

Date:	Project:	Type:	Notes:	Catalog #:
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WCR- AOK SERIES
Adjustable Output LED Wrap Corner Radial



The WCR-AOK Series is a functional multi-purpose LED wall or corner radial wrap-around that incorporates premium performance and construction durability.

Features & Specifications

Applications

Ideal for use in stairwells, parking garages, covered parking, shops, utility rooms, corridors, canopies and general lighting.

Construction

Housing made from die formed heavy gauge cold rolled steel and is finished with a post- production baked white powder coat. Frosted lens.

Mounting

Surface mount. Cord and plug options offered.

Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V dimming standard. 480V option. 50/60HZ input frequency.

Operating Temperature

Suitable for -20°C – 50°C Ambient

Lumen Maintenance

L70 rating of 100,000 hours

Warranty

Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

Certification

UL Damp Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) qualified. DLC 5.1 Premium rating.¹ RoHS Compliant.

Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
WCR-2-3500L-AOK	2FT	20	3500	2540	127	>83
		20	4000	2560	128	>83
		20	5000	2580	129	>83
		25	3500	3100	124	>83
		25	4000	3125	125	>83
		25	5000	3150	126	>83
		30	3500	3630	121	>83
		30	4000	3660	122	>83
WCR-4-5500L-AOK	4FT	30	3500	3810	127	>83
		30	4000	3840	128	>83
		30	5000	3870	129	>83
		35	3500	4340	124	>83
		35	4000	4375	125	>83
		35	5000	4410	126	>83
		45	3500	5445	121	>83
		45	4000	5490	122	>83
		45	5000	5535	123	>83



Catalog Ordering

Sample Part # WCR-4-5500L-AOK

WCR								
1	2	3	4	5	6	6	6	6

1 - Series	2 - Length in Feet/Lumens	3 - Type	4 - Version
WCR	2 - 3500L (2 Foot, 20 Watt) (2 Foot, 25 Watt) (2 Foot, 30 Watt) 4 - 5500L (4 Foot, 30 Watt) (4 Foot, 35 Watt) (4 Foot, 45 Watt)	AOK (Adjustable Output and Kelvin Temp 35K, 40K & 50K)	S5 (DLC Version 5.0)

5 - Controls

- OS** (Occupancy Sensor)
- PRGOS-US** (McWong PSC-BL-U-FM-DC0 Programmable Ultrasonic Sensor)
- BTOS-S** (Douglas Controls BT-IFS-A Integrated Bluetooth Wireless Sensor)

6 - Options

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)²
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)²
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)²
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)²
- 480SD** (480 Step-Down)
- PLG** (6' SJT Cord & Plug)
- PP** (PowerPlus)
- BAA** (Buy American Act Compliant)

Notes

- 1 Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/ to confirm which versions are qualified.
- 2 Lumens will change based on fixture selection. Consult with factory for additional options.
- 3 Mounting kit is manufactured by Gripple Inc.

Photometric Data

Physical Characteristics

WCR-4-5500L-35W-AOK Tested in accordance to IESNA LM-79

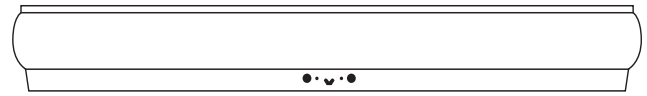
Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	142.36	2.51%
10-20	408.17	7.19%
20-30	619.47	10.91%
30-40	759.56	13.37%
40-50	811.45	14.29%
50-60	775.99	13.67%
60-70	665.35	11.72%
70-80	520.36	9.16%
80-90	375.10	6.61%
90-100	257.63	4.54%
100-110	168.54	2.97%
110-120	100.00	1.76%
120-130	46.11	0.81%
130-140	12.15	0.21%
140-150	5.86	0.08%
150-160	4.82	0.08%
160-170	3.36	0.06%
170-180	1.20	0.02%

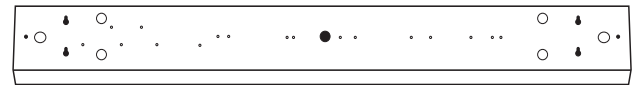
Dimensions

Version	Depth	Length	Width	Weight
2FT	4.9"	23.9"	5.6"	4lbs
4FT	4.9"	47.9"	5.6"	8lbs

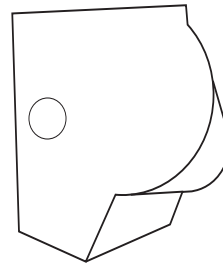
Front View



Back View



End View



Polar Graph

