WPP

LED Prismatic Wrap

Project

Catalog

Type

Date

Product Description

The WPP LED Prismatic Wrap is an economical, energy-efficient lighting replacement for traditional fluorescent wrap fixtures. The WPP features a prismatic, diffused lens that offers excellent light distribution with a traditional appearance. Available with CCT and wattage selectability the WPP offers five CCTs and four lumen outputs. 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
- Internal wireway cover for easy wire access

Optical System
- Frosted PMMA lens with prismatic texture
- Selectable CCTs of 3000, 3500K, 4000K, 5000K and 6500K
- >80 CRI for good color definition

Electrical
- Input voltage of 120-277VAC with 12V aux output
- CCT and wattage selector switch accessible on driver
- Selectable power levels: 40/34/26/21W
- Dim to off dimming via 0-10VDC controls
- Operating temperature range: -4°F to 122°F (-20° to 50°C)
- Emergency Battery Backup option available.
- Microwave Motion Sensor option available.

Mounting and installation
- Quick and easy single person installation
- Can be surface mounted or suspended
- Features an integral driver for ease of wiring
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or electrical distribution panel

Finish
- White powder coat finish

Listings
- cULus 1598 Listed for damp locations
- DLC5.1 Standard listed for Ambient Linear
- 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



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Wattage Selectable

CCT Selectable

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Ordering

Ordering Information							*Example: WPP1440SUS8*
Series	**Version**	**Length**	**Wattage (Selectable)**	**Voltage**	**CCT**	**CRI**	**EM Backup**
WPP	**1**	**4** (4 Foot)	**40S** (21/26/34/40W)	**U** (120-277V)	**S** (3000/3500K/4000K/5000K/6500K)	**8** (80+)	☐ __ (none)
							☐ **E1** (EM Backup)

Specifications and dimensions subject to change without notice.

Accessories

Motion Sensor Kit

Microwave Motion Sensor ☐ SENSORKITMW1WH

Mounting Accessories

Aircraft Cable Kit (10ft) - Paddle End ☐ HB-LG-120-18Y-PAD

Performance Data

Performance Data						
Model	**Wattage Setting**	**CCT**	**Lumens**	**Watts**	**Efficiency**	**EM Lumens**
WPP1440S	21	3000	3337	20.6	161.9	1295
		3500	3406	20.4	166.9	1335
		4000	3451	20.2	171.2	1370
		5000	3453	20.4	168.9	1351
		6500	3435	20.7	165.7	1326
	26	3000	4000	24.9	160.4	1284
		3500	4083	24.7	165.4	1323
		4000	4137	24.4	169.7	1358
		5000	4139	24.7	167.4	1339
		6500	4137	25.1	165.0	1320
	34	3000	5082	32.4	156.7	1254
		3500	5188	32.1	161.5	1292
		4000	5256	31.7	165.8	1326
		5000	5259	32.2	163.5	1308
		6500	5256	32.6	161.1	1289
	40	3000	6168	40.3	152.9	1223
		3500	6296	39.9	157.6	1261
		4000	6379	39.4	161.8	1294
		5000	6383	40.0	159.5	1276
		6500	6350	40.6	156.5	1252

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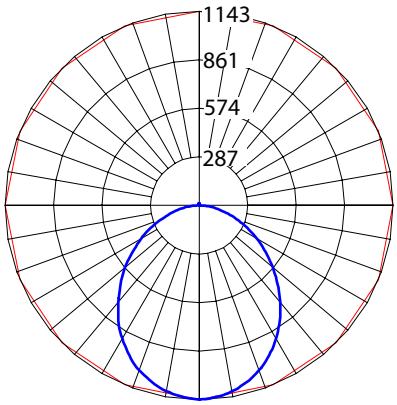
Photometric Data

WPP 4' 21W 4000K

Input Voltage (VAC)	120-277
System Level Power (W)	21.1
Delivered Lumens (Lm)	3227
System Efficacy (Lm/W)	152.9
Correlated Color Temp (K)	4000
Color Rendering Index (CRI)	83
Beam Angle (0)	103.3
Beam Angle (90)	99.5
Spacing Criteria (0)	1.20
Spacing Criteria (90)	1.22



Intensity Summary (Candle Power)	
Angle	Mean CP
0	1148
5	1140
15	1087
25	986
35	842
45	670
55	496
65	330
75	181
85	64
90	23

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	71.7	10.1
6	31.8	15.2
8	17.9	20.2
10	11.4	25.3
12	7.9	30.3
14	5.8	35.4
16	4.4	40.4

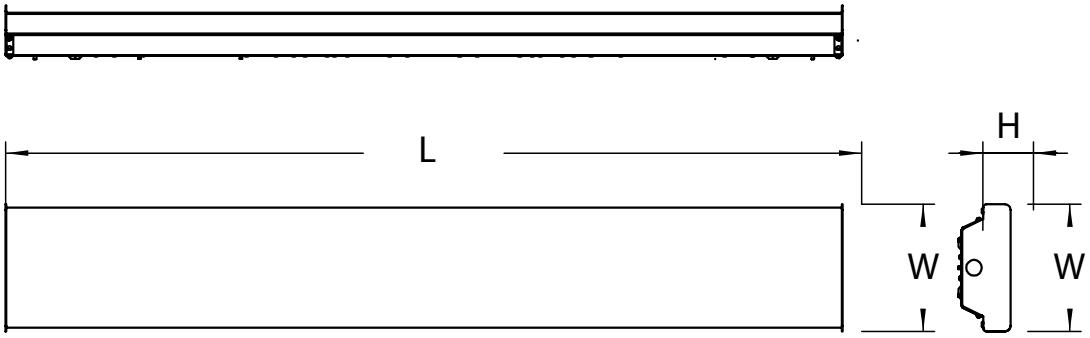
Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	866	26.8%
0-40	1389	43.1%
0-60	2359	73.1%
0-90	3034	94%
90-180	193	6%
0-180	3227	100%

Lumen Multiplier					
	30K	35K	40K	50K	65K
21	0.967	0.987	1.000	1.001	0.995
26	1.159	1.183	1.199	1.200	1.199
34	1.566	1.598	1.619	1.620	1.619
40	1.849	1.887	1.912	1.913	1.903

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

Dimensions

Product Measurements	
Length:	47.7 in. (1212mm)
Width:	7.1 in. (180mm)
Height:	2.8 in. (71mm)



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.