

LRTDF

LED Troffer Retrofit in a Door Frame



PRODUCT SPECIFICATIONS

DESCRIPTION

The LRTDF is designed to retrofit fluorescent troffers into energy efficient and aesthetically pleasing LED fixtures. The LED troffer retrofit is built into a doorframe that allows quick and easy installation.

APPLICATIONS

The LRTDF installs into most existing fluorescent troffer fixtures. The ultimate solution for retrofitting existing troffers in residential areas, offices, retail stores, hotels, banks, sporting facilities, public buildings, and more.

CONSTRUCTION

Constructed of a cold roll steel frame that allows fitment into the majority of existing troffers. Powder coated white.

OPTICAL SYSTEM

This fixture boasts a glare-free illumination with a prismatic lens.

ELECTRICAL SYSTEM

0-10v dimming standard, 120/277V applications. Long-life LED system rated for >120K life hours (L70 @ 25°C). CRI >82. LED efficacy of around 150 lm/W makes this retrofit one of the most efficient on the market. Complies with federal energy efficiency standards.

MOUNTING

The LRTDF quickly installs into existing fluorescent troffer fixtures.

LISTINGS

UL and cUL Listed. Damp location rated.

WARRANTY

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

ORDERING INFORMATION

Example: LRTDF24-40-VH-PA125-M

Custom Lumen Example: LRTDF24-40-VH-PA125-M-10000 for 10,000 lumens

SERIES	COLOR TEMP	OUTPUT	LENS	VOLTAGE	OPTIONS
LRTDF14 1x4	27 2700K	S Standard	PA125 Prismatic Acrylic	M Multi-Volt (120-277VAC)	12EBL 1200 Lumen Emergency Ballast 90 90 CRI OCC Microwave Occupancy Sensor
LRTDF22 2x2	30 3000K	M Medium			
LRTDF24 2x4	35 3500K	H High			
	40 4000K	VH Very High			
	50 5000K				

LED SYSTEM DATA

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
S	4000	26.6	>120K
M	5000	33.3	>120K
H	7000	46.6	>120K
VH	9000	60	>120K

* Delivered Lumens shown were tested with 4000K LEDs

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.95
2700K	0.93

DIMENSIONS

- 1x4 - 46.75" x 12.00" x 3.00"
- 2x2 - 22.75" x 24.00" x 3.00"
- 2x4 - 46.75" x 24.00" x 3.00"

PHOTOMETRICS

2X4 4000K 7000 Lumens

