

WPC3

LED Linear Wrap

Product Description

The WPC3 LED Linear Wrap is an economical, energy-efficient lighting alternative to traditional fluorescent wrap fixtures. The WPC3's modern design features a curved, milky-white lens that offers a more polished aesthetic while eliminating hotspots. Available with CCT and lumen output Selectable options with the choice of 3500K, 4000K, or 5000K CCTs and low, medium, and high lumen output. 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
 - Polymer endcaps

- Optical System**
- Precision engineered polystyrene diffuser
 - High reflectivity internal coating
 - No visible diodes, hot-spots, or shadows providing high uniformity, and reduced glare
 - 80 CRI for good color definition in public places

- Electrical**
- Input voltage of 120-277VAC
 - CCT and wattage selector switch accessible on driver
 - Full-range dimming via 0-10VDC controls
 - Operating temperature range: -4°F to 122°F (-20° to 50°C)

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

- Finish**
- White powder coat finish

- Listingse**
- cULus 1598 Listed for damp locations
 - RoHS Compliant
 - Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
 - TM-21 Reported L70(9k) life >50,000 hours
 - LM-79, LM-80 testing performed in accordance with IESNA standards

- 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



WPC3
LED Wrap
2', 4' lengths
Selectable Wattage & CCT



WPC3

LED Linear Wrap

Ordering

Ordering Information							Example: WPC3448WSUS8WH
Series	Version	Length	Wattage (Selectable)	Voltage	CCT	CRI	Color
WPC	3	2 (2 Foot)	24WS (16/20/24W)	U (120-277V)	S (3500K/4000K/5000K)	8 (80+)	WH (White)
		4 (4 Foot)	48WS (32/40/48W)				

Specifications and dimensions subject to change without notice.

Performance Data

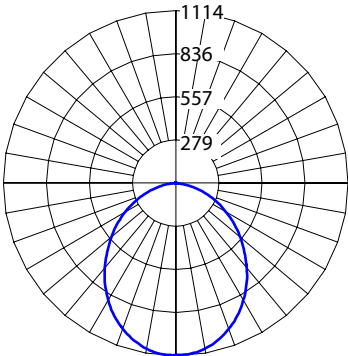
Performance Data					
Model	Output Setting	Nominal CCT	Lumens	Max Watts	Efficiency
WPC3224WS	Standard	3500	1995	16.0	125.0
		4000	2100		131.6
		5000	2007		125.7
	Medium	3500	2464	20.4	120.7
		4000	2593		127.0
		5000	2478		121.4
	High	3500	2790	24.1	115.8
		4000	2936		121.9
		5000	2806		116.5
WPC3448WS	Standard	3500	3862	31.0	124.7
		4000	4066		131.3
		5000	3900		126.0
	Medium	3500	4779	39.6	120.7
		4000	5032		127.1
		5000	4827		121.9
	High	3500	5522	47.5	116.2
		4000	5814		122.3
		5000	5577		117.3

Photometric Data

WPC3 2'
24W 3500K

Input Voltage (VAC)	120-277
System Level Power (W)	24.1
Delivered Lumens (Lm)	2790
System Efficacy (Lm/W)	115.8
Correlated Color Temp (K)	3492
Color Rendering Index (CRI)	82
Beam Angle (0)	96.9
Beam Angle (90)	98.9
Spacing Criteria (0)	1.18
Spacing Criteria (90)	1.18

Data Multiplier			
	35K	40K	50K
Low	0.715	0.754	0.722
Med	0.883	0.932	0.892
High	1.000	1.055	1.010



Intensity Summary (Candle Power)	
Angle	Mean CP
0	1112
5	1108
15	1053
25	946
35	801
45	631
55	465
65	303
75	152
85	37
90	8

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	69.4	9.0
6	30.8	13.5
8	17.3	18.1
10	11.1	22.6
12	7.7	27.1
14	5.6	31.6
16	4.3	36.1

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	835	29.9%
0-40	1333	47.8%
0-60	2227	79.8%
0-90	2763	99%
90-180	27	1%
0-180	2790	100%

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



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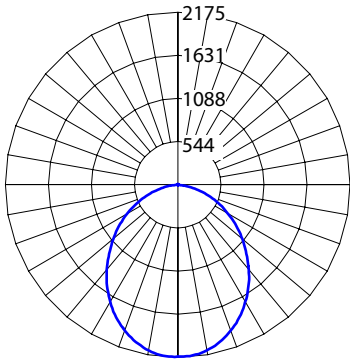
Photometric Data

WPC3 4'

48W 3500K

Input Voltage (VAC)	120-277
System Level Power (W)	24.1
Delivered Lumens (Lm)	2790
System Efficacy (Lm/W)	115.8
Correlated Color Temp (K)	3496
Color Rendering Index (CRI)	82
Beam Angle (0)	96.9
Beam Angle (90)	98.9
Spacing Criteria (0)	1.18
Spacing Criteria (90)	1.18

Data Multiplier			
	35K	40K	50K
Low	0.699	0.736	0.706
Med	0.865	0.911	0.874
High	1.000	1.053	1.010



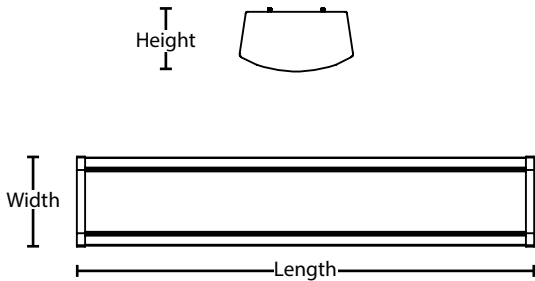
Intensity Summary (Candle Power)	
Angle	Mean CP
0	2172
5	2159
15	2059
25	1869
35	1597
45	1276
55	949
65	626
75	324
85	83
90	21

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	135.4	9.1
6	60.1	13.6
8	33.8	18.2
10	21.6	22.7
12	14.9	27.3
14	10.9	31.8
16	8.3	36.4

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	1633	29.6%
0-40	2615	47.4%
0-60	4399	79.6%
0-90	5474	99.1%
90-180	49	0.9%
0-180	5523	100%

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
WPC32(2 Foot)	24.4 in	5.3 in	2.1 in
WPC34(4 Foot)	47.6 in	5.3 in	2.1 in

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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

