

WPC

LED Linear Wrap

Product Description

The WPC LED Linear Wrap is an economical, energy-efficient lighting alternative to traditional fluorescent wrap fixtures. The WPC'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.

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
- 80CRI

Electrical

- Long-life LED system coupled with electrical driver to deliver optimal performance with up to 111 lumens per watt
- High efficiency, non-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
- Reported L70 hours >50,000

Mounting and installation

- Quick and easy single person installation
- Features an integral driver for ease of wiring
- Suction cup included for easy, safe lens removal

Finish

- White powder coat finish

Warranty

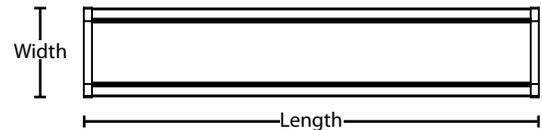
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.) For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Project

Catalog

Type

Date



Dimensions

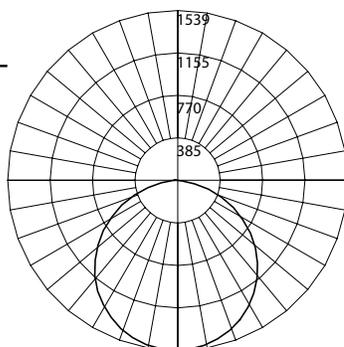
Model	Length	Width	Height
WPC12UNV (2 Foot)	24.2 in	5.3 in	2.1 in
WPC14UNV (4 Foot)	47.2 in	5.3 in	2.1 in



Photometric Data

WPC14UNV408WH

Input Voltage (VAC)	120-277
System Level Power (W)	38.9
Delivered Lumens (Lm)	4260
System Efficacy (Lm/W)	109.5
Correlated Color Temp (K)	3939
Color Rendering Index (CRI)	81
Power Factor	>0.9
THD	<20%
Beam Angle (0)	101.2
Beam Angle (90)	113.4
Spacing Criteria (0)	1.28
Spacing Criteria (90)	1.22



Intensity Summary (Candle Power)

Angle	Mean CP
0	1654
5	1622
15	1575
25	1515
35	1441
45	1357
55	1266
65	1169
75	1068
85	955
90	835

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	95.9	9.7
6	42.2	14.6
8	23.3	19.5
10	14.5	24.3
12	9.7	29.2
14	6.8	34.1
16	4.9	39.0

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1176	27.6%
0-40	1909	44.8%
0-60	3313	77.8%
0-90	4216	99%
90-180	44	1%
0-180	4260	100%

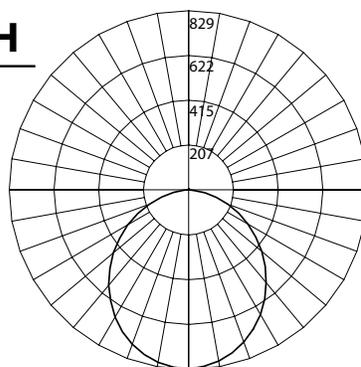
CCT Data Multiplier

WPC14UNV358WH	0.977
WPC14UNV508WH	1.022

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

WPC12UNV408WH

Input Voltage (VAC)	120-277
System Level Power (W)	19.9
Delivered Lumens (Lm)	2192
System Efficacy (Lm/W)	110.2
Correlated Color Temp (K)	3954
Color Rendering Index (CRI)	82
Power Factor	>0.9
THD	<20%
Beam Angle (0)	99.9
Beam Angle (90)	105.1
Spacing Criteria (0)	1.20
Spacing Criteria (90)	1.18



Intensity Summary (Candle Power)

Angle	Mean CP
0	829
5	818
15	779
25	709
35	612
45	500
55	379
65	257
75	137
85	34
90	4

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	80.1	2.8
6	51.2	9.5
8	22.3	14.3
10	12.2	19.0
12	7.5	23.8
14	4.9	28.6
16	3.4	33.3

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	622	28.4%
0-40	1001	45.6%
0-60	1710	78%
0-90	2162	98.6%
90-180	30	1.4%
0-180	2192	100%

CCT Data Multiplier

WPC12UNV358WH	0.999
WPC12UNV508WH	1.002

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

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
WPC12UNV358WH	2189	19.9	110.0
WPC12UNV408WH	2192	19.9	110.2
WPC12UNV508WH	2196	19.9	110.4
WPC14UNV358WH	4162	38.9	107.0
WPC14UNV408WH	4260	38.9	109.5
WPC14UNV508WH	4354	38.9	111.9

Ordering Information

Example: WPC12UNV358WH

Series	Version	Size	Voltage	CCT	Color
WPC	1	2 (2 Foot)	UNV (120-277V)	358 (3500 K)	WH (White)
		4 (4 Foot)		408 (4000 K)	
				508 (5000 K)	

Specifications and dimensions subject to change without notice.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help