ProductSpecifications - Application Features

Specification-grade, recessed, drywall luminaire provides a soft, glare-free, luminous sky-scape with ultra-modern styling and high visual comfort. For use with indoor applications where high-efficiency and visual impact are the primary considerations. This luminaire's spring hooks allow for door frame to easily lift out for re-lamping and conceal lamps with aesthetic reveal..

ProductSpecifications

Optical System

Standard diffuser is a concave opal acrylic lens. Optional diffuser is flat opal.

Construction

Die-formed, code gauge post-painted 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 in place with springs.

Finish

White, polyester powder painted housing.

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.

Approvals

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

Notes

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

ProductFeatures

- Opal, acrylic concave lens
- Heavy-duty construction
- Access plate for quick wiring
- Available with 1, 2, 3, 4, 6 or 8 lamps
- Available in 1x1, 2x2, 3x3 and 4x4 configurations
- Available in T5, T8 and PLL/Biax configurations

Options&Adders

- Lamps available (please specify colour temperature and wattage)
- Dimmable ballast
- Emergency ballast
- Radio interference filter (120V - 277V)
- Optional lenses, see product selection
- 20 gauge riveted construction
- 20 gauge welded construction
- Consult factory for other finishes

Applications

- Call Centres
- Corridors
- Hotels
- Office Areas
- Recreation Rooms
- Restaurants
- Retail Stores & Supermarkets

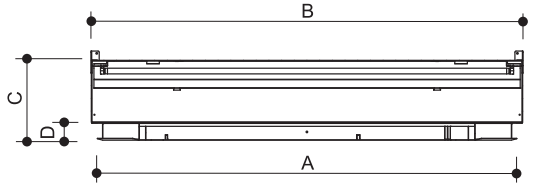
TDCR - Troffer Dish Circular Recessed

Specification-Grade Recessed Static Circular Lensed Drywall Luminaire

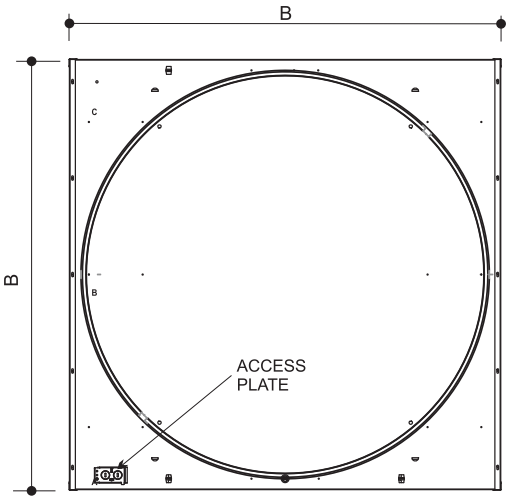
Photometrics - Please consult www.viscor.com for photometric results.

ProductDetails

Dimensions



Cross Section



Back View

MODEL	A	B	C	D
1x1	10 3/4"	12"	8 7/8"	1 7/8"
2x2	22 3/4"	24"		
3x3	34 3/4"	36"		
4x4	46 3/4"	48 1/16"		

Ordering

TDCR [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] Options

Size (Width x Length)
1x1
2x2
3x3
4x4

No. of Lamps
1L
2L
3L
4L
6L
8L

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:

TDCR2x24L-T5HO54PUNV-B01C06V25

Lamp Watts

Size	Nom. Lamp Watts T5	T5HO	T8	PLL/Biax
1x1 (300x300)				18 (1 or 2 lamps)
2x2 (600x600)	14 (2, 3 or 4 lamps)	24 (2 or 4 lamps)	17 (2, 3 or 4 lamps)	40, 50, 55 (2, 3 or 4 lamps)
3x3 (900x900)	21 (4 or 6 lamps)	39 (4 or 6 lamps)	25 (4 or 6 lamps)	
4x4 (1200x1200)	28 (2, 3 or 4 lamps)	54 (4, 6 or 8 lamps)	32 (2, 3 or 4 lamps)	

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

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 Options

- ☐ C06 Housing 20 Gauge Riveted
- ☐ C07 Housing 20 Gauge Welded

Packaging Options

- ☐ K0 Pack Bulk

Lens and Shiellding Options

- ☐ P04 Flat Acrylic Lens
- ☒ P58 Concave Acrylic Lens

Wiring Options

- ☐ V25 Radio Frequency Filter

X = Standard Option
Other options may be available.