



WRAPAROUND LED

COR100 (8FT) SERIES (2' AND 4' AVAILABLE)

SQUARE CORRIDOR WRAPAROUND LUMINAIRE

DATE	
JOB	

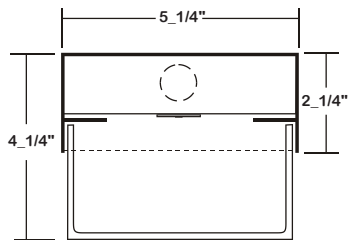
WWW.LALIGHTING.COM
626-454-8300

APPLICATIONS

COMMERCIAL, CORRIDOR, WALL



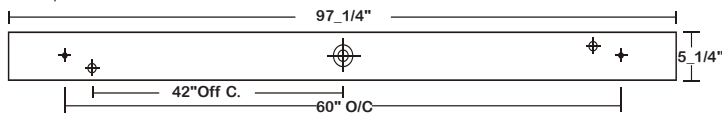
DIMENSIONS



◆ 11/16" STEM MTG. K.O.

⊕ 7/8" OFFSET K.O.

⊕ 2" K.O.



SPECIFICATIONS

FEATURES

- Surface mounted LED luminaire
- 0-10V dimming driver standard (other dimming types available)
- Controls and sensors available
- Wireless control options (Lutron, EnOcean, ZigBee, etc.)
- Supports California Title 24 compliance
- Suitable for damp locations
- Additional lumen packages and color temperatures available
- Full customization available upon request

CONSTRUCTION

- 22 ga. cold rolled steel welded housing
- Low density available

OPTICAL

- Clear prismatic acrylic lens
- 15% impact resistant "DR" formulation
- Injection molded ends of lens / diffuser
- Lens secured to housing by torsion springs
- Variety of lenses available

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Emergency battery pack available

FINISH

- Baked white powder coated finish
- Minimum reflectance 90%
- Painted after fabrication
- Custom colors available

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

Variety of RAL colors & Axalta/DuPont colors available upon request.

CERTIFICATIONS



ORDERING INFORMATION

EXAMPLE: COR100-4-8L-PA-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
COR100		8L				UNV	1	
COR100 Square Corridor Wraparound LED Luminaire	4 Nom. 4000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens <i>*Additional Lumen Packages Available</i>	8L 8'	PA Clear Prismatic Acrylic	BPL1.5 Emergency Battery Pack <i>*Leave Blank if Not Specified</i> <i>Additional Electrical Options</i>	DRDM 0-10V Dimming Driver <i>Additional Driver Options</i>	UNV 120V-277V <i>*Additional Voltages Available</i>	1 One LED Row	835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. <i>*Additional Color Temp. Available</i>



Los Angeles Lighting Mfg. Co.

Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
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Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

Revised 10-03-18

SYSTEM DATA

NOMINAL SIZE	LED LUMEN PACKAGE	CRI / CCT	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	FLUORESCENT EQUIVALENT	IES FILES
8'	4000 lm	840	3835 lm	33.1 W	115.9 lm/W	2-F32T8	LA-T2693
	8000 lm		7263 lm	68.1 W	106.7 lm/W	4-F32T8, 2-F54T5HO	LA-T2694

NOTE:

System data above is based on 120V input voltage.

Actual performance may differ as a result of end-user environment and application.

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range from -20°C to 40°C.

Additional lumen packages and color temperatures available.

PERFORMANCE DATA

[VIEW PHOTOMETRICS](#)


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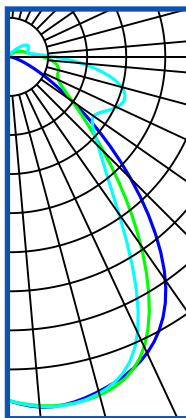
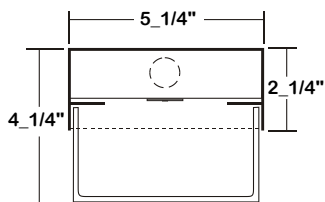
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PHOTOMETRIC DATA - COR100 SERIES

COR100-4-8L-PA-1DRDM(ULT)-UNV-1S/840(SAM)

TEST NO.=LA-T2693
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=33.1
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1570	1570	1570
5	1605	1599	1603
15	1582	1599	1590
25	1492	1461	1389
35	1245	1050	873
45	786	610	576
55	355	353	472
65	126	248	543
75	39	234	533
85	11	197	331
90	6	154	210
95	5	115	130
105	4	80	88
115	3	59	99
125	2	40	94
135	2	23	57
145	1	13	28
155	0	5	11
165	0	2	3
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1276	29.6	33.3
0-40	1938	45.0	50.5
0-60	2782	64.6	72.5
0-90	3532	82.0	92.1
90-120	231	5.4	6.0
90-150	299	7.0	7.8
90-180	303	7.0	7.9
0-180	3835	89.0	100.0

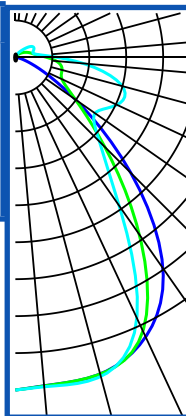
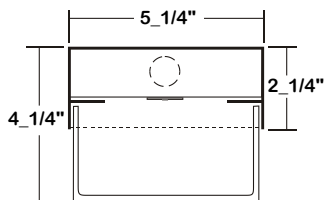
Luminaire Output= 3835lumens
 Luminaire Efficiency = 89.0%

SPACING CRITERION

ALONG	ACROSS
1.26	1.11

COR100-8-8L-PA-1DRDM(PHI)-UNV-1SP/840(SAM)

TEST NO.=LA-T2694
 LED TYPE= 32 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=68.1
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	3047	3047	3047
5	3020	3021	3029
15	3002	3004	3026
25	2825	2766	2635
35	2358	1981	1657
45	1497	1160	1090
55	672	672	891
65	237	471	1027
75	73	443	1014
85	21	376	624
90	11	291	391
95	9	217	247
105	8	152	166
115	7	111	188
125	4	75	176
135	3	45	106
145	2	23	55
155	1	9	23
165	0	3	7
175	0	0	1
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2414	29.6	33.2
0-40	3666	44.9	50.5
0-60	5268	64.6	72.5
0-90	6690	82.0	92.1
90-120	438	5.4	6.0
90-150	567	6.9	7.8
90-180	573	7.0	7.9
0-180	7263	89.0	100.0

Luminaire Output= 7263 lumens
 Luminaire Efficiency = 89.0%

SPACING CRITERION

ALONG	ACROSS
1.24	1.10

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