

# The Bowden Series

BLLB - Suspended Mount Low Bay

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



## About The Bowden Series

The BLLB is a DLC Listed, ETL certified series of fixtures 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', 4', 8'   |
| 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
- Designed and Manufactured in Canada

## Warranty

- | 5 Year Comprehensive, 10 Year LED

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Low Bay Lighting by

**BJTAKE**  
LIGHTING

## Ordering Information

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

Length  
**BLLB** - **4'** - **10.5L** - **840** - **UNV** - **L67**  
Fixture Series      Lumen Output      CRI & Colour Temperature      Option 1  
Voltage

|        |        |              |         |        |         |         |     |    |       |     |          |
|--------|--------|--------------|---------|--------|---------|---------|-----|----|-------|-----|----------|
| 1      | 2      | 3            | 4       | 5      | 6       |         |     |    |       |     |          |
| BLLB   |        |              |         |        |         |         |     |    |       |     |          |
| Series | Length | Lumen Output |         | CRI    | CCT     | Voltage |     |    |       |     |          |
| BLLB   | 2'     | 2'-1.75L     | 1750lm  | 8'-5L  | 5000lm  | 8       | 80  | 27 | 2700K | UNV | 120-277V |
|        | 4'     | 2'-2.25L     | 2250lm  | 8'-6L  | 6000lm  | 9       | 90+ | 30 | 3000K | 347 | 347V     |
|        | 8'     | 2'-2.75L     | 2750lm  | 8'-7L  | 7000lm  | 1       | 95+ | 35 | 3500K | UN3 | 120-347V |
|        |        | 4'-2.5L      | 2500lm  | 8'-8L  | 8000lm  |         |     | 40 | 4000K |     |          |
|        |        | 4'-3.5L      | 3500lm  | 8'-9L  | 9000lm  |         |     | 50 | 5000K |     |          |
|        |        | 4'-4.5L      | 4500lm  | 8'-11L | 11000lm |         |     | 65 | 6500K |     |          |
|        |        | 4'-5.5L      | 5500lm  | 8'-13L | 13000lm |         |     |    |       |     |          |
|        |        | 4'-6.5L      | 6500lm  | 8'-15L | 15000lm |         |     |    |       |     |          |
|        |        | 4'-7.5L      | 7500lm  | 8'-17L | 17000lm |         |     |    |       |     |          |
|        |        | 4'-8.5L      | 8500lm  | 8'-19L | 19000lm |         |     |    |       |     |          |
|        |        | 4'-9.5L      | 9500lm  | 8'-21L | 21000lm |         |     |    |       |     |          |
|        |        | 4'-10.5L     | 10500lm | 8'-23L | 23000lm |         |     |    |       |     |          |
|        |        | 4'-11.5L     | 11500lm |        |         |         |     |    |       |     |          |
|        |        |              |         |        |         |         |     |    |       |     |          |
|        |        |              |         |        |         |         |     |    |       |     |          |

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## 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                |

### 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 (WAGO) |
| W22XY   | Molex Row Mounting Wiring  |

### Baffles

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

### Warranty

|     |  |
|-----|--|
| CL7 | 10-Year Comprehensive Warranty Upgrade |
|-----|--|

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Low 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 [contactsales@bjtake.com](mailto:contactsales@bjtake.com) for more information.






 [BLLB Specification Sheet, 2025](#)

 [BLLB - Installation Instructions](#)

 [BLLB - 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

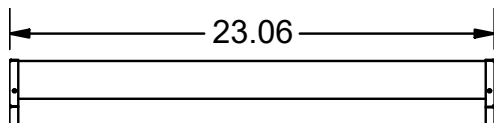
BJ Take products are tested and/or inspected prior to being packaged for shipment and are guaranteed from the day the product is shipped for a period of ten-year LED chip warranty and a five-year comprehensive component warranty. This can be upgraded to a ten-year comprehensive warranty on request.

# The Bowden Series

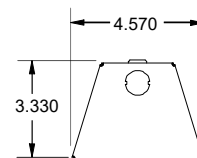
BLLB - Suspended Mount Low Bay

Low Bay Lighting by **BJTAKE**  
LIGHTING

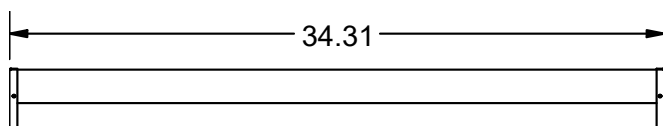
BLLB 2' Side



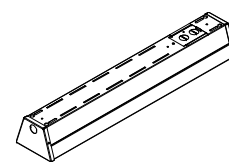
BLLB 2'-8' End



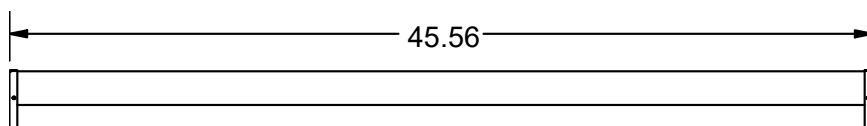
BLLB 3' Side



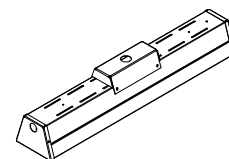
BLLB Standard



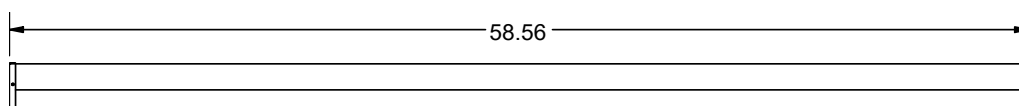
BLLB 4' Side



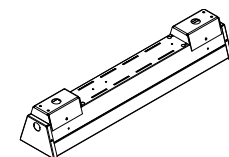
BLLB Pendant Mount



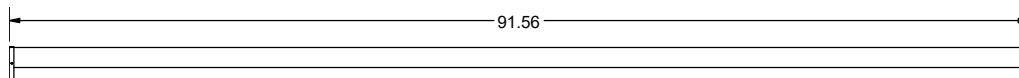
BLLB 6' Side



BLLB Surface Mount



BLLB 8' Side



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

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## BLLB 4' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per watt |
|------|--------------|---------------------|-----------------|-----------------|
| 4'   | 4.5          | 4521                | 33.4            | 135.4           |
| 4'   | 5.5          | 5509                | 41.1            | 134.0           |
| 4'   | 6.5          | 6475                | 48.8            | 132.6           |
| 4'   | 7.5          | 7419                | 56.5            | 131.2           |
| 4'   | 8.5          | 8342                | 64.3            | 129.8           |
| 4'   | 9.5          | 9242                | 72.0            | 128.4           |
| 4'   | 10.5         | 10121               | 79.7            | 127.0           |
| 4'   | 11.5         | 10984               | 87.5            | 125.6           |

## BLLB 8' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per watt |
|------|--------------|---------------------|-----------------|-----------------|
| 8'   | 9            | 8978                | 66.2            | 135.6           |
| 8'   | 11           | 10939               | 81.5            | 134.2           |
| 8'   | 13           | 12857               | 96.9            | 132.7           |
| 8'   | 15           | 14731               | 112.2           | 131.3           |
| 8'   | 17           | 16564               | 127.5           | 129.9           |
| 8'   | 19           | 18353               | 142.8           | 128.5           |
| 8'   | 21           | 20095               | 158.1           | 127.1           |
| 8'   | 23           | 21809               | 173.5           | 125.7           |

## BLLB 3' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per watt |
|------|--------------|---------------------|-----------------|-----------------|
| 3'   | 3.0          | 3000                | 22.1            | 135.5           |
| 3'   | 4.0          | 3987                | 29.7            | 134.1           |
| 3'   | 4.5          | 4461                | 33.6            | 132.7           |
| 3'   | 5.0          | 4922                | 37.5            | 131.3           |
| 3'   | 5.5          | 4372                | 41.4            | 129.9           |
| 3'   | 6.0          | 5809                | 45.2            | 128.5           |
| 3'   | 6.5          | 6235                | 49.1            | 127.1           |
| 3'   | 7.5          | 6654                | 52.9            | 125.7           |

## BLLB 6' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per watt |
|------|--------------|---------------------|-----------------|-----------------|
| 6'   | 6.75         | 6749.5              | 49.8            | 135.5           |
| 6'   | 8.25         | 8224.0              | 61.3            | 134.1           |
| 6'   | 9.75         | 9666.0              | 72.8            | 132.7           |
| 6'   | 11.25        | 11075.0             | 84.4            | 131.3           |
| 6'   | 12.75        | 12453.0             | 95.9            | 129.9           |
| 6'   | 14.25        | 13797.5             | 107.4           | 128.5           |
| 6'   | 15.75        | 15108.0             | 118.9           | 127.1           |
| 6'   | 17.25        | 16396.5             | 130.5           | 125.7           |

## BLLB 2' Wattage

| Size | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per watt |
|------|--------------|---------------------|-----------------|-----------------|
| 2'   | 1.75         | 1758                | 13.0            | 135.4           |
| 2'   | 2.25         | 2755                | 20.6            | 134.0           |
| 2'   | 2.75         | 3238                | 24.4            | 132.6           |

\* Drawings aren't to scale

\* Standard tolerances apply

\* Specifications may change without notice

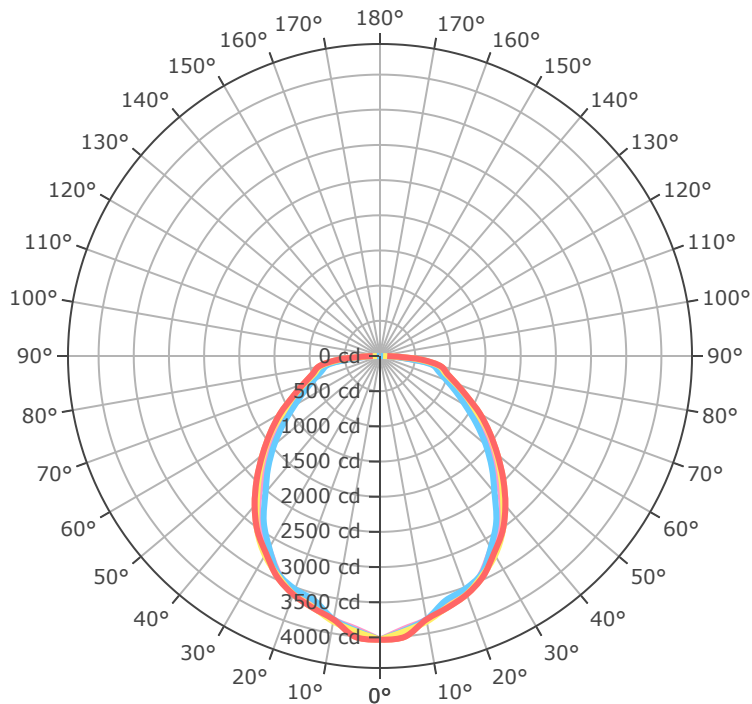
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Low Bay Lighting by



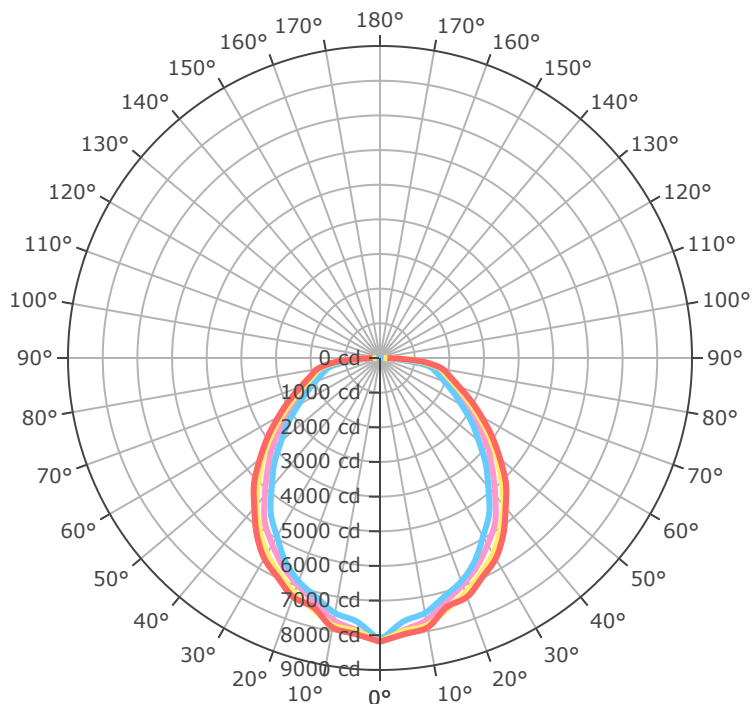
BLLB-4FT-11.5L-840-UNV-L67



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

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6.0 ft     | 112.0 fc    | 15.9 ft       |
| 8.0 ft     | 63.0 fc     | 21.2 ft       |
| 10.0 ft    | 40.3 fc     | 26.5 ft       |
| 12.0 ft    | 28.0 fc     | 31.8 ft       |
| 14.0 ft    | 20.6 fc     | 37.1 ft       |
| 16.0 ft    | 15.8 fc     | 42.4 ft       |
| 24.0 ft    | 7.0 fc      | 63.6 ft       |
| 32.0 ft    | 3.9 fc      | 84.8 ft       |
| 40.0 ft    | 2.5 fc      | 106.0 ft      |
| 48.0 ft    | 1.8 fc      | 127.2 ft      |
| 56.0 ft    | 1.3 fc      | 148.4 ft      |
| 64.0 ft    | 1.0 fc      | 169.6 ft      |

BLLB-8FT-23L-840-UNV-L67



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

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6.0 ft     | 227.4 fc    | 16.3 ft       |
| 8.0 ft     | 127.9 fc    | 21.8 ft       |
| 10.0 ft    | 81.9 fc     | 27.2 ft       |
| 12.0 ft    | 56.8 fc     | 32.7 ft       |
| 14.0 ft    | 41.8 fc     | 38.1 ft       |
| 16.0 ft    | 32.0 fc     | 43.6 ft       |
| 24.0 ft    | 14.2 fc     | 65.3 ft       |
| 32.0 ft    | 8.0 fc      | 87.1 ft       |
| 40.0 ft    | 5.1 fc      | 108.9 ft      |
| 48.0 ft    | 3.6 fc      | 130.7 ft      |
| 56.0 ft    | 2.6 fc      | 152.5 ft      |
| 64.0 ft    | 2.0 fc      | 174.3 ft      |

# The Bowden Series

BLLB - Suspended Mount Low Bay

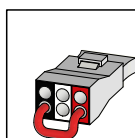
Low Bay Lighting by



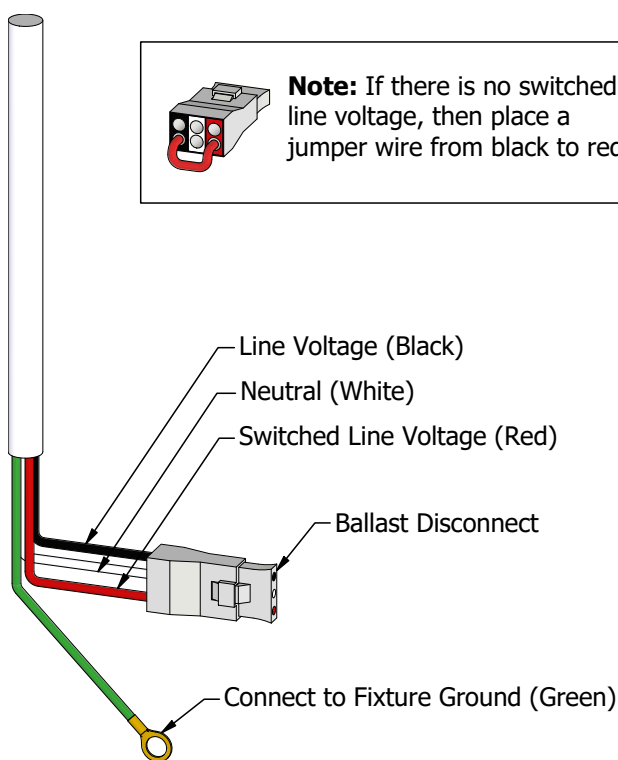
## Emergency Battery Plan - 20W

| 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



**Note:** If there is no switched line voltage, then place a jumper wire from black to red.



## Important Information

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

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LIGHTING

## Gallery Information

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

