

LTRB

**HIGH QUALITY
LED LAY-IN
RECESSED TROFFER**



PRODUCT SPECIFICATIONS

DESCRIPTION: The LTRB Series is an IC-Rated lay-In LED Troffer available in 1x4, 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.

APPLICATIONS: The LTRB Series of Lay-In LED Troffers were designed to be high quality, energy efficient LED fixtures for use in commercial applications, offices, government facilities, schools, and public areas.

CONSTRUCTION: The fixture is constructed of a heavy gauge steel body. Housing embossed for maximum rigidity. Rounded side flanges for safe handling. Ballast Coversnaps into housing to cover ballast and wires.

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

OPTICAL SYSTEM: White polyester polymer finish with a minimum 93% reflectivity. A variety of lensing options are available.

ELECTRICAL SYSTEM: 0-10V Dimming Driver included standard. 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 compliant.

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

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ORDERING INFORMATION

Example: LTRB-22-40-12L-A12-M-SD

SERIES	SIZE	COLOR TEMP	ILLUMINATION	DIFFUSER	VOLTAGE
LTRB	14 1'x4'	30 3000K		A .100 #12 Acrylic	M Multi-Volt (120-277VAC) H 347-480VAC
	22 2'x2'	35 3500K		A12 .125 #12 Acrylic	
	24 2'x4'	40 4000K		FA12 .125 #12 Frosted Acrylic	
		50 5000K		A19 .156 #19 Acrylic	
			12L 12000 Lumens (Standard Medium)	S Satin Lens	
			13L 13000 Lumens (Medium Medium)	125P .125 Clear Polycarbonate	
			15L 15000 Lumens (High Medium)	156P .156 Clear Polycarbonate	
			16L 16000 Lumens (Standard High)		
			20L 20000 Lumens (Medium High)		
			25L 25000 Lumens (High High)		
			XX Custom Lumens		

DRIVER OPTIONS	EMERGENCY OPTION	SURFACE MOUNTING KIT	OUTLET OPTIONS	HOUSING OPTION
BLANK* 0-10V Dimming Driver (included standard)	14EBL 14 Watt Emergency Ballast	FK14 1x4 Flange Kit	FW Flexible Armored Cable 6' 18/3	GB Grid Side Painted Black
CD1 0-10V 1% to Off Dimming Driver		FK22 2x2 Flange Kit	FW5 Flex Whip 5-Wire 18/5	
CD5 0-10V 5% to Off Dimming Driver		FK24 2x4 Flange Kit	IS Internal Sensor	
EDN Electronic Driver Non-Dimming		SMS14 1x4 Surface Mount Shroud	SD Step Dimming	
DALI 1% Dimming Driver		SMS22 2x2 Surface Mount Shroud	TG Triple Gasket	
LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology		SMS24 2x4 Surface Mount Shroud	TP Tamper-Proof	
			90 90 CRI	
			VDO Lutron Vive integral fixture control (RF with daylight and occupancy sensing)	

*0-10V 10% dimming driver (no dim to off) standard with SL-ML outputs. (4650 - 7974 lumens)

*0-10V 1% to off dimming driver standard with HL- MM outputs. (11150 - 13016 lumens)

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	27.8 - 173.4 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (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

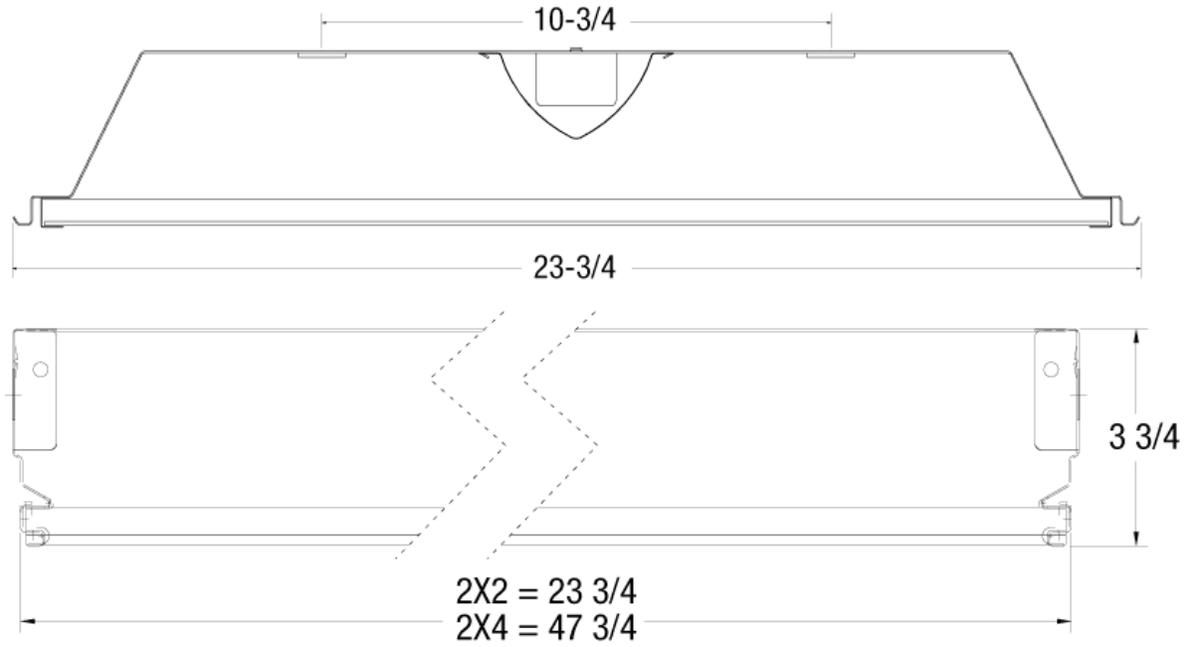
3000K X .94

2700K X .91

OUTPUT	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	27.8	>100K
7L	7000 LUMENS	48.5	>100K
11L	11000 LUMENS	79.3	>100K
12L	12000 LUMENS	83.2	>100K
13L	13000 LUMENS	90.1	>100K
15L	15000 LUMENS	104	>100K
16L	16000 LUMENS	110.1	>100K
20L	20000 LUMENS	138.7	>100K
25L	25000 LUMENS	173.4	>100K

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

DIMENSIONS



For Lumens 25,000 and Higher

