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 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	**80 CRI** **30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K **90 CRI** **930** = 3000K **935** = 3500K **940** = 4000K **950** = 5000K **MCT** = Field Selectable CCT 3000K, 3500K or 4000K (80 CRI)	**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 **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 **Accessories** **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:

LAMARLED 1150 Motor Pkwy, Central Islip, NY 11722 | tel 631.777.7700 fax 516.333.7695 | www.lamarled.com

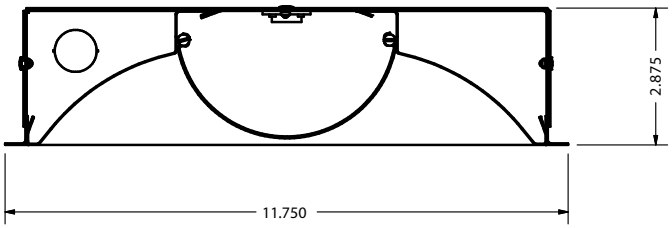
Specifications subject to change without notice - Rev 1026

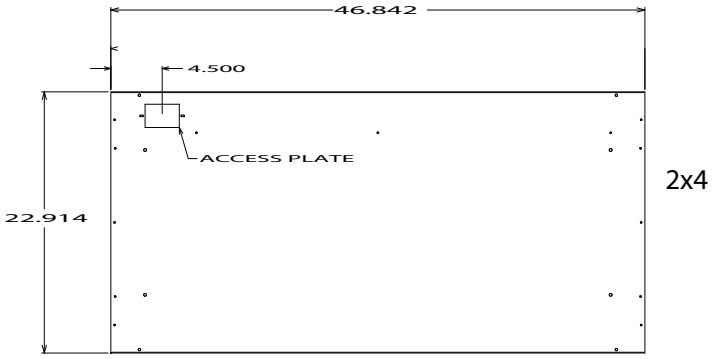
R1L recessed volumetric

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

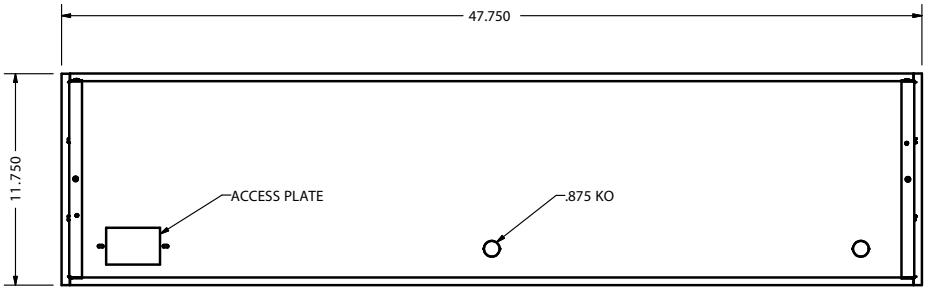
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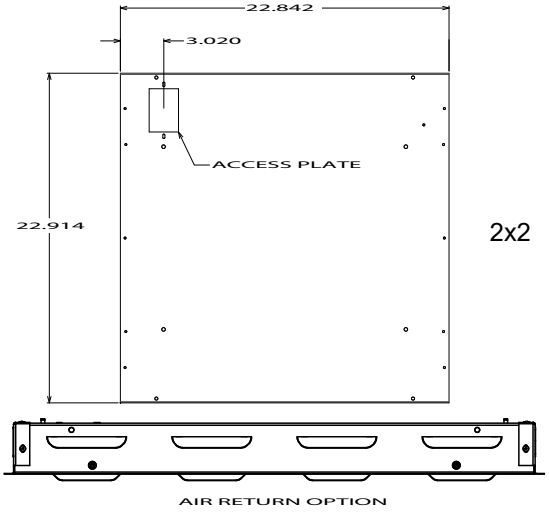
1x4



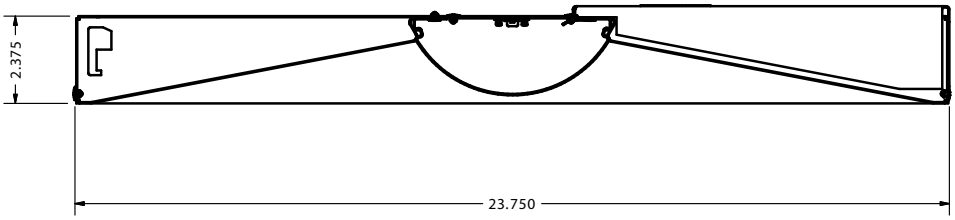


1x4





2x2/2x4



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	99	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 1026