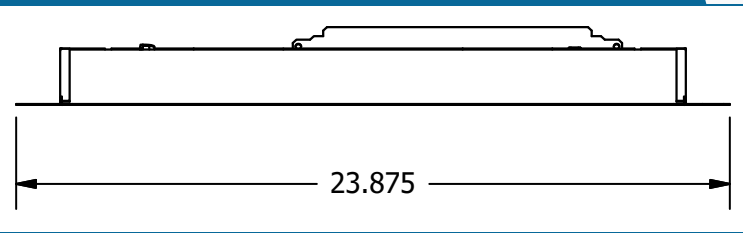
BRLU - Retrofit Basket

Retrofit Lighting by **BJTAKE**
LIGHTING

BRLU 2x2' Side 1



BRLU 2x2' Side 2



BRLU 2x2' Wattage

Size	Lumen Output	Actual Lumen Output	Wattage
2x2	2.0	14.8	NaN
2x2	2.5	18.4	NaN
2x2	3.0	22.1	NaN
2x2	3.5	25.8	NaN
2x2	4.0	29.5	NaN
2x2	4.5	33.2	NaN
2x2	5.0	36.8	NaN

* Drawings not to scale

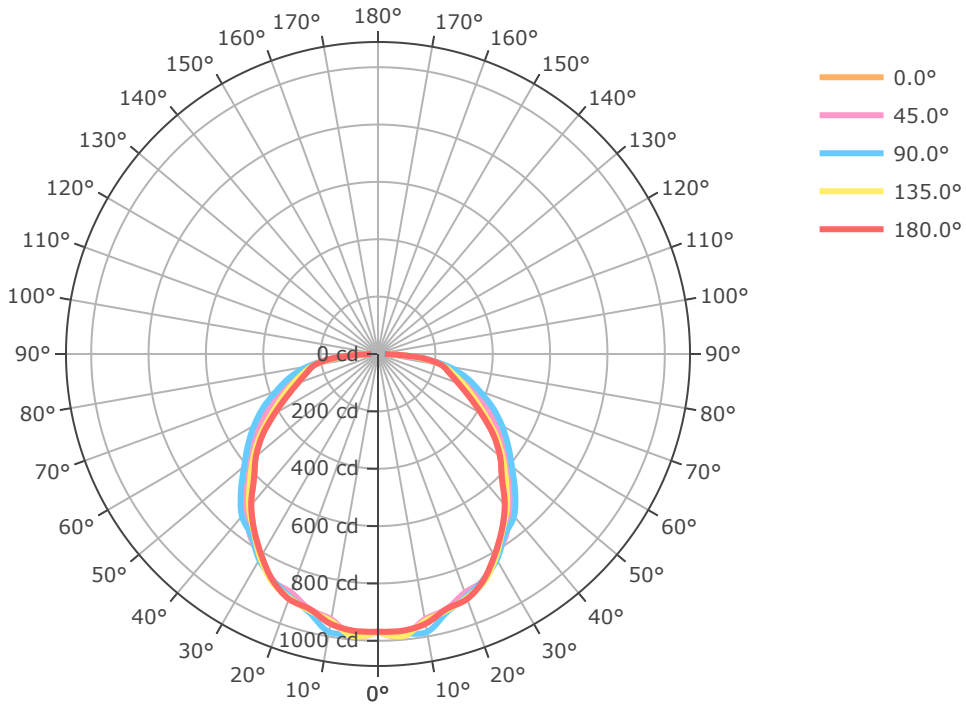
* Standard tolerances apply

* Specifications may change without notice

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BRLU-22-3L-840-L18

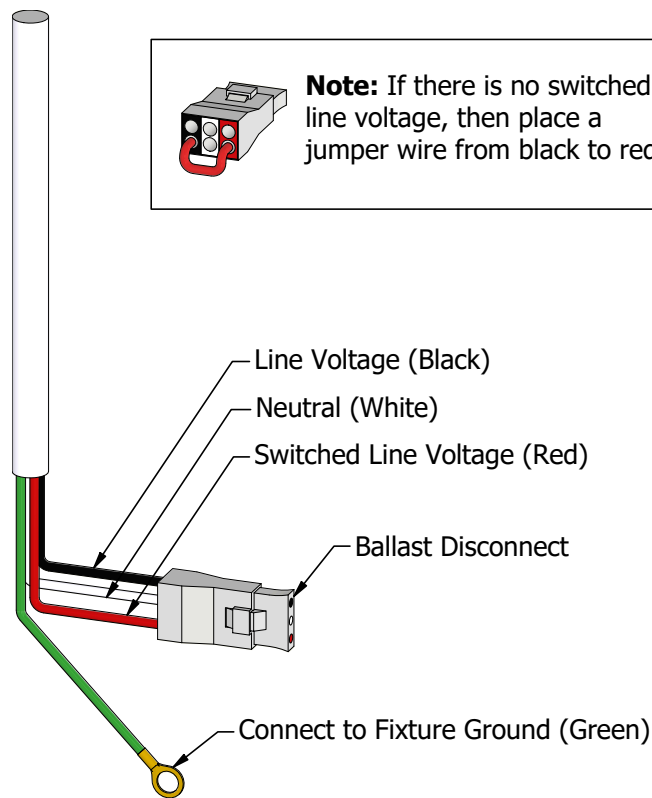


Mtg Height	Light Level	Beam Diameter
6.0 ft	26.9 fc	17.4 ft
8.0 ft	15.1 fc	23.3 ft
10.0 ft	9.7 fc	29.1 ft
12.0 ft	6.7 fc	34.9 ft
14.0 ft	4.9 fc	40.7 ft
16.0 ft	3.8 fc	46.5 ft
24.0 ft	1.7 fc	69.8 ft
32.0 ft	0.9 fc	93.0 ft
40.0 ft	0.6 fc	116.3 ft
48.0 ft	0.4 fc	139.6 ft
56.0 ft	0.3 fc	162.8 ft
64.0 ft	0.2 fc	186.1 ft

Emergency Battery Plan - 10W

Emergency Lighting	Solution System Components	System Operation
Option Code 'B17' - UL 924 listed components that are factory installed in the luminaire	UL 924 listed 10-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 10-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	

Emergency Lighting Wiring



Important Information

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

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Gallery Information

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

