ProductSpecifications - Application Features

Premium-grade, recessed, high-performance, lay-in direct/indirect coffered T-Bar troffer with modern styling and high visual comfort. For use in indoor applications where low-glare, high-quality and ease of installation are required. This fixture's spring hooks allow for perforated metal shields to lift out for easy re-lamping and conceal lamps with aesthetic reveal.

ProductSpecifications

Optical System

Shields are perforated for direct and indirect illumination and contain a translucent opal white acrylic overlay diffuser for visual comfort. Indirect reflectors are precision formed and contoured to provide soft, low-glare indirect illumination while maintaining high-efficiency and a wide uniform lighting distribution.

Mounting

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

Construction

Die-formed and riveted, heavy-gauge steel housing assembly. Seamless one-piece spun dome reflector. Die-formed, perforated cold rolled steel shielding. Metal shielding is held in place by spring hooks for easy installation and re-lamping. Wiring access plate and knockouts are provided on back of housing.

Finish

White (matte), polyester painted visible surfaces.

Electrical

All electrical components are CSA approved or UL listed. Locking lamp holders provided ensure positive lamp retention. See product selection for optional ballasts. Ballast disconnect included where required.

Notes

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

ProductFeatures

- Available with 4 T5 or up to 8 PLL lamps
- Four sided basket-shaped perforated metal shields
- Translucent, opal white acrylic diffuser overlay
- Available in 2x2, 3x3 and 4x4 configurations
- Integral earthquake clips
- Available in T5 and PLL configurations

Options&Adders

- Lamps available (please specify colour temperature and wattage)
- Multi-level switching
- Dimmable ballast
- Emergency ballast options
- Radio frequency suppressor
- 1x4, 2x2 and 2x4 flange kits available (see page 237)
- Non-perforated matte white shield
- 20 gauge heavy-duty construction
- Flexible metal whip - 6-ft x 3-18 gauge conductors
- Modular wiring system (consult factory)

Applications

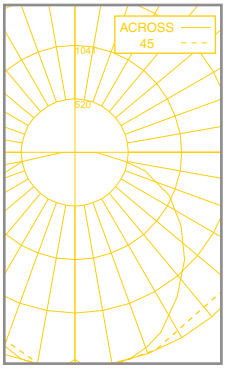
- Classrooms
- Corridor Lighting
- Office Area Lighting
- Retail Stores & Supermarkets

TDQW - Troffer Dish Quad Basket

Recessed Direct/Indirect Quad Basket T-Bar Luminaire

Photometrics - TDQW2X24L-T514PUNV - Efficiency 37.9%

Candle Distribution



Luminance Summary-CD. / SQ. M.

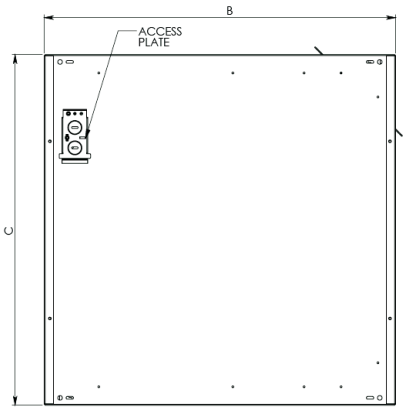
ANGLE	ALONG	45	ACROSS
45	1893	1808	1797
55	1982	1850	1842
65	2097	1986	1962
75	2360	2173	2292
85	1848	1778	2088

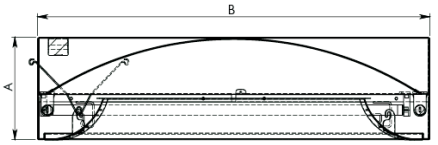
Candle Power Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	489.47	9.10	23.90
0 - 40	808.89	15.00	39.50
0 - 60	1481.19	27.40	72.40
0 - 90	2047.13	37.90	100.00
40 - 90	-	-	-
60 - 90	-	-	-
90 - 180	-	-	-
0 - 180	2047.13	37.90	100.00

ProductDetails

Dimensions





MODEL	A	B	C
2x2	6 1/16"	23 3/4"	23 3/4"
3x3	7 3/4"	35 3/4"	35 3/4"
4x4	9 1/16"	47 3/4"	47 3/4"

Ordering

TDQW [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] **Options**

Size (Width x Length)
2x2
3x3
4x4

No. of Lamps
4L
8L*
* PLL/BIAX Only

Lamp Type
T5
T5HO
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

Lamp Watts

Size	Nom. Lamp Watts T5	T5HO	PLL/Biax
2x2	14	24	40, 50, 55
3x3	21	39	-----
4x4	28	54	40, 50, 55

Options

Ballast Options
- ☐ 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
- ☐ C07 Housing 20 Gauge Welded

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

Note: For recessed drywall applications use either a 1x4, 2x2 or 2x4 flange kit (page 237).