

# ONCURVE WAVE 4x4

LED - Architectural Recessed Troffer with Concave and Convex lens

Project:	Catalogue #:	Type:
Notes:		

## Product Description

Premium-grade, recessed, lay-in T-Bar troffer with modern styling and high visual comfort featuring a double concave and a double convex 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, Hospitality

## Features

- 4x4 configurations
- Standard low voltage dimming (0-10v, 1%)
- For use in insulated ceilings

## Optical System

Frosted curved quadruple-piece lay-in 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 > 50,000 hours. Standard low voltage dimming (0-10v) driver.

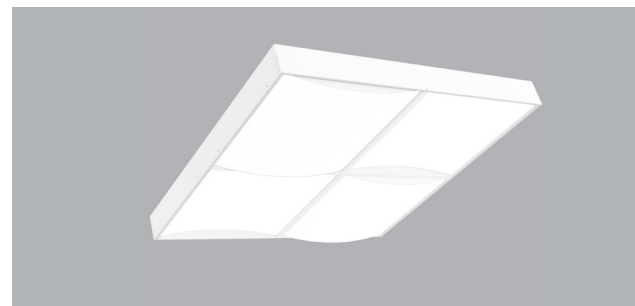
## Warranty

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

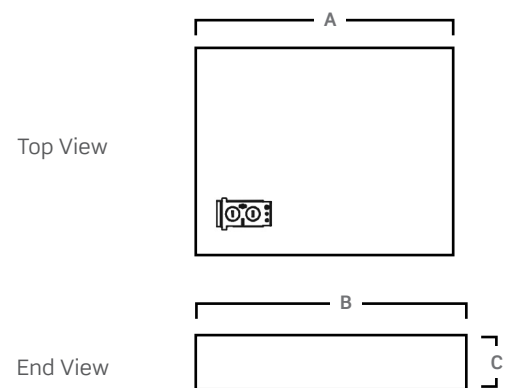


## Approvals

- ETL Listed.
- Suitable for damp locations.



## Dimensions



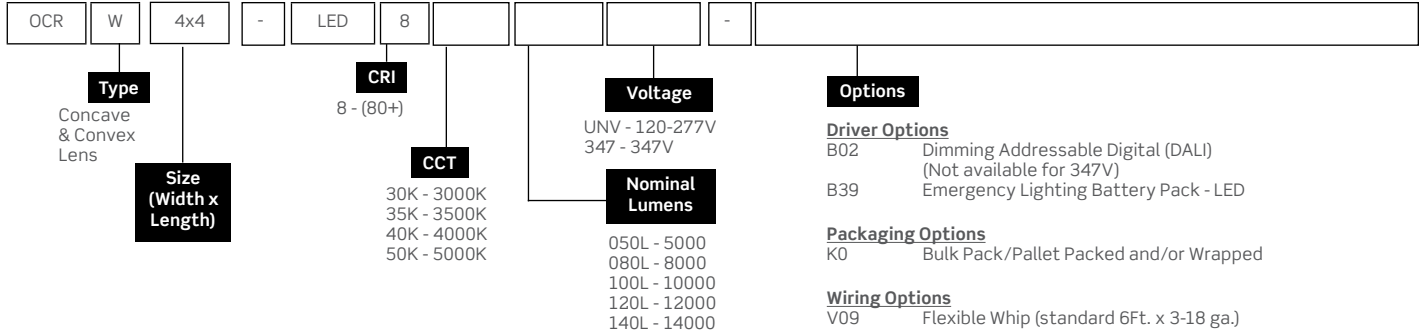
Size	A	B	C
4x4	47.75"	47.75"	4.5"

Consult installation guide for exact dimensions.

Project:	Catalogue #:	Type:
Notes:		

### Order Key

**EXAMPLE: OCRW4x4-LED840K040LUNV**



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
4x4	5000	5093	37	139
	8000	7985	57	140
	10000	10445	74	140
	12000	12278	87	140
	14000	14100	101	140

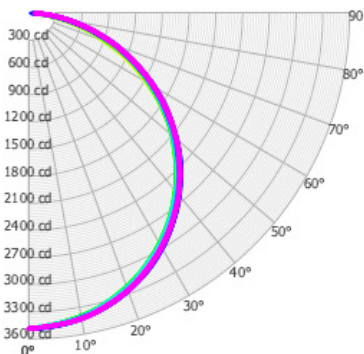
Values based on 840K with standard lens at 25C

### 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

### Photometrics

IES File: **WAVEW4X4-LED840K100LUNV**  
 Lumens: **10445**  
 Wattage: **74**  
 Efficacy: **141**



### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0.0° - 30.0°	2710	-45,169.3%	25.9%
0.0° - 40.0°	4456	-74,265.9%	42.7%
0.0° - 60.0°	7960	-132,666.8%	76.2%
0.0° - 90.0°	10302	-171,706.9%	98.6%

### Average Luminance Table (cd/m<sup>2</sup>) CP Summary

	0.00°	45.00°	90.00°
0.00°	2381	2381	2381
45.00°	2306	2270	2308
55.00°	2246	2201	2248
65.00°	2141	2081	2137
75.00°	1961	1892	1866
85.00°	2066	1764	1121

### Coefficients of Utilization

pc	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	119	119	119	116	116	116	110	110	110
1	108	103	99	105	101	97	100	96	93
2	98	89	82	95	87	81	90	84	78
3	89	78	70	86	77	69	82	73	67
4	81	69	60	79	68	59	75	65	58
5	75	62	53	73	61	52	69	58	51
6	69	56	46	67	55	46	63	53	45
7	64	50	41	62	49	41	59	48	40
8	60	46	37	58	45	37	55	44	36
9	56	42	34	54	41	33	51	40	33
10	52	39	31	51	38	31	48	37	30

Effective Floor Cavity Reflectance: 20%