ONCURVE WAVE 4x4

LED - Architectural Recessed Troffer with Concave and Convex lens



Project:	Catalogue #:	Туре:
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:



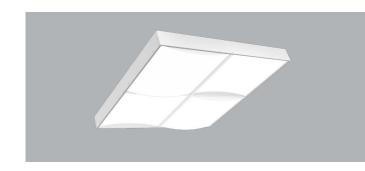


Approvals

- ETL Listed.
- Suitable for damp locations.



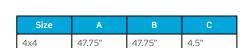




Dimensions

Fnd View

Top View



Consult installation guide for exact dimensions.

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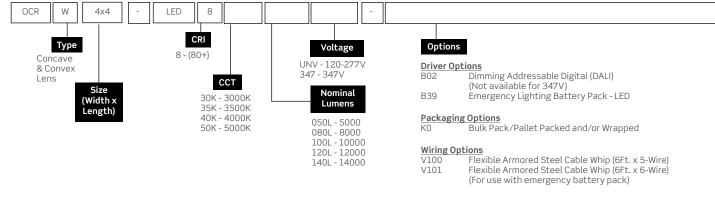
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Order Key

EXAMPLE: OCRW4x4-LED840K040LUNV



<u>Controls Options</u> For advanced wireless controls <u>Click Here</u>.

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

Performance Data

LED Performance Data						
Size	Size Nominal 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

WAVEW4X4-LED840K100LUNV

Performance Scaling Factor

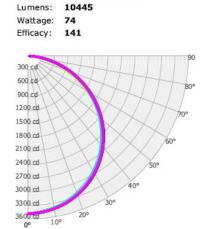
	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

Lifetime Expectancy

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

Photometrics

IES File:



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/m2) **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

рс		80%			70%			50%	
ρw	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%