

Job: BOOT BARN 2026 – LIGHTING SUBMITTAL PACKAGE

| <i>Type</i> | <i>Mfr</i> | <i>Part</i>                                                                       |
|-------------|------------|-----------------------------------------------------------------------------------|
| C1          | JNO        | T1056L30K80CRIPDIM NAT CPL MEZ190653 / WALL WASH 38W, 5200LM                      |
| D2          | HI-LITE    | H-LCGU-1B-117-FR/GU24-26W RATED / V JAR PAINTED STEEL                             |
| D2          | TCP        | L10A19GUD30K / GU24 A19 LED BULB 10W                                              |
| E1          | JNO        | TC22LED G4 14LM 30K 90CRI MVOLT ZT10 / 6" LED DL                                  |
| E1E         | JNO        | TC22LED G4 14LM 30K 90CRI MVOLT ZT10 BR / EMERG                                   |
| E1, E1E     | JNO        | 27 PTSC / 6" TRIM SATIN CHROME TRIM RING                                          |
| E1, E1E     | JNO        | LB27 / LINEAR BAR HANGERS                                                         |
| F1          | ORACLE     | 14-FPL-BL-LED-4000L/5000L/6000L-DIM10-MVOLT-35K/40K/50K-85 /1X4                   |
| F1-EM       | ORACLE     | 14-FPL-BL-LED-4000L/5000L/6000L-DIM10-MVOLT-35K/40K/50K-85-0-EMG-LED-10W / 1X4 EM |
| F1, F1-EM   | ORACLE     | 14FK / 1X4 FLANGE KIT                                                             |
| F2          | ORACLE     | 24-OT-LED-3000L/4000L/5000L-DIM10-MVOLT-35K/40K/50K-85-A12                        |
| F4          | LITH       | ZL1N-L48-5000LM-FST-MOVLT-40K-80CRI-WH / 4' LED STRIP                             |
| F8          | LITH       | TZL1N-L96-6000LM-FST-MVOLT-40K-80CRI-WH / 8' LED STRIP                            |
| G           | JNO        | T254L G2 30K 80CRI PDIM NFL NAT MEZ134734 / 15W 1523LM                            |
| TRACK       | JNO        | T8FTSL / 8' TRACK SILVER                                                          |
| TRACK       | JNO        | T6FTSL / 6' TRACK SILVER                                                          |
| TRACK       | JNO        | T4FTSL / 4' TRACK SILVER                                                          |
| TRACK       | JNO        | T2FTSL / 2' TRACK SILVER                                                          |
| TRACK       | JNO        | T38SL / LIVE END CONNECTOR SILVER                                                 |
| TRACK       | JNO        | T23SL / MINI CONNECTOR SILVER                                                     |
| TRACK       | JNO        | T25SL / T CONNECTOR SILVER                                                        |
| TRACK       | JNO        | T26SL / X CONNECTOR SILVER                                                        |
| TRACK       | JNO        | T33SL / TRACK OUTLET ADAPTOR SILVER                                               |
| EM2         | BEGH       | TA-LED-ECO-SE-UNV / EM CEILING MNT                                                |
| EM1         | ELITE      | ELM-LED-803-W / LED BUG EYE WHITE                                                 |
| EX1         | ELITE      | ELX-603-R-W / EXIT LIGHT RED LETTERS WHITE                                        |
| EX2         | ELITE      | ELX-LED-703-R-W / EXIT COMBO LED RED LTS WHITE                                    |
| EX3         | ELITE      | ELX-629-R-W-G2 / REMOTE CAPABLE LED EXIT WHITE                                    |
| XT          | ELITE      | ELM-LED-863-OT-G / REMOTE DUAL HEAD WET LOC                                       |
| LAMP-E26    | EURI       | VST19-3020EA / 5.5W AMBER ST19 CLASS E26 500LM 80CRI                              |
| LAMP-E12    | EURI       | VB10-3020EA-4 / 4.5W AMBER BULLET TIP E12 350LM 80CRI                             |

Project: BOOT BARN

Fixture Type: C1

## LED WALL WASH/FLOOD

**T1050L, T1051L, T1052L, T1053L,  
T1054L, T1056L, T1058L Series**



### PRODUCT DESCRIPTION

The T105xL family of narrow profile LED Wall Wash/Flood track fixtures deliver a powerful and uniform punch of light, utilizing less energy than comparable CMH fixtures and offering up to 4 times the rated life. Seven different lumen packages are capable of delivering from 1392 lumens up to 6317 powerful lumens, reaching efficacy of up to 148 lumens per watt. Employing a patented, proprietary hyperbolic reflector, they provide a very uniform, wide beam of light with minimal aperture brightness. Their unique, narrow profile and small footprint reduces visual clutter at the ceiling. The lightweight, but robust, die cast aluminum construction is designed to maintain a consistent center of gravity, regardless of aiming. Vertical aiming locks enable fixtures to be precisely aimed and locked in place, and a variety of light control accessories can be attached to optimize beam control. Their optimized thermal management design yields a maintenance-free minimum 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T105xL family of narrow profile LED Wall Wash/Flood track fixtures are compatible with Juno Trac-Master and Trac-Lites track.



### PRODUCT SPECIFICATIONS

**Housing** Robust die cast aluminum construction • Perfectly balanced design maintains consistent center of gravity, regardless of aiming • Concealed wiring for a simplified, clean aesthetic • Computer designed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation • Available in white semi-gloss, black semi-gloss and silver metallic painted finishes.

**LED** Two high-performance LEDs per fixture provide outstanding reliability, performance and color quality/consistency • White phosphor high brightness LEDs in 2700K, 3000K, 3500K or 4000K color temperatures • Chromaticity range within a 2-step MacAdam Ellipse • Exceptional 80 CRI minimum on standard product • Optional high CRI versions offer 90 CRI.

**Driver** Cleverly assembled in fixture yoke arm • Insulating air gap between driver and LEDs optimizes thermal operation • Solid state electronic with integral overcurrent and short circuit protection • FCC Part 15 Class B rated at 120V.

**Dimming** Standard 120V version is standard dimmable using various high quality dimmers approved by Juno - see [T105xL-DIM](#).

**Reflector** Patented, custom hyperbolic reflector creates a uniform, wide beam pattern and enables LEDs to be deeply regressed to minimize aperture brightness.

**Aiming** 365° horizontal coverage • 95° vertical aiming capability in either direction (190° total) • Vertical aiming lock screws and aiming scales for precise, secure fixture aiming • Lock screws require standard 1/16" hex wrench (included).

**Lenses/Accessories** Standard fixture is supplied without lens to deliver optimal photometric performance and to simplify accessory installation • Clear Polycarbonate Lens or Diffusion Lens are available as factory-installed options (CPL or DIFF) or field-installed accessories (CGF RECT3 CLEAR or DIFF RECT3) • Other lenses, including UV Filter (UVF RECT3), can also be factory-installed – consult factory • Other lenses available upon request – consult factory • Accessories attach to front bezel using four (4) Philips screws (included with accessory).

**Juno Universal Track Adapter** Universally compatible with both Trac-Master 1-circuit or 2-circuit track, Trac-Lites track, monopoints and special mountings • Also UL Recognized for use on ConTech® LT Series track • Copper alloy contacts provide precise spring action – no arcing and will not take a set • True, positive electrical ground • On/off switch included • Patented embossed polarity arrows on bottom of adapter • Spring-loaded positive latch with embossed polarity arrows secures track fixture to track • Two-position power contact provided for two-circuit application.

**Alternate TEK/HTEK Track Adapter** Compatible with either Juno TEK or HTEK track systems • System specific and assembled to track fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing.

**Alternate GTYPE Track Adapter** Compatible with track systems based on GES type track, including Lithonia LT Commercial Track (not LTS type) • System specific and assembled to track fixture • Consult factory for additional information.

**Alternate HTYPE Track Adapter** Compatible with track systems which use a H-type track adapter, including Lithonia LTS Decorative Track (not LT type) • System specific and assembled to track fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Alternate LTYPE Track Adapter** Compatible with track systems which use a L-type track adapter • System specific and assembled to track fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Labels** UL and cUL Listed • ENERGY STAR® certified • 120V versions are DesignLights Consortium® Qualified • Union made • Assembled in U.S.A. • 90CRI versions can be used to comply with California Title 24, Part 6 high efficacy LED light source requirements.

**BUY AMERICAN ACT** This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

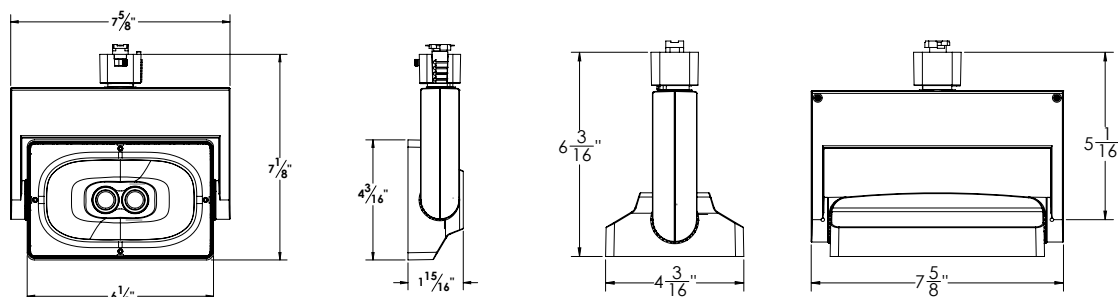
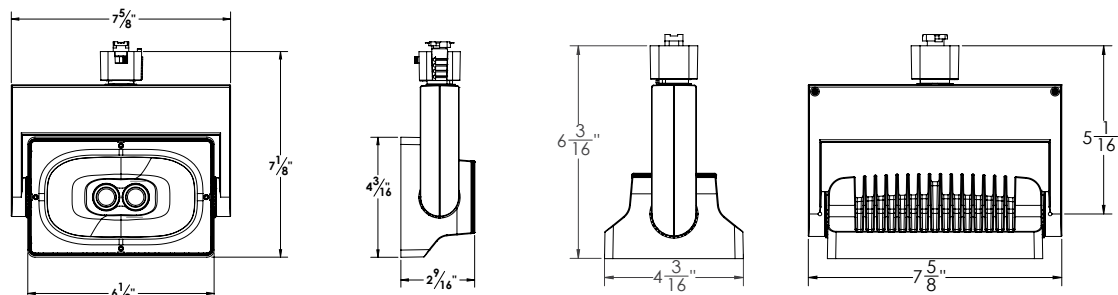
**Warranty** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions).

**Note:** Actual performance may differ as a result of end-user environment and application.  
All values are design or typical values, measured under laboratory conditions at 25 °C.  
Specifications subject to change without notice.

ConTech is a registered trademark of ConTech Lighting.

**TRAC-MASTER®**

Wall Wash/Floods

**LED WALL WASH/FLOOD****T1050L, T1051L, T1052L, T1053L,  
T1054L, T1056L, T1058L Series****DIMENSIONS**T1050L, T1051L,  
T1052L, T1053L,  
T1054L  
2.72 LBST1056L, T1058L  
3.13 LBS**ORDERING INFORMATION**

Ordering Examples: T1050L 30K 80CRI PDIM WH, T1054L HTYPE 35K 90CRI PDIM BL CPL

| Series             | Mounting Adapter Type                     | Color Temperature | Color Rendering Index | Dimming Compatibility                 |
|--------------------|-------------------------------------------|-------------------|-----------------------|---------------------------------------|
| T1050L 12W, 1700lm | (Blank) Juno Universal 120V Track Adapter | 27K 2700K         | 80CRI 80 CRI          | OFF <sup>1</sup> On/Off (Non-Dimming) |
| T1051L 16W, 2300lm | HTEK <sup>1</sup> HTEK 277V Track Adapter | 30K 3000K         | 90CRI 90 CRI          | PDIM Phase Dimmable                   |
| T1052L 22W, 3200lm | TEK <sup>2</sup> TEK 120V Track Adapter   | 35K 3500K         |                       |                                       |
| T1053L 26W, 3700lm | GTYPE G-Type Track Adapter                | 40K 4000K         |                       |                                       |
| T1054L 30W, 4200lm | HTYPE H-Type Track Adapter                |                   |                       |                                       |
| T1056L 38W, 5200lm | LTYPE L-Type Track Adapter                |                   |                       |                                       |
| T1058L 45W, 6300lm |                                           |                   |                       |                                       |

| Finish      | Factory-Installed Lens Option |
|-------------|-------------------------------|
| BL Black    | CPL Clear Polycarbonate Lens  |
| SL Silver   | DIFF Diffusion Lens           |
| WH White    |                               |
| NAT Natural |                               |

Notes:

- 1 HTEK versions available with OFF option only, and OFF option available with HTEK versions only.
- 2 TEK and HTEK adapters are black on silver finish fixtures.
- 3 Add finish code to complete catalog number (Example: T40N WH).

| Accessories (ordered separately)                                                                                                              |                          |                   |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------|-------------------|
| HCLBL RECT3                                                                                                                                   | Hexagonal Cell Louver    | SNOOTBL RECT3     | Snoot - Black     |
| CGF RECT3 CLEAR                                                                                                                               | Clear Polycarbonate Lens | EYEBROWBL RECT3   | EyeBrow - Black   |
| DIFF RECT3                                                                                                                                    | Diffusion Lens           | EYEBROWH RECT3    | EyeBrow - White   |
| UVF RECT3                                                                                                                                     | UV Filter                | TBDR BLCK RECT3   | Barn Door - Black |
|                                                                                                                                               |                          | T40N <sup>3</sup> | Monopoint Canopy  |
| See specification sheet <a href="#">D1.2.2</a> for details.<br>Other accessories can be found on specification sheet <a href="#">D1.2.0</a> . |                          |                   |                   |

**TRAC-MASTER®**

Wall Wash/Floods

**LED WALL WASH/FLOOD****T1050L, T1051L, T1052L, T1053L,  
T1054L, T1056L, T1058L Series****PERFORMANCE DATA<sup>1</sup>**

| Catalog Number          | Input Voltage | Input Wattage | Lumens | Efficacy (LPW) | Rated Life (Hours) |
|-------------------------|---------------|---------------|--------|----------------|--------------------|
| <b>T1056L 27K 80CRI</b> | 120V          | 37.8          | 4914   | 130            | 50,000             |
| <b>T1056L 30K 80CRI</b> | 120V          | 37.8          | 5122   | 135            | 50,000             |
| <b>T1056L 35K 80CRI</b> | 120V          | 37.8          | 5213   | 138            | 50,000             |
| <b>T1056L 40K 80CRI</b> | 120V          | 37.8          | 5255   | 139            | 50,000             |
| <b>T1056L 27K 90CRI</b> | 120V          | 37.8          | 4283   | 113            | 50,000             |
| <b>T1056L 30K 90CRI</b> | 120V          | 37.8          | 4453   | 118            | 50,000             |
| <b>T1056L 35K 90CRI</b> | 120V          | 37.8          | 4519   | 119            | 50,000             |
| <b>T1056L 40K 90CRI</b> | 120V          | 37.8          | 4522   | 120            | 50,000             |
| <b>T1058L 27K 80CRI</b> | 120V          | 44.9          | 5906   | 131            | 50,000             |
| <b>T1058L 30K 80CRI</b> | 120V          | 44.9          | 6157   | 137            | 50,000             |
| <b>T1058L 35K 80CRI</b> | 120V          | 44.9          | 6266   | 139            | 50,000             |
| <b>T1058L 40K 80CRI</b> | 120V          | 44.9          | 6317   | 141            | 50,000             |
| <b>T1058L 27K 90CRI</b> | 120V          | 44.9          | 5148   | 115            | 50,000             |
| <b>T1058L 30K 90CRI</b> | 120V          | 44.9          | 5353   | 119            | 50,000             |
| <b>T1058L 35K 90CRI</b> | 120V          | 44.9          | 5432   | 121            | 50,000             |
| <b>T1058L 40K 90CRI</b> | 120V          | 44.9          | 5435   | 121            | 50,000             |

<sup>1</sup> Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient.

**ELECTRICAL DATA**

|                     | <b>T1050L</b> | <b>T1051L</b> | <b>T1052L</b> | <b>T1053L</b> | <b>T1054L</b> | <b>T1056L</b> | <b>T1058L</b> |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Input Voltage       | 120V          | 120V          | 120V          | 120V          | 120V          | 120V          | 120V          |
| Input Current (max) | 0.11A         | 0.15A         | 0.21A         | 0.25A         | 0.29A         | 0.37A         | 0.44A         |
| Power Factor        | >0.90         | >0.90         | >0.90         | >0.90         | >0.90         | >0.90         | >0.90         |
| T.H.D.              | <20%          | <20%          | <20%          | <20%          | <20%          | <20%          | <20%          |



HI-LITE MFG.  
CO., INC.

Job Name: BOOT BARN  
Type: D2

| Item Number  | Height (A) | Width (B) | Projection (C) |
|--------------|------------|-----------|----------------|
| H-CGU-1B     | 11"        | 4"        | 8"             |
| H-CGU-10-1B  | 10"        | 10"       | 11 1/2"        |
| H-LCGU-1B    | 13"        | 5"        | 10 3/4"        |
| H-LCGU-14-1B | 13"        | 13"       | 15 1/2"        |

For Wall  
Mount Only

| Fixture No.                                                                                                                              | Fixture Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Glass Color                                                                                                                                                                                                                              | Wattage/Lamp options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ballast                                                                                                                                                               | Voltage                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>H-CGU-1B<sup>(1)</sup></b><br><b>H-CGU-10-1B<sup>(1)</sup></b><br><b>H-LCGU-1B<sup>(1)</sup></b><br><b>H-LCGU-14-1B<sup>(1)</sup></b> | Standard<br><b>91</b> (Black)<br><b>93</b> (White)<br><b>95</b> (Dk. Grn)<br><b>96</b> (Galv.)<br><b>BR47</b> (Rust)<br><b>BK01, GN20.</b><br><br>Upgraded (2)<br>Finishes.<br><b>29, 66, 82, 92,</b><br><b>94, 97, 100, 103,</b><br><b>104, 105, 112,</b><br><b>113, 114, 117,</b><br><b>118, 119, 127,</b><br><b>128, 133, 134,</b><br><b>135, 136, 98,</b><br><b>101, 102, 137,</b><br><b>139, 140, 121,</b><br><b>122, 123, 124,</b><br><b>11, 01, 22, 25,</b><br><b>33, 77, 89, 24,</b><br><b>44, 48, 49.</b><br><br>For finish<br>specs see<br>pages<br>344-348. | <b>CLR</b><br>(Clear)<br><br><b>RIB</b><br>(Clear Ribbed)<br><br><b>FR</b><br>(Frost)<br><br><b>RD</b><br>(Red)<br><br><b>BL</b><br>(Blue)<br><br><b>GRN</b><br>(Green)<br><br><b>AM</b><br>(Amber)<br><br><b>AMC</b><br>(Amber Crackle) | Incandescent <sup>(1)</sup> (4)<br>(Fixture is<br>standard 100W<br>or 200W.<br>Do not specify.)<br><br>CFL <sup>(1)</sup> (4)<br>(Compact<br>Fluorescent)<br><b>13/CFL</b><br><b>18/CFL</b><br><b>26/32/42/CFL</b><br><b>26/CFL</b><br><b>32/CFL</b><br><b>42/CFL</b><br><b>57/CFL</b><br><br><b>DMB</b><br>(Dimmable<br>Ballast for CFL.<br>Add to Part No.)<br><br>HID <sup>(1)</sup><br>(High Intensity<br>Discharge)<br><br>MH <sup>(1)</sup> (4)<br>(Metal Halide)<br><b>35/MH</b><br><b>50/MH</b><br><b>70/MH</b><br><b>100/MH</b><br><b>150/MH</b><br><b>175/MH</b><br><br>HPS <sup>(1)</sup> (4)<br>(High Pressure<br>Sodium)<br><b>50/HPS</b><br><b>70/HPS</b><br><b>100/HPS</b><br><b>150/HPS</b><br><br>LED<br>See LED<br>specification<br>sheet. | Ballast option<br>not available<br>for INC.<br><br><b>RB</b> <sup>(3)</sup><br>(Remote)<br><br><b>BCM</b><br>(Canopy Mount)<br><br>For specs<br>see pages<br>341-343. | Incandescent<br>(Fixture is<br>standard 120V.<br>Do not specify.)<br><br>CFL<br><b>M</b><br>(Multi 120/277V)<br><br>HID<br>RB and BCM<br><b>M</b> (Multi 120/208/<br>240/277V)<br><br>LED<br>See specifications<br>for complete part<br>number. |

H-CGU-1B - 91 - CLR / 13/CFL - BCM - M

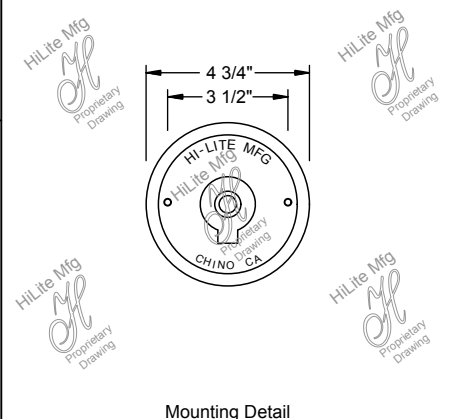
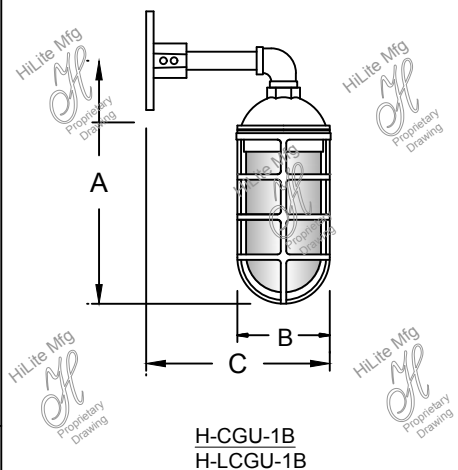
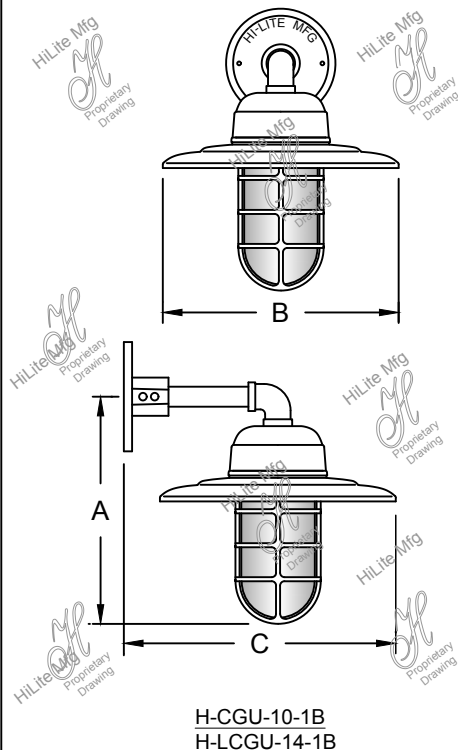
**ORDER EXAMPLE**  
(USE THIS FORMAT TO PLACE ORDER)

#### Notes:

- (1) H-CGU-1B and H-CGU 10-1B available for 100W Max INC, 32W Max CFL and 100W Max HID.  
H-LCGU-1B and H-LGCU-14-1B available for 200W Max INC, 57W Max CFL and 175W Max HID.  
Above fixtures available with WGU wireguard.
- (2) Casting will be painted to match copper or brass finishes.
- (3) (RB) Remote Ballast not available for Fluorescent Lamping.
- (4) Socket Bases: INC and HID are medium base. CFL is GX24Q.

Suitable for wet location.

#### Saucer Vapor Jar Collection





PROJECT NAME:

BOOT BARN

PART #

TYPE:

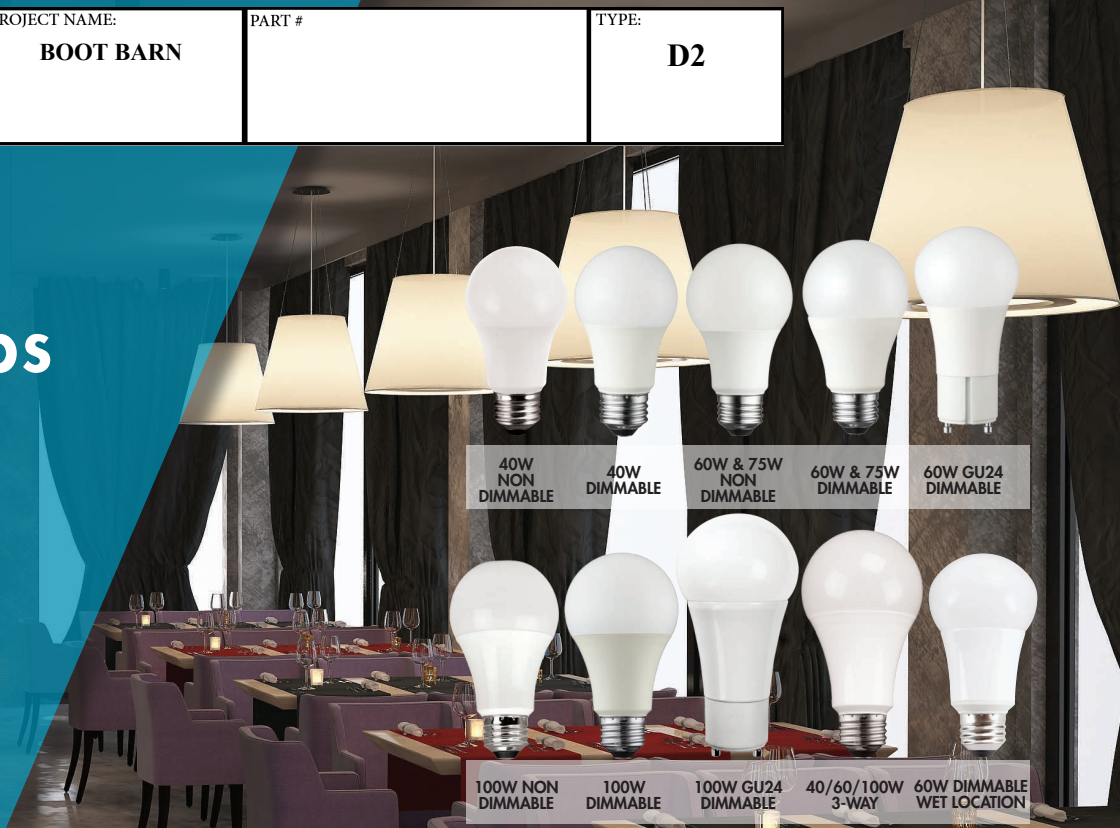
D2

# LED A-Lamps

Omni-directional

All-purpose

3-way



TCP's LED A-Lamps provide the lighting you need at a cost you will love. Advanced factory techniques and rigorous testing ensure each lamp is perfect from day one. Install an LED A-lamp wherever you would a traditional lamp and see the improvement.

## Reasons to choose the LED A-Lamps from TCP

- Use up to 85% less energy than halogen alternatives for instant energy savings
- Long life minimizes replacement and maintenance costs
- Very low heat generation – perfect for sensitive display lighting such as galleries, window displays and general lighting applications
- UL approved for damp locations, can be used in covered indoor and outdoor fixtures
- Excellent color consistency and CRI enhances colors of focal point while maintaining uniformity throughout lighting installation
- Durable polycarbonate material for shatterproof composition lowers the risk of injury and breakage
- ANSI construction compliant; will fit all A-lamp installations
- Dims to  $\leq 10\%$  of full light level when applicable

## Ideal Applications

- General lighting
- Floor lamps
- Ceiling fixtures
- Table lamps
- Sconces
- Post lights

## Specifications

Voltage ..... 120 VAC  
Input Line Frequency..... 50/60HZ  
Lamp Life (Rated) ..... 10,000/15,000/25,000 hours  
Minimum Starting Temp ..... -30°C (-22°F)  
Maximum Operating Temp..... 40°C (104°F)

CRI ..... 80

Suitable for use in totally enclosed fixtures (Vapor tight or jelly jar applications may reduce life)

Do not use more than 2 bulbs in an enclosed fixture. If fixture is manufactured for incandescent bulbs, use no higher than the LED equivalent wattage, as shown on this spec sheet.

TCP®

325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcp.com



1 YEAR  
WARRANTY  
10,000 HOUR LAMPS

3 YEAR  
WARRANTY  
15,000 HOUR LAMPS  
Based on 12 hours  
use per day

5 YEAR  
WARRANTY  
25,000 HOUR LAMPS  
Based on 12 hours  
use per day



# LED A-Lamps

## Specifications

| ITEM #                                                                                 | DESCRIPTION                       | ENERGY<br>STAR | VOLTAGE | WATTS | INCANDESENT<br>WATTS | LPW  | LUMENS | COLOR           | HOURS  | CRI | MOL<br>(IN.) | DIA<br>(IN.) | BASE | WARRANTY<br>YEARS | CASE<br>QTY |
|----------------------------------------------------------------------------------------|-----------------------------------|----------------|---------|-------|----------------------|------|--------|-----------------|--------|-----|--------------|--------------|------|-------------------|-------------|
| <b>6W A19 A-Lamp – Non-Dimmable • 15,000 Hours</b>                                     |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L6A19N1527K                                                                            | LED 6W A19 ND 2700K               | ★              | 120     | 6     | 40                   | 80   | 480    | 2700K           | 15,000 | 80  | 4.0          | 2.2          | E26  | 3                 | 12          |
| L6A19N1530K                                                                            | LED 6W A19 ND 3000K               | ★              | 120     | 6     | 40                   | 80   | 480    | 3000K           | 15,000 | 80  | 4.0          | 2.2          | E26  | 3                 | 12          |
| L6A19N1541K                                                                            | LED 6W A19 ND 4100K               | ★              | 120     | 6     | 40                   | 80   | 480    | 4100K           | 15,000 | 80  | 4.0          | 2.2          | E26  | 3                 | 12          |
| L6A19N1550K                                                                            | LED 6W A19 ND 5000K               | ★              | 120     | 6     | 40                   | 80   | 480    | 5000K           | 15,000 | 80  | 4.0          | 2.2          | E26  | 3                 | 12          |
| <b>6W A19 A-Lamp – Dimmable • 25,000 Hours</b>                                         |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L40A19D2524K                                                                           | LED 6W A19 DIM 2400K              |                | 120     | 6     | 40                   | 62.5 | 375    | 2400K           | 25,000 | 80  | 4.1          | 2.4          | E26  | 5                 | 12          |
| L40A19D2527K                                                                           | LED 6W A19 DIM 2700K              | ★              | 120     | 6     | 40                   | 80   | 480    | 2700K           | 25,000 | 80  | 4.1          | 2.4          | E26  | 5                 | 12          |
| L40A19D2530K                                                                           | LED 6W A19 DIM 3000K              | ★              | 120     | 6     | 40                   | 80   | 480    | 3000K           | 25,000 | 80  | 4.1          | 2.4          | E26  | 5                 | 12          |
| L40A19D2541K                                                                           | LED 6W A19 DIM 4100K              | ★              | 120     | 6     | 40                   | 83.3 | 500    | 4100K           | 25,000 | 80  | 4.1          | 2.4          | E26  | 5                 | 12          |
| L40A19D2550K                                                                           | LED 6W A19 DIM 5000K              | ★              | 120     | 6     | 40                   | 87.5 | 525    | 5000K           | 25,000 | 80  | 4.1          | 2.4          | E26  | 5                 | 12          |
| <b>9.5W A19 A-Lamp – Non-Dimmable • 10,000 Hours</b>                                   |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L9A19N1027K4                                                                           | LED 9.5W A19 ND 2700K 4 PACK      |                | 120     | 9.5   | 60                   | 84.2 | 800    | 2700K           | 10,000 | 80  | 4.3          | 2.4          | E26  | 1                 | 12          |
| L9A19N1030K4                                                                           | LED 9.5W A19 ND 3000K 4 PACK      |                | 120     | 9.5   | 60                   | 84.2 | 800    | 3000K           | 10,000 | 80  | 4.3          | 2.4          | E26  | 1                 | 12          |
| L9A19N1041K4                                                                           | LED 9.5W A19 ND 4100K 4 PACK      |                | 120     | 9.5   | 60                   | 84.2 | 800    | 4100K           | 10,000 | 80  | 4.3          | 2.4          | E26  | 1                 | 12          |
| <b>9W A19 A-Lamp – Non-Dimmable • 15,000 Hours</b>                                     |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L60A19N1527K                                                                           | LED 9W A19 ND 2700K               | ★              | 120     | 9     | 60                   | 88.9 | 800    | 2700K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| L60A19N1530K                                                                           | LED 9W A19 ND 3000K               | ★              | 120     | 9     | 60                   | 88.9 | 800    | 3000K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| L60A19N1541K                                                                           | LED 9W A19 ND 4100K               | ★              | 120     | 9     | 60                   | 94.4 | 850    | 4100K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| L60A19N1550K                                                                           | LED 9W A19 ND 5000K               | ★              | 120     | 9     | 60                   | 94.4 | 850    | 5000K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| <b>9W A19 A-Lamp – Dimmable • 15,000 Hours</b>                                         |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L9A19D1527K                                                                            | LED 9W A19 DIM 2700K              | ★              | 120     | 9     | 60                   | 88.9 | 800    | 2700K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| L9A19D1527K24                                                                          | LED 9W A19 DIM 2700K 24 PACK      | ★              | 120     | 9     | 60                   | 88.9 | 800    | 2700K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | =           |
| L9A19D1530K                                                                            | LED 9W A19 DIM 3000K              | ★              | 120     | 9     | 60                   | 88.9 | 800    | 3000K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| L9A19D1541K                                                                            | LED 9W A19 DIM 4100K              | ★              | 120     | 9     | 60                   | 91.7 | 825    | 4100K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| L9A19D1550K                                                                            | LED 9W A19 DIM 5000K              | ★              | 120     | 9     | 60                   | 91.7 | 825    | 5000K           | 15,000 | 80  | 4.3          | 2.4          | E26  | 3                 | 12          |
| <b>9W A19 A-Lamp – Dimmable • 25,000 Hours</b>                                         |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L9A19D2524K                                                                            | LED 9W A19 DIM 2400K              |                | 120     | 9     | 60                   | 77.7 | 700    | 2400K           | 25,000 | 80  | 4.3          | 2.4          | E26  | 5                 | 12          |
| L9A19D2527K                                                                            | LED 9W A19 DIM 2700K              | ★              | 120     | 9     | 60                   | 88.9 | 800    | 2700K           | 25,000 | 80  | 4.3          | 2.4          | E26  | 5                 | 12          |
| L9A19D2530K                                                                            | LED 9W A19 DIM 3000K              | ★              | 120     | 9     | 60                   | 88.9 | 800    | 3000K           | 25,000 | 80  | 4.3          | 2.4          | E26  | 5                 | 12          |
| L9A19D2535K                                                                            | LED 9W A19 DIM 3500K              |                | 120     | 9     | 60                   | 88.9 | 800    | 3500K           | 25,000 | 80  | 4.3          | 2.4          | E26  | 5                 | 12          |
| L9A19D2541K                                                                            | LED 9W A19 DIM 4100K              | ★              | 120     | 9     | 60                   | 91.7 | 825    | 4100K           | 25,000 | 80  | 4.3          | 2.4          | E26  | 5                 | 12          |
| L9A19D2550K                                                                            | LED 9W A19 DIM 5000K              | ★              | 120     | 9     | 60                   | 91.7 | 825    | 5000K           | 25,000 | 80  | 4.3          | 2.4          | E26  | 5                 | 12          |
| <b>9W A19 A-Lamp – Allusion Dimmable • 25,000 Hours</b>                                |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L9A19DA                                                                                | LED 9W A19 2000K - 2700K ALLUSION |                | 120     | 9     | 60                   | 72.2 | 650    | 2000K-<br>2700K | 25,000 | 80  | 4.6          | 2.4          | E26  | 5                 | 12          |
| <b>9.5W A19 Omni-Directional A-Lamp GU24 – Dimmable • 25,000 Hours • PHASING OUT •</b> |                                   |                |         |       |                      |      |        |                 |        |     |              |              |      |                   |             |
| L10A19GUDOD27K                                                                         | LED 9.5W A19 DIM OMNI 27K GU24    |                | 120     | 9.5   | 60                   | 84.2 | 800    | 2700K           | 25,000 | 80  | 4.4          | 2.4          | GU24 | 5                 | 12          |
| L10A19GUDOD30K                                                                         | LED 9.5W A19 DIM OMNI 30K GU24    |                | 120     | 9.5   | 60                   | 89.5 | 850    | 3000K           | 25,000 | 80  | 4.4          | 2.4          | GU24 | 5                 | 12          |
| L10A19GUDOD41K                                                                         | LED 9.5W A19 DIM OMNI 41K GU24    |                | 120     | 9.5   | 60                   | 89.5 | 850    | 4100K           | 25,000 | 80  | 4.4          | 2.4          | GU24 | 5                 | 12          |



Project: BOOT BARN

Fixture Type: E1, E1E

# 6" TC 1400 LUMEN LED DOWNLIGHT NEW CONSTRUCTION

TC22LED (G4 14LM) RECESSED HOUSING



OPEN TRIMS

## PRODUCT DESCRIPTION

Dedicated LED new construction housing with integral light engine • Shallow housing allows for fit in 2 x 6 construction • TC housing design for use in non-insulated areas • If installed where insulation is present, the insulation must be pulled back 3" from all sides of the TC housing • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims • 5 year limited warranty on LED components.

## ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- No harmful ultraviolet or infrared wavelengths
- No lead or mercury
- Comparable light output to 32W compact fluorescent while consuming 20W\*

## PRODUCT SPECIFICATIONS

**LED Light Engine** LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED • Replaceable light engine mounts directly to housing and incorporates the latest generation, high lumen output LED array • LEDs are binned within a 3-Step MacAdam Ellipse exceeding ENERGY STAR® requirements yielding superior fixture to fixture color uniformity • 2700K, 3000K, 3500K or 4000K color temperatures available • 90 CRI minimum.

**Optical System** Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance • Deep regression of lens produces a low glare, efficient system that can produce over 1400 lumens with select trims using less than 17W\* • Wide flood (>70°) distribution shipped as standard with optional optic accessories available and sold separately.

**Aesthetic Trim Selections** Compatible with wide selection of existing Juno trims • Shadow free, knife edge design blends seamlessly into ceiling.

**LED Driver** Universal voltage drivers that accommodate input voltage from 120-277 volts AC at 50/60Hz are available and dimmable with the use of most 0-10V dimmers • Power factor > 0.9 at 120V input • Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz • Mounted between the j-box and housing for easy access and cool operation • For a list of compatible dimmers, see [JUNOTCLED-DIM](#).

**Emergency Battery Option** Battery factory assembled to housing with remote mounted test switch included • Drives LED array for 90 minutes to meet Life Safety Code (NFPA-150), National Electrical Code (NEC) and UL requirements • Provides 40% light output in emergency mode.

**Life** Rated for 50,000 hours at 70% lumen maintenance.

**Labels** ENERGY STAR® Certified when used with select baffle and cone trims • UL listed for U.S. and Canada through-branch wiring, damp locations • Union made • UL and cUL listed.

**Testing** All reports are based on published industry procedures; field performance may differ from laboratory performance.

Specifications subject to change without notice.

## HOUSING FEATURES

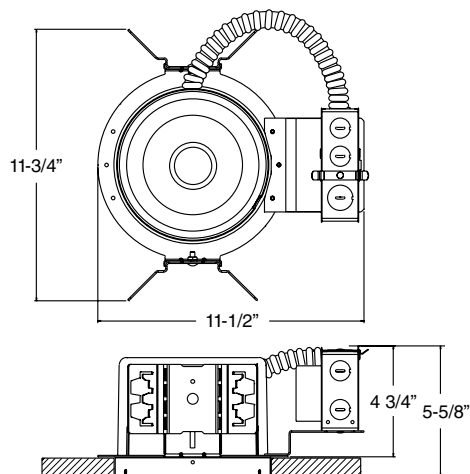
**Housing** Designed for use in TC applications (non-insulated) • Aluminum housing • Housing is vertically adjustable to accommodate up to a 2" ceiling thickness.

**Junction Box** Pre-wired junction box provided with (5) 1/2" and (1) 3/4" knockouts and ground wire, UL listed and cUL listed for through-branch wiring, maximum 8 No. 12 AWG 90° C branch circuit conductors (4 in, 4 out) • Junction box provided with removable access plates • Knockouts equipped with pryout slots.

**Mounting Frame** 16-gauge galvanized steel mounting ring equipped with vertically adjustable mounting brackets that accept 1/2" conduit or "C" channels (HB26 or HB50), linear flat bars (LB27) or Patented (US Patent D552,969) Real Nail® 3 bar hangers (HB1).

\*Nominal input wattage with universal voltage driver under stable operating conditions

## DIMENSIONS



6 7/8" CEILING CUTOUT

## ELECTRICAL DATA

### STANDARD UNIVERSAL VOLTAGE DRIVER (MVOLT EZ10, MVOLT ZT10, MVOLT EZ1 and MVOLT ZT1)

|                       | 120V                                             | 277V                                             |
|-----------------------|--------------------------------------------------|--------------------------------------------------|
| Input Power           | 15.6W (+/-5%)                                    | 16.3W (+/-5%)                                    |
| Input Current - Max   | 0.13A                                            | 0.06A                                            |
| Frequency             | 50/60Hz                                          | 50/60Hz                                          |
| EMI/RFI               | FCC Title 47 CFR, Part 15, Class B (residential) | FCC Title 47 CFR, Part 15, Class B (residential) |
| Minimum starting temp | -20°C (-40°F)                                    | -20°C (-40°F)                                    |

### UNIVERSAL VOLTAGE DRIVER WITH EMERGENCY OPTION (MVOLT ZT10 BR, EZ10 BR, ZT1 BR and EZ1 BR)

|                       | 120V                                            | 277V                                            |
|-----------------------|-------------------------------------------------|-------------------------------------------------|
| Input Power           | 18.4W (+/-5%)                                   | 19.1W (+/-5%)                                   |
| Input Current - Max   | 0.16A                                           | 0.07A                                           |
| Frequency             | 50/60Hz                                         | 50/60Hz                                         |
| EMI/RFI               | FCC Title 47 CFR, Part 15, Class A (Commercial) | FCC Title 47 CFR, Part 15, Class A (Commercial) |
| Minimum starting temp | 0°C (32°F)                                      | 0°C (32°F)                                      |

### LUTRON HI-LUME® LED DRIVER (MVOLT ECOD)

|                       | 120V                                            | 277V                                            |
|-----------------------|-------------------------------------------------|-------------------------------------------------|
| Input Power           | 17.2W (+/-5%)                                   | 17.4W (+/-5%)                                   |
| Input Current - Max   | 0.14A                                           | 0.07A                                           |
| Frequency             | 50/60Hz                                         | 50/60Hz                                         |
| EMI/RFI               | FCC Title 47 CFR, Part 15, Class A (Commercial) | FCC Title 47 CFR, Part 15, Class A (Commercial) |
| Minimum starting temp | 0°C (32°F)                                      | 0°C (32°F)                                      |

# 6" TC 1400 LUMEN LED DOWNLIGHT NEW CONSTRUCTION

TC22LED (G4 14LM) RECESSED HOUSING

## OPEN TRIMS

**ORDERING INFORMATION** Housing and trim can be ordered together or separate, but will always ship separately.

Example: TC22LED G4 14LM 27K 90CRI MVOLT ZT BR

| Series                                               | Generation             | Lumens                          | Color Temperature                                                            | CRI                  | Voltage/Driver                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------|------------------------|---------------------------------|------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TC22LED</b> 6" LED Downlight Non-IC Rated Housing | <b>G4</b> Generation 4 | <b>14LM</b> 1400 Nominal Lumens | <b>27K</b> 2700K<br><b>30K</b> 3000K<br><b>35K</b> 3500K<br><b>40K</b> 4000K | <b>90CRI</b> 90+ CRI | <b>MVOLT ZT10</b> Multi-Volt (120-277), 0-10V, 10% dim<br><b>MVOLT ZT1</b> Multi-Volt (120-277), 0-10V, 1% dim<br><b>MVOLT EZ10</b> Multi-Volt (120-277), eidoLED 0-10V, 10% dim<br><b>MVOLT EZ1</b> Multi-Volt (120-277), eidoLED 0-10V, 1% dim<br><b>MVOLT ECOD</b> † Multi-Volt (120-277), Lutron Hi-Lume EcoSystem, 1% Dimming |

| Emergency Battery             | Territory                |
|-------------------------------|--------------------------|
| <b>BR</b> † Emergency Battery | <b>CP</b> Chicago Plenum |

†: MVOLT ECOD and BR Emergency Battery not ENERGY STAR® certified  
 Note: Chicago Plenum (CP) is not available with emergency option (BR)  
 Note: Lutron driver (MVOLT ECOD) is not available with emergency battery pack (BR)



A+ Capable options indicated by this color background

### Trim/Description

|  |                  |                                                                         |
|--|------------------|-------------------------------------------------------------------------|
|  | <b>24 WWH</b>    | 6" Downlight Tapered Baffle Trim - White Baffle, White Trim Ring        |
|  | <b>24 BWH</b> ¹  | 6" Downlight Tapered Baffle Trim - Black Baffle, White Trim Ring        |
|  | <b>24 BSC</b> ¹  | 6" Downlight Tapered Baffle Trim - Black Baffle, Satin Chrome Trim Ring |
|  | <b>24 BBR</b> ¹  | 6" Downlight Tapered Baffle Trim - Black Baffle, Bronze Trim Ring       |
|  | <b>24 BBL</b> ¹  | 6" Downlight Tapered Baffle Trim - Black Baffle, Black Trim Ring        |
|  | <b>27 BWH</b> ¹  | 6" Downlight Tapered Cone Trim - Black Cone, White Trim Ring            |
|  | <b>27 CWH</b>    | 6" Downlight Tapered Cone Trim - Clear Alzak® Cone, White Ring          |
|  | <b>27 GWH</b>    | 6" Downlight Tapered Cone Trim - Gold Cone, White Trim Ring             |
|  | <b>27 HZWH</b>   | 6" Downlight Tapered Cone Trim - Haze Cone, White Trim Ring             |
|  | <b>27 PTSC</b>   | 6" Downlight Tapered Cone Trim - Pewter Cone, Satin Chrome Trim Ring    |
|  | <b>27 WHZBRZ</b> | 6" Downlight Tapered Cone Trim - Wheat Haze Cone, Bronze Trim Ring      |
|  | <b>27 WHZWH</b>  | 6" Downlight Tapered Cone Trim - Wheat Haze Cone, White Trim Ring       |
|  | <b>27 WWH</b>    | 6" Downlight Tapered Cone Trim - White Cone, White Trim Ring            |
|  | <b>9024 WWH</b>  | 6" Decorative Octagonal Trim - White, White Trim Ring                   |
|  | <b>9324 SC</b>   | 6" Decorative Luminous Frosted Disc Trim - Satin Chrome                 |
|  | <b>9524 SC</b>   | 6" Decorative Metal Band Trim - Satin Chrome                            |
|  | <b>9702</b>      | 6" Decorative Luminous Frosted Collar Trim - Luminous Collar (Frosted)  |

### Accessories (ordered separately)

| Catalog Number        | Description                                |
|-----------------------|--------------------------------------------|
| <b>HB1</b>            | Two 13 1/2" - 25" Real Nail® 3 bar hangers |
| <b>HB26</b>           | Two 26" C-channel bar hangers              |
| <b>HB50</b>           | Two 50" C-channel bar hangers              |
| <b>LB27</b>           | Two 27" linear bar hangers                 |
| <b>LEDOPTICG3 MFL</b> | Medium Flood Optic (50")                   |
| <b>LEDOPTICG3 NFL</b> | Narrow Flood Optic (37")                   |
| <b>LEDOPTICG3 SP</b>  | Spot Optic (10")                           |
| <b>TR6 BRZ</b> ²      | 6" Trim Ring - Bronze                      |
| <b>TR6 BL</b> ²       | 6" Trim Ring - Black                       |
| <b>TR6 SC</b> ²       | 6" Trim Ring - Satin Chrome                |
| <b>TR6 WH</b> ²       | 6" Trim Ring - White                       |

Trim Size: 24, 27, 9324, 9524 - 7 5/8" O.D.; 9702 - 7 3/4" O.D.; 9024 - 8" O.D.

Alzak is a registered trademark of Alcoa Corp.

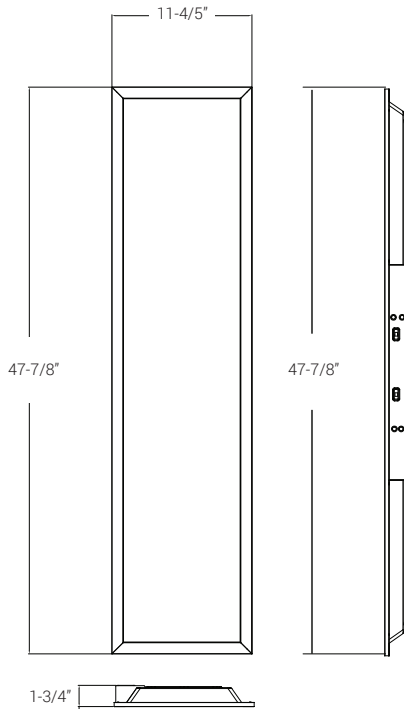
Note: In Canada when insulation is present, Type IC fixtures must be used.

Notes: ¹ Not ENERGY STAR® Certified.

² Trim ring compatible with 24 and 27 trims.



EASY 3 COLORS  
**SELECTOR**  
3500K • 4000K • 5000K



| 2000/3000/4000 |                  |         |
|----------------|------------------|---------|
| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
| 4000           | 4446             | 37W     |
| 3000           | 3544             | 28W     |
| 2000           | 2518             | 19W     |

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

| 4000/5000/6000 |                  |         |
|----------------|------------------|---------|
| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
| 6000           | 6029             | 52W     |
| 5000           | 5180             | 43W     |
| 4000           | 4030             | 32W     |

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

### FEATURES

The clean design of the FPL-BL provides a modern alternative to traditional fluorescent troffers. Available in 1x4, 2x2, and 2x4. Backlit design delivers unmatched uniform light distribution. Easily adjust brightness level (multi-lumen) and color options (multi-CCT) in the field with multi-lumen and multi-CCT selectors. Perfect for offices, schools, healthcare, hospital, retail, among other applications.

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| LUMENS            | 2000/ 3000/ 4000<br>4000/ 5000/ 6000                                                |
| CCT               | 35K/ 40K/ 50K<br>30K/ 35K/ 40K<br>30K/35K/40K/50K ( Only for 2000/3000/4000L Lumen) |
| CRI               | 85+                                                                                 |
| COLOR QUALITY     | 3 Step MacAdam Ellipse                                                              |
| SIZE              | 2'x4', 2'x2', 1'x4'                                                                 |
| MOUNTING          | Recessed, Suspended, Surface Mount                                                  |
| DIMMING & CONTROL | 0-10V Flicker Free 10% Dimming Standard (DIM10)                                     |
| EMERGENCY         | 10W - Up to 1000L output (Bodine BSL310)<br>20W - Up to 2000L output (Bodine BSL20) |
| LIFETIME          | L70 at 60,000 Hours                                                                 |
| PHOTOMETRIC TESTS | In Accordance with IES LM79-08, LM80 and TM-30, TM-21                               |



#### MAINTENANCE

The driver is removable and upgradable even after installation. Luminaire can be regularly and safely wiped down for peak performance.

#### OPTICAL SYSTEM

Backlit design provides exceptional light distribution. Illumination is spread across the entire surface of the panel, emitting soft, even light. A 110-degree beam angle ensures clear, shadow-free light.

#### CONSTRUCTION

20-gauge cold rolled steel body, post-painted for durability. White finish standard. All corners are rounded for safe handling. Multiple wiring entrances allow for easy access.

#### MOUNTING

Easy to install. Mounting hardware included. Accommodates lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling widths. Four corner tie points and built-in earthquake clips come standard. Options for flange kits, surface mounted kits, and more. SMK required if suspending the fixture.

#### OPTIONS

Luminaires can be shipped pre-installed with whips, modular wiring systems.

#### DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V, produce less than 20% THD, and have a power factor of .90 to 1.00.

#### DIMMING & DRIVER INFORMATION

**DIM10** - Flicker Free 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V and 347V

#### WARRANTY

Five-year warranty for parts and components. (Labor not included)

#### LISTINGS

c-UL-us - Listed for Feed Through Wiring.

Can be used to comply with Title 24, non residential lighting requirements.

Damp location rated.

For DesignLights Consortium® (DLC) qualified products please visit [www.designlights.org](http://www.designlights.org). Not all family members will be listed for DLC Premium or DLC Standard.

### Example: 14-FPL-BL-LED-2000L/3000L/4000L-DIM10-MVOLT-35K/40K/50K-85

| 14           | FPL-BL                          | LED  |                                        |                       |               |                                                                                     |     | TYPE F1-EM ONLY                |                                                                                                          |
|--------------|---------------------------------|------|----------------------------------------|-----------------------|---------------|-------------------------------------------------------------------------------------|-----|--------------------------------|----------------------------------------------------------------------------------------------------------|
| FIXTURE SIZE | SERIES                          | TYPE | LUMENS                                 | DIMMING               | VOLTAGE       | CCT                                                                                 | CRI | EMERGENCY                      | OTHER OPTIONS                                                                                            |
| 14 - 1' X 4' | FPL-BL - LED Flat Panel Backlit | LED  | 2000L/3000L/4000L<br>4000L/5000L/6000L | DIM10 - 0-10V Dimming | MVOLT<br>347V | 35K/40K/50K<br>30K/35K/40K<br>*30K/35K/40K/50K<br>*2000/3000/4000 lumen output Only | 85  | 0-EMG-LED-10W<br>0-EMG-LED-20W | 14FK - 1'x4' Flange Kit<br>14-FPL1-LED-SMK - 1'x4' Surface Mount Kit<br>USA - Made in America Compliance |

## 14-FPL-BL-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(2000L)

TEST NO.: **EL05212053**

INPUT WATTS: **19.5**

LUMENS: **2518**

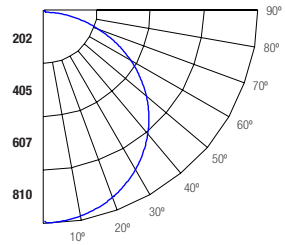
CRI: **N/A**

EFFICACY: **129**

CCT: **3500K**

SPACING CRITERIA: **1.42**

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 295.23  | 11.70 | 11.70 |
| 0-30 | 631.52  | 25.10 | 25.10 |
| 0-40 | 1044.53 | 41.50 | 41.50 |
| 0-60 | 1892.21 | 75.10 | 75.10 |
| 0-80 | 2420.84 | 96.10 | 96.10 |
| 0-90 | 2493.34 | 99.00 | 99.00 |

### Luminance (Average candela/M<sup>2</sup>)

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 2135       | 2161        | 2202        |
| 55               | 2099       | 2137        | 2199        |
| 65               | 2023       | 2081        | 2171        |
| 75               | 1889       | 1976        | 2107        |
| 85               | 1802       | 1958        | 2221        |

### Lumens Per Zone

| Zone  | Lumens |
|-------|--------|
| 0-10  | 76.06  |
| 10-20 | 219.16 |
| 20-30 | 336.30 |
| 30-40 | 413.00 |
| 40-50 | 438.85 |
| 50-60 | 408.82 |
| 60-70 | 325.43 |
| 70-80 | 203.20 |
| 80-90 | 72.50  |

### Candela Tabulation

| 0    |         |
|------|---------|
| 0.0  | 803.349 |
| 5.0  | 805.930 |
| 15.0 | 779.010 |
| 25.0 | 729.240 |
| 35.0 | 655.950 |
| 45.0 | 561.650 |
| 55.0 | 447.850 |
| 65.0 | 317.990 |
| 75.0 | 181.820 |
| 85.0 | 58.430  |
| 90.0 | 10.400  |

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC<br>RW | 80% |     |     |     | 70% |     |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0% |
|-------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                   |          | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |    |
| 0                 | 119      | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1                 | 108      | 103 | 98  | 94  | 94  | 105 | 100 | 96  | 92  | 96  | 92  | 89  | 92  | 89  | 86  | 88  | 86  | 84  | 81 |
| 2                 | 98       | 89  | 82  | 76  | 76  | 95  | 87  | 80  | 75  | 83  | 78  | 73  | 80  | 75  | 71  | 76  | 73  | 69  | 67 |
| 3                 | 89       | 78  | 69  | 62  | 62  | 86  | 76  | 68  | 62  | 73  | 66  | 61  | 70  | 64  | 59  | 67  | 62  | 58  | 56 |
| 4                 | 81       | 69  | 59  | 53  | 53  | 79  | 67  | 59  | 52  | 64  | 57  | 51  | 62  | 56  | 50  | 60  | 54  | 50  | 47 |
| 5                 | 74       | 61  | 52  | 45  | 45  | 72  | 60  | 51  | 45  | 58  | 50  | 44  | 55  | 49  | 43  | 54  | 48  | 43  | 41 |
| 6                 | 69       | 55  | 46  | 39  | 39  | 67  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 38  | 35 |
| 7                 | 63       | 50  | 41  | 34  | 34  | 62  | 49  | 40  | 34  | 47  | 39  | 34  | 46  | 39  | 34  | 44  | 38  | 33  | 31 |
| 8                 | 59       | 45  | 37  | 31  | 31  | 57  | 44  | 36  | 30  | 43  | 36  | 30  | 42  | 35  | 30  | 40  | 34  | 30  | 28 |
| 9                 | 55       | 41  | 33  | 27  | 27  | 54  | 41  | 33  | 27  | 40  | 32  | 27  | 38  | 32  | 27  | 37  | 31  | 27  | 25 |
| 10                | 52       | 38  | 30  | 25  | 25  | 50  | 38  | 30  | 25  | 37  | 29  | 25  | 36  | 29  | 24  | 35  | 29  | 24  | 22 |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

## 14-FPL-BL-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(3000L)

TEST NO.: **EL05212054**

INPUT WATTS: **28.6**

LUMENS: **3544**

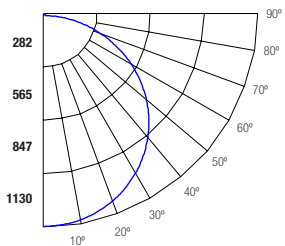
CRI: **N/A**

EFFICACY: **124**

CCT: **3500K**

SPACING CRITERIA: **1.42**

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 412.89  | 11.60 | 11.60 |
| 0-30 | 883.24  | 24.90 | 24.90 |
| 0-40 | 1461.23 | 41.20 | 41.20 |
| 0-60 | 2657.15 | 75.00 | 75.00 |
| 0-80 | 3405.63 | 96.10 | 96.10 |
| 0-90 | 3508.52 | 99.00 | 99.00 |

### Luminance (Average candela/M<sup>2</sup>)

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 3079       | 3060        | 3009        |
| 55               | 3079       | 3051        | 2979        |
| 65               | 3039       | 3001        | 2903        |
| 75               | 2992       | 2946        | 2800        |
| 85               | 3149       | 3087        | 2797        |

### Lumens Per Zone

| Zone  | Lumens |
|-------|--------|
| 0-10  | 106.37 |
| 10-20 | 306.51 |
| 20-30 | 470.35 |
| 30-40 | 578.00 |
| 40-50 | 618.99 |
| 50-60 | 576.92 |
| 60-70 | 459.68 |
| 70-80 | 288.80 |
| 80-90 | 102.89 |

### Candela Tabulation

| 0    |          |
|------|----------|
| 0.0  | 1122.918 |
| 5.0  | 1120.680 |
| 15.0 | 1090.240 |
| 25.0 | 1027.520 |
| 35.0 | 934.690  |
| 45.0 | 809.920  |
| 55.0 | 656.960  |
| 65.0 | 477.700  |
| 75.0 | 288.000  |
| 85.0 | 102.070  |
| 90.0 | 24.120   |

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC<br>RW | 80% |     |     |     | 70% |     |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0% |
|-------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                   |          | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |    |
| 0                 | 119      | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1                 | 108      | 103 | 98  | 94  | 94  | 105 | 100 | 96  | 92  | 96  | 92  | 89  | 92  | 89  | 86  | 88  | 86  | 83  | 81 |
| 2                 | 98       | 89  | 82  | 76  | 76  | 95  | 87  | 80  | 75  | 83  | 77  | 73  | 80  | 75  | 71  | 76  | 73  | 69  | 67 |
| 3                 | 89       | 78  | 69  | 62  | 62  | 86  | 76  | 68  | 62  | 73  | 66  | 60  | 70  | 64  | 59  | 67  | 62  | 58  | 56 |
| 4                 | 81       | 68  | 59  | 52  | 52  | 78  | 67  | 59  | 52  | 64  | 57  | 51  | 62  | 55  | 50  | 60  | 54  | 49  | 47 |
| 5                 | 74       | 61  | 52  | 45  | 45  | 72  | 60  | 51  | 45  | 57  | 50  | 44  | 55  | 49  | 43  | 53  | 47  | 43  | 41 |
| 6                 | 68       | 55  | 46  | 39  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35 |
| 7                 | 63       | 50  | 41  | 34  | 34  | 62  | 49  | 40  | 34  | 47  | 39  | 34  | 45  | 39  | 33  | 44  | 38  | 33  | 31 |
| 8                 | 59       | 45  | 36  | 30  | 30  | 57  | 44  | 36  | 30  | 43  | 35  | 30  | 42  | 35  | 30  | 40  | 34  | 30  | 28 |
| 9                 | 55       | 41  | 33  | 27  | 27  | 54  | 41  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 37  | 31  | 27  | 25 |
| 10                | 52       | 38  | 30  | 25  | 25  | 50  | 38  | 30  | 25  | 36  | 29  | 24  | 35  | 29  | 24  | 34  | 28  | 24  | 22 |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

## 14-FPL-BL-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

TEST NO.: **EL05212055**

INPUT WATTS: **37.6**

LUMENS: **4446**

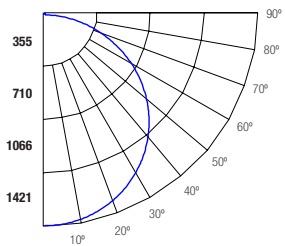
CRI: **N/A**

EFFICACY: **118**

CCT: **3500K**

SPACING CRITERIA: **1.42**

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 518.92  | 11.70 | 11.70 |
| 0-30 | 1110.06 | 25.00 | 25.00 |
| 0-40 | 1836.14 | 41.30 | 41.30 |
| 0-60 | 3331.78 | 74.90 | 74.90 |
| 0-80 | 4271.49 | 96.10 | 96.10 |
| 0-90 | 4400.83 | 99.00 | 99.00 |

### Luminance (Average candela/M<sup>2</sup>)

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 3874       | 3845        | 3781        |
| 55               | 3876       | 3835        | 3744        |
| 65               | 3819       | 3774        | 3648        |
| 75               | 3747       | 3703        | 3516        |
| 85               | 3938       | 3879        | 3521        |

### Lumens Per Zone

| Zone  | Lumens |
|-------|--------|
| 0-10  | 133.70 |
| 10-20 | 385.22 |
| 20-30 | 591.14 |
| 30-40 | 726.08 |
| 40-50 | 771.67 |
| 50-60 | 723.97 |
| 60-70 | 577.59 |
| 70-80 | 362.13 |
| 80-90 | 129.33 |

### Candela Tabulation

| 0    |         |
|------|---------|
| 0.0  | 1411.47 |
| 5.0  | 1409.09 |
| 15.0 | 1370.45 |
| 25.0 | 1292.69 |
| 35.0 | 1175.56 |
| 45.0 | 1018.98 |
| 55.0 | 826.93  |
| 65.0 | 600.30  |
| 75.0 | 360.73  |
| 85.0 | 127.65  |
| 90.0 | 30.56   |

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC | 80% |     |     |     | 70% |     |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0% |
|-------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                   | RW | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
|                   | 0  | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
|                   | 1  | 108 | 103 | 98  | 94  | 105 | 100 | 96  | 92  | 96  | 92  | 89  | 92  | 89  | 86  | 88  | 86  | 83  | 81 |
|                   | 2  | 98  | 89  | 82  | 76  | 95  | 87  | 80  | 75  | 83  | 77  | 73  | 80  | 75  | 71  | 76  | 73  | 69  | 67 |
|                   | 3  | 89  | 78  | 69  | 62  | 86  | 76  | 68  | 62  | 73  | 66  | 60  | 70  | 64  | 59  | 67  | 62  | 58  | 56 |
|                   | 4  | 81  | 68  | 59  | 52  | 78  | 67  | 59  | 52  | 64  | 57  | 51  | 62  | 55  | 50  | 60  | 54  | 49  | 47 |
|                   | 5  | 74  | 61  | 52  | 45  | 72  | 60  | 51  | 45  | 57  | 50  | 44  | 55  | 49  | 43  | 53  | 48  | 43  | 41 |
|                   | 6  | 68  | 55  | 46  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35 |
|                   | 7  | 63  | 50  | 41  | 34  | 62  | 49  | 40  | 34  | 47  | 39  | 34  | 45  | 39  | 33  | 44  | 38  | 33  | 31 |
| 8                 | 59 | 45  | 36  | 30  | 57  | 44  | 36  | 30  | 43  | 35  | 30  | 42  | 35  | 30  | 40  | 34  | 30  | 28  |    |
| 9                 | 55 | 41  | 33  | 27  | 54  | 41  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 37  | 31  | 27  | 25  |    |
| 10                | 52 | 38  | 30  | 25  | 50  | 38  | 30  | 25  | 36  | 29  | 24  | 35  | 29  | 24  | 34  | 28  | 24  | 22  |    |

## 14-FPL-BL-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(4000L)

TEST NO.: **EL10052021**

INPUT WATTS: **32.9**

LUMENS: **4030**

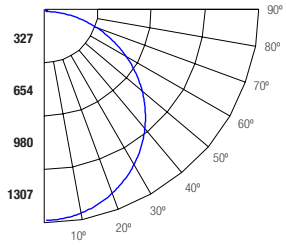
CRI: **N/A**

EFFICACY: **123**

CCT: **3500K**

SPACING CRITERIA: **1.42**

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 475.33  | 11.80 | 11.80 |
| 0-30 | 1015.44 | 25.20 | 25.20 |
| 0-40 | 1676.87 | 41.60 | 41.60 |
| 0-60 | 3034.39 | 75.30 | 75.30 |
| 0-80 | 3878.53 | 96.20 | 96.20 |
| 0-90 | 3990.81 | 99.00 | 99.00 |

### Luminance (Average candela/M<sup>2</sup>)

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 3490       | 3408        | 3351        |
| 55               | 3453       | 3341        | 3275        |
| 65               | 3362       | 3218        | 3132        |
| 75               | 3221       | 3027        | 2921        |
| 85               | 3013       | 2684        | 2607        |

### Lumens Per Zone

| Zone  | Lumens |
|-------|--------|
| 0-10  | 122.55 |
| 10-20 | 352.78 |
| 20-30 | 540.11 |
| 30-40 | 661.43 |
| 40-50 | 702.46 |
| 50-60 | 655.06 |
| 60-70 | 519.41 |
| 70-80 | 324.73 |
| 80-90 | 112.28 |

### Candela Tabulation

| 0    |          |
|------|----------|
| 0.0  | 1294.258 |
| 5.0  | 1291.200 |
| 15.0 | 1254.060 |
| 25.0 | 1178.620 |
| 35.0 | 1066.140 |
| 45.0 | 917.990  |
| 55.0 | 736.610  |
| 65.0 | 528.550  |
| 75.0 | 310.130  |
| 85.0 | 97.680   |
| 90.0 | 9.990    |

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC<br>RW | 80% |     |     |     | 70% |     |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0% |
|-------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                   |          | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |    |
| 0                 | 119      | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1                 | 108      | 103 | 98  | 94  | 94  | 105 | 100 | 96  | 92  | 96  | 92  | 89  | 92  | 89  | 86  | 88  | 86  | 84  | 81 |
| 2                 | 98       | 89  | 82  | 76  | 76  | 95  | 87  | 80  | 75  | 83  | 78  | 73  | 80  | 75  | 71  | 77  | 73  | 69  | 67 |
| 3                 | 89       | 78  | 69  | 63  | 63  | 86  | 76  | 68  | 62  | 73  | 66  | 61  | 70  | 64  | 59  | 67  | 62  | 58  | 56 |
| 4                 | 81       | 69  | 60  | 53  | 53  | 79  | 67  | 59  | 52  | 65  | 57  | 51  | 62  | 56  | 51  | 60  | 54  | 50  | 47 |
| 5                 | 74       | 61  | 52  | 45  | 45  | 72  | 60  | 51  | 45  | 58  | 50  | 44  | 56  | 49  | 44  | 54  | 48  | 43  | 41 |
| 6                 | 69       | 55  | 46  | 39  | 39  | 67  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 38  | 36 |
| 7                 | 64       | 50  | 41  | 34  | 34  | 62  | 49  | 40  | 34  | 47  | 40  | 34  | 46  | 39  | 34  | 44  | 38  | 33  | 31 |
| 8                 | 59       | 45  | 37  | 31  | 31  | 57  | 45  | 36  | 31  | 43  | 36  | 30  | 42  | 35  | 30  | 41  | 34  | 30  | 28 |
| 9                 | 55       | 42  | 33  | 27  | 27  | 54  | 41  | 33  | 27  | 40  | 32  | 27  | 38  | 32  | 27  | 37  | 31  | 27  | 25 |
| 10                | 52       | 38  | 30  | 25  | 25  | 50  | 38  | 30  | 25  | 37  | 30  | 25  | 36  | 29  | 24  | 35  | 29  | 24  | 23 |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

## 14-FPL-BL-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(5000L)

TEST NO.: **EL10052023**

INPUT WATTS: **43.8**

LUMENS: **5188**

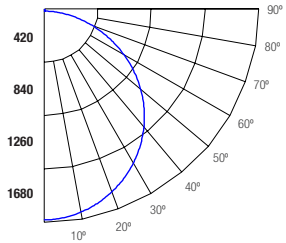
CRI: **N/A**

EFFICACY: **118**

CCT: **3500K**

SPACING CRITERIA: **1.42**

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 612.91  | 11.80 | 11.80 |
| 0-30 | 1309.37 | 25.20 | 25.20 |
| 0-40 | 2162.12 | 41.70 | 41.70 |
| 0-60 | 3904.4  | 75.30 | 75.30 |
| 0-80 | 4991.7  | 96.20 | 96.20 |
| 0-90 | 5136.44 | 99.00 | 99.00 |

### Luminance (Average candela/M<sup>2</sup>)

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 4500       | 4394        | 4323        |
| 55               | 4452       | 4314        | 4222        |
| 65               | 4331       | 4143        | 4033        |
| 75               | 4117       | 3888        | 3757        |
| 85               | 3881       | 3454        | 3363        |

### Lumens Per Zone

| Zone  | Lumens |
|-------|--------|
| 0-10  | 158.04 |
| 10-20 | 454.87 |
| 20-30 | 696.47 |
| 30-40 | 852.75 |
| 40-50 | 902.70 |
| 50-60 | 839.58 |
| 60-70 | 669.70 |
| 70-80 | 417.60 |
| 80-90 | 144.74 |

### Candela Tabulation

| 0    |          |
|------|----------|
| 0.0  | 1668.922 |
| 5.0  | 1664.420 |
| 15.0 | 1617.070 |
| 25.0 | 1518.530 |
| 35.0 | 1372.330 |
| 45.0 | 1183.690 |
| 55.0 | 949.770  |
| 65.0 | 680.820  |
| 75.0 | 396.320  |
| 85.0 | 125.810  |
| 90.0 | 14.590   |

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC<br>RW | 80% |     |     |     | 70% |     |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0% |
|-------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                   |          | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |    |
| 0                 | 119      | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1                 | 108      | 103 | 98  | 94  | 94  | 105 | 100 | 96  | 92  | 96  | 92  | 89  | 92  | 89  | 86  | 88  | 86  | 84  | 81 |
| 2                 | 98       | 89  | 82  | 76  | 76  | 95  | 87  | 80  | 75  | 83  | 78  | 73  | 80  | 75  | 71  | 77  | 73  | 69  | 67 |
| 3                 | 89       | 78  | 69  | 63  | 63  | 86  | 76  | 68  | 62  | 73  | 66  | 61  | 70  | 64  | 59  | 67  | 62  | 58  | 56 |
| 4                 | 81       | 69  | 60  | 53  | 53  | 79  | 67  | 59  | 52  | 65  | 57  | 51  | 62  | 56  | 51  | 60  | 54  | 50  | 47 |
| 5                 | 74       | 61  | 52  | 45  | 45  | 72  | 60  | 51  | 45  | 58  | 50  | 44  | 56  | 49  | 44  | 54  | 48  | 43  | 41 |
| 6                 | 69       | 55  | 46  | 39  | 39  | 67  | 54  | 45  | 39  | 52  | 44  | 39  | 50  | 43  | 38  | 48  | 42  | 38  | 36 |
| 7                 | 64       | 50  | 41  | 34  | 34  | 62  | 49  | 40  | 34  | 47  | 40  | 34  | 46  | 39  | 34  | 44  | 38  | 33  | 31 |
| 8                 | 59       | 45  | 37  | 31  | 31  | 57  | 45  | 36  | 31  | 43  | 36  | 30  | 42  | 35  | 30  | 41  | 34  | 30  | 28 |
| 9                 | 55       | 42  | 33  | 28  | 28  | 54  | 41  | 33  | 27  | 40  | 32  | 27  | 38  | 32  | 27  | 37  | 31  | 27  | 25 |
| 10                | 52       | 38  | 30  | 25  | 25  | 50  | 38  | 30  | 25  | 37  | 30  | 25  | 36  | 29  | 24  | 35  | 29  | 24  | 23 |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

## 14-FPL-BL-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(6000L)

TEST NO.: **EL10052024**

INPUT WATTS: **52.8**

LUMENS: **6029**

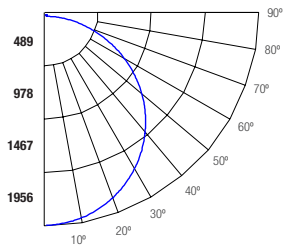
CRI: **N/A**

EFFICACY: **114**

CCT: **3500K**

SPACING CRITERIA: **1.42**

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

| Zone | Lumens  | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 712.60  | 11.80 | 11.80 |
| 0-30 | 1522.48 | 25.30 | 25.30 |
| 0-40 | 2514.23 | 41.70 | 41.70 |
| 0-60 | 4537.76 | 75.30 | 75.30 |
| 0-80 | 5800.63 | 96.20 | 96.20 |
| 0-90 | 5969.04 | 99.00 | 99.00 |

### Luminance (Average candela/M<sup>2</sup>)

| Angle in Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45               | 5236       | 5111        | 5028        |
| 55               | 5180       | 5022        | 4909        |
| 65               | 5051       | 4824        | 4690        |
| 75               | 4778       | 4490        | 4331        |
| 85               | 4519       | 4024        | 3908        |

### Lumens Per Zone

| Zone  | Lumens  |
|-------|---------|
| 0-10  | 183.77  |
| 10-20 | 528.83  |
| 20-30 | 809.89  |
| 30-40 | 991.75  |
| 40-50 | 1049.78 |
| 50-60 | 973.75  |
| 60-70 | 777.62  |
| 70-80 | 485.23  |
| 80-90 | 168.42  |

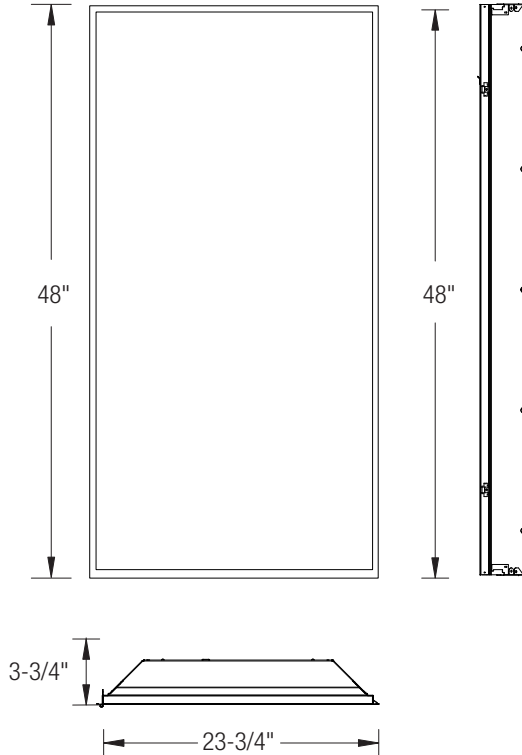
### Candela Tabulation

| 0    |          |
|------|----------|
| 0.0  | 1940.358 |
| 5.0  | 1935.200 |
| 15.0 | 1881.690 |
| 25.0 | 1767.720 |
| 35.0 | 1600.880 |
| 45.0 | 1377.130 |
| 55.0 | 1105.140 |
| 65.0 | 793.950  |
| 75.0 | 459.970  |
| 85.0 | 146.500  |
| 90.0 | 17.110   |

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC<br>RW | 80% |     |     |     | 70% |     |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0% |
|-------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                   |          | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% |
|                   | 0        | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
|                   | 1        | 108 | 103 | 98  | 94  | 105 | 100 | 96  | 92  | 96  | 92  | 89  | 92  | 89  | 86  | 88  | 86  | 84  | 81 |
|                   | 2        | 98  | 89  | 82  | 76  | 95  | 87  | 80  | 75  | 83  | 78  | 73  | 80  | 75  | 71  | 77  | 73  | 69  | 67 |
|                   | 3        | 89  | 78  | 69  | 63  | 86  | 76  | 68  | 62  | 73  | 66  | 61  | 70  | 64  | 59  | 67  | 62  | 58  | 56 |
|                   | 4        | 81  | 69  | 60  | 53  | 79  | 67  | 59  | 52  | 65  | 57  | 51  | 62  | 56  | 51  | 60  | 54  | 50  | 47 |
|                   | 5        | 74  | 61  | 52  | 45  | 72  | 60  | 51  | 45  | 58  | 50  | 44  | 56  | 49  | 44  | 54  | 48  | 43  | 41 |
|                   | 6        | 69  | 55  | 46  | 39  | 67  | 54  | 45  | 39  | 52  | 44  | 39  | 50  | 43  | 38  | 49  | 42  | 38  | 36 |
|                   | 7        | 64  | 50  | 41  | 35  | 62  | 49  | 40  | 34  | 47  | 40  | 34  | 46  | 39  | 34  | 44  | 38  | 33  | 31 |
| 8                 | 59       | 45  | 37  | 31  | 57  | 45  | 36  | 31  | 43  | 36  | 30  | 42  | 35  | 30  | 41  | 34  | 30  | 28  |    |
| 9                 | 55       | 42  | 33  | 28  | 54  | 41  | 33  | 27  | 40  | 32  | 27  | 39  | 32  | 27  | 37  | 31  | 27  | 25  |    |
| 10                | 52       | 38  | 30  | 25  | 50  | 38  | 30  | 25  | 37  | 30  | 25  | 36  | 29  | 24  | 35  | 29  | 24  | 23  |    |



| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
|----------------|------------------|---------|
| 10000          | 9061             | 70 W    |
| 8000           | 8572             | 67 W    |
| 7000           | 7089             | 56 W    |
| 6000           | 6061             | 46 W    |
| 5000           | 5475             | 36 W    |

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

### FEATURES

The OT-LED blends the traditional look of an architectural volumetric troffer with a center acrylic diffuser, resulting in unmatched optical performance that delivers the latest in LED technology and lens innovation. The integrated LEDs are strategically angled behind the center indirect acrylic diffuser to maximize lumen output and provide even illumination across the full face of the luminaire. The consistency of the volumetric effect results in optimized visual comfort, enhancing the quality of illumination. The combination of energy savings and optical performance creates the ideal choice for educational, medical, office and retail spaces.

|                         |                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------|
| LUMENS                  | 5000, 6000, 7000, 8000, 10000                                                                  |
| CCT & DYNAMIC PLATFORMS | 30K, 35K, 40K, 50K                                                                             |
| CRI                     | 85+                                                                                            |
| COLOR QUALITY           | 3 Step MacAdam Ellipse                                                                         |
| SIZE                    | 2'x2', 2'x4', 1'x4'                                                                            |
| MOUNTING                | Recessed                                                                                       |
| DIMMING & CONTROL       | 0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, DIMST, ELDO10.1, ELDO10.1, DALI.1 |
| EMERGENCY               | 10W - Up to 1000L output (Bodine BSL310)<br>20W - Up to 2000L output (Bodine BSL20)            |
| LIFETIME                | L70 at 116,000 and L80 at 72,000 hours                                                         |
| PHOTOMETRIC TESTS       | In Accordance with IES LM79-08, LM80 and TM-30, TM-21                                          |



#### MAINTENANCE

The center acrylic diffuser can be removed, allowing easy access to LED boards and driver compartment, locking into place for secure closure of the luminaire. LED engines and drivers are removable and upgradable even after luminaire installation. Luminaire can be regularly and safely wiped down to ensure optimal performance.

#### OPTICAL SYSTEM

The The OT-LED uses a prismatic acrylic lens to scatter the light emitted from the LED chips into functional light. The LED offered in the OT-LED has the highest return on initial investment compared to other standard lighting solutions. Lens is attached to a door frame which is easily pivoted and removable without the use of tools.

#### CONSTRUCTION

Body is constructed of heavy-duty 20-gauge cold rolled steel gasketed, post-painted and engineered for maximum strength and extended life. All corners interlock to prevent aesthetic damage to the luminaire, with sides and corners uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation. Luminaire is supplied with multiple wiring entrances for easy daisy chain of luminaires, to add power packs, whips, or other accessories in the field, or for continuous row mounting.

#### FINISH

Post-painted with a 93% reflective white coat to improve luminaire efficacy, with all body components seamlessly interlocked for added structural strength.

#### MOUNTING

Luminaires accommodate lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling thicknesses. Four corner tie points are standard for safety wire support when required, with built-in earthquake clips, standard. Luminaires may be available with flange kits, surface mounted kits, and other options.

#### OPTIONS

Luminaires can be shipped pre-installed with whips, modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

#### DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V., produce less than 20% THD, and have a power factor of .90 to 1.00.

#### DIMMING & DRIVER INFORMATION

**DIM10** - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

**LUT2W** - Lutron LTEA2W Hi-Lume 1%. 2-wire LED driver (120V forward phase only).

**LUTH** - Lutron LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology.

**ELD010.1** - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

**DALI** - DALI DT6, DT8 dimming down to 1%.

**ELDODMX** - EldoLED PowerDrive dimming down to 0.1%.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

**DIMST** - Step Dimming

#### WARRANTY

Five-year warranty for parts and components. (Labor not included)

#### LISTINGS

c-UL-us - Listed for Feed Through Wiring.

Listed for DLC, California Title 24 compliant.

Rated for Damp Location

Example: **24-OT-LED-5000L-DIM10-MVOLT-30K-85**

| 24           | OT     | LED  |                                                                                                                   |                                                                                                                                                                           |                              |                          |     |                                                                                                                                |                                |                                                                                                                                                                                                                                               |
|--------------|--------|------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FIXTURE SIZE | SERIES | TYPE | LUMENS                                                                                                            | DIMMING                                                                                                                                                                   | VOLTAGE                      | CCT                      | CRI |                                                                                                                                | EMERGENCY                      | OTHER OPTIONS                                                                                                                                                                                                                                 |
| 24 - 2' X 4' | OT     | LED  | 5000L - 5000 lumens<br>6000L - 6000 lumens<br>7000L - 7000 lumens<br>8000L - 8000 lumens<br>10000L - 10000 lumens | DIM10 - 0-10V Dimming<br>DIMST - Step Dimming<br>LUTH - Lutron HiLume<br>LUT2W - Lutron 2Wire<br>ELD010.1 - EldoLED 0-10V<br>DALI - EldoLED DALI<br>ELDODMX - EldoLED DMX | MVOLT<br>347*<br>120<br>277  | 30K<br>35K<br>40K<br>50K | 85  |                                                                                                                                | O-EMG-LED-10W<br>O-EMG-LED-20W | 24FK - 2'x4' Flange Kit<br>FBF - Internal Fast Blow Fuse<br>SBF - Internal Slow Blow Fuse<br>RIS - Radio Interference Suppressor<br>USA - Made in America Compliance<br>24-FA-DF - Flushed Aluminum Door Frame<br>DG Double gasket Door frame |
|              |        |      |                                                                                                                   |                                                                                                                                                                           | *Consult factory for details |                          |     | A12-A12(Standard)<br>A125 - #12 pattern acrylic .125" thick<br>A19-A19<br>A-SFW-Smooth Frosted White<br>A12-INV- Inverted Lens |                                |                                                                                                                                                                                                                                               |

LUT2W are available in 120V only LUT2W up to 4000L

LUTH, ELD010-1, ELDODALI-1, and ELDODMX-1 are available in 120V and 277V

-Reference last page for Control Options

|                            |        |             |
|----------------------------|--------|-------------|
| PROJECT NAME:<br>BOOT BARN | PART # | TYPE:<br>F4 |
|----------------------------|--------|-------------|

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Built on the compact, low-profile Z strip channel, this LED strip offers long maintenance-free life, several color temperatures, lumen outputs and lengths. Ideal for new construction and retrofit applications in T5 and T8 lengths. Ideal for uplight and downlight in commercial, retail, manufacturing, warehouse, cove and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Compact-design channel and cover are formed from code-gauge cold-rolled steel. Easy to install row aligner included for continuous row mounting.

Finish: Paint options include high-gloss, baked white enamel (WH), galvanized (GALV), matte black (MB) and smoke gray (SKGY). After fabrication, five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

**OPTICS** — Standard diffuse snap on/snap off lens eliminates pixels, improves uniformity and minimizes glare. L/LENS option available.

**ELECTRICAL** — L70>60,000hours. Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications. (See PLR\_ ordering information on page 2.) Electronic LED driver is rated for 75 input watts maximum (see Operational Data on page 4 for actual wattage consumption), **multi-volt input and 0-10V dimming standard.** This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75kA combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided.

LEDs provide nominal 80 CRI at 3000 K, 3500 K, 4000 K, or 5000 K.

Lumen output up to 2,000 lumens per foot. In 86°F (30°C) ambient environments. Luminaire should be installed in applications where ambient temperatures do not exceed 86°F (30°C).

**INSTALLATION** — Tool-less channel cover for easy installation.

Fixture may be surface mounted (with or without ZSPRG hanger), pendant or stem mounted with appropriate mounting options. Three-point aligner locks in place for easy continuous row mounting.

**LISTINGS** — CSA certified to US and Canadian safety standards. For use in damp locations between -40°F (-40°C) and 86°F (30°C).

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

**BUY AMERICAN** — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

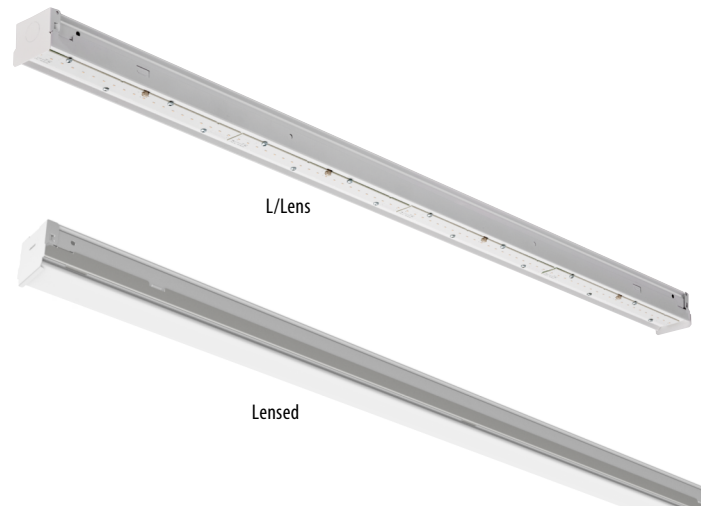
Specifications subject to change without notice.



LED Striplight

# ZL1N

24", 48" and 96" Lengths



### Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# ZL1N LED Striplight



A+ Capable options indicated by this color background.

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** ZL1N L48 3000LM FST MVOLT 40K 80CRI WH

| Series                 | Length             | Reflectors†               | Nominal lumens†                                | Diffuser                                                                                                          | Voltage                                                                                    |
|------------------------|--------------------|---------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| ZL1N LED striplight    | L24 24" †          | (blank) Less reflector    | 1500LM 1,500 lumens                            | FST Snap on frosted, diffuse<br>L/LENS No diffuser<br>SBL FST Straight blade louver with snap on frosted, diffuse | MVOLT 120-277V<br>120 120V<br>208 208V<br>240 240V<br>277 277V<br>347 347V †<br>480 480V † |
|                        |                    | SMR Symmetric             | 2500LM 2,500 lumens                            |                                                                                                                   |                                                                                            |
|                        |                    |                           | 3500LM 3,500 lumens                            |                                                                                                                   |                                                                                            |
|                        | L46 46"<br>L48 48" | (blank) Less reflector    | 3000LM 3,000 lumens                            |                                                                                                                   |                                                                                            |
|                        |                    | ASR Asymmetric (L48 only) | 5000LM 5,000 lumens                            |                                                                                                                   |                                                                                            |
| TZL1N LED striplight † | L92 92"<br>L96 96" | SMR Symmetric             | 7000LM 7,000 lumens                            |                                                                                                                   |                                                                                            |
|                        |                    | (blank) Less reflector    | 6000LM 6,000 lumens                            |                                                                                                                   |                                                                                            |
|                        |                    | SMR Symmetric             | 10000LM 10,000 lumens<br>14000LM 14,000 lumens |                                                                                                                   |                                                                                            |

| Color temperature                                    | Color rendering index        | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Individual Controls †                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Paint finish                                                     |
|------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| 30K 3000 K<br>35K 3500 K<br>40K 4000 K<br>50K 5000 K | 80CRI 80 CRI<br>90CRI 90 CRI | PLR___ Plug-in wiring †<br>PLR1LVG Plug-in wiring-low voltage †<br>E7W Power Sentry® PS750L, 7 watt emergency battery, CA Title 20 non-compliant (LINK) †<br>2E7W Two Power Sentry® PS750L, 7 watt emergency batteries, CA Title 20 non-compliant (LINK) †<br>E10WLCP Power Sentry® PS1055LCP, 10 watt emergency battery, Certified in CA Title 20 MAEDBS (LINK) †<br>2E10WLCP Two Power Sentry® PS1055LCP, 10 watt emergency batteries, Certified in CA Title 20 MAEDBS (LINK) †<br>E15WLCP Power Sentry® PS1555LCP, 15 watt emergency battery, Certified in CA Title 20 MAEDBS (LINK) †<br>OUTEND Cord set to exit endplate of fixture<br>BAA Buy America(n) Act Compliant<br><b>nLight® Wireless †</b><br>NLTAIR2 nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights) (LINK)<br>RLSXR10<br>NLTAIR2 nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights), UL 924 Emergency Operation, via power interrupt detection (not available with battery pack) (LINK) †<br>RLSXR10EM | <b>Cord sets: †</b><br>CS1W Cord with NEMA 5-15P, 120V straight blade plug, 18 gauge, 3 conductors, white, 6ft<br>CS3W Cord with NEMA L5-15P, 120V twist lock plug, 18 gauge, 3 conductor, white, 6ft<br>CS7W Cord with NEMA 7-15P, 277V straight blade plug, 18 gauge, 3 conductors, white, 6ft<br>CS11W Cord with NEMA L7-15P, 277V twist lock plug, 18 gauge, 3 conductors, white, 6ft<br>CS25W Cord with NEMA L24-20P, 347V twist lock plug, 18 gauge, 3 conductors, white, 6ft<br>CS97W Cord with NEMA L8-20P, 480V twist lock plug, 18 gauge, 3 conductors, white, 6ft<br>CS93W Cord only (no plug), 18 gauge, 3 conductors, white, 6ft | WH White<br>GALV Galvanized<br>MB Matte black<br>SKGY Smoke gray |

**Accessories:** Order as separate catalog number.

|            |                                                                                       |                        |                                                    |
|------------|---------------------------------------------------------------------------------------|------------------------|----------------------------------------------------|
| HC36 M12   | Hanger chain, 36" (1 pair)                                                            | ZLR L24 SYM UPL WH     | 24" symmetric reflector with uplight, white finish |
| ZACYH M100 | Adjustable 10' aircraft cable with Y hanger (1 pair)                                  | ZLR L24 SYM WH         | 24" symmetric reflector, white finish              |
| ZLANGBKT   | Luma-tilt™ angle bracket for shelf or ledge mounting only                             | ZLR L46 SYM UPL WH     | 46" symmetric reflector with uplight, white finish |
| SQ_        | Swivel stem hanger (specify length in 2" increments up to 48")                        | ZLR L46 SYM WH         | 46" symmetric reflector, white finish              |
| NPP16D     | nLight® wired power/relay pack, 0-10VDC dimming output (LINK)                         | ZLR L48 ASY WH         | 48" asymmetric reflector, white finish             |
| RPP20D     | nLight® air Generation 2 enabled, power/relay pack, 0-10V dimming output (LINK)       | ZLR L48 SYM UPL WH     | 48" symmetric reflector with uplight, white finish |
| LSXR       | Sensor Switch® LSXR occupancy sensor (LINK)                                           | ZLR L48 SYM WH         | 48" symmetric reflector, white finish              |
| ZSPRG J2   | Tong and T-grid hanger, for 15/16" T-grid (Order quantity required in multiples of 2) | ZLR L92 SYM UPL WH     | 92" symmetric reflector with uplight, white finish |
| WGZ24      | 24" wireguard, white †                                                                | ZLR L92 SYM WH         | 92" symmetric reflector, white finish              |
| WGZ48      | 48" wireguard, white †                                                                | ZLR L96 SYM UPL WH     | 96" symmetric reflector with uplight, white finish |
|            |                                                                                       | ZLR L96 SYM WH         | 96" symmetric reflector, white finish              |
|            |                                                                                       | UNIVERSAL REFL ALIGNER | Universal reflector aligners, quantity 1           |

|                            |        |             |
|----------------------------|--------|-------------|
| PROJECT NAME:<br>BOOT BARN | PART # | TYPE:<br>F8 |
|----------------------------|--------|-------------|

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Built on the compact, low-profile Z strip channel, this LED strip offers long maintenance-free life, several color temperatures, lumen outputs and lengths. Ideal for new construction and retrofit applications in T5 and T8 lengths. Ideal for uplight and downlight in commercial, retail, manufacturing, warehouse, cove and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Compact-design channel and cover are formed from code-gauge cold-rolled steel. Easy to install row aligner included for continuous row mounting.

Finish: Paint options include high-gloss, baked white enamel (WH), galvanized (GALV), matte black (MB) and smoke gray (SKGY). After fabrication, five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

**OPTICS** — Standard diffuse snap on/snap off lens eliminates pixels, improves uniformity and minimizes glare. L/LENS option available.

**ELECTRICAL** — L70>60,000hours. Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications. (See PLR\_ ordering information on page 2.) Electronic LED driver is rated for 75 input watts maximum (see Operational Data on page 4 for actual wattage consumption), **multi-volt input and 0-10V dimming standard.** This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75kA combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided.

LEDs provide nominal 80 CRI at 3000 K, 3500 K, 4000 K, or 5000 K.

Lumen output up to 2,000 lumens per foot. In 86°F (30°C) ambient environments. Luminaire should be installed in applications where ambient temperatures do not exceed 86°F (30°C).

**INSTALLATION** — Tool-less channel cover for easy installation.

Fixture may be surface mounted (with or without ZSPRG hanger), pendant or stem mounted with appropriate mounting options. Three-point aligner locks in place for easy continuous row mounting.

**LISTINGS** — CSA certified to US and Canadian safety standards. For use in damp locations between -40°F (-40°C) and 86°F (30°C).

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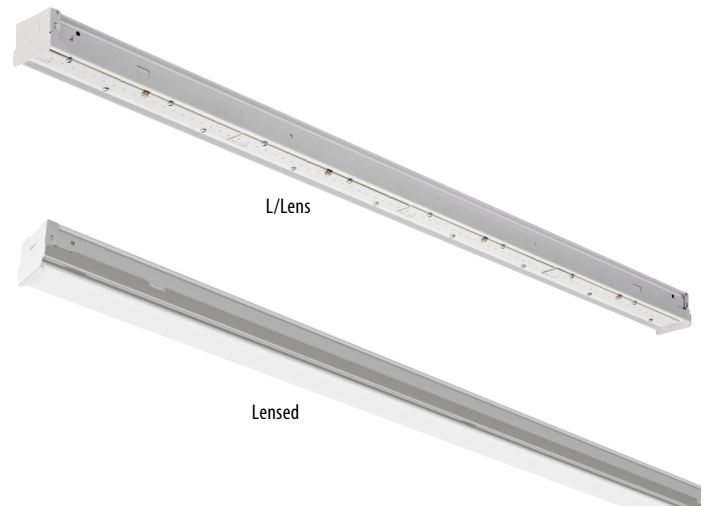
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LED Striplight

# ZL1N

24", 48" and 96" Lengths



### A+ Capable Luminaire

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- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# ZL1N LED Striplight



A+ Capable options indicated by this color background.

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** ZL1N L48 3000LM FST MVOLT 40K 80CRI WH

| Series                 | Length    | Reflectors†               | Nominal lumens†       | Diffuser                                                    | Voltage        |
|------------------------|-----------|---------------------------|-----------------------|-------------------------------------------------------------|----------------|
| ZL1N LED striplight    | L24 24" † | (blank) Less reflector    | 1500LM 1,500 lumens   | FST Snap on frosted, diffuse                                | MVOLT 120-277V |
|                        |           | SMR Symmetric             | 2500LM 2,500 lumens   | L/LENS No diffuser                                          | 120 120V       |
|                        |           |                           | 3500LM 3,500 lumens   | SBL FST Straight blade louver with snap on frosted, diffuse | 208 208V       |
|                        | L46 46"   | (blank) Less reflector    | 3000LM 3,000 lumens   |                                                             | 240 240V       |
|                        | L48 48"   | ASR Asymmetric (L48 only) | 5000LM 5,000 lumens   |                                                             | 277 277V       |
| TZL1N LED striplight † | L92 92"   | SMR Symmetric             | 7000LM 7,000 lumens   |                                                             | 347 347V †     |
|                        | L96 96"   |                           | 6000LM 6,000 lumens   |                                                             | 480 480V †     |
|                        |           |                           | 10000LM 10,000 lumens |                                                             |                |
|                        |           |                           | 14000LM 14,000 lumens |                                                             |                |

| Color temperature | Color rendering index | Options                                                                                                                                                                                   | Individual Controls †                                                                                                 | Paint finish    |
|-------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------|
| 30K 3000 K        | 80CRI 80 CRI          | PLR___ Plug-in wiring †                                                                                                                                                                   | LBOZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF occupancy, pre-wired (LINK) †                  | WH White        |
| 35K 3500 K        | 90CRI 90 CRI          | PLR1LVG Plug-in wiring-low voltage †                                                                                                                                                      | LBOZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF occupancy, pre-wired (LINK) †                  | GALV Galvanized |
| 40K 4000 K        |                       | E7W Power Sentry® PS750L, 7 watt emergency battery, CA Title 20 non-compliant (LINK) †                                                                                                    | LBOZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF occupancy, pre-wired (LINK) †                  | MB Matte black  |
| 50K 5000 K        |                       | 2E7W Two Power Sentry® PS750L, 7 watt emergency batteries, CA Title 20 non-compliant (LINK) †                                                                                             | LBOZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF occupancy, pre-wired (LINK) †                  | SKGY Smoke gray |
|                   |                       | E10WLCP Power Sentry® PS1055LCP, 10 watt emergency battery, Certified in CA Title 20 MAEDBS (LINK) †                                                                                      | LBPZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF photocell, pre-wired (LINK) †                  |                 |
|                   |                       | 2E10WLCP Two Power Sentry® PS1055LCP, 10 watt emergency batteries, Certified in CA Title 20 MAEDBS (LINK) †                                                                               | LBMOSZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), dimming and switching photocell, pre-wired (LINK) † |                 |
|                   |                       | E15WLCP Power Sentry® PS1555LCP, 15 watt emergency battery, Certified in CA Title 20 MAEDBS (LINK) †                                                                                      |                                                                                                                       |                 |
|                   |                       | OUTEND Cord set to exit endplate of fixture                                                                                                                                               |                                                                                                                       |                 |
|                   |                       | BAA Buy America(n) Act Compliant                                                                                                                                                          |                                                                                                                       |                 |
|                   |                       | nLight® Wireless †                                                                                                                                                                        |                                                                                                                       |                 |
|                   |                       | NLTAIR2 nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights) (LINK)                                                                                                |                                                                                                                       |                 |
|                   |                       | RLSXR10 nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights), UL 924 Emergency Operation, via power interrupt detection (not available with battery pack) (LINK) † |                                                                                                                       |                 |
|                   |                       |                                                                                                                                                                                           | Cord sets: †                                                                                                          |                 |
|                   |                       |                                                                                                                                                                                           | CS1W Cord with NEMA 5-15P, 120V straight blade plug, 18 gauge, 3 conductors, white, 6ft                               |                 |
|                   |                       |                                                                                                                                                                                           | CS3W Cord with NEMA L5-15P, 120V twist lock plug, 18 gauge, 3 conductor, white, 6ft                                   |                 |
|                   |                       |                                                                                                                                                                                           | CS7W Cord with NEMA 7-15P, 277V straight blade plug, 18 gauge, 3 conductors, white, 6ft                               |                 |
|                   |                       |                                                                                                                                                                                           | CS11W Cord with NEMA L7-15P, 277V twist lock plug, 18 gauge, 3 conductors, white, 6ft                                 |                 |
|                   |                       |                                                                                                                                                                                           | CS25W Cord with NEMA L24-20P, 347V twist lock plug, 18 gauge, 3 conductors, white, 6ft                                |                 |
|                   |                       |                                                                                                                                                                                           | CS97W Cord with NEMA L8-20P, 480V twist lock plug, 18 gauge, 3 conductors, white, 6ft                                 |                 |
|                   |                       |                                                                                                                                                                                           | CS93W Cord only (no plug), 18 gauge, 3 conductors, white, 6ft                                                         |                 |

| Accessories: Order as separate catalog number. |                                                                                       |                        |                                                    |
|------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|----------------------------------------------------|
| HC36 M12                                       | Hanger chain, 36" (1 pair)                                                            | ZLR L24 SYM UPL WH     | 24" symmetric reflector with uplight, white finish |
| ZACYH M100                                     | Adjustable 10' aircraft cable with Y hanger (1 pair)                                  | ZLR L24 SYM WH         | 24" symmetric reflector, white finish              |
| ZLANGBKT                                       | Luma-tilt™ angle bracket for shelf or ledge mounting only                             | ZLR L46 SYM UPL WH     | 46" symmetric reflector with uplight, white finish |
| SQ_                                            | Swivel stem hanger (specify length in 2" increments up to 48")                        | ZLR L46 SYM WH         | 46" symmetric reflector, white finish              |
| NPP16D                                         | nLight® wired power/relay pack, 0-10VDC dimming output (LINK)                         | ZLR L48 ASY WH         | 48" asymmetric reflector, white finish             |
| RPP20D                                         | nLight® air Generation 2 enabled, power/relay pack, 0-10V dimming output (LINK)       | ZLR L48 SYM UPL WH     | 48" symmetric reflector with uplight, white finish |
| LSXR                                           | Sensor Switch® LSXR occupancy sensor (LINK)                                           | ZLR L48 SYM WH         | 48" symmetric reflector, white finish              |
| ZSPRG J2                                       | Tong and T-grid hanger, for 15/16" T-grid (Order quantity required in multiples of 2) | ZLR L92 SYM UPL WH     | 92" symmetric reflector with uplight, white finish |
| WGZ24                                          | 24" wireguard, white †                                                                | ZLR L92 SYM WH         | 92" symmetric reflector, white finish              |
| WGZ48                                          | 48" wireguard, white †                                                                | ZLR L96 SYM UPL WH     | 96" symmetric reflector with uplight, white finish |
|                                                |                                                                                       | ZLR L96 SYM WH         | 96" symmetric reflector, white finish              |
|                                                |                                                                                       | UNIVERSAL REFL ALIGNER | Universal reflector aligners, quantity 1           |


**TRAC-MASTER®**

 Project: BOOT BARN

 Fixture Type: G

 Avant Garde  
**CYLINDRA™ 15W LED**

**T254L G2**

## PRODUCT DESCRIPTION

The Cylindra™ 15W LED approximates the light output and distribution of 90W PAR30 halogen lamps in a PAR30 size fixture, utilizing approximately 1/6 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. Optional high CRI versions are available with a minimum 90 CRI and R9 greater than 50. There are also optional SpectralWhite color/white enhancing versions which offer minimum 90 CRI while rendering colors richly and making whites appear naturally brilliant. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mounted accessory holder accommodates up to two accessories if desired.



## Cylindra 15W LED

**Construction** Die cast aluminum housing provides outstanding thermal management of LED, yielding 70% average lumen maintenance at 50,000 hours of operation • Fashionable, elegant design complements any decor • Available in white, black and silver painted finishes.

**LED** High performance LED array provides outstanding reliability, performance and color quality/ consistency • 2700K, 3000K, 3500K or 4000K white phosphor high performance LEDs • Chromaticity range within a 3-step MacAdam Ellipse • 80 CRI minimum on standard product • Optional high CRI versions offer 90 CRI minimum • Optional SpectralWhite color/white enhancing versions are available which make whites appear naturally brilliant and render colors more richly.

**Driver** Concealed in rear housing to minimize overall fixture footprint • Provides quiet operation with or without dimming • Dimmable using high quality, factory-approved reverse phase ELV dimmers – see [T254LG2-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Designed for greater than 50,000 hour operating life • FCC Certified to Part 15 Class B EMI standards.

**Optics** Interchangeable computer-designed custom faceted reflectors available in three factory configured beam spreads • One reflector provided with fixture (as specified in catalog number) • Accessory reflectors available to enable beam changes in the field • Beam patterns can be altered as desired using a variety of available light control accessories.

**Juno Universal Trac Adapter** Universally compatible with both Trac-Master 1-circuit or 2-circuit trac, Trac-Lites trac, monopoints and special mountings

- Also UL Recognized for use on ConTech® LT Series track • Copper alloy contacts provide precise spring action - no arcing and will not take a set
- True, positive electrical ground • On/off switch included • Patented embossed polarity arrows on bottom of adapter • Spring-loaded positive latch with embossed polarity arrows secures trac fixture to trac • Two-position power contact provided for two-circuit application.

**Alternate TEK Trac Adapter** Compatible with Juno TEK trac system • System specific and assembled to trac fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing.

**Alternate GTYPE Trac Adapter** Compatible with track systems based on GES type track, including Lithonia LT Commercial Track (not LTS type) • System specific and assembled to trac fixture • Consult factory for additional information.

**Alternate HTYPE Trac Adapter** Compatible with track systems which use a H-type track adapter, including Lithonia LTS Decorative Track (not LT type) • System specific and assembled to trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Alternate LTYPE Trac Adapter** Compatible with track systems which use a L-type track adapter • System specific and assembled to trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Accessory Holder** Integral to fixture design • Die cast aluminum construction • Precision bayonet mounting • Accommodates up to two accessories if desired.

**Aiming** 360° horizontal coverage • 105° vertical aiming capability.

**Labels** UL and C-UL Listed • ENERGY STAR® certified and DesignLights Consortium® Qualified • Union made • Assembled in U.S.A.

**Buy American** This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FARS, DFARS and DOT. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**Warranty** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

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# TRAC-MASTER®

Avant Garde

## CYLINDRA™ 15W LED

### T254L G2

#### ORDERING INFORMATION

Ordering Example: T254L G2 27K 90CRI PDIM SP BL

| Series                              | Mounting Adapter Type                                                                                                                                                                                                     | Generation      | Color Temperature                                                            | Color Rendering Index                                                              | Dimming Compatibility         | Distribution                                                    | Finish                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>T254L</b> 15W<br>Cylindra<br>LED | <b>(Blank)</b> Juno Universal<br>Trac Adapter<br><br><b>TEK</b> TEK 120V<br>Trac Adapter<br><br><b>GTYPE</b> G-Type Trac<br>Adapter<br><br><b>HTYPE</b> H-Type Trac<br>Adapter<br><br><b>LTYPE</b> L-Type Trac<br>Adapter | <b>G2</b> Gen 2 | <b>27K</b> 2700K<br><b>30K</b> 3000K<br><b>35K</b> 3500K<br><b>40K</b> 4000K | <b>80CRI</b> 80 CRI<br><b>90CRI</b> 90 CRI<br><b>SPW<sup>3</sup></b> SpectralWhite | <b>PDIM</b> Phase<br>Dimmable | <b>SP</b> Spot<br><b>NFL</b> Narrow<br>Flood<br><b>FL</b> Flood | <b>BL</b> Black<br><b>SL</b> Silver<br><b>WH</b> White<br><b>NAT NATURAL</b> |

| Accessories          |                          |                             |                                  |                         |                          |                 |                          |
|----------------------|--------------------------|-----------------------------|----------------------------------|-------------------------|--------------------------|-----------------|--------------------------|
| <b>HCLBL 375</b>     | Hexcell Louver - Black   | <b>TBDR BLCK 375</b>        | Barn Doors - Black               | <b>DIFF 375</b>         | Diffusion Lens           | <b>TR2 SPT</b>  | Reflector – Spot         |
| <b>CCLBL 375</b>     | Cube Cell Louver - Black | <b>CGF 375</b>              | Color Glass Filter               | <b>SOLITE 375</b>       | Uniformity Lens (Solite) | <b>TR2 NFLD</b> | Reflector – Narrow Flood |
| <b>XBAFLBL 375</b>   | Cross Baffle - Black     | <b>DGF 375</b>              | Dichroic Glass Filter            | <b>PRISM 375</b>        | Prismatic Spread Lens    | <b>TR2 FLD</b>  | Reflector – Flood        |
| <b>SNOOTBL 375</b>   | Snoot - Black            | <b>DCCF 375<sup>1</sup></b> | Dichroic Color Correction Filter | <b>LSPREAD 375</b>      | Linear Spread Lens       |                 |                          |
| <b>EYEBROWBL 375</b> | Eyebrow - Black          | <b>UVF 375</b>              | UV Filter                        | <b>T40N<sup>2</sup></b> | Monopoint Canopy         |                 |                          |

See specification sheet [D1.2.2](#) for details and color filter options.Other accessories can be found on specification sheet [D1.2.0](#).

## Notes:

- 1 DCCF 375 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- 2 Add finish code to complete catalog number (Example: T40N WH).
- 3 3000K and 3500K only.

# TRACK SECTION, JOINERS & FEEDS

## T Series

### PRODUCT DESCRIPTION

Low-Profile, single-circuit track sections for surface or pendant mounting. I-beam cross section provides added strength and rigidity in pendant suspended applications. Compatible with a full range of feed, connector and mounting accessories, as listed on back of this page, to complete virtually any installation requirement. Accepts all Trac-Master and Trac-Lites track fixtures.

### PRODUCT SPECIFICATIONS

**Construction** Extruded aluminum "I" beam channel • One-piece thermoplastic insulator • Injection molded polycarbonate dead-end with set screw • Standard lengths may be cut-to-length by installer.

**Electrical** Two 12 gauge solid copper conductors • Rated 20 amps at 120 volts • Aluminum channel used as system ground • One-piece insulator insures consistent conductor spacing for reliable electrical contact • Insulating bushings supplied at mounting hole locations to prevent shorts to ground.

**Labels** UL listed, CSA certified.

**Buy American Act** This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

### PRODUCT INSTALLATION

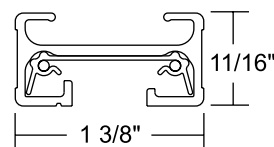
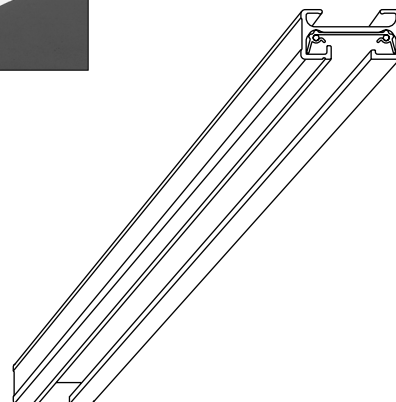
Debossed polarity line provides visual cue to proper track, track connector and fixture alignment • Supplied with toggle bolts for surface mounting • Integral raceway in top of channel accommodates pendant mounting hardware and wire routing to electrical feed • Insulator stays same length as extrusion to simplify field-cutting of track • Connectors and feeds simply push into track sections.

**WARRANTY** 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions).

**Note:** Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

### DIMENSIONS



### ORDERING INFORMATION

Example: T 8FT WH

| Series                                        | Length                                                                                                                                                                                                                                                                                            | Finish                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>T</b> Trac-Master 1-Circuit Track Sections | <b>2FT</b> 2-foot track section; actual length 19-7/8"<br><b>4FT</b> 4-foot track section; actual length 43-7/8"<br><b>6FT</b> 6-foot track section; actual length 67-7/8"<br><b>8FT</b> 8-foot track section; actual length 91-7/8"<br><b>12FT</b> 12-foot track section; actual length 139-7/8" | <b>BL</b> Black<br><b>SL</b> Silver<br><b>WH</b> White |

# TRAC-MASTER®

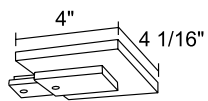
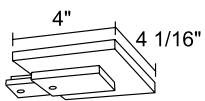
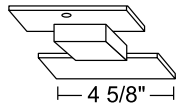
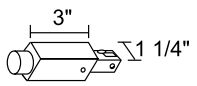
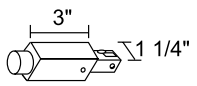
One Circuit Track System

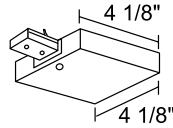
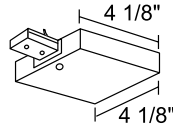
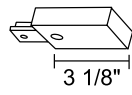
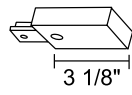
## TRACK SECTION, JOINERS & FEEDS

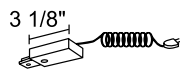
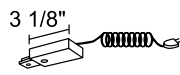
### T Series

#### Electrical Feeds

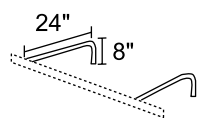
Examples: T21 BL, T34 RP WH

| T21                                                                                                                                                                                                                  | T21 RP                                                                                                                                                                                                                                                | T29                                                                                                                                                                                                                                                 | T34                                                                                                                                                             | T34 RP                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BL, SL, WH                                                                                                                                                                                                           | BL, SL, WH                                                                                                                                                                                                                                            | BL, SL, WH                                                                                                                                                                                                                                          | BL, SL, WH                                                                                                                                                      | BL, SL, WH                                                                                                                                                                                                                       |
| <b>End Feed Connector and Outlet Box Cover</b><br>For outlet box feed. Includes: outlet box cover, fixture strap and ground screw.  | <b>End Feed Connector and Outlet Box Cover</b><br>Same as <b>T21</b> except designed for use in opposite polarity orientation compared to standard feed connectors.  | <b>Floating Electrical Feed</b><br>Permits mounting any point of track under outlet box. Includes floating connector, outlet box cover plus extra track dead end.  | <b>Conduit End Feed</b><br>For surface wiring. Use standard 1/2" connector.  | <b>Conduit End Feed</b><br>Same as <b>T34</b> except designed for use in opposite polarity orientation compared to standard feed connectors.  |

| T36                                                                                                                                                                                                                              | T36 RP                                                                                                                                                                                                                         | T38                                                                                                                                                                                                                                            | T38 RP                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BL, SL, WH                                                                                                                                                                                                                       | BL, SL, WH                                                                                                                                                                                                                     | BL, SL, WH                                                                                                                                                                                                                                     | BL, SL, WH                                                                                                                                                                                                                               |
| <b>T-Bar End Feed</b><br>Wiring compartment contains standard 1/2" KO's. Feeds surface track from above, when T-bar is directly above track.  | <b>T-Bar End Feed</b><br>Same as <b>T36</b> except designed for use in opposite polarity orientation compared to standard feed connectors.  | <b>Live End Feed Connector</b><br>Feed track from above with flexible conduit, BX, etc., or end feed in pendant systems. Accepts standard 1/2" connector.  | <b>Live End Feed Connector</b><br>Same as <b>T38</b> except designed for use in opposite polarity orientation compared to standard feed connectors.  |

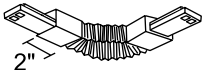
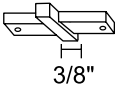
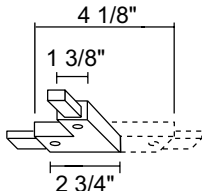
| T22                                                                                                                                                                                                                                          | T122                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BL, SL, WH                                                                                                                                                                                                                                   | BL, SL, WH                                                                                                                                                                                                                |
| <b>Cord and Plug End Feed</b><br>Comes with 15' two-wire white cord. Includes surface wire retainers and in-line switch. Max cap. 7 amps. Not UL Listed.  | <b>Cord and Plug End Feed</b><br>Same as <b>T122</b> but with matching color 3-wire grounded cord and plug. No switch. Not UL Listed.  |

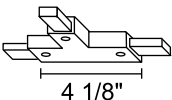
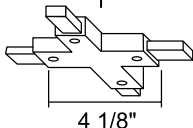
#### Outrigger System

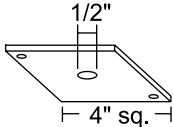
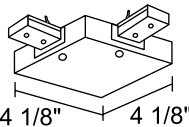
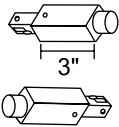
| T47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BL, WH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Outrigger Bracket (non-electrified)</b><br>For mounting track out from wall. 4' max. spacing. Track sections must be supported within 6" of any connection point unless <b>T92</b> or <b>T92L</b> Structural Bridges are used. Typically requires 2 per 2', 4' & 6' track, 3 per 8' track, or 4 per 12' track. More supports, spaced closer together, may be required when installing heavier or unbalanced luminaires. Order track and connectors separately. For portable electrical feed, use <b>T22</b> or <b>T122</b> Cord & Plug Connector. For permanent wiring, use <b>T38</b> end feed connector.  |

**TRACK SECTION, JOINERS & FEEDS**  
**T Series****Track Joiners & Dead End**

Examples: T20 BL, T25 RP WH

| <b>T20</b>                                                                                                        | <b>T23</b>                                                                        | <b>T24N ‡</b>                                                                                                                                                                                | <b>T24F ‡</b>                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BL, SL, WH</b>                                                                                                 | <b>BL, SL, WH</b>                                                                 | <b>BL, SL, WH</b>                                                                                                                                                                            | <b>BL, SL, WH</b>                                                                                                                            |
| <b>Accordion Adjustable Joiner</b><br>Can flex to 90° angle to left, right, up or down. Joins two track sections. | <b>Miniature Straight Connector</b><br>Joins two track sections end to end.       | <b>Adjustable Connector</b><br>Joins two track sections to make a 90° angle or straight run. Straight and right angle covers supplied. For outlet box feed, <b>T27</b> cover plate required. | <b>Adjustable Connector</b><br>Same as <b>T24</b> but with integral ground connection. For outlet box feed, <b>T27</b> cover plate required. |
|                                  |  |                                                                                                            |                                                                                                                                              |

| <b>T25 ‡</b>                                                                                              | <b>T25 RP ‡</b>                                                                                                                           | <b>T25 F ‡</b>                                                                                                                        | <b>T26 ‡</b>                                                                                                           | <b>T26 F ‡</b>                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>BL, SL, WH</b>                                                                                         | <b>BL, SL, WH</b>                                                                                                                         | <b>BL, SL, WH</b>                                                                                                                     | <b>BL, SL, WH</b>                                                                                                      | <b>BL, SL, WH</b>                                                                                                                     |
| <b>"T" Connector</b><br>Joins three track sections. For outlet box feed, <b>T27</b> cover plate required. | <b>"T" Connector</b><br>Same as <b>T25</b> except designed for use in opposite polarity orientation compared to standard feed connectors. | <b>"T" Connector</b><br>Same as <b>T25</b> but with integral ground connection. For outlet box feed, <b>T27</b> cover plate required. | <b>"X" Connector</b><br>Joins four track sections at 90° angles. For outlet box feed, <b>T27</b> cover plate required. | <b>"X" Connector</b><br>Same as <b>T26</b> but with integral ground connection. For outlet box feed, <b>T27</b> cover plate required. |
|                                                                                                           |                                                        |                                                                                                                                       |                                   |                                                                                                                                       |

| <b>T27</b>                                                                                                                          | <b>T28</b>                                                                          | <b>T35</b>                                                                                                                                                                                              | <b>T49</b>                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BL, SL, WH</b>                                                                                                                   | <b>BL, SL, WH</b>                                                                   | <b>BL, SL, WH</b>                                                                                                                                                                                       | <b>BL, SL, WH</b>                                                                                                                                                                    |
| <b>Outlet Box Cover</b><br>Use with <b>T24N/T25/T26</b> for outlet box electrical feed. Includes: nipple, locknut and ground screw. | <b>Dead End</b><br>For use with field-cut track sections.                           | <b>T-Bar Adjustable Joiner Feed</b><br>Joins two track sections to make 90° angle or straight run. Wiring compartment contains standard 1/2" KO's. Feeds from above when T-bar is directly above track. | <b>Continuation Kit</b><br>Permits track to continue a run around obstructions. Includes one <b>T34</b> Conduit Feed and one <b>T34 RP</b> Conduit Feed. Fits standard 1/2" conduit. |
|                                                  |  |                                                                                                                      |                                                                                                 |

‡ T24N, T25 and T26 may not be used as feed connectors in Canada due to special grounding requirements – T24F, T25F & T26F are approved for use as feed connectors in Canada (may also be used in U.S.).

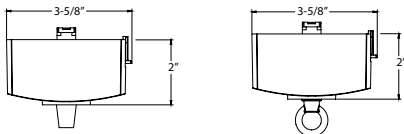
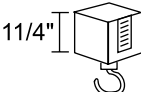
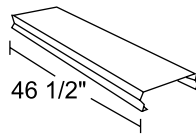
**TRAC-MASTER®**

One Circuit Track System

**TRACK SECTION, JOINERS & FEEDS**  
**T Series****Accessories**

Example: T31N BL

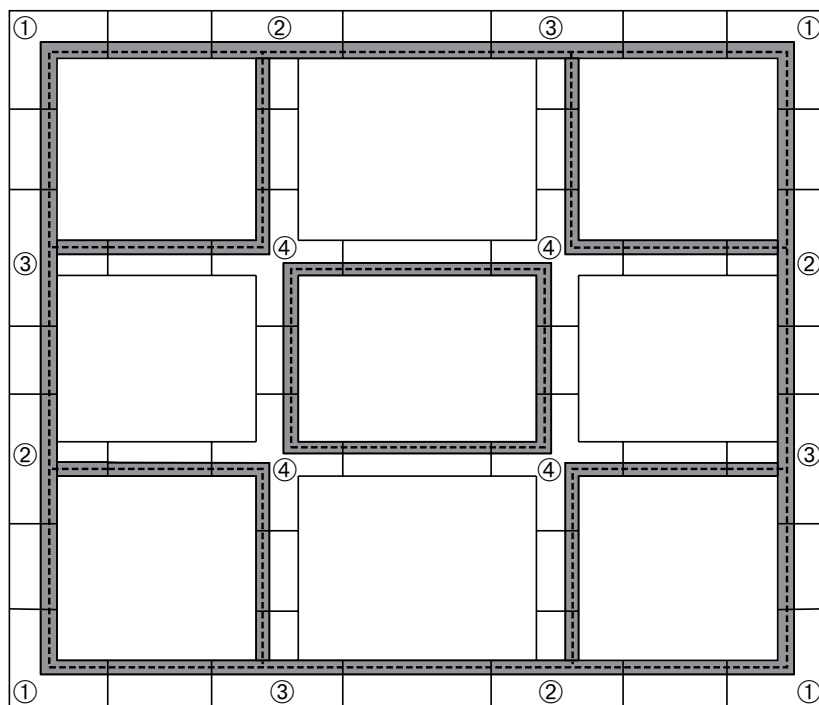
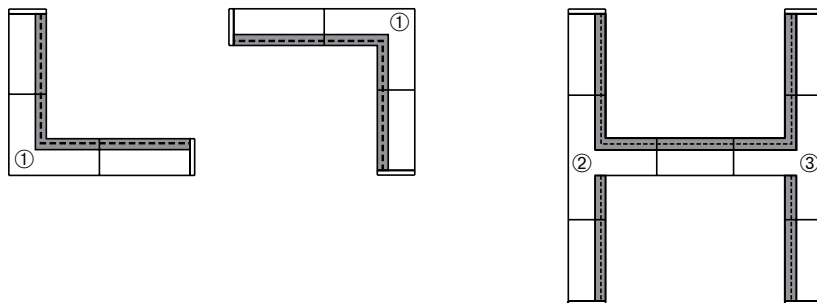
| <b>T37F</b>                                                                                                                                                                                          | <b>T37D</b>                                                                                           | <b>T37F916</b>                                                                                                                                                                                              | <b>T37D916</b>                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>15/16" T-Bar Attachment Clip</b><br>To attach to inverted tee ceilings using flush tiles. Use two for 2' or 4' track, or three for 6' or 8' of track, or four for 12' of track (4' max. spacing). | <b>15/16" T-Bar Attachment Clip</b><br>Same as <b>T37F</b> with spacer for ceilings using drop tiles. | <b>9/16" T-Bar Attachment Clip</b><br>To attach to inverted tee ceilings using flush or drop tiles. Use two for 2' or 4' track, or three for 6' or 8' of track, or four for 12' of track (4' max. spacing). | <b>9/16" T-Bar Attachment Clip</b><br>Same as <b>T37F916</b> with spacer for ceilings using drop tiles. |
|                                                                                                                     |                                                                                                       |                                                                                                                          |                                                                                                         |

| <b>T31N</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>T32</b>                                                                                                                                                   | <b>T33</b>                                                                                                                                                      | <b>T39</b>                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BL, SL, WH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>BL, WH</b>                                                                                                                                                | <b>BL, SL, WH</b>                                                                                                                                               | <b>BL</b>                                                                                                                                                                                                                                                                   |
| <b>Pendant Adapter</b><br>Adapts corded, swag or chain-hung fixture to track. Includes loop hook for chain installation and strain relief for direct cord suspension. Chain installation accepts cord diameters up to 0.270" and supports up to 15 lbs. Strain relief installation accepts cord diameters of 0.170" to 0.255", type SVT 18/3, and supports up to 5 lbs. May also be specified with GTYPE, HTYPE or LTYPE Alternate Mounting Adapters (i.e. T31N HTYPE WH). 5A max. UL Listed. Not available in HTYPE BL.<br> | <b>Plant or Utility Hook</b><br>Supports up to 25 lbs. Not UL Listed.<br> | <b>Outlet Adapter</b><br>Provides electrical receptacle. Not UL Listed.<br> | <b>Wireway Cover</b><br>4" black thermoplastic extrusion, covers wire carried in track wireway. Use one for 4' track, two for 8' track, and three for 12' track. Can be field cut.<br> |

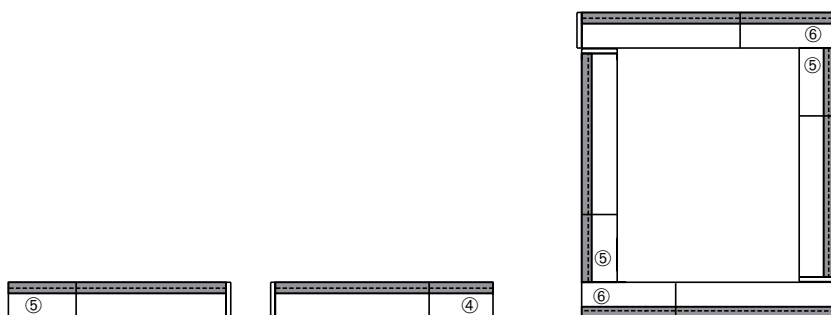
**Note:** GTYPE, HTYPE and LTYPE available in BL or WH finishes only.

**TRAC-MASTER®**

One Circuit Track System

**TRACK SECTION, JOINERS & FEEDS**  
**T Series****Example Track Configurations & Recommended Components (Top Plan View)**

- ① Standard "L" Connector – **T24N**
- ② Standard "T" Connector – **T25**
- ③ Reverse Polarity "T" Connector – **T25 RP**
- ④ Standard "X" Connector – **T26**
- ⑤ Standard End Feed Connector – **T38** (or similar End Feed)
- ⑥ Reverse Polarity End Feed Connector – **T38 RP** (or similar Reverse Polarity End Feed)



(Each run controlled  
by separate feeds)

## ■ lumen output: 925 lms



## ■ specifications: internal

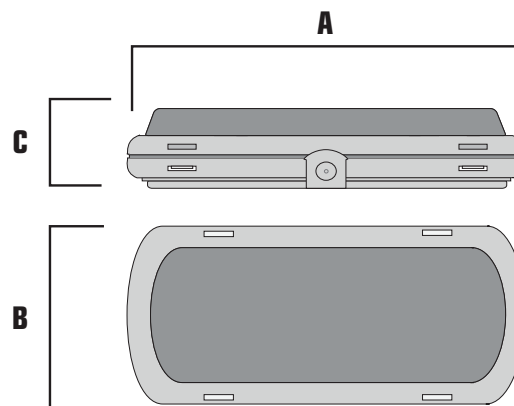
The **TEMPESTA™ LED ECO** is an emergency light suitable for surface or recessed mount and t-bar. It is available with a choice of operations: SE (emergency only) and SA (AC and emergency). Both the **TEMPESTA™ LED ECO** SE and SA versions feature a nickel metal hydride battery that provides a minimum 90 minutes emergency duration. Autotest diagnostics is optional on **TEMPESTA™ LED ECO** SE and SA. **TEMPESTA™ LED ECO** is configured with 120-347V input.

LED boards are positioned for wall mounting when shipped. Boards can be adjusted on-site for ceiling mount installation. Fuse protection is standard.

## ■ specifications: external

The **TEMPESTA™ LED ECO** series housing is constructed with flame and corrosion resistant polycarbonate. Four vandal resistant clips ensure the integrity of the housing. The **TEMPESTA™ LED ECO** comes finished in gray RAL7035 color. The external test switch and multi-colored LED allows maintenance personnel to quickly determine the operational status of the unit. The **TEMPESTA™ LED ECO** diffuser is UV stabilized and provides superior light distribution. The **TEMPESTA™ LED ECO** provides 925 lms while requiring only 11 watts to power.

## ■ dimensions (in,mm)



| MODEL        | A                 | B              | C              |
|--------------|-------------------|----------------|----------------|
| S (surface)  | 17.0" (431.8mm)   | 6.7" (170mm)   | 2.9" (73.6mm)  |
| R (recessed) | 19.25" (488.95mm) | 9.5" (241.3mm) | 3.5" (88.9mm)  |
| TB (t-bar)   | 2.75" (603.25mm)  | 7.5" (190.5mm) | 4.0" (101.6mm) |

## ■ ordering logic

| Series     | Operation                                                                  | Input Voltage  | Options                                                                                                       |
|------------|----------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------|
| TA-LED-ECO | SE (emergency - AC fail only)<br>SA (self-powered - always on / EM backup) | UNV (120-347V) | AT (autotest)<br>RK (recessed kit for drywall/concrete-wall/ceiling)<br>TB (t-bar mount)<br>B (black housing) |

EXAMPLE: TA-LED-ECO-SE-UNV-AT

DESCRIPTION: Tempesta™ LED ECO emergency only, 120-347V, surface mount, autotest diagnostics.

## ■ specifications: battery

The **TEMPESTA™ LED ECO** SE and SA versions comes standard with an environmentally friendly, nickel metal hydride (Ni-Mh) battery that provides a minimum of 90 minutes emergency duration. The primary feature of Ni-Mh batteries is their long life. Ni-Mh batteries are capable of 500 to 1000 charge and discharge cycles and the expected life of the battery is higher than the minimum required by the current technical standards (EN60598-2-22). Ni-Mh batteries are not subject to the “memory effect,” a typical drawback of Ni-Cd batteries, that could result in a reduction in the nominal operation. A further feature of the Ni-Mh batteries is their very high efficiency, more than double that of lead and Ni-Cd batteries.

## ■ temperature

The **TEMPESTA™ LED ECO** SA/ SE operating temperature is 10°C up to 40°C max (50°F/104°F).

## ■ high-output design

**TEMPESTA™ LED ECO** uses high-output Samsung LEDs for energy efficiency and long life coupled with a 2-channel design allowing for redundant LED operation. The redundant LED operation ensures the unit will continue to operate at reduced light output in the event one of the LED boards fails. The **TEMPESTA™ LED ECO** is rated for 100,000 hours at L70.

The **TEMPESTA™ LED ECO** incorporates an efficient, high output lens and reflector. The diffusion lens has been designed to effectively transmit the greatest amount of lumens with the least transmittal loss. The overall design of the **TEMPESTA™ LED ECO** results in great performance and increased fixture to fixture spacing. This in turn reduces installation, operational and maintenance costs.

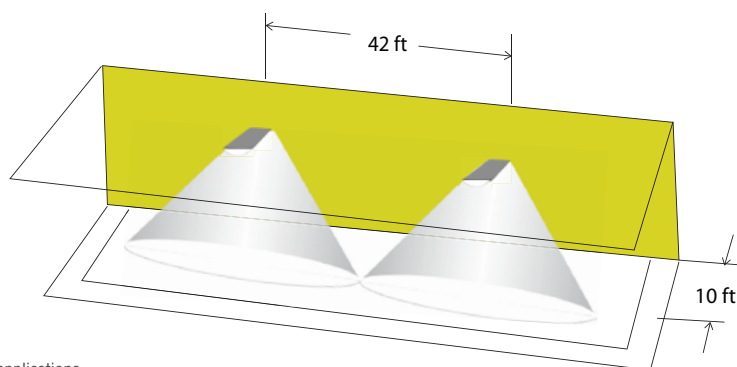
## ■ ac input ratings

| Operation | Voltage (VAC) |                   |             |                   |             |                   |
|-----------|---------------|-------------------|-------------|-------------------|-------------|-------------------|
|           | 120           |                   | 277         |                   | 347         |                   |
|           | Wattage (W)   | Rated Current (A) | Wattage (W) | Rated Current (A) | Wattage (W) | Rated Current (A) |
| SA        | 22.00         | 0.40              | 22.20       | 0.25              | 23.50       | 0.20              |
| SE        | 5.80          | 0.15              | 6.30        | 0.10              | 7.00        | 0.08              |

## ■ performance

- 925 lumens in emergency mode
- CCT: 4000K
- Mounting Height: 10 ft.
- Path of Egress: 10 ft.
- Spacing: 42 ft. on Center
- Reflectances: 80/50/20
- Footcandles: Average 1.0FC

Performance data is an estimate and will vary based on real life applications. Average 1.0FC, no point less than 0.1FC. Layout assumes open space with no obstructions.



## ■ operation

The **TEMPESTA™ LED ECO** is available with a choice of operations: SE (emergency only) and SA (AC and emergency). The **TEMPESTA™ LED** SE (emergency - AC fail only) and SA (always on) comes standard with Ni-MH batteries. Under the SE operation, the unit is normally-off and will illuminate under an AC failure only. SA version is normally-on under SA version is normally-on under normal utility power and the charging circuit maintains the battery at full capacity. The unit may be switched on/off by a built-in 2-wire wall switch control.

## ■ sanitation listed (SL)

The **TEMPESTA™ LED ECO** is sanitation approved. The Intertek verified splash zone listing is certified to the NSF Standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.

## ■ autotest

The Beghelli Autotest feature automatically performs one 5 minute discharge test monthly and every 6 months it performs two full discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multicolored LED.

|                       |                          |
|-----------------------|--------------------------|
| ● Steady Green:       | Normal operation         |
| ● Flashing Green:     | Testing under way        |
| ● Flashing Red/Green: | High Charging            |
| ● Steady Red:         | Battery Disconnected     |
| ● Flashing Red:       | Battery Test Failure     |
| ● Red Double Blink:   | Battery Charging Failure |
| ● Red Three Blink:    | LED Failure              |

## ■ warranty

The **TEMPESTA™ LED ECO** comes with a 3-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

# ELM-LED-803

LED Emergency Light W/ Battery Back-Up

PROJECT NAME:

BOOT BARN

PART #

TYPE:

EM1

Emergency Lighting

**MAXILUME**  
ARCHITECTURAL LIGHTING



## FEATURES

This fixture is an excellent choice when an attractive emergency light is required. In cases of AC power loss, it provides a minimum of 90 minutes illumination. The LED heads may be adjusted through the full range of motion because of the special swivel-track design.

## FACE

- The face has two square LED heads that are fit into bevels on either side and each has a reflector and diffuser

## BATTERY

- Indicator light shows high charge and readiness for operation
- Ni-cad battery works during power failures
- Replaceable and requires no maintenance
- When completely charged, supplies emergency power for 90 minutes

## ELECTRICAL

- 120/277VAC dual voltage, 50/60Hz.
- Charge 24 hours, discharge 100 minutes
- Trickle charge after battery fully charge.
- Test Switch / Charge Indicator light.

## HOUSING

- All components are injection molded, color stable, high impact material.
- Polymeric enclosure that serves to contain electronic part have 5VA flammability rating.
- Black color optional.
- Friendly configuration design for quick installation.
- Fixture can be ceiling, wall mounted.
- Universal J-box mounting pattern.

## MOUNTING

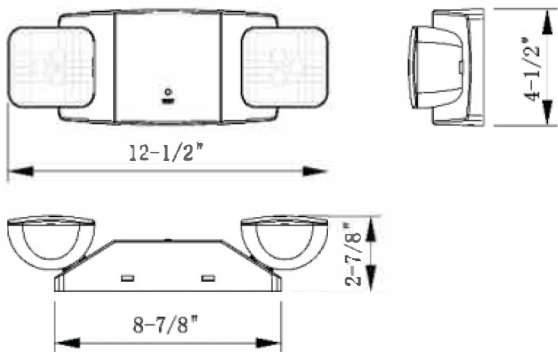
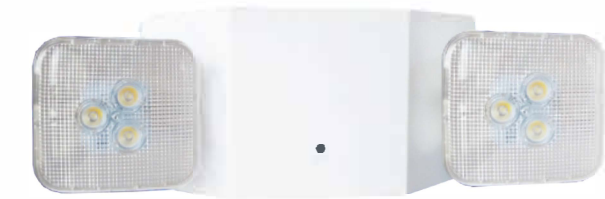
- Suitable for wall mount and ceiling mount.
- Top knockout for conduit applications.

## LAMP HEAD

- Standard model LED lamp head DC 3.6V, 0.9W, deliver 135 lm/head from whole unit, CCT 5700K.

## CODE COMPLIANCE

- UL and cUL listed and meets or exceed all requirement in NFPA 70, NFPA 101 life safety code, suitable for U.S.A and Canada market.
- Suitable for 10°C - 40°C ambient temperature, suitable for damp location.



**ELM-LED-803** - ITEM SELECTOR: (Please check the boxes below for the option desired)

| HOUSING COLOR                      | CANOPY                             |
|------------------------------------|------------------------------------|
| <input type="checkbox"/> W - White | UNIVERSAL MOUNT TO WALL OR CEILING |
| <input type="checkbox"/> B - Black |                                    |

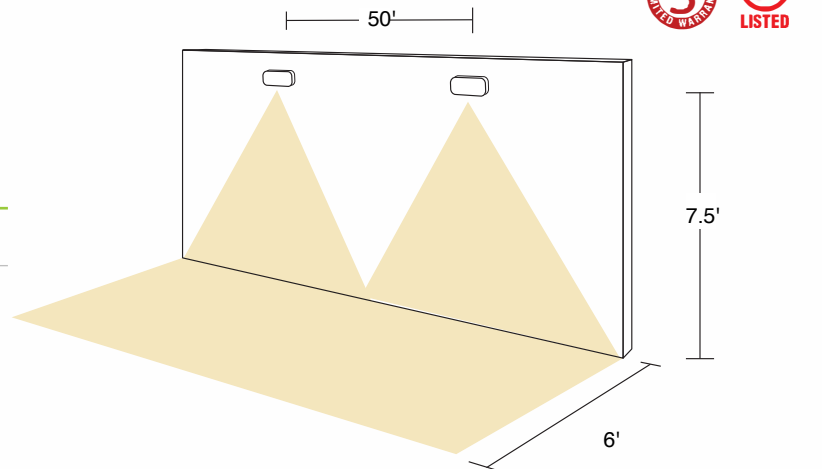
**Specified:**

**ELM-LED-803**

HOUSING COLOR

## Maximum Spacing Guidelines- ELM-LED-803

| Multiple Luminaire Coverage | Mounting Height | Illumination Level |
|-----------------------------|-----------------|--------------------|
| 6' Path of Egress           | 7.50'           | 1fc Average        |



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Specifications and Dimensions  
subject to change without notice.

REV: MAXILUME-SPEC-03-10-2011

# ELX-603

## LED Exit Sign With Battery Back-Up

PROJECT NAME:

BOOT BARN

PART #

TYPE:

EX1

### Architectural

**MAXILUME**  
ARCHITECTURAL LIGHTING

### FEATURES

This fixture is an excellent choice when fast installation and an attractive appearance are priorities. Its long-lasting LEDs consume less than two watts of energy and are rated for a life of up to 25 years. If AC power is lost, the fixture provides at least 90 minutes of illumination and will automatically recharge after discharge. The operation of this product can easily be monitored and controlled with the use of a conveniently located test switch that indicates charge and diagnostic state.

### BODY

- The thermoplastic housing of the product makes it corrosion-proof and scratch-and impact-resistant.
- UV-stabilization prevents discoloration of the product.
- Every fixture includes a canopy, extra faceplate, and replaceable chevron directional indicator knockouts for control of direction.
- Components shaped by precision injection molding and has 1/2" knockouts for the supply of power.

### FACE

- Single or dual configuration. Solid face included if single face appearance is preferred
- 6" high text with color diffusion
- Knockout directional chevrons

### ELECTRICAL

- Consumes only 2 watts of power
- Long-lasting LED sources
- LED lights continue to function while the battery is working
- 120V or 277V dual input with battery back-up

### BATTERY

- Nickel Cadmium, or Ni-Cad, battery
- Internal solid-state wiring for charging purposes
- Indicator light reflects high-Charge and ready operation
- Testing button
- Automatic reset
- Safeguarded against short circuits and brown-outs
- Disconnection is necessary for full discharge

### LIFE SPAN

- LED and PC circuits have a rating of about 25 years without a drop in illumination

### PENDANT MOUNTING KIT

- ELX-603-PENDANT-KIT-BK
- ELX-603-PENDANT-KIT-WH

### LISTED

- UL 924, NFPA, NEC, State & Municipal
- Damp location approved

**ELX-603** - ITEM SELECTOR: (Please check the boxes below for the option desired)

| LETTER COLOR                                       | HOUSING COLOR                                        | MOUNTING OPTIONS                                |
|----------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> <b>G</b> - Green          | <input checked="" type="checkbox"/> <b>W</b> - White | <input type="checkbox"/> ELX-603-PENDANT-KIT-BK |
| <input checked="" type="checkbox"/> <b>R</b> - Red | <input type="checkbox"/> <b>B</b> - Black            | <input type="checkbox"/> ELX-603-PENDANT-KIT-WH |

**Specified:**

**ELX-603**

LETTER COLOR

HOUSING COLOR

MOUNTING



California Title 20 Compliant

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REV: MAXILUME-SPEC-03-10-2011

# ELX-LED-703

## LED Exit/Emergency Light Combination w/ Battery Back-Up

|                                   |        |                     |
|-----------------------------------|--------|---------------------|
| PROJECT NAME:<br><b>BOOT BARN</b> | PART # | TYPE:<br><b>EX2</b> |
|-----------------------------------|--------|---------------------|

### Exit/Emergency Light Combo

**MAXILUME**  
ARCHITECTURAL LIGHTING

**LED**



#### FEATURES

This product is an ideal when both an exit sign and an emergency light are required. Its design makes it suitable for use above doors or in other tight spaces. Full-range control of direction is made possible by the swivel-and-point design of the LED head. The operation of the product can easily be monitored and controlled with the use of a conveniently located test switch that indicates charge and diagnostic state. LED and PC circuitry have a rating of about 25 years without a drop in illumination.

#### BODY

- The thermoplastic housing of the product makes it corrosion-proof and scratch-and impact-resistant.
- UV-stabilization prevents discoloration of the product.
- Every fixture includes a canopy, extra faceplate, and replaceable chevron directional indicator knockouts for control of direction.
- Compartment shaped by injection.

#### FACE

- Single or dual configuration. Solid face included if single face appearance is preferred
- 6" high text with color diffusion
- Knockout directional chevrons

#### MOUNTING

- Unique "snap-together" universal mounting design permits top, back and side mounting. Necessary hardware and canopy are provided electrical

#### ELECTRICAL

- Minimum 90 minutes of illumination
- 120V or 277V Dual Input
- Normally uses 3.8 watts of power, 15 watts in emergency use
- When battery is functioning, LED lights flash
- Emergency lighting by two adjustable, glare-free light heads 1W (8 LED's x 0.125) per head

#### BATTERY

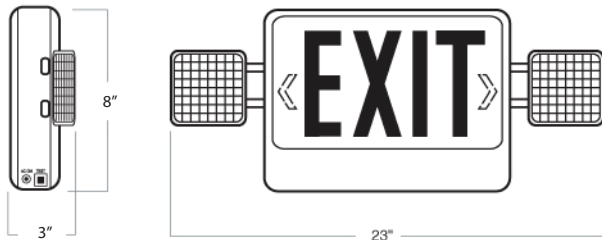
- 9.6V Ni-CD AA700mAh
- Minimum 90 minutes of illumination
- Solid-state internal circuitry for charging

#### TESTING

- Test Button
- Indicator light shows high charge and readiness for operation
- Safeguards against surges and short circuits

#### LISTED

- UL 924, NFPA, NEC, State & Municipal
- Damp location approved
- Certified to CEC under title 20 Regulations



**ELX-LED-703** - ITEM SELECTOR: (Please check the boxes below for the option desired)

| LETTER COLOR                              | HOUSING COLOR                             |
|-------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> <b>G</b> - Green | <input type="checkbox"/> <b>W</b> - White |
| <input type="checkbox"/> <b>R</b> - Red   | <input type="checkbox"/> <b>B</b> - Black |

**Specified:**

**ELX-LED-703**

LETTER COLOR

HOUSING COLOR

**5 YEARS  
LIMITED  
WARRANTY**

**TITLE  
20**

California Title 20 Compliant

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Specifications and Dimensions  
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REV: MAXILUME-SPEC-03-10-2011

# ELX-629

## Remote Capable LED Exit Sign With Battery Back-Up

Architectural

Project Name:

BOOT BARN

Type:

EX3

**MAXILUME**  
ARCHITECTURAL LIGHTING



### HOUSING

Injection-molded thermoplastic ABS housing.

Plastic enclosure with 5VA flame retardant.

Replaceable directional chevron insert are easily remove and reinsert.

Red or green letter with 6 " height and 3/4" stroke.

Single and double face configuration.

### ELECTRICAL

120/277VAC Dual voltage operation.

Test switch and charge rate indicator.

Long-life, maintenance-free, rechargeable Ni-Cad battery.

24/48 hours recharge after 90 minutes discharge.

### ILLUMINATION

6 red or green LED mount on LED PCBA.

Unit provide not less than 8.6cd/mm2 on AC and DC mode.

### MOUNTING

Suitable for wall mounting, ceiling mounting and side mounting.

Housing snaps to canopy with simple twist and locking tightly secure housing to canopy.

### OPTIONS

CT option with self-testing and self-diagnostics.

Remote capability refer to model no. list.

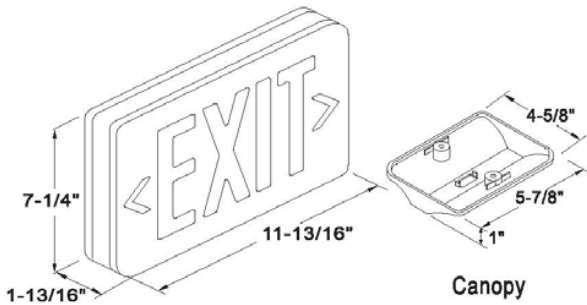
### LISTING

Suitable for use in 10°-40° ambient temperature, suitable for damp location.

UL listed and meets or exceed all requirement in NFPA 70,

NFPA 101 life safety code.

Compliant CEC title 20 efficiency regulations.



**ELX-629** - ITEM SELECTOR: (Please check the boxes below for the option desired)

| LETTER COLOR                                       | HOUSING COLOR                                        | OPTIONS                             | GENERATION                                    |
|----------------------------------------------------|------------------------------------------------------|-------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> <b>G</b> - Green          | <input checked="" type="checkbox"/> <b>W</b> - White | <input type="checkbox"/> <b>SDT</b> | <input checked="" type="checkbox"/> <b>G2</b> |
| <input checked="" type="checkbox"/> <b>R</b> - Red |                                                      |                                     |                                               |

**Specified:**

**ELX-629** \_\_\_\_\_ - **W-G2** \_\_\_\_\_ - \_\_\_\_\_



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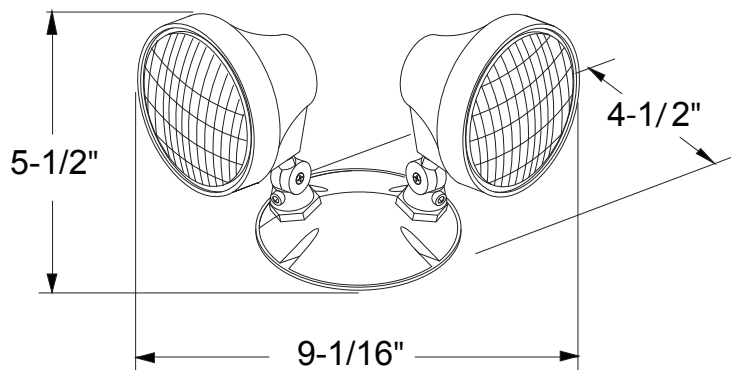
REV: MAXILUME-SPEC-03-17-2023

PROJECT: BOOT BARN  
TYPE: XT



#### FEATURES

- Injection-molded thermoplastic ABS housing.
- Fully adjustable glare-free emergency light heads.
- 5" diameter canopy matching round mounting plate for 3" or 4" box standard.
- DC 3.6~12V input.
- SMD 1W per head



ITEM SELECTOR: (Please check the boxes below for the option desired)

| CATALOG#       | FINISH                                       |
|----------------|----------------------------------------------|
| ELM-LED-863-OT | <input type="checkbox"/> W - White           |
|                | <input checked="" type="checkbox"/> G - Gray |
|                | <input type="checkbox"/> B - Black           |

SPECIFIED:

**ELM-LED-863-OT**

FINISH



PROJECT: BOOT BARN  
TYPE: LAMP-E26

60W  
REPLACEMENT

# LED VST19-3020ea

Lamp Class: ST19 Amber Glass

2200K  
CCT



Amber Glass



## Product Description

**LED VST19-3020ea** delivers superior brightness, valuable energy savings and long lasting performance. LED Filaments along with heat-sink absence unmistakably mimic traditional bulb styles while providing greater light distribution. This ST19 Class LED bulb comes in 2200K CCT (*Warm White*) for charming and hospitable environments.



Estimated Energy Cost: \$0.66 per year

\*Note: Design, features and specifications subject to change without notice. Some features may not be available on all models. Please visit [www.eurilighting.com](http://www.eurilighting.com) or call 1-888-743-5766 for more information.

## Specifications

| Input Power | Input Voltage | Lumen Output | Beam Angle | Center Beam | CCT    |
|-------------|---------------|--------------|------------|-------------|--------|
| 5.5 W       | 120 V         | 500 lm       | 320°       | N/A         | 2200 K |

| CRI | Luminous Efficacy | Power Factor | Input Current | Base/Cap | Lamp Lifespan |
|-----|-------------------|--------------|---------------|----------|---------------|
| 80  | 90 lm/W           | 0.7          | 0.06 A        | E26      | 15,000 Hrs.   |

## Product Features & Benefits



Dimmable



Energy Efficient

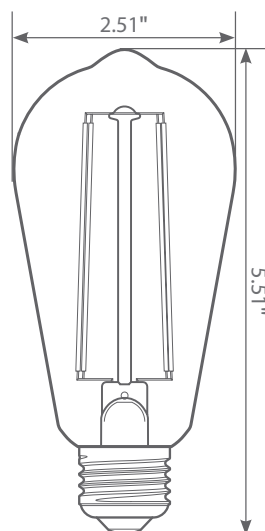


Enclosed Fixture Suitable



Wet Rated

## Product Dimensions



## Product Photometric Data

CURRENTLY  
NOT AVAILABLE

Euri Lighting | A Division of *IRTRONIX* Inc.

20900 Normandie Avenue Suite B Torrance, CA 90502 | Tel: 310.787.1100 | Fax: 310.787.1166 | [www.eurilighting.com](http://www.eurilighting.com)  
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PROJECT: BOOT BARN  
TYPE: LAMP-E12

40W  
REPLACEMENT

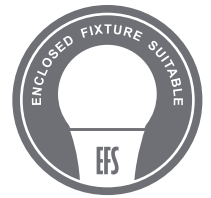
# LED VB10-3020ea-4

Lamp Class: B10 Amber Glass

2200K  
CCT



Amber Glass



## Product Description

**LED** VB10-3020ea-4 delivers superior brightness, valuable energy savings and long lasting performance. LED Filaments along with heat-sink absence unmistakably mimic traditional bulb styles while providing greater light distribution. This B10 Class LED bulb comes in 2200K CCT (*Warm White*) for charming and hospitable environments.



Estimated Energy Cost: \$0.54 per year

## Specifications

| Input Power | Input Voltage | Lumen Output | Beam Angle | Center Beam | CCT    |
|-------------|---------------|--------------|------------|-------------|--------|
| 4.5 W       | 120 V         | 350 lm       | 320°       | N/A         | 2200 K |

| CRI | Luminous Efficacy | Power Factor | Input Current | Base/Cap | Lamp Lifespan |
|-----|-------------------|--------------|---------------|----------|---------------|
| 80  | 77 lm/W           | 0.7          | 0.045 A       | E12      | 15,000 Hrs.   |

## Product Features & Benefits



Dimmable



Energy Efficient

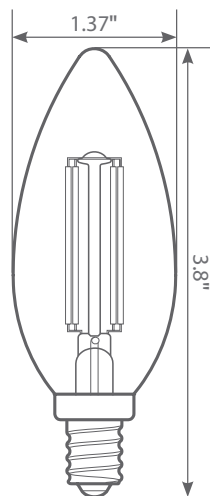


Enclosed Fixture Suitable



Wet Rated

## Product Dimensions



## Product Photometric Data

CURRENTLY  
NOT AVAILABLE

## VB10-3020ea-4

### RECOMMENDED DIMMERS BY BRAND

**LUTRON:** DV-603P 600W, S-600 600W, CT-103P-WH 1000W, CTCL-153P-WH 600W, TGCL-153PLH-WH 600W, DV-603PR 600W, S-600PR-WH 600W, DVW-600PH-WH 600W, DV-600PH-WH 600W, S-603PGH-WH 600W, S-600H-WH 600W, D-600RH-DK 600W, TG-600PH-WH 600W, TG-600PH-IV 600W, CT-600:PR-WH 600W, D-600R-WH 600W, S-603PH-WH 600W, S-600P-WH, DV-600P-WH, SCL-153PH-WH, TG-603PGH-WH, DVCL-153P-WH, MAELV-600-WH

**LEVITON:** 6631-LA 600W, IPI06 600W, S-600P-WH, LIGHT ALMOND NO.6672 600W, 603-6631-A 600W, WHITE NO.IPL06 600W, White/Ivory/Light Almond IPI10-1LZ 600W, IPI06-1LZ 600W, 6681

**LEGRAND:** RHCL453PW, HCL453PTC

**ALMOND:** LUXDM600-12 600W

**CTL:** DM600-12-3/LED/WH 600W

**AH:** SDM3/1000/WHTE 1000W

**GE:** 18024 600W