



The R1L series is a versatile volumetric LED troffer that offers even illumination without dark areas common with traditional troffers. With a depth of under 3", the R1L is suitable for use in standard 15/16" and 9/16" inverted T-bar grid, fine line ceilings and shallow plenums and is the ideal choice for use in offices, hospitals and schools.

# R1L recessed volumetric



## Features and Specifications:

### Construction:

- Custom designed ribbed frosted diffuser fully obscures LEDs and offers a completely clean, fully luminous appearance with no LED hot spots
- Reflectors are steel finished in a custom matte white finish with 91% reflectivity

### Size Options:

- Available in 1x4, 2x2 or 2x4 sizes

### Listing & Ratings:

- All electrical components are U.L. listed or recognized
- All fixtures are U.L. Certified and Union made in the USA
- Meets Buy America Act (BAA), BABA Compliant

### Mounting Options:

- Recessed mount

### Driver:

- Universal voltage 120-277V standard
- 0-10V or Lutron dimming optional
- Custom driver tuning for specific lumen requirements

### Warranty:

- 5 years - part replacement only (see our terms & conditions page at [www.lamarled.com](http://www.lamarled.com) for details)

See page 2 for lumen chart & dimensions

Ordering Guide / Example

R1L22M-40

R1L				
Series	Size	Power	CCT	General Options
R1L = Recessed single lens	14 = 1x4 22 = 2x2 24 = 2x4	L = Low M = Medium H = High	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K  930 = 3000K/90CRI 935 = 3500K/90CRI 940 = 4000K/90CRI 950 = 5000K/90CRI	EM = Emergency pack >90 min., >500 lumens EMH = Emergency pack >90 min., >1400 lumens EMB = BABA Compliant Emergency pack >90 min., >500 lumens D = 0-10V dimming to 1% DTD = 0-10V Dim to Dark LDH = Lutron EcoSystem Hi-lume digital 1% w/Fade to Black MX1 or MX2 = 2-wire 120V or 277V 5% phase cut dimming W = 6ft Whip (Dimming and/or EM leads included when necessary) AWNR = Lutron Athena wireless node integral fixture control (RF only) AWNS = Lutron Athena wireless node integral fixture control (RF with daylight and occupancy sensing) AR = Air return  <b>Accessories</b> FK1X4 = Flange kit (1x4) for Dry-wall installation FK2X2 = Flange kit (2x2) for Dry-wall installation FK2X4 = Flange kit (2x4) for Dry-wall installation

Consult factory for additional options not shown or listed

Correlated Color Temperatures (CCTs) fall within the nominal range as per ANSI C78.377A

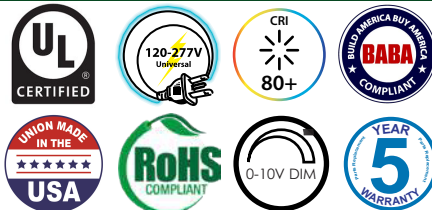
### Project Information:

Job Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

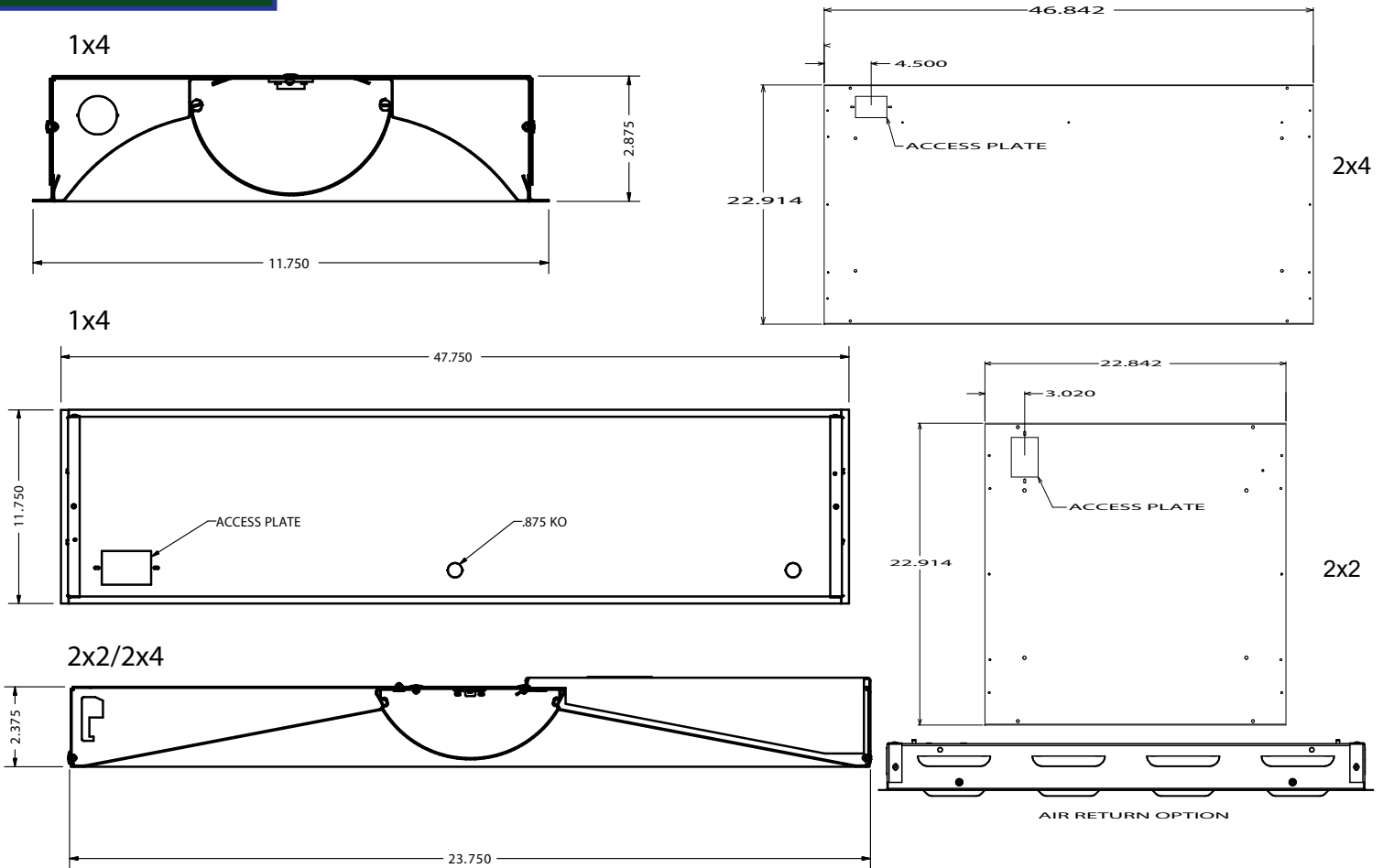
Comments: \_\_\_\_\_

### Certification & Listings:



BEFORE INSTALLATION, PLEASE CONSULT YOUR LOCAL ORDINANCES AND BUILDING CODES FOR COMPLIANCE

## Dimensions



## Lumen/Wattage Chart - 4000K

### R1L LED WATTAGE/LUMEN CHART

	1x4 Low	2x2 Low	2x4 Low
	4000K	4000K	4000K
LUMENS	2487	2602	4146
WATTAGE	23.7	25.2	41.3
LPW	105	103	100
	1x4 Medium	2x2 Medium	2x4 Medium
	4000K	4000K	4000K
LUMENS	3417	3400	6133
WATTAGE	33.9	34.5	56.8
LPW	101	97	108
	1x4 High	2x2 High	2x4 High
	4000K	4000K	4000K
LUMENS	4294	4273	8293
WATTAGE	45.4	45.6	82.7
LPW	95	94	100

### Lumen Multipliers

3000K	.952
3500K	.968
5000K	1.03

LAMAR LED assumes no responsibility for misapplication of fixtures

Due to the rapid advancements in LED technology, please consult our website for the most current technical data.

Specifications subject to change without notice - Rev 0925