



# WRAPAROUND LED

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

SQUARE CORRIDOR WRAPAROUND LUMINAIRE

DATE	
JOB	

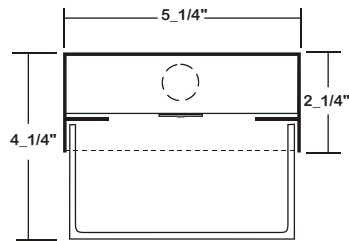
WWW.LALIGHTING.COM  
626-454-8300

### APPLICATIONS

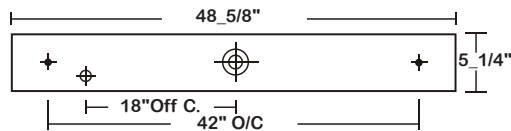
COMMERCIAL, CORRIDOR, WALL



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

SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
<b>COR100</b>		<b>4L</b>				<b>UNV</b>	<b>1</b>	
<b>COR100</b> Square Corridor Wraparound LED Luminaire	<b>2</b> Nom. 2000 Lumens <b>4</b> Nom. 4000 Lumens <b>6</b> Nom. 6000 Lumens <b>8</b> Nom. 8000 Lumens <i>*Additional Lumen Packages Available</i>	<b>4L</b> 4'	<b>PA</b> Clear Prismatic Acrylic	<b>BPL1.5</b> Emergency Battery Pack  *Leave Blank if Not Specified  <i>Additional Electrical Options</i>	<b>DRDM</b> 0-10V Dimming Driver <i>Additional Driver Options</i>	<b>UNV</b> 120V-277V  <i>*Additional Voltages Available</i>	<b>1</b> One LED Row	<b>835</b> 80+CRI / 3500K Color Temp.  <b>840</b> 80+CRI / 4000K Color Temp.  <b>850</b> 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
4'	2000 lm	840	1910 lm	17.8 W	107.3 lm/W	1-F32T8	<a href="#">LA-T2691</a>
	4000 lm		3616 lm	34.7 W	104.2 lm/W	2-F32T8, 1-F54T5HO	<a href="#">LA-T2692</a>

**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](#)


**Los Angeles Lighting Mfg. Co.**

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

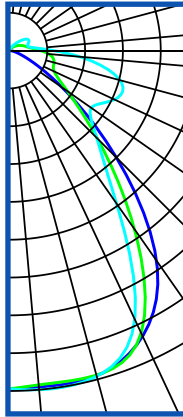
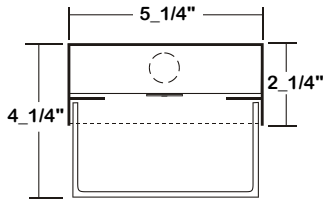
Contact Us  
T: 626-454-8300  
F: 626-454-8399  
[www.lalighting.com](http://www.lalighting.com)

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.

**PHOTOMETRIC DATA - COR100 SERIES**

**COR100-2-4L-PA-1DRDM(ULT)-UNV-1S/840(SAM)**

TEST NO.=LA-T2691  
 LED TYPE= 24 LED MODULE  
 NO. OF MODULE=2  
 SYSTEM WATT (W)=17.8  
 CRI=>80  
 L70(Hrs.)=50,000  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	812	812	812
5	811	805	817
15	808	806	809
25	756	748	712
35	615	523	448
45	363	298	296
55	155	170	240
65	54	118	278
75	17	111	275
85	5	95	169
90	2	75	106
95	2	57	67
105	2	40	45
115	2	29	52
125	1	20	48
135	1	12	29
145	0	6	15
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	649	30.1	34.0
0-40	981	45.5	51.3
0-60	1388	64.5	72.7
0-90	1758	81.6	92.0
90-120	116	5.4	6.1
90-150	150	7.0	7.9
90-180	152	7.1	8.0
0-180	1910	88.6	100.0

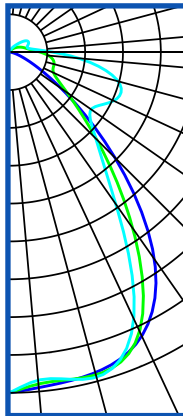
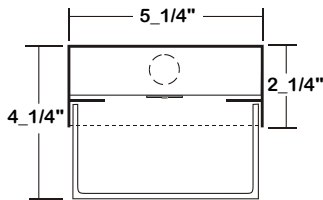
Luminaire Output= 1910 lumens  
 Luminaire Efficiency = 88.6%

**SPACING CRITERION**

ALONG	ACROSS
1.24	1.10

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

TEST NO.=LA-T2692  
 LED TYPE= 32 LED MODULE  
 NO. OF MODULE=2  
 SYSTEM WATT (W)=34.7  
 CRI=>80  
 L70(Hrs.)=50,000  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	1564	1564	1564
5	1546	1530	1512
15	1523	1534	1545
25	1438	1414	1351
35	1160	988	851
45	686	566	561
55	291	322	458
65	102	224	528
75	33	212	517
85	9	181	319
90	5	142	200
95	4	107	128
105	4	75	85
115	3	55	97
125	2	37	91
135	2	22	54
145	1	12	28
155	0	5	11
165	0	2	3
175	0	0	1
180	0	0	0

**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1231	30.2	34.0
0-40	1857	45.5	51.4
0-60	2630	64.5	72.7
0-90	3329	81.6	92.1
90-120	219	5.4	6.1
90-150	284	7.0	7.9
90-180	287	7.0	7.9
0-180	3616	88.6	100.0

Luminaire Output= 3616 lumens  
 Luminaire Efficiency = 88.6%

**SPACING CRITERION**

ALONG	ACROSS
1.21	1.10

