

OnCurve Concave

LED - Architectural Recessed Troffer with Concave lens

Project:	Catalogue:	Type:
Notes:		

Product Description

Premium-grade, recessed, lay-in T-Bar troffer with modern styling and high visual comfort featuring a single concave lens. For use with indoor applications where high efficiency, high performance and ease of installation are required.

Applications

Office Areas, Retail Stores, Classrooms, Hospitals, Nursing Homes, and Hospitality

Features

- 1x4, 2x2, 2x4 and 20x60 configurations
- Standard low voltage dimming (0-10v, 1%)
- For use in insulated ceilings

Featured Options

- Emergency lighting battery pack
- Intellect occupancy/daylight sensor

Optical System

Frosted curved single-piece diffuser.

Mounting

This luminaire has been specifically designed for T-Bar applications. Integral earthquake clips.

Construction

Die-formed, cold rolled heavy-gauge steel housing assembly. Wiring access plates and knockouts are provided on back of housing.

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. Standard low voltage dimming (0-10v) driver.

Warranty

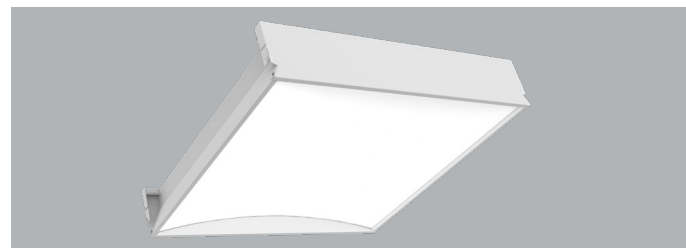
5 year limited warranty. For complete warranty, click here:



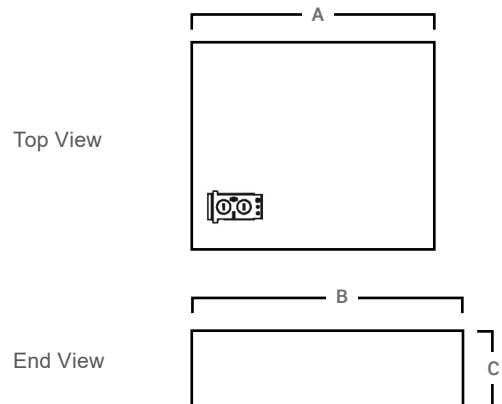
Approvals

- ETL listed.
- Suitable for dry and damp locations.
- DesignLights Consortium®

All configurations may not be DLC qualified. Check www.designlights.org/QPL for qualified configurations.



Dimensions



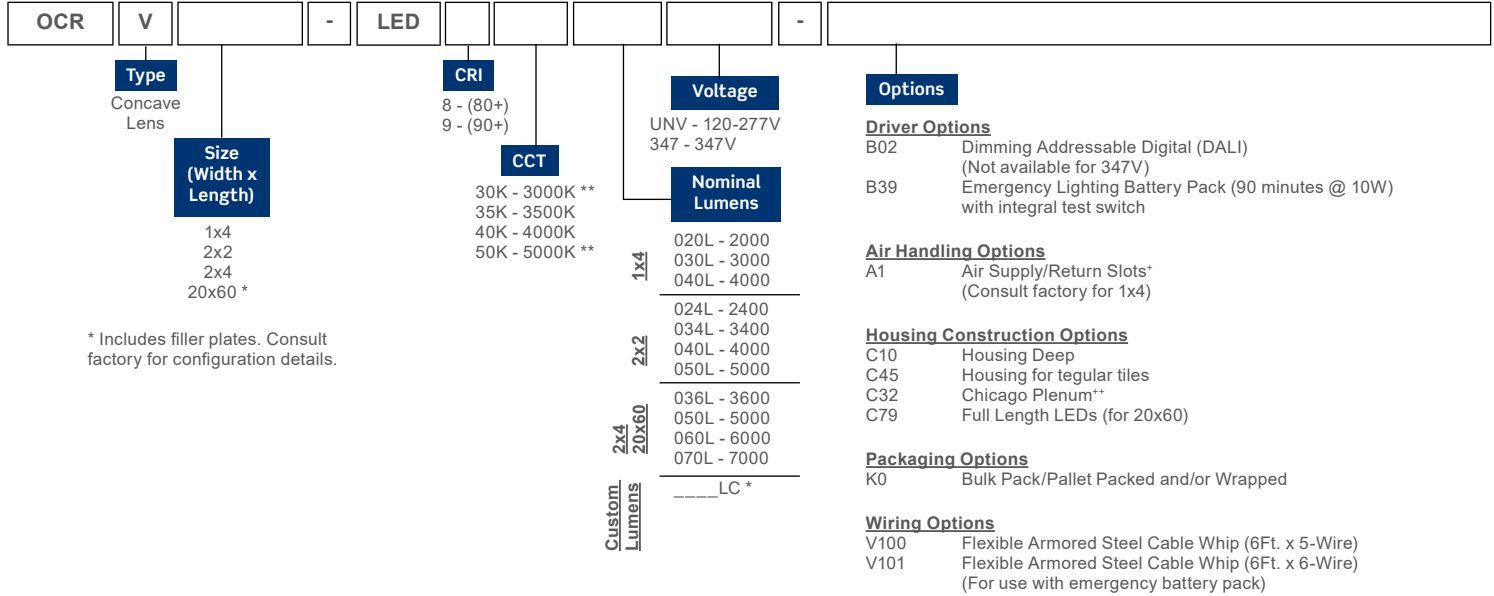
Size	A	B	C
1x4	47.75"	11.75"	4.5"
2x2	23.75"	23.75"	4.5"
2x4	47.75"	23.75"	4.5"
20x60	59.75"	19.75"	4.5"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: OCRV2x2-LED840K040LUNV



* Includes filler plates. Consult factory for configuration details.

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** Consult factory for availability

* A1 - Not available with Chicago Plenum

** C32 Not available with Air Supply Return Slots

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

Performance Data

LED Performance Data				
Size	Nominal Lumens	Delivered Lumens	Watts	Lumens Per Watt
1x4	2000	1974	17	120
	3000	3116	26	120
	4000	4062	36	113
2x2	2400	2445	19	129
	3400	3406	28	120
	4000	4181	35	118
2x4 20x60	5000	5073	42	122
	3600	3601	27	135
	5000	4879	37	132
	6100	6000	47	130
	7000	7016	54	129

Values based on 840K with standard lens at 25°C

*Custom Lumens		
Size	Nominal Lumens Range	Watts
1x4	2000 - 4000	17 - 36
2x2	2400 - 5000	20 - 45
2x4	3600 - 7000	28 - 55

*3000Lm Example:
OCRV2x2-LED840K030LCUNV

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

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

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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.