ADVANTAGE ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

LTRRA LUMINAIRE WITH RETURN AIR VENTING

AIR RETURN | ETL | 5YR WARRANTY | MADE IN THE USA

The **LTRRA** Series is an IC-Rated lay-In LED Troffer available in 2x2, and 2x4 body sizes. It was designed for standard T-Grid applications. Multiple lensing options are available, consult factory if additional options are needed. Architects find these fixtures especially functional for schools, offices, government facilities, public offices, and all other commercial types of applications on the market today. This fixture's multi-use capability inspires its use in any area where energy efficiency is a must.

The **LTRRA** is designed to be a high quality, energy efficient LED fixtures for use in hotel lobbies, offices, common areas, hospitals, museums, retail, schools, and professional business environments.

CONSTRUCTION: The fixture is constructed of a heavy gauge steel body. Housing embossed for maximum rigidity. Rounded side flanges for safe handling.

MOUNTING: The fixture can be recess mounted in a standard grid ceiling.

FINISH: Highly reflective non-glare matte white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation increase efficiency, and inhibit corrosion.

ELECTRICAL SYSTEM: Electronic drivers are available for 120/277V applications. Long-life LED system rated for >100K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. Damp location rated. IC rated for dry and damp locations. Manufactured in the USA, BAA / BABA compliant.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at **www.aelnow.com/warranty**.

Ordering Information on Next Page ►

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Ordering Example: LTRRA-24-40-12L-S-M-W-90

SERIES	SIZE		CCT		OUTPUT			LENS		VOLTAGE	
LTRRA	22	2x2	30	3000K	2x2	4L	4000 Lumens (Standard Low)	A	.100 #12 Acrylic	M	Multi-Volt (120-277V)
	24	2X4	35	3500K		7L	7000 Lumens (Medium Low)	A12	.125 #12 Acrylic		
			40	4000K		11L	11000 Lumens (High Low)	FA12	.125 #12 Frosted Acrylic		
			50	5000K		12L	12000 Lumens (Standard Medium)	A19	.156 #19 Acrylic		
						13L	13000 Lumens (Medium Medium)	S	Satin Lens		
					2x4	15L	15000 Lumens (High Medium)	125P	.125 Clear Polycarbonate		
						16L	16000 Lumens (Standard High)	156P	.156 Clear Polycarbonate		
						20L	20000 Lumens (Medium High)				
						25L	25000 Lumens (High High)				
						XX	Custom Lumens				

DRIVER OPTIONS		FINISH		OPTIONS	
(BLANK)	0-10V 10% dimming driver	W	White	14EBL	14 Watt Emergency Driver
CD1	0-10V 1% dimming driver	SP	Custom	90	90 CRI
CD5	0-10V 5% dimming driver			AM	Anti-Microbial White Paint
EDN	Non-dimming electronic driver			VDO	Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)
DALI	DALI 1% dimming driver				
LDE1	Lutron Hi-Lume 1% EcoSystem LED Drive				

Dimensions on Next Page

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	25.0 - 156.3 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	80 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

APPROXIMATE COLOR TEMPERATURE MULTIPLIER		
5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

OUTPUT	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
13L	13000 LUMENS	81.3	>100K
15L	15000 LUMENS	93.8	>100K
16L	16000 LUMENS	100.0	>100K
20L	20000 LUMENS	125.0	>100K
25L	25000 LUMENS	156.3	>100K

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DIMENSIONS

PROFILE