



# WALL BRACKET LED

## BSQ 110

SERIES 2FT, 4FT  
LED SQUARE WALL BRACKET LUMINAIRE

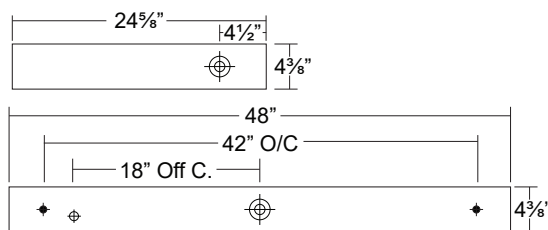
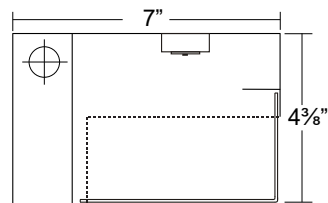
|      |  |
|------|--|
| JOB  |  |
| TYPE |  |
| DATE |  |

LALIGHTING.COM 626-454-8300

### CEILING / WALL MOUNTED LED LUMINAIRE

### DIMENSIONS

- ⊕ 2" K.O.
- ⊕ 7/8" K.O.
- ◆ 11/16" Stem Mtg. K.O.



### SPECIFICATIONS

#### CONSTRUCTION

- 22 gauge cold-rolled steel welded housing

#### FINISH

- Baked white powder coated finish
- Minimum reflectance 90%
- Welded and painted after fabrication

#### OPTICAL

- High impact clear prismatic acrylic lens

#### ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V~277V (347V/480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

#### LISTING

- UL USA and Canada listed
- Suitable for damp locations

#### WARRANTY

- 5-year limited warranty
- 10-year limited warranty available

### APPLICATIONS

- Commercial, Corridor, Under-Cabinet, Vanity, Restroom

### FEATURES

- 0-10V Dimming driver standard
- Supports California Title 24 compliance

### OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Controls
- Lens
- Cord & plug
- Emergency battery pack
- Tunable white (2700K - 6500K)
- Customization available upon request

### CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

Variety of RAL colors available upon request.



**Los Angeles Lighting Mfg. Co.**  
Contact Us  
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www.lalighting.com Made in the USA



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Revised 07/02/21



**ORDERING INFORMATION**

ADDITIONAL OPTIONS AVAILABLE. VISIT [WWW.LALIGHTING.COM/RESOURCES](http://WWW.LALIGHTING.COM/RESOURCES) FOR MORE INFORMATION

**EXAMPLE: BSQ110-4-4L-DRP3-BPL1.5-DRDM-UNV-1/840**

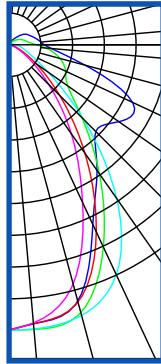
| SERIES   | NOMINAL LED LUMENS   | EFFICACY   | NOMINAL LENGTH   | COLOR   | OPTICAL  | CONTROLS   | ELECTRICAL   | DRIVER   | VOLTAGE  | # OF LED ROW            | CRI / CCT   |
|--|--|--|--|---|--|--|--|--|--|-------------------------|---|
| <b>BSQ110</b><br>• Square Wall Bracket LED Luminaire | <b>2ft</b><br>1 - 1000lm<br>2 - 2000lm<br>3 - 3000lm<br>4 - 4000lm<br>5 - 5000lm<br>6 - 6000lm<br>8 - 8000lm<br><br><b>4ft</b><br>2 - 2000lm<br>3 - 3000lm<br>4 - 4000lm<br>5 - 5000lm<br>6 - 6000lm<br>8 - 8000lm<br>10 - 10000lm<br>11 - 11000lm<br>12 - 12000lm<br>16 - 16000lm<br><br>*Contact factory for additional lumen packages | <b>(Blank)</b><br>• Standard<br><br><b>HE</b><br>• High Efficacy<br><br><b>HE Packages</b><br><b>2ft</b><br>• 1000lm<br>• 2000lm<br>• 3000lm<br><br><b>4ft</b><br>• 2000lm<br>• 3000lm<br>• 4000lm<br>• 6000lm | <b>2L</b><br>• 2ft<br><br><b>4L</b><br>• 4ft<br><br>*Contact factory for additional length options | <b>(Blank)</b><br>• Standard White<br><br><b>BLK</b><br>• Matte Black<br><br><b>BZ</b><br>• Statuary Bronze<br><br><b>CS</b><br>• Camaro Silver<br><br>*Consult factory for available RAL options | <b>DRP3</b><br>• High Impact Clear Prismatic Acrylic<br>• Min. 0.125 OA Thickness<br>• Female Prisms 3/16" Square Base | <b>(Blank)</b><br>Leave blank if not specified<br><br><b>WLC(xx)</b><br>• Wireless Control<br><br>*Contact factory for additional sensor options | <b>BPL1.5</b><br>• Emergency Battery Pack<br>• 1500 lm<br><br><b>C(xx)</b><br>• Cord 18 ga. 3-wire<br>• Plug Options<br>• NEMA Plug Type<br>• Length of Cord<br>• Location on the fixture<br><br>*Contact factory for additional electrical options<br><br>*Leave blank if not specified | <b>DRDM</b><br>• 0-10V Dimming Driver<br><br><b>DRSD</b><br>• Step Dimming Driver<br><br><b>DR2W</b><br>• 2-Wire Phase Dimming Driver<br>• Requires Specific Voltage Callout<br><br>*Contact factory for additional driver options | <b>UNV</b><br>• 120V-277V<br><br><b>120V</b><br>• 120 Volt<br><br><b>277V</b><br>• 277 Volt<br><br><b>347V</b><br>• 347 Volt<br><br><b>480V</b><br>• 480 Volt<br><br>*Contact factory for additional voltage options | <b>1</b><br>• 1 LED Row | <b>830</b><br>• 80+CRI / 3000K<br><br><b>835</b><br>• 80+CRI / 3500K<br><br><b>840</b><br>• 80+CRI / 4000K<br><br><b>850</b><br>• 80+CRI / 5000K<br><br><b>8TW</b><br>• Tunable White 827 to 865<br>• Contact factory regarding lumen packages<br><br>*Consult factory for available additional options for CRI & CCT |

Standard options for BSQ110 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit [www.lalighting.com/resources](http://www.lalighting.com/resources) or contact customer service.

**PHOTOMETRIC DATA**

**BSQ110-4-4L-PA-DRDM-UNV-1/840**  
 TEST NO. = LA-T3689  
 LED TYPE = 32 LED MODULE  
 NO. OF MODULE = 2  
 SYSTEM WATT (W) = 26.7  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE = C

| SPACING CRITERION |        |
|-------------------|--------|
| ALONG             | ACROSS |
| 1.15              | 1.04   |



| ZONAL LUMEN SUMMARY |        |        |           |
|---------------------|--------|--------|-----------|
| DEGREES             | LUMENS | % LAMP | % FIXTURE |
| 0-30                | 1239   | 30.3   | 37.2      |
| 0-40                | 1819   | 44.5   | 54.6      |
| 0-60                | 2569   | 62.9   | 77.0      |
| 0-90                | 3118   | 76.3   | 93.5      |
| 90-120              | 170    | 4.2    | 5.1       |
| 90-150              | 215    | 5.3    | 6.5       |
| 90-180              | 217    | 5.3    | 6.5       |
| 0-180               | 3335   | 81.6   | 100.0     |

Luminaire Output = 3334.68 lumens  
 Luminaire Efficacy = 124.89 lm/W  
 Luminaire Efficiency = 81.61%



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SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

| 2' - LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | LUMINAIRE EFFICIENCY | AMBIENT TEMP.              | FLUORESCENT EQUIVALENT | IES FILES                |
|------------------------|---|------------------|--------------|--------------------|----------------------|----------------------------|------------------------|--------------------------|
| 1000 Lumens (Nominal)  | BSQ110-1-2L-DRP3-DRDM-UNV-1/840         | 835              | 7.6          | 109.32 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 1-F17T8                | *                        |
| 2000 Lumens (Nominal)  | BSQ110-2-2L-DRP3-DRDM-UNV-1/840         | 1639             | 14.1         | 116.03 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 2-F17T8<br>1-F24T5HO   | <a href="#">LA-T3688</a> |
| 3000 Lumens (Nominal)  | BSQ110-3-2L-DRP3-DRDM-UNV-1/840         | 2509             | 22.1         | 113.45 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 3-F17T8                | *                        |
| 4000 Lumens (Nominal)  | BSQ110-4-2L-DRP3-DRDM-UNV-1/840         | 3322             | 27.3         | 121.80 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 4-F17T8<br>2-F24T5HO   | *                        |
| 5000 Lumens (Nominal)  | BSQ110-5-2L-DRP3-DRDM-UNV-1/840         | 4064             | 32.7         | 124.47 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | -                      | *                        |
| 6000 Lumens (Nominal)  | BSQ110-6-2L-DRP3-DRDM-UNV-1/840         | 4826             | 39.4         | 122.47 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 3-F24T5HO              | *                        |
| 8000 Lumens (Nominal)  | BSQ110-8-2L-DRP3-DRDM-UNV-1/840         | 6515             | 52.4         | 124.45 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 150W MH                | *                        |

| 2' - LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | LUMINAIRE EFFICIENCY | AMBIENT TEMP.              | FLUORESCENT EQUIVALENT | IES FILES |
|------------------------|---|------------------|--------------|--------------------|----------------------|----------------------------|------------------------|-----------|
| 1000 Lumens (Nominal)  | BSQ110-1HE-2L-DRP3-DRDM-UNV-1/840                       | 902              | 7.5          | 120.33 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 1-F17T8                | *         |
| 2000 Lumens (Nominal)  | BSQ110-2HE-2L-DRP3-DRDM-UNV-1/840                       | 1604             | 12.4         | 129.65 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 2-F17T8<br>1-F24T5HO   | *         |
| 3000 Lumens (Nominal)  | BSQ110-3HE-2L-DRP3-DRDM-UNV-1/840                       | 2423             | 18.7         | 129.72 lm/W        | 80.22%               | -20°C / 35°C (-4°F / 95°F) | 3-F17T8                | *         |

| 4' - LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | LUMINAIRE EFFICIENCY | AMBIENT TEMP.              | FLUORESCENT EQUIVALENT | IES FILES                |
|------------------------|---|------------------|--------------|--------------------|----------------------|----------------------------|------------------------|--------------------------|
| 2000 Lumens (Nominal)  | BSQ110-2-4L-DRP3-DRDM-UNV-1/840         | 1698             | 13.4         | 126.60 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 1-F32T8                | *                        |
| 3000 Lumens (Nominal)  | BSQ110-3-4L-DRP3-DRDM-UNV-1/840         | 2690             | 22.1         | 121.72 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | -                      | *                        |
| 4000 Lumens (Nominal)  | BSQ110-4-4L-DRP3-DRDM-UNV-1/840         | 3335             | 26.7         | 124.86 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 2-F32T8<br>1-F54T5HO   | <a href="#">LA-T3689</a> |
| 5000 Lumens (Nominal)  | BSQ110-5-4L-DRP3-DRDM-UNV-1/840         | 4279             | 35.3         | 121.23 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | -                      | *                        |
| 6000 Lumens (Nominal)  | BSQ110-6-4L-DRP3-DRDM-UNV-1/840         | 5193             | 43.7         | 118.90 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 3-F32T8                | *                        |
| 8000 Lumens (Nominal)  | BSQ110-8-4L-DRP3-DRDM-UNV-1/840         | 6759             | 51.1         | 132.17 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 4-F32T8<br>2-F54T5HO   | *                        |
| 10000 Lumens (Nominal) | BSQ110-10-4L-DRP3-DRDM-UNV-1/840        | 8269             | 61.5         | 134.50 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 5-F32T8                | *                        |
| 11000 Lumens (Nominal) | BSQ110-11-4L-DRP3-DRDM-UNV-1/840        | 9206             | 69.7         | 132.15 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | -                      | *                        |
| 12000 Lumens (Nominal) | BSQ110-12-4L-DRP3-DRDM-UNV-1/840        | 9819             | 74.9         | 131.07 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 6-F32T8<br>3-F54T5HO   | *                        |
| 16000 Lumens (Nominal) | BSQ110-16-4L-DRP3-DRDM-UNV-1/840        | 13256            | 97.9         | 135.39 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 8-F32T8<br>4-F54T5HO   | *                        |

| 4' - LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | LUMINAIRE EFFICIENCY | AMBIENT TEMP.              | FLUORESCENT EQUIVALENT | IES FILES |
|------------------------|---|------------------|--------------|--------------------|----------------------|----------------------------|------------------------|-----------|
| 2000 Lumens (Nominal)  | BSQ110-2HE-4L-DRP3-DRDM-UNV-1/840                       | 1836             | 13.5         | 135.57 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 1-F32T8                | *         |
| 3000 Lumens (Nominal)  | BSQ110-3HE-4L-DRP3-DRDM-UNV-1/840                       | 2561             | 18.3         | 139.84 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | -                      | *         |
| 4000 Lumens (Nominal)  | BSQ110-4HE-4L-DRP3-DRDM-UNV-1/840                       | 3264             | 23.5         | 139.19 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 2-F32T8<br>1-F54T5HO   | *         |
| 6000 Lumens (Nominal)  | BSQ110-6HE-4L-DRP3-DRDM-UNV-1/840                       | 4932             | 36.4         | 135.50 lm/W        | 81.61%               | -20°C / 35°C (-4°F / 95°F) | 3-F32T8                | *         |



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