



# RECESSED RER 140 (4X4) SERIES

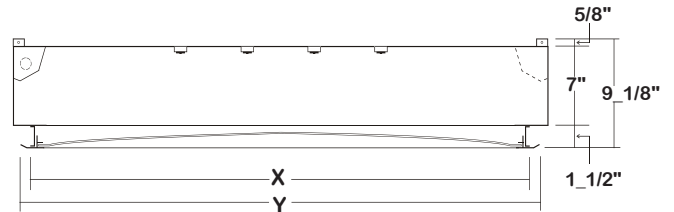
LED  
ROUND APERTURE RECESSED LUMINAIRE

DATE	
JOB	

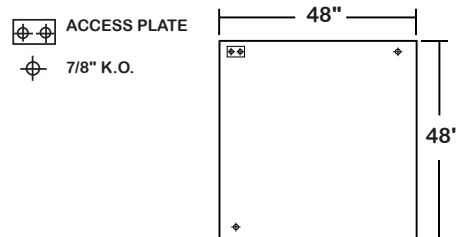
WWW.LALIGHTING.COM  
626-454-8300

## RECESSED MOUNTED LED LUMINAIRE

## DIMENSIONS



4' ROUND Ceiling Opening Diameter X = 45-1/4"  
Flange overall Diameter Y = 46-3/4"



## APPLICATIONS

- Retail, Commercial

## FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

## OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Emergency battery pack available
- Convex lens available
- 20 ga. housing available

## SPECIFICATIONS

### CONSTRUCTION

- 22 ga. cold rolled steel housing
- One piece 18 ga. trim flange secured to fixture housing by torsion springs

### FINISH

- Baked white polyester finish (powder coated finish available) / minimum reflectance 86%
- Trim flange: powder coated finish / painted after fabrication

### OPTICAL

- Textured white acrylic concave dome

### 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)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

### LISTING

- UL USA and Canada listed / suitable for damp locations

### WARRANTY

- 5-Year limited warranty standard. 10-Year limited warranty also available



Los Angeles Lighting Mfg. Co.

Contact Us  
T: 626-454-8300 10141 Olney Street  
F: 626-454-8399 El Monte, CA 91731  
www.lalighting.com Made in the USA



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.

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Revised: 07/11/23



ORDERING INFORMATION

EXAMPLE: RER140-14-4L-DRDM-UNV-4/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
<b>RER140</b>			<b>4L</b>				<b>DRDM</b>	<b>UNV</b>	<b>4</b>	
<b>RER140</b> Round Aperture Recessed LED Luminaire	6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 14 Nom. 14000 Lumens 16 Nom. 16000 Lumens 24 Nom. 24000 Lumens  <i>*Additional Lumen Packages Available</i>	(Blank) Standard  <b>HE</b> High Efficacy (Only 6000 / 8000 / 12000 / 16000 / 24000 lumens Systems)	<b>4L</b> 4' x 4'	<b>BD</b> Convex Lens  *Leave Blank if Not Specified	<b>20G</b> 20 ga. Cold Rolled Steel Housing  *Leave Blank if Not Specified	<b>BPL1.5</b> 1500lm Emergency Battery Pack  <b>WLC(LED RU)</b> EnOcean Wireless Control  *Leave Blank if Not Specified  <i>Additional Electrical Options</i>	<b>DRDM</b> 0-10V Dimming Driver	<b>UNV</b> 120V-277V	<b>4</b> Four LED Rows	<b>830</b> 80+CRI / 3000K Color Temp.  <b>835</b> 80+CRI / 3500K Color Temp.  <b>840</b> 80+CRI / 4000K Color Temp.  <b>850</b> 80+CRI / 5000K Color Temp.  *Additional Color Temp. Available
Standard options for RER140 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.										

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID EQUIVALENT	IES FILES
6000 Lumens (Nominal)	RER140-6-4L-DRDM-UNV-4/840	4210 lm	43.1 W	97.6 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	RER140-8-4L-DRDM-UNV-4/840	5555 lm	58.4 W	95.0 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO, 175 W (MH)	*
12000 Lumens (Nominal)	RER140-12-4L-DRDM-UNV-4/840	8159 lm	90.3 W	90.4 lm/W	-20°C / 35°C	6-F32T8, 3-F54T5HO, 250 W (MH)	*
14000 Lumens (Nominal)	RER140-14-4L-DRDM-UNV-4/840	8702 lm	97.3 W	89.4 lm/W	-20°C / 35°C	7-F32T8	*
16000 Lumens (Nominal)	RER140-16-4L-DRDM-UNV-4/840	11335 lm	128.0 W	88.5 lm/W	-20°C / 35°C	4-F54T5HO, 400 W (MH)	<a href="#">LA-T3186</a>
24000 Lumens (Nominal)	RER140-24-4L-DRDM-UNV-4/840	16204 lm	209.3 W	77.4 lm/W	-20°C / 35°C	6-F54T5HO, 750 W (MH)	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID EQUIVALENT	IES FILES
6000 Lumens (Nominal)	RER140-6HE-4L-DRDM-UNV-4/840	4213 lm	37.9 W	111.2 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	RER140-8HE-4L-DRDM-UNV-4/840	5633 lm	50.8 W	110.9 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO, 175 W (MH)	*
12000 Lumens (Nominal)	RER140-12HE-4L-DRDM-UNV-4/840	8443 lm	77.0 W	109.7 lm/W	-20°C / 35°C	6-F32T8, 3-F54T5HO, 250 W (MH)	*
16000 Lumens (Nominal)	RER140-16HE-4L-DRDM-UNV-4/840	11214 lm	103.7 W	108.2 lm/W	-20°C / 35°C	4-F54T5HO, 400 W (MH)	*
24000 Lumens (Nominal)	RER140-24HE-4L-DRDM-UNV-4/840	16636 lm	158.5 W	104.9 lm/W	-20°C / 35°C	6-F54T5HO, 750 W (MH)	*

NOTE:

System data 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 noted in the system data table.

Additional lumen packages and color temperatures available.



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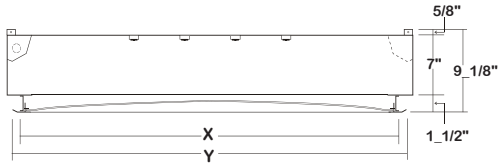


MADE IN THE USA  
BAA Compliant

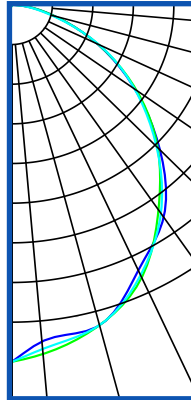
# PHOTOMETRIC DATA - RER140 SERIES

## RER140-16-4L-DRDM-UNV-4/840

TEST NO.=LA-T3186  
 LED TYPE=48 LED MODULE  
 NO. OF MODULE=8  
 SYSTEM WATT (W)=128.0  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE=C



4' ROUND Ceiling Opening Diameter X = 45-1/4"  
 Flange overall Diameter Y = 46-3/4"



### CANDLEPOWER

ANGLE	END	45	CROSS
0	4704	4704	4704
5	4454	4619	4553
15	4373	4371	4371
25	3861	3966	3931
35	3417	3299	3354
45	2703	2662	2641
55	1942	1964	1936
65	1220	1229	1240
75	572	563	528
85	143	140	126
90	0	1	0
95	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

### ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3495	20.4	30.8
0-40	5595	32.6	49.36
0-60	9412	54.9	83.0
0-90	11335	66.1	100.00
90-120	.09	0.0	0.0
90-150	.09	0.0	0.0
90-180	.09	0.0	0.0
0-180	11335	66.1	100.00

Luminaire Output = 11335 lumens  
 Luminaire Efficacy = 88.5 lm/W

### SPACING CRITERION

ALONG	ACROSS
1.15	1.15

