



WRAPAROUND LED

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

SQUARE CORRIDOR WRAPAROUND LUMINAIRE

DATE	
JOB	

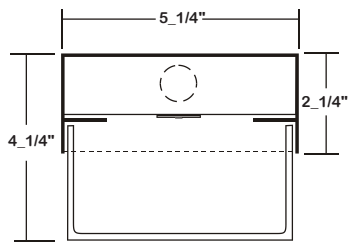
WWW.LALIGHTING.COM
626-454-8300

APPLICATIONS

COMMERCIAL, CORRIDOR, WALL



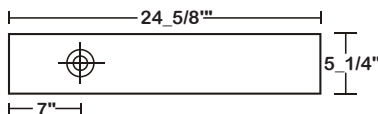
DIMENSIONS



◆ 1 1/16" 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: COR100-4-2L-PA-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
COR100		2L				UNV	1	
COR100 Square Corridor Wraparound LED Luminaire	1 Nom. 1000 Lumens 2 Nom. 2000 Lumens 3 Nom. 3000 Lumens 4 Nom. 4000 Lumens <i>*Additional Lumen Packages Available</i>	2L 2'	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
T: 626-454-8300
F: 626-454-8399
www.lalighting.com

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
2'	1000 lm	840	944 lm	9.2 W	102.6 lm/W	1-F17T8	LA-T2689
	2000 lm		1876.4 lm	16.71 W	112.3 lm/W	2-F17T8, 1-F24T5HO	LA-T2690

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 35°C.

Additional lumen packages and color temperatures available.

PERFORMANCE DATA

[VIEW PHOTOMETRICS](#)


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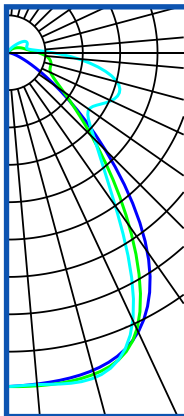
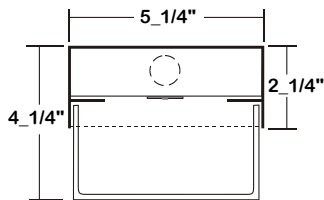
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PHOTOMETRIC DATA - COR100 SERIES

COR100-1-2L-PA-1DRDM(ULT)-UNV-1/840(SAM)

TEST NO.=LA-T2689
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=1
 SYSTEM WATT (W)=9.2
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	407	407	407
5	405	408	406
15	401	405	410
25	375	372	360
35	296	257	228
45	168	145	149
55	72	82	120
65	25	57	139
75	8	54	138
85	2	47	86
90	1	37	55
95	1	28	34
105	1	20	23
115	1	15	26
125	1	10	24
135	0	6	14
145	0	3	7
155	0	1	3
165	0	0	1
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	325	30.2	34.4
0-40	488	45.3	51.7
0-60	685	63.6	72.6
0-90	868	80.6	91.9
90-120	58	5.4	6.2
90-150	76	7.0	8.0
90-180	76	7.1	8.1
0-180	944	87.6	100.0

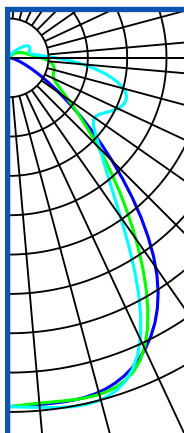
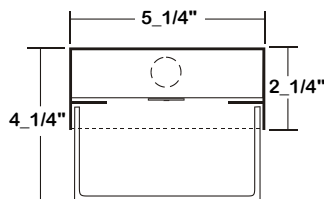
Luminaire Output= 944 lumens
 Luminaire Efficiency = 87.6%

SPACING CRITERION

ALONG	ACROSS
1.21	1.11

COR100-2-2L-PA-1DRDM(ULT)-UNV-1/840(SAM)

TEST NO.=LA-T2690
 LED TYPE= 32 LED MODULE
 NO. OF MODULE=1
 SYSTEM WATT (W)=18.6
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	777	777	777
5	770	765	773
15	767	770	775
25	706	706	679
35	560	487	428
45	320	275	283
55	135	156	229
65	47	108	264
75	16	102	261
85	4	88	162
90	2	70	103
95	2	53	66
105	2	37	46
115	1	27	50
125	1	18	45
135	1	11	27
145	0	6	14
155	0	3	6
165	0	1	2
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	615	30.2	34.4
0-40	923	45.3	51.7
0-60	1299	63.7	72.6
0-90	1643	80.5	91.9
90-120	111	5.4	6.2
90-150	143	7.0	8.0
90-180	145	7.1	8.1
0-180	1788	87.6	100.0

Luminaire Output= 1788 lumens
 Luminaire Efficiency = 87.6%

SPACING CRITERION

ALONG	ACROSS
1.20	1.10

