

RECESSED GRID

LTFRA

LUMINAIRE WITH
RETURN AIR VENTING



The **LTFRA** 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 **LTFRA** 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.

LENSES: This fixture features a full area lens for maximum light distribution.

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.

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Ordering Example: LTFRA-24-40-12L-R-M-W-90

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

VOLTAGE	DRIVER OPTIONS	FINISH	OPTIONS
M Multi-Volt (120-277V)	(BLANK) 0-10V 10% dimming driver CD1 0-10V 1% dimming driver CD5 0-10V 5% dimming driver EDN Non-dimming electronic driver DALI DALI 1% dimming driver LDE1 Lutron Hi-Lume 1% EcoSystem LED Drive	W White SP Custom	14EBL 14 Watt Emergency Driver 90 90 CRI AM Anti-Microbial White Paint VDO Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)

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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

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

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

DIMENSIONS

