GELB Lighting
2411 45th St, Astoria,
NY Tel (718) 956-3095 Fax (718) 956-2067

TDXI - Troffer Dish Lensed

Premium-Grade Recessed Direct/Indirect Lensed T-Bar Luminaire

Product Specifications - Application Features

Premium-grade, recessed, lay-in direct/indirect coffered T-Bar troffer with modern styling and high visual comfort. For use with indoor applications where contemporary styling and energy-efficiency are primary considerations. This luminaire's design provides a high-efficiency, cooler operating temperature.

Light Fixtures Now available with
High Efficiency LED Tubes

Product Specifications

Optical System

Standard "wing" lenses are made with white acrylic. Side lens is retained by fixture flange and is easily removed for maintenance. Indirect reflectors are precision formed and contoured to provide soft, low-glare, indirect illumination, while maintaining high-efficiency and a wide, uniform light distribution. *Optional round or rectangular slotted basket sides are available.

Mounting

This luminaire has been specifically designed for T-Bar applications.

Construction

Die and brake-formed, heavy-gauge steel housing assembly. Die-formed, perforated, cold rolled steel shielding. Precision-formed steel reflector.

Finish

White polyester powder painted visible surfaces.

Electrical

Rotary lampholders ensure positive lamp retention. All electrical components are CSA approved or UL listed. See product selection for optional ballasts. Sufficient knockouts are provided for connections and through wiring. Access plate is located on the back of the unit for connections and through wiring.

Approvals

Approved to CSA and UL standards (UL, or equivalent, marked only when specified).

Notes

Product Features

- Available with 1, 2 or 3 lamps
- Centre lens basket hinges to the side and swings down for easy re-lamping
- Available in 2 x 2 and 2 x 4 configurations
- Available in T5, T8 and PLL/Biax configurations

Options& Adders

- Lamps available (please specify colour temperature and wattage)
- Dimmable ballast
- Emergency ballast
- Drywall flange kits available
- Round perforations or rectangular slots available on the side of the basket
- 20 gauge heavy-duty construction
- Flexible metal whip - 6 foot x 3/18 gauge conductors
- Modular wiring system

Applications

- Classrooms
- Office Areas
- Retail Stores & Boutiques

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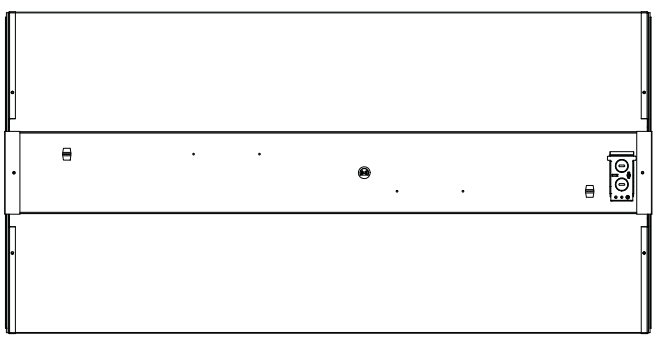
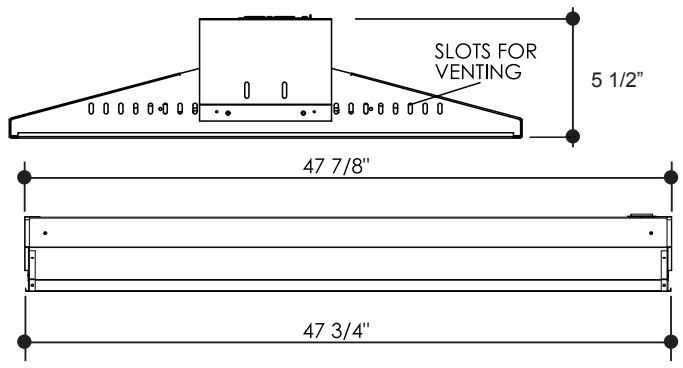
Product Details

Dimensions





Ordering

TDXI [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] **Options**

Size (Width x Length)
1x4
2x2
2x4

No. of Lamps
1L
2L
3L

Lamp Type
T5
T5HO
T8
PLL

Lamp Watts
See table below

Ballast Type
N - Instant Start
P - Prog. Start
R - Rapid Start

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

Example:

TDXI2x42L-T5HO54PUNV

Lamp Watts

Size	Nom. Lamp Watts T5	T5HO	T8	PLL/Biax
1x4	28	54	32	-
2x2	14	24	17	40, 50, 55
2x4	28	54	32	-

Certain configurations may not be available. Consult the factory for more information.

Note: For recessed drywall applications,

Ballast Options
(See Option Code Section For More Information)

- ☐ B01 Ballast Disconnect - In-line Power Disconnect (CSA-UL Req'd For Voltages above 150v)
- ☐ B02 Dimming Addressable Digital (dali)
- ☐ B03 Dimming Low Voltage
- ☐ 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

Packaging Options

- ☐ K0 Bulk Pack

Basket Side Options
(Solid Basket Side is Standard)

- ☐ C24 Shield Rectangular Slots Matte White
- ☐ C26 Shield Perforated Hole Pattern Matte White

Diffuser Options
(White Acrylic Lens Is Standard - P04)

- ☐ P41 Frosted Acrylic Lens

Fusing and Breaker Options (select one only)

- ☐ T5 Fuseholder, In-line Double Pole
- ☐ T6 Fuseholder, In-line Single Pole

Wiring Options

- ☐ V09 Flexible Whip (standard 6' X 3-18 Ga.)
- ☐ V19 Modular Wiring System.
- ☐ V25 Radio Frequency Filter

Approval and Rating Options

- ☐ X6 USA Market
- ☐ X7 CSA and USA Market

Other options may be available.