

WRP9

9 Inch Wraparound Luminaire



MECHANICAL

- Corrosion and scratch resistant; high reflectivity, post power coat paint
- Surface, stem or chain mounted
- For use in indoor, non-condensing & non-corrosive environments

OPTICAL

- Acrylic, prismatic diffuser with ribbed linear sides
- Hinges from either side; self-aligning

WARRANTY

- Five year limited warranty

ELECTRICAL

- 120-277 VAC, 50/60 Hz

LIGHT ENGINE

Universal Lighting Technologies

- EVERLINE® LED driver & high-efficacy LED modules

CONTROLS

- 0-10V LED driver standard, dimming to 1%
- Integrated occupancy sensor option

CERTIFICATIONS

- ETL Certified for US & Canada application
- Select models (identified below) are DesignLights Consortium® qualified. Consult www.designlights.org/QPL for details.

ORDERING GUIDE

EXAMPLE: WRP948-48W840-U

Ordering Information									
Series	Length	-	Watts	W	CRI	Color Temp.	-	Voltage	Options
WRP9 = Surface Mount, 9-Inch, Wraparound Luminaire	24 in	-	28 ¹	W	8 = 80 (minimum)	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K (Nominal)	-	U = 120-277 VAC 50/60 Hz	WP = 6 FT, 3 Wire, whip C6F ³ = 6 FT cord set MWS = Microwave occupancy sensor
	48 in	-	48 ² 56 ²						

ORDERING NOTES:

1. 24 inch length only
2. 48 inch lengths only
3. For use on 120VAC systems only

PERFORMANCE DATA

EXAMPLE: WRP948-48W840-U

Length	Watts		Delivered Lumens	LPW	Input Amps		PF	ThD
	Nominal	Measured			120V	277V		
24 in	28	28.0	3465	124	0.24	0.11	> 0.90	< 20%
48 in	48	48.0	5107	106	0.41	0.18	> 0.90	< 20%
	56	56.0	6019	107	0.48	0.48	> 0.90	< 20%

LUMEN MAINTENANCE

Reported per TM-21	L75 > 60,000 hrs
Calculated L70	L70 > 85,000 hrs

PERFORMANCE NOTES:

- Nominal delivered lumens data provided for 4000K model at 25°C
- Specifications subject to change without notice
- Multiply by 0.95 for 3000K, 0.97 for 3500K or 1.03 for 5000K.

DESIGNLIGHTS CONSORTIUM® QPL LISTED PRODUCTS

Model Number	Model Number	Model Number
WRP948-48W830-U	WRP948-56W830-U	WRP924-28W830-U
WRP948-48W835-U	WRP948-56W835-U	WRP924-28W835-U
WRP948-48W840-U	WRP948-56W840-U	WRP924-28W840-U
WRP948-48W850-U	WRP948-56W850-U	WRP924-28W850-U



DIMENSIONS (in)

PACKAGED DIMENSIONS (in)				
Format	L	W	H	lb
24 in	25.0	10.0	3.5	7.0
48 in	49.0	10.0	3.5	12.0

Nominal Dimensions

PRODUCT ENVELOPE (in)			
Format	L	W	H
24 in	24.0	10.0	3.5
48 in	48.0	10.0	3.5

Nominal Dimensions

PHOTOMETRIC DATA

LUMINANCE (cd/m ²)			
Vert Angle	At 0° Horiz	At 45° Horiz	At 90° Horiz

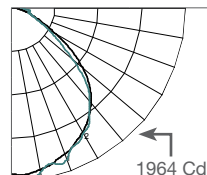
WRP948-48W840-U

45°	5845	4701	4452
55°	4565	3184	2690
65°	2798	2014	1592
75°	1857	1328	1223
85°	1152	1005	1239

ZONAL LUMENS		
Zone	Lumens	% Fixture

0-20	712	13.9%
0-40	2474	48.5%
0-60	4075	79.8%
0-90	4783	93.7%
0-180	5107	100.0%

CANDELA PLOT	
Angles	10°



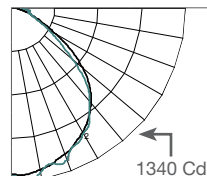
SPACING CRITERIA	
And Efficacy Values	

Along	1.28
Across	1.30
Lumens	5107
Watts	48
Lm/W	106

WRP924-28W840-U

45°	7933	7039	6921
55°	6196	4921	4365
65°	3798	6253	2738
75°	2520	2302	2304
85°	1563	2010	2793

0-20	483	13.9%
0-40	1679	48.5%
0-60	2766	79.8%
0-90	3246	93.7%
0-180	3465	100.0%



Along	1.28
Across	1.30
Lumens	3465
Watts	28
Lm/W	124

MWS CONTROL OPTION

DESCRIPTION

Microwave motion detector turns light on when occupancy is detected and turns light off, after a time delay, when no occupancy is detected. Internal photocell may be used to inhibit turn on when adequate ambient light is present.

ELECTRICAL

Three-wire connection: Line, Switched-Line & Neutral

Voltage: 120-277 VAC, 50/60 Hz

Power draw: 2.6 Watt (Static State)

Transmit power & frequency: < 10mW, 5.8 GHz

SETTINGS

Dusk-To-Dawn: 2-2000 Lux; inhibits turn-on if adequate ambient light is sensed; 2000 Lux disables this feature.

Time Delay: 8 sec to 12 minutes; delays turn-off after occupancy is no longer sensed.

Radius/Reach: For an 8ft mounting height, adjusts approximate floor level 360° coverage from 6ft to 26ft (radius).

FACTORY DEFAULTS

Dusk-To-Dawn: 2000 Lux

Time Delay: 5 min.

Radius/Reach: Max sensitivity. ~52ft dia. at 8ft mounting height.

MANUFACTURER/PRODUCT

Inter-Global/MS2B