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

TDCN - Troffer Dish Center Basket (Narrow Basket)

Premium-Grade Recessed Direct/Indirect Centre Basket 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 low-glare, high-quality and ease of installation are required. This luminaire comes with a single basket-shaped perforated metal shield with integrated metal crossblade baffle.

Light Fixtures Now available with
High Efficiency LED Tubes

Product Specifications

Optical System

Narrow basket shield is perforated for direct/indirect illumination and contains a white opal acrylic overlay, which is secur ed in place with spring latches. Indirect reflectors are precision formed and contoured to provide soft, low-glare, indirect illumination, while maintaining high-efficiency and a wide, uniform light distribution.

Mounting

This luminaire has been specifically designed for T-Bar applications. Holes provided for chain-mounting support to building structur e. Integral earthquake clips.

Construction

Die-formed and riveted, heavy-gauge steel housing assembly. Die-formed, perforated, cold rolled steel shielding. Pr ecision-formed steel reflector.

Finish

White polyester powder painted visible surfaces.

Electrical

Rotary lampholders ensure positive lamp retention. All electrical components are CSA appr oved or UL listed. See product selection for optional ballasts. Sufficient knockouts are provided 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, 3 or 4 lamp cross section
- Available in 1 x 4, 2 x 2 and 2 x 4 configurations
- Translucent, opal white acrylic diffuser overlay
- Single, narrow basket-shaped perforated metal shield
- Available in T5, T8 and PLL/Biax configurations

Options& Adders

- Lamps available (please specify colour temperature and wattage)
- Multi-level switching
- Dimmable ballast
- Emergency ballast
- Radio interference filter (120V - 277V)
- 2 x 2 and 2 x 4 flange kits available
- 20 gauge riveted or welded construction
- Flexible metal whip - 6 foot x 3/18 gauge conductors
- Modular wiring system (consult factory)

Applications

- Classrooms
- Corridors
- Office Areas
- Retail Stores & Supermarkets

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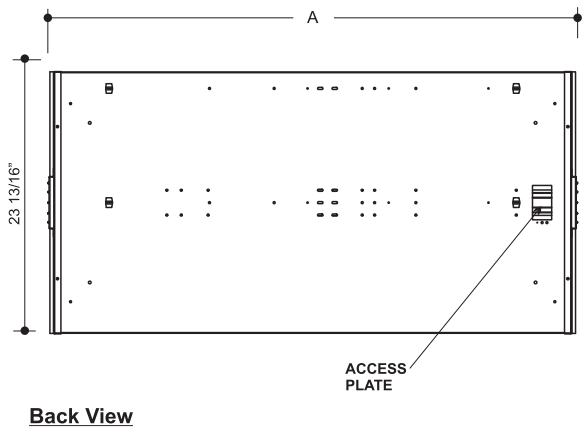
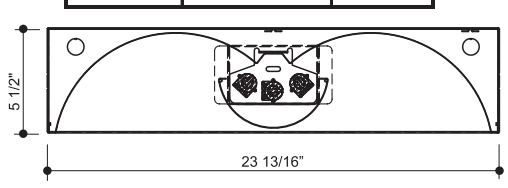
Product Details

Dimensions



Back View

MODEL	NOMINAL LENGTH	A
1x4	48"	47 3/4"
2x2	24"	23 3/4"
2x4	48"	47 3/4"



STATIC - 3 LAMP SHOWN
Cross Section

Ordering

TDCN [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] **Options**

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

No. of Lamps
1L
2L
3L
4L*
*2x4 PLL only

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:
TDCN2x42L-T528PUNV-B01C25

Lamp Watts

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

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

Note: For recessed drywall applications, use either a 1x4, 2x2 or 2x4 flange kit

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 Spec Grade
- ☐ B33 Emergency Lighting Battery Pack 1-lamp
- ☐ B34 Emergency Lighting Battery Pack 2-lamp

Housing Construction Options (select one only)
White perforated shield is standard

- ☐ C06 Housing 20 Gauge Riveted
- ☐ C07 Housing 20 Gauge Welded
- ☐ C25 Shield Non-Perforated Matte White

Packaging Options

- ☐ K0 Bulk Pack

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. (consult Factory.)
- ☐ V25 Radio Frequency Filter

Approval and Rating Options

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

Other options may be available.