

LTRB

HIGH QUALITY
LED LAY-IN
RECESSED TROFFER



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 recessed 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: 80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K. 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	LEN OPTIONS	VOLTAGE
LTRB	14 1'x4' 22 2'x2' 24 2'x4'	30 3000K 35 3500K 40 4000K 50 5000K	 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	M Multi-Volt (120-277VAC) H 347-480VAC

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

*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)

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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

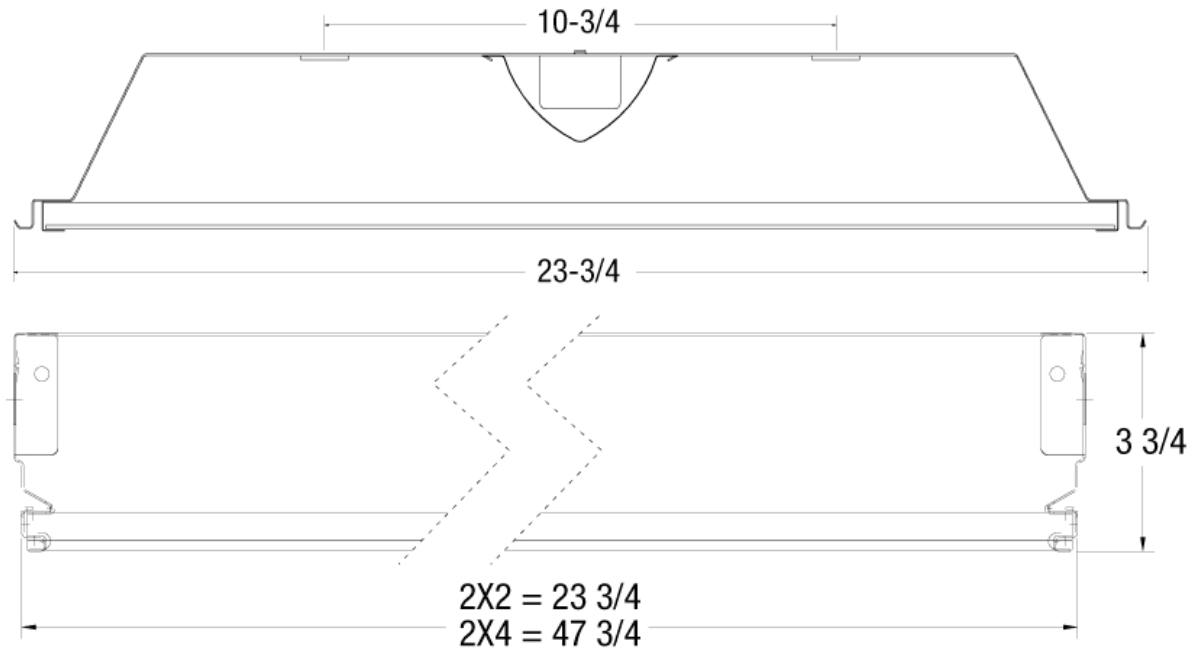
APPROXIMATE COLOR TEMPERATURE MULTIPLIER

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



For Lumens 25,000 and Higher

