



The N-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 N-R1L is suitable for use in standard 15/16" inverted T-bar grid and 9/16" fine line ceilings and shallow plenums and is the ideal choice for use in offices, hospitals and schools.

N-R1L recessed volumetric



Features and Specifications:

Construction:

- Custom designed ribbed frosted diffuser fully diffuses 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
- Quick installation with low voltage wiring and quick disconnects out the back
- No need to open troffer for installation

Size Options:

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

Listing & Ratings:

- All fixtures are U.L. Certified and Union made in the USA
- Meets Buy America Act (ARRA)
- Reported per TM-21 L70(10k) > 60,000hrs

Mounting Options:

- Recessed grid mount

Power:

- External +24VDC from Power hub Driver (contact Nextek - 313-887-1321 or info@nextekpower.com)
- Safe, pre-wired class 2 operation, plug and play connection to fixture
- Compatible with Signtex relays for emergency lighting

Warranty:

- When installed and operated by Nextek Power Systems' Power hub Driver (PhD) or Blade Server, the purchaser of these DC fixtures enjoys a 10-year limited warranty from Nextek Power Systems

See page 2 for lumen chart & dimensions

Ordering Guide / Example

N-R1L-424FA-40K-1

N-R1L		-	FA		-	-
Series	Size	Wattage	Lens Options	CCT	General Options	
N-R1L = Recessed luminaire	1 = 1x4	18 = 18W (2x2 only)	FA = Frosted Acrylic (LED formulation)	30K = 3000K	1 = +24VDC	
	2 = 2x2	24 = 24W		35K = 3500K	cUL-F = French markings as required by local jurisdiction	
	4 = 2x4	36 = 36W (1x4 & 2x4 only)		40K = 4000K	EM = Signtex Emergency Lighting Relay	
		48 = 48W (1x4 & 2x4 only)		50K = 5000K		
		Refer to chart on back		35K90 = 3500K / 90CRI		
				40K90 = 4000K / 90CRI		

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:

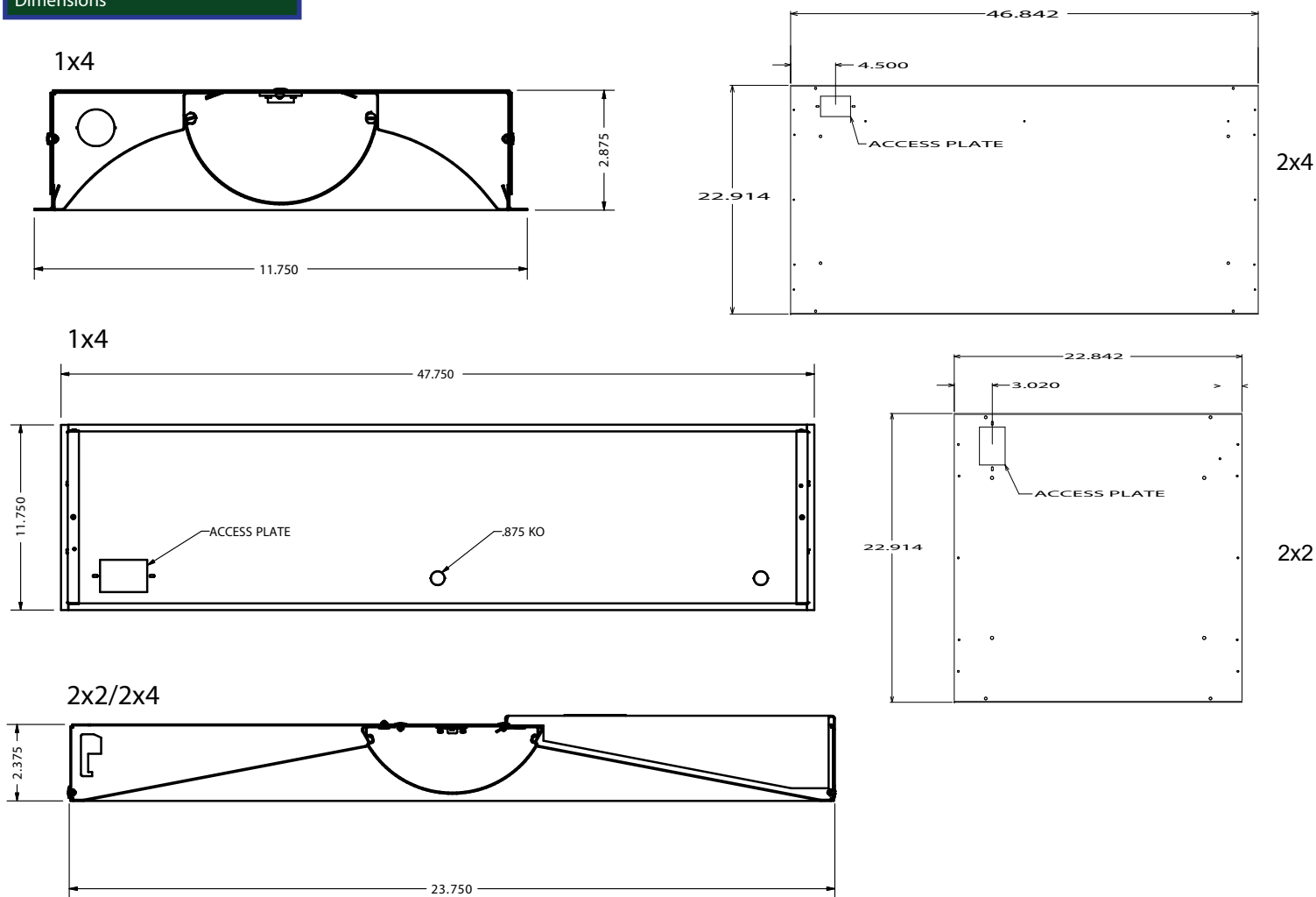
Job Name:	Fixture Type:
Catalog #:	Date:
Comments:	

Certification & Listings:



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

Dimensions



Lumen/Wattage Chart - 3500K

Input Wattage [VA]							
2x2		2x4			1x4		
18W	24W	24W	36W	48W	24W	36W	48W
2778Lu	3602Lu	3789Lu	5556Lu	7205Lu	3789Lu	5556Lu	7205Lu

Lumen Multipliers

	80 CRI	90 CRI
3000K	0.98	0.84
3500K	1.00	0.86
4000K	1.02	0.88
5000K	1.05	0.91

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 0721