

| | |
|----------------------|----------------------|
| Project | Date |
| <input type="text"/> | <input type="text"/> |
| Part | Type |
| <input type="text"/> | <input type="text"/> |



About the BLLBT

The BLLBT is a DLC Listed, ETL certified LED true-length fixture designed for retail spaces. It provides energy-efficient lighting, outstanding performance, and easy maintenance.

Specifications

| | |
|-------------------|--|
| Supported Voltage | 120-277V, 347V, 120-347V |
| Available Sizes | 2' (24"), 4' (48"), 8' (96") - true length |
| Lifetime | L70 of 110,000+ hours, L90 of 34,000+ hours |
| Lumens | 2' 1.75L(1750lm) - 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. Pendant mount and surface mount brackets available. |

Approvals

- DLC Listed
- ETL Listed
- Dry and Damp Environment Rated

Warranty

- 5 Year Comprehensive, 10 Year LED

Ordering Information

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

Length
CRI & Colour Temperature
Option 1

BLLBT - **4'** - **10.5L** - **840** - **UNV** - **L67**

Fixture Series
Lumen Output
Voltage

| 1 | 2 | 3 | 4 | 5 | 6 |
|--------|--------|--------------|---------|-------|--------------|
| BLLBT | | | | | |
| Series | Length | Lumen Output | | CRI | Voltage |
| BLLBT | 2' | 2'-1.75L | 1750lm | 8 80 | UNV 120-277V |
| | 4' | 2'-2.25L | 2250lm | 9 90+ | 347 347V |
| | 8' | 2'-2.75L | 2750lm | 1 95+ | UN3 120-347V |
| | | 4'-4.5L | 4500lm | | 40 4000K |
| | | 4'-5.5L | 5500lm | | 50 5000K |
| | | 4'-6.5L | 6500lm | | 65 6500K |
| | | 4'-7.5L | 7500lm | | |
| | | 4'-8.5L | 8500lm | | |
| | | 4'-9.5L | 9500lm | | |
| | | 4'-10.5L | 10500lm | | |

Options

Lenses

| | |
|-----|------------------------------------|
| L0 | No Lens |
| L55 | Clear Acrylic |
| L67 | Frosted Acrylic (Impact Resistant) |

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* |

Wire Guard

| | |
|----|------------------|
| G1 | Heavy Duty White |
| G5 | Heavy Duty Black |

Emergency Driver

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

Packaging

| | |
|-------|-------------------------------|
| BLANK | Individually Boxed on Pallets |
| P0 | Bulk Packaging |
| P** | Other Options Available* |

Mounting

| | |
|-------|------------------------------------|
| BLANK | Surface Mount |
| 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

Modular Wiring

| | |
|---------|---------------------------|
| W27XYZC | Modular Power Cable |
| W22XY | Molex Row Mounting Wiring |

Baffles

| | |
|-----|--------------|
| J31 | White Louver |
| J47 | Black Louver |




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.

 BLLBT Specification Sheet, 2025 BLLBT - Installation Instructions BLLBT - 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 |
|--|----------------------------------|
|  | DLC Listed |
|  | ETL Listed |
|  | Wireless Controls Available |
|  | 90 and 95+ CRI Options Available |
|  | 120-347V(UN3) Available |

Usage Applications

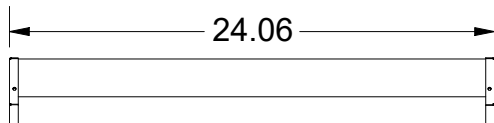
This fixture can be used in a variety of applications, and is ideal for the following:

| Usage Application |
|--------------------------------|
| Distribution Facilities |
| Grocery Stores |
| Gymnasiums & Arenas |
| Logistics & Warehouses |
| Manufacturing Facilities |
| Professional Sports Facilities |
| Retail Stores |
| Schools |
| Storage Facilities |
| Aisle Lighting |
| Suspended |
| Surface Mount |

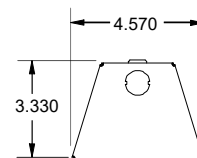
Warranty Statement

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.

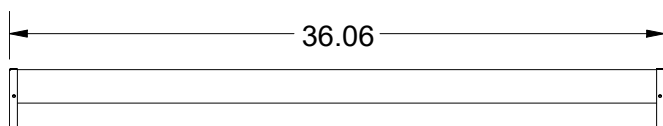
BLLBT 2' Side



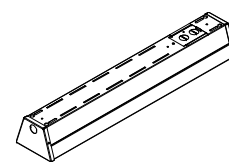
BLLBT 2'-8' End



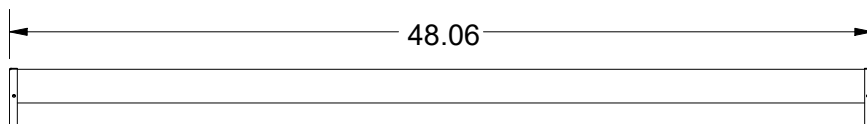
BLLBT 3' Side



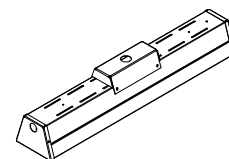
BLLBT Standard



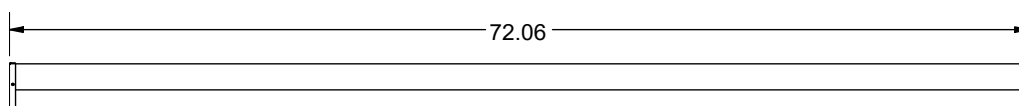
BLLBT 4' Side



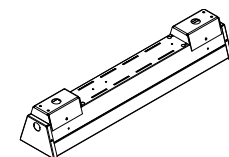
BLLBT Pendant Mount



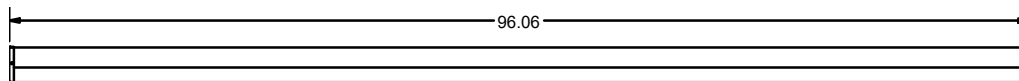
BLLBT 6' Side



BLLBT Surface Mount



BLLBT 8' Side



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

BLLBT 4' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per Watt |
|------|--------------|---------------------|-----------------|-----------------|
| 4' | 4.5 | 4482 | 32.6 | 137.6 |
| 4' | 5.5 | 5462 | 40.1 | 136.1 |
| 4' | 6.5 | 6418 | 47.7 | 134.7 |
| 4' | 7.5 | 7355 | 55.2 | 133.3 |
| 4' | 8.5 | 8268 | 62.7 | 131.9 |
| 4' | 9.5 | 9162 | 70.3 | 130.4 |
| 4' | 10.5 | 10034 | 77.8 | 129.0 |
| 4' | 11.5 | 10889 | 85.4 | 127.6 |

BLLBT 8' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per Watt |
|------|--------------|---------------------|-----------------|-----------------|
| 8' | 9 | 8900 | 64.7 | 137.7 |
| 8' | 11 | 10684 | 79.6 | 134.3 |
| 8' | 13 | 12559 | 94.6 | 132.8 |
| 8' | 15 | 14389 | 109.5 | 131.4 |
| 8' | 17 | 16177 | 124.4 | 130.0 |
| 8' | 19 | 17924 | 139.4 | 128.6 |
| 8' | 21 | 19627 | 154.3 | 127.2 |
| 8' | 23 | 21301 | 169.4 | 125.8 |

BLLBT 3' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per Watt |
|------|--------------|---------------------|-----------------|-----------------|
| 3' | 3.0 | 2973.778 | 21.6 | 137.6 |
| 3' | 3.5 | 3424.909 | 25.4 | 134.9 |
| 3' | 4.0 | 3892.718 | 29.2 | 133.5 |
| 3' | 4.5 | 4348.800 | 32.9 | 132.0 |
| 3' | 5.0 | 4793.137 | 36.7 | 130.6 |
| 3' | 5.5 | 5227.123 | 40.5 | 129.2 |
| 3' | 6.0 | 5649.714 | 44.2 | 127.8 |
| 3' | 6.5 | 6064.783 | 48.0 | 126.4 |

BLLBT 6' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per Watt |
|------|--------------|---------------------|-----------------|-----------------|
| 6' | 6.75 | 6691.0 | 48.6 | 137.6 |
| 6' | 8.25 | 8073.0 | 59.8 | 134.9 |
| 6' | 9.75 | 9488.5 | 71.1 | 133.5 |
| 6' | 11.25 | 10872.0 | 82.3 | 132.0 |
| 6' | 12.75 | 12222.5 | 93.6 | 130.6 |
| 6' | 14.25 | 13543.0 | 104.8 | 129.2 |
| 6' | 15.75 | 14830.5 | 116.1 | 127.8 |
| 6' | 17.25 | 16095.0 | 127.4 | 126.4 |

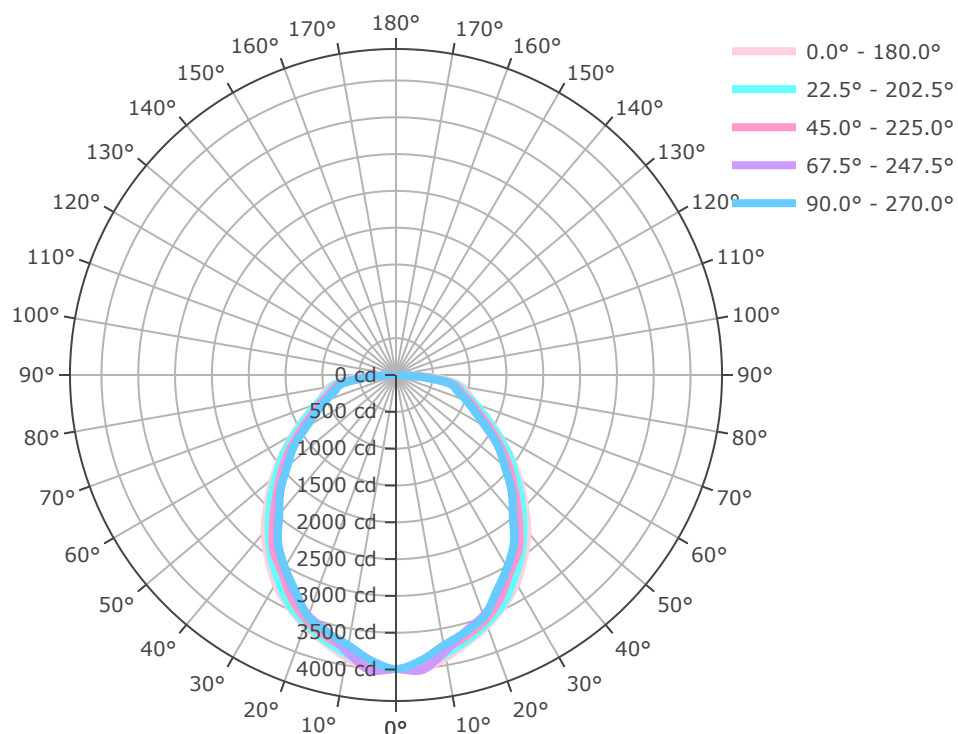
BLLBT 2' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per Watt |
|------|--------------|---------------------|-----------------|-----------------|
| 2' | 1.75 | 1743 | 12.70 | 137.6 |
| 2' | 2.25 | 2241 | 16.29 | 137.6 |
| 2' | 2.75 | 2731 | 20.06 | 136.1 |

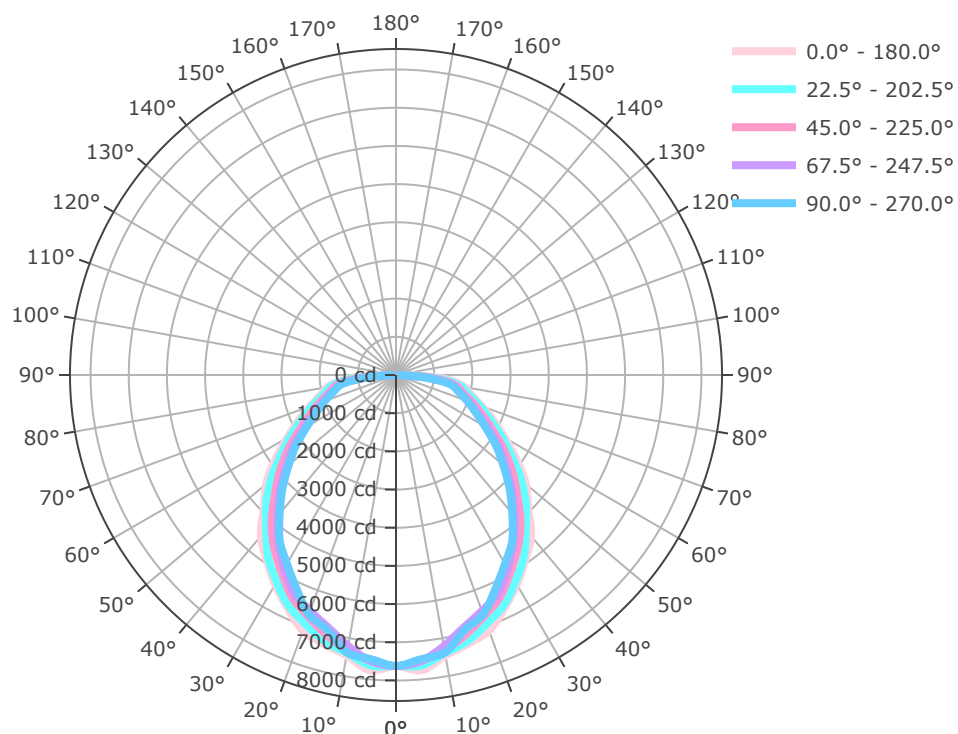
* Drawings aren't to scale

* Standard tolerances apply

* Specifications may change without notice

BLLBT-4FT-11.5L-840-L67

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6.0 ft | 110.9 fc | 16.0 ft |
| 8.0 ft | 62.4 fc | 21.3 ft |
| 10.0 ft | 39.9 fc | 26.6 ft |
| 12.0 ft | 27.7 fc | 31.9 ft |
| 14.0 ft | 20.4 fc | 37.2 ft |
| 16.0 ft | 15.6 fc | 42.5 ft |

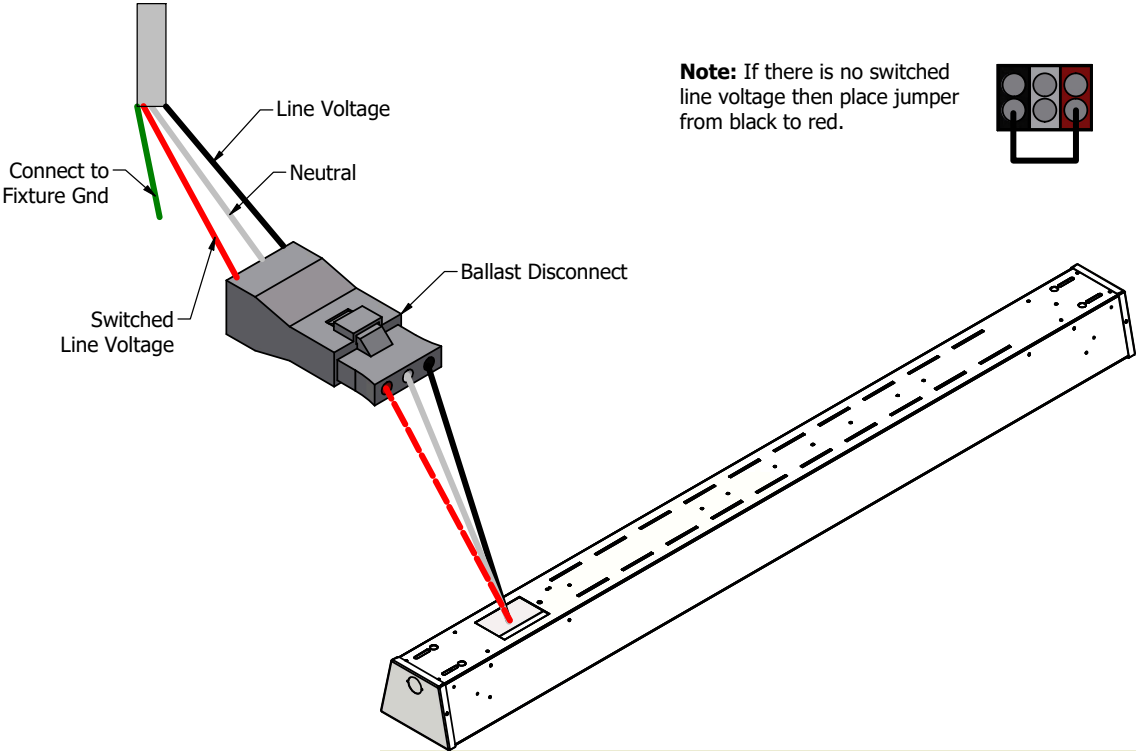
BLLBT-8FT-23L-840-L67

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6.0 ft | 211.7 fc | 17.3 ft |
| 8.0 ft | 119.1 fc | 23.1 ft |
| 10.0 ft | 76.2 fc | 28.9 ft |
| 12.0 ft | 52.9 fc | 34.7 ft |
| 14.0 ft | 38.9 fc | 40.5 ft |
| 16.0 ft | 29.8 fc | 46.3 ft |

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 | |

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 BLLBT.

