

LTDCR-XL

LED Architectural Circular Recessed Troffer 4x4

Project:	Catalogue:	Type:
Notes:		

Product Description

Specification-grade, recessed luminaire provides a soft, glare-free, luminous skyscape with ultra-modern styling and high visual comfort. This IC-rated luminaire is for use with indoor applications where high-efficiency and visual impact are the primary considerations.

Applications

Call Centers, Corridors, Hotels, Office Areas, Recreation Rooms, Restaurants, Retail Stores and Supermarkets, Atriums, Lobbies

Features

- Opal, acrylic concave lens
- Heavy-duty construction
- Standard low voltage dimming (0-10v)
- Access plate for quick wiring
- For use in insulated ceilings

Featured Options

- Emergency battery pack
- Optional lenses, see product selection
- Convex Lenses
- Also available in 1x1, 2x2, and 3x3 ([click here](#))

Optical System

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

Mounting

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

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

Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance >60,000 hours. Sufficient knockouts are provided for connections and through wiring.

Warranty

5 year limited warranty. For complete warranty, click here:

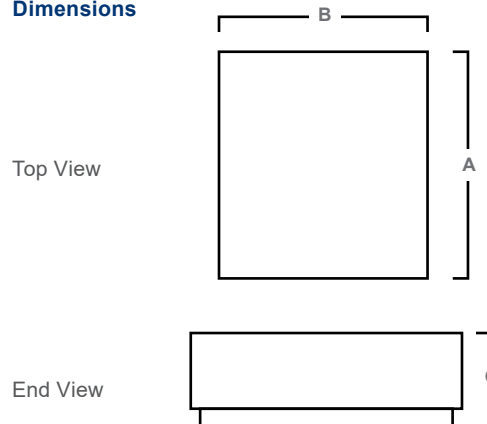


Approvals

- Approved to CSA/UL standards.
- UL listed for insulated ceilings.



Dimensions



Size	A	B	C
4x4	46 3/4"	46 3/4"	7.5"

Consult installation guide for exact dimensions.

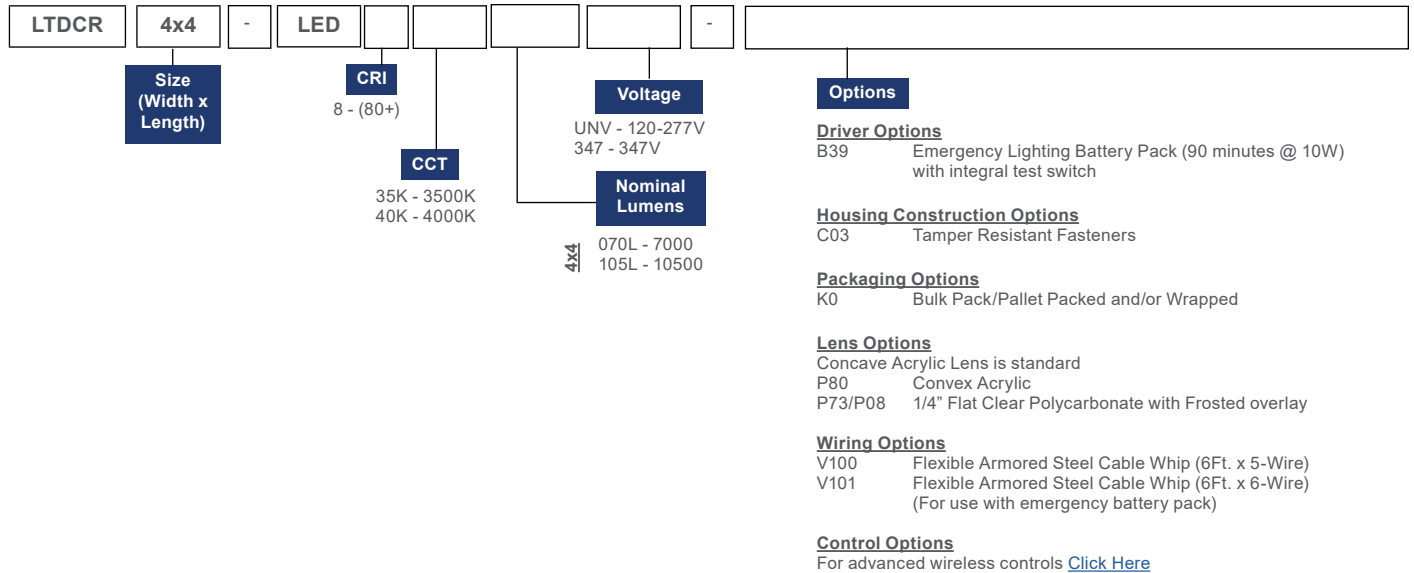
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Order Key

EXAMPLE: LTDCR4x4-LED840K022LUNV



Performance Data

LED Performance Data				
Size	Nominal Lumens	Delivered Lumens	Watts	Lumens per Watt
4x4	7000	7065	66.8	105.7
	10500	10541	103.3	102.1

Values based on 840K with standard lens at 25C

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

Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946

Lifetime Expectancy

	Calculated Hours	Reported Hours
L70	≥ 238,000	> 60,000
L80	≥ 149,000	> 60,000
L90	≥ 71,000	> 60,000

EM Ordering Guide

EM Function	Order Code	Description	Notes
Standard EM	B39	10W EM battery pack	Standard 10W output, 90 minute run time in emergency mode.
High Wattage EM	B39(20W)	20W EM battery pack	Standard 20W output, 90 minute run time in emergency mode.
347V EM	347...B39	8W 347V EM	Fixture part number indicates 347V input voltage.
347 High Wattage EM	347...B39(20W)	20W 347V EM battery pack	Fixture part number indicates 347V input voltage.
Self Testing EM	B39(SD)	10W Self test EM	Self test instructions provided with each fixture. Digital copies available as needed.
Cold Weather	B06...B39	10W Cold Weather EM suitable to -20C	Standard EM pack 0°C minimum temp.
120 Minute EM	B39(2HR)	EM with 120 minute minimum run time	Standard 14W output, 120 minute run time in emergency mode.
Specified EM	B39(xx)	Customer to specify brand, model number and/or feature.	xx Indicates model number of specified by Viscor.

Flange Kits (Ordered Separately)	
Size (Width x Length)	Item No.
1x4	KIT00136
2x2	KIT00137
2x4	KIT00138

Surface Kits (Ordered Separately)	
Size (Width x Length)	Item No.
1x4	KIT00373
2x2	KIT00374
2x4	KIT00375