



The S1L series is a versatile volumetric LED troffer that offers even illumination without dark areas common with traditional troffers. It is ideal for surface ceiling applications such as offices, hospitals and schools.

S1L surface 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:

- Surface ceiling or suspended mount

Driver:

- Universal voltage 120-277V standard
- 0-10V or Lutron dimming optional
- Custom driver tuning available 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

S1L22M-40

S1L				
Series	Size	Power	CCT	General Options
S1L = Surface single lens	14 = 1x4 22 = 2x2 24 = 2x4	L = Low M = Medium H = High	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	EM = Emergency pack >90 min., >500 lumens (higher output & run time available - consult factory) 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 AWN1 = Lutron Athena wireless node integral fixture control (RF only) AWN2 = Lutron Athena wireless node integral fixture control (RF with daylight and occupancy sensing)

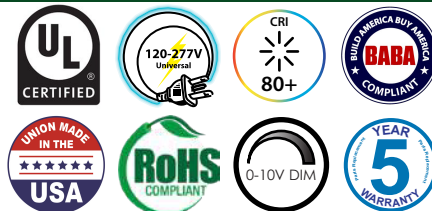
Consult factory for additional options not shown or listed

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

Project Information:

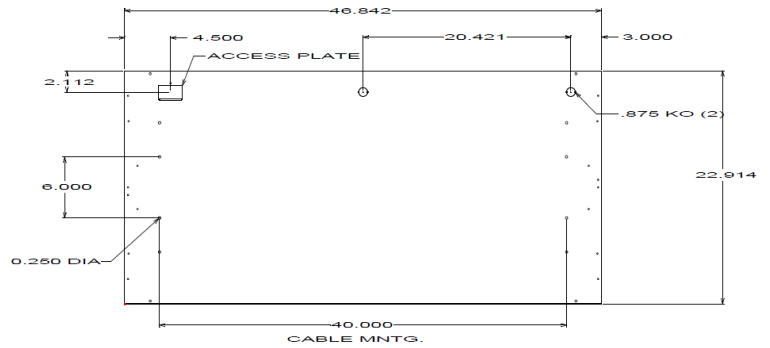
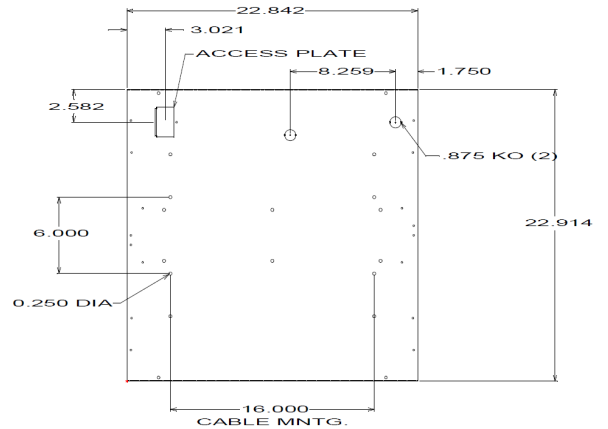
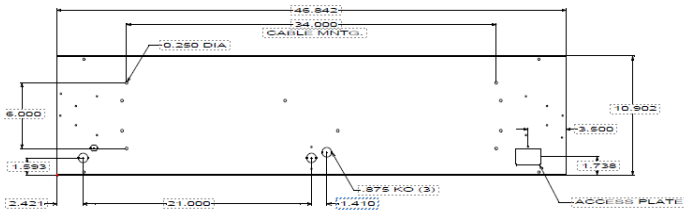
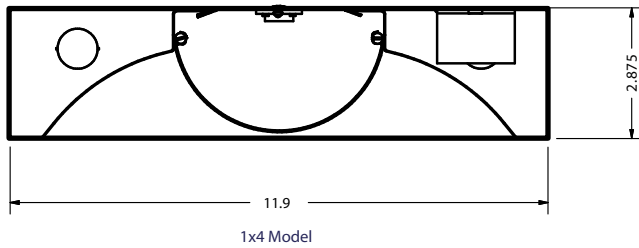
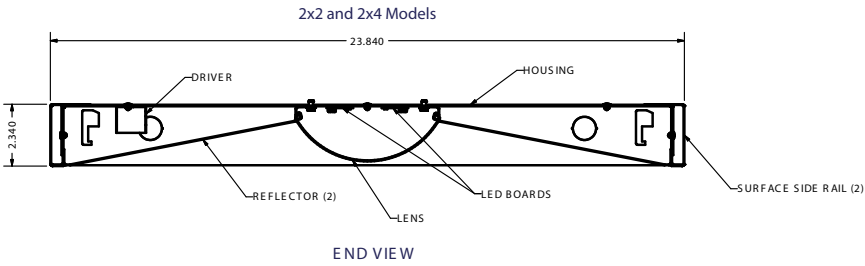
Job Name: _____ Fixture Type: _____
 Catalog #: _____ Date: _____
 Comments: _____

Certification & Listings:



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

Dimensions



Lumen/Wattage Chart - 4000K

S1L 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