WPC2

LED Linear Wrap

Project

Catalog

Type

Date

Product Description

The WPC2 LED Linear Wrap is an economical, energy-efficient lighting alternative to traditional fluorescent wrap fixtures. The WPC2's modern design features a curved, milky-white lens that offers a more polished aesthetic while eliminating hotspots. This versatile fixture is easy to surface mount on both ceilings and walls, making it ideal for general ambient lighting in retail, warehouse, residential utility, and light commercial or industrial applications. Standard with 0-10VDC dimming.

Construction
- Durable steel construction with powder coat finish
- Smooth formed sides for safe handling

Optical System
- Precision engineered polystyrene diffuser
- No visible diodes, hot-spots, or shadows providing high uniformity, and reduced glare

Electrical
- Long-life LED system coupled with electrical driver to deliver optimal performance with up to 119 lumens per watt
- High efficiency 0-10VDC dimmable driver
- Operating temperature rating of 0°F to 100°F (-18°C to 38°C)
- Input voltage of 120-277VAC
- Meets FCC Part 15B Class B requirements
- Rated life of 72,000 hours. Reported L70 hours at 12,000 hours test duration

Mounting and installation
- Quick and easy single person installation
- Features an integral driver for ease of wiring

Finish
- White powder coat finish

Listings
- DLC 5.1 Standard listing
- Damp location

Warranty
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.) For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

WPC2
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DLC LISTED | UL CERTIFIED | DAMP LOCATION RATED | 5 YEAR WARRANTY

NICOR®

Ordering

Ordering Information

Example: WPC24UNV358WH

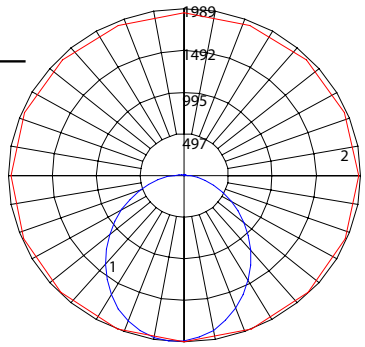
Series	Version	Size	Voltage	CCTs	Color
WPC	**2**	**4** (4 Foot)	**UNV** (120-277V)	☐ **358** (3500 K)	**WH** (White)
				☐ **408** (4000 K)	
				☐ **508** (5000 K)	

Specifications and dimensions subject to change without notice.

Photometric Data

WPC24UNV358

Input Voltage (VAC)	120-277
System Level Power (W)	41
Delivered Lumens (Lm)	4957
System Efficacy (Lm/W)	120.9
Correlated Color Temp (K)	3416
Color Rendering Index (CRI)	82
Beam Angle (0)	99.5
Beam Angle (90)	102.3
Spacing Criteria (0)	1.2
Spacing Criteria (90)	1.18



Intensity Summary (Candle Power)

Angle	Mean CP
0	1344
5	1400
15	1422
25	1497
35	1608
45	1527
55	1147
65	827
75	475
85	175
90	108

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	124.3	4.7
6	55.2	9.4
8	31.0	14.2
10	19.8	18.9
12	13.7	23.6
14	10.1	33.1
16	7.7	37.8

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1493	30.1%
0-40	2383	48.1%
0-60	3987	80.4%
0-90	4920	99.2%
90-180	37	0.8%
0-180	4957	100%

Performance Data

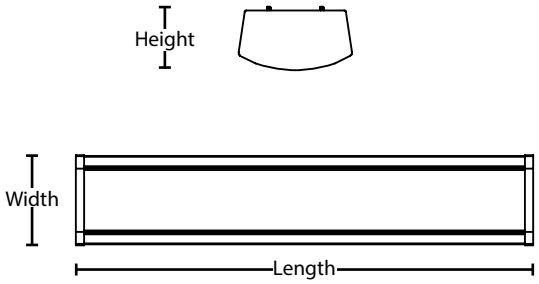
Model Number	Lumens	Watts	Lumens/Watt
WPC24UNV358WH	4957	41	120.9
WPC24UNV408WH	4997	41	121.9
WPC24UNV508WH	5011	41	123.0

CCT Data Multiplier

WPC24UNV408WH	1.008
WPC24UNV508WH	1.017

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Dimensions



Dimensions

Model	Length	Width	Height
WPC24UNV(4 Foot)	47.7 in	5.3 in	2.1 in