



Project
Type
Date
Cat #

Application Features

Premium-grade, recessed, lay-in T-Bar luminaire with framed door. For use with indoor applications where high-efficiency, high-performance and ease of installation are required. Its low-profile design makes it ideal for shallow or obstructed plenum applications.

Specifications

Optical System

Standard diffuser is a clear, prismatic pattern #12, acrylic lens. Optional reflectors are available in specular aluminum with a minimum reflectance of 95%.

Mounting

Holes provided for chain-mounting support to building structure. Lay-in type luminaire for exposed grid type acoustical ceiling structure.

Construction

Die-formed, code gauge pre-painted, white steel. Access plate for quick wiring. Knockouts are provided on ends for through wiring. Ballast cover snaps into place eliminating the need for tools when accessing the ballast. Diffuser is held within a hinged door frame. The heavy-gauge door frame hinges downward, on either side, and is held in the closed position by two positive cam latches.

Finish

Pre-painted, high-reflectance white housing.

Electrical

Rotary lampholders ensure positive lamp retention. Sufficient knockouts are provided for connections and through wiring.

Approvals

Approved to CSA and UL standards.

Features

Ideal for shallow or obstructed plenum applications

Available with 2, 3, 4 or 6 lamps (T5, T8 and PLL/Biax configurations)

Clear prismatic acrylic diffuser

Access plate for quick wiring

Available in 2 x 2 and 2 x 4 configurations

Hinges either side - die-formed steel pin hinges

Integral earthquake clips

Options & Adders

Multi-level switching

Dimmable and Emergency ballast

Drywall flange kits available

Gasketing

Regressed aluminum door frame

20 gauge riveted construction

Applications

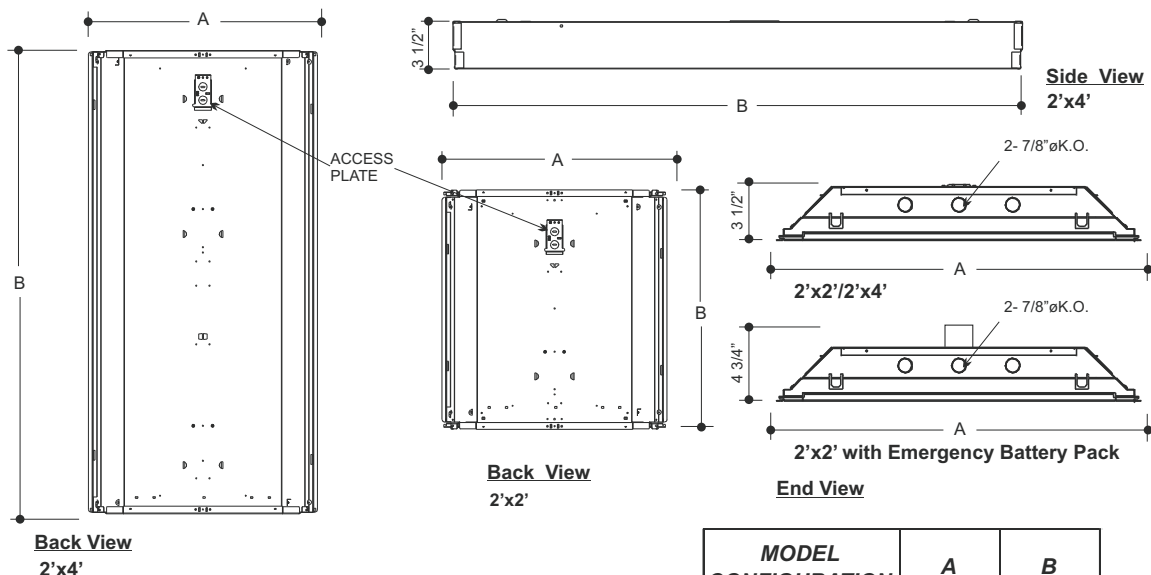
Classrooms

Hospitals

Office Areas

Retail Stores and Supermarkets

Dimensions



MODEL CONFIGURATION	A	B
2'x2'	23 3/4"	23 3/4"
2'x4'	23 3/4"	47 3/4"

Photometrics

Ordering

ERCTB - - Options

Size
(Width x Length)

2x2
2x4

No. of Lamps

2L
3L
4L
6L*

* 2x4 size PLL lamps only

Lamp Watts

See Table below

Voltage

120 - 120V
347 - 347V
UNV - 120-277V
UN4 - 347-480V

Lamp Type

T5
T5HO
T8
T8U2
T8U6
PLI

Ballast Type

N - Instant Start
P - Program Start
R - Rapid Start

Ballast Options

Dallast Options
(See Option Code Section For More Information)

- ☐ B02 Dimming Addressable Digital (dali)
- ☐ B03 Dimming Low Voltage (0-10v)
- ☐ B04 Dimming Line Voltage
- ☐ B08 Ballast - High Ballast Factor
- ☐ B09 Ballast - Low Ballast Factor
- ☐ B30 Emergency Lighting Battery Pack Specification Grade
- ☐ B33 Emergency Lighting Battery Pack 1-lamp
- ☐ B34 Emergency Lighting Battery Pack 2-lamp

Housing Construction Options

- ☐
- C06 Housing 20 Gauge Riveted

Door Frame Options

- ☐
- D2 Door Frame Regressed Aluminum

Gasket Options

- ☐ G2 Dust/Light Leak Gasket (Frame to Housing)
- ☐ G4 Gasket Mounting
- ☐ G5 Dust Gasket (Lens to Frame)
- ☐ G6 Sealed Gasket (Lens to Frame)
- ☐ G7 Gasket (Frame to Housing)

Finish Options

- ☐
- F02 Post Powder Painted (White)

Packaging Options

- ☐
- K0 Pack Bulk/ Pallet Packed and/or Wrapped

Louver Options (in place of lens, select one only)

- ☐ I 11 Louver 1/2 X 1/2 X 1/2 White Eggcrate Acrylic

Lens and Shielding Options (select one only)

(Pattern 12 Prismatic Acrylic is standard)

- | | | |
|--------------------------|-----|---|
| <input type="checkbox"/> | P01 | Drop Dish Acrylic Shaped Vacuum Formed Opal |
| <input type="checkbox"/> | P04 | Smooth Acrylic Opal |
| <input type="checkbox"/> | P05 | Clear Acrylic |
| <input type="checkbox"/> | P07 | Clear Polycarbonate 0.08" Thick |
| <input type="checkbox"/> | P13 | Prismatic Acrylic P12 .125" Thick |
| <input type="checkbox"/> | P16 | Prismatic Polycarbonate P12 .125" Thick |
| <input type="checkbox"/> | P45 | Clear Polycarbonate .125" Thick |

Reflector Options

- ☐ VF1 Reflector VF1 Specular
(95% Reflectance) Aluminum

Wiring Options

- ☐ V08 Flexible Cord Feed (single Circuit Cord)
- ☐ V09 Flexible Whip (standard 6' X 3-18 Ga.)
- ☐ V17 Master / Slave Wiring Master Unit
(contains Ballasts)
- ☐ V18 Master / Slave Wiring Slave Unit
(contains No Ballast)
- ☐ V19 Modular Wiring System. (consult Factory.)
- ☐ V25 Radio Frequency Filter
- ☐ V31 Wiring 1-Switch Lead
- ☐ V33 Wiring 2-Switch Leads
- ☐ V35 Wiring 3-Switch Leads

Approval and Rating Options

- ☐ X7 Dual CSA and USA Markets

Note: Fore recessed drywall applications use either a 2x2 or 2x4 flange kit.

Example:

ERCTB2x44L-T832N120

Lamp Watts

	Nom. Lamp Watts					
Size	T5	T5HO	T8	T8U2	T8U6	PLL/ Biax
2x2 (750x750)	14 (2, 3 or 4 lamps)	24 (2, or 4 lamps)	17 (2, 3 or 4 lamps)	31 (2, or 4 lamps)	32 (1 or 2 lamps)	40, 50, 55 (2, 3 or 4 lamps)
2x4 (500x1500)	28 (2,3,4 lamps)	54 (4,6, or 8 lamps)	32 (2,3,4 lamps)			

Other options may be available consult factory.
Specifications and data subject to change without notice.