

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
- Available in 1x1, 2x2, 3x3 and 4x4 configurations
- For use in insulated ceilings

Featured Options

- Emergency battery pack
- Optional lenses, see product selection
- Convex Lenses

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 >50,000 hours. Sufficient knockouts are provided for connections and through wiring.

Warranty

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

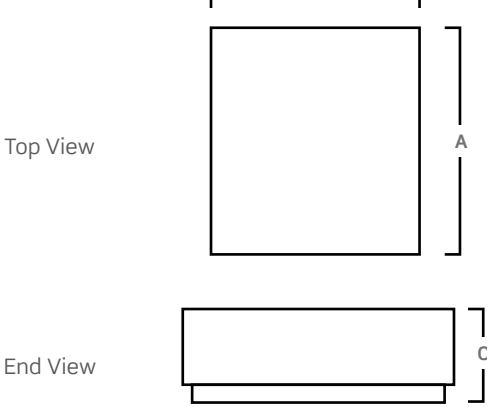


Approvals

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



Dimensions



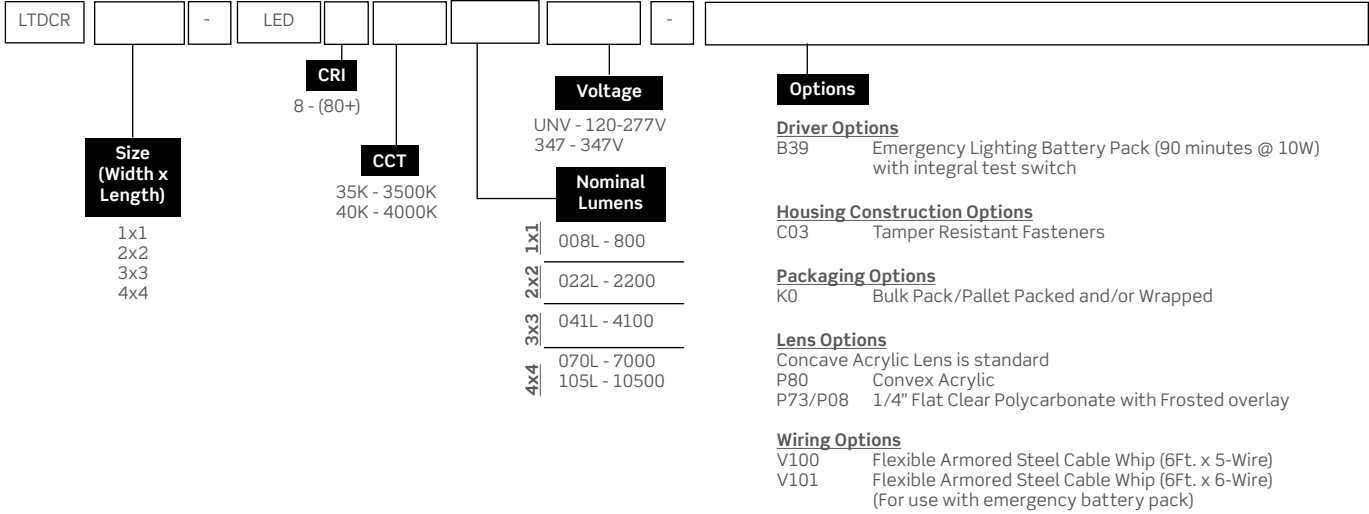
Size	A	B	C
1x1	10 3/4"	10 3/4"	5"
2x2	22 3/4"	22 3/4"	5"
3x3	34 3/4"	34 3/4"	7.5"
4x4	46 3/4"	46 3/4"	7.5"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: LTDCR2X2-LED840K022LUNV



Performance Data

LED Performance Data		
Size	Nominal Lumens	Watts
1x1	800	13
2x2	2200	33
3x3	4100	76
4x4	7000	86
	10500	100

Values based on 840K with standard lens at 25C

Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

Lifetime Expectancy

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

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