Advantage Environmental Lighting

CATALOG NUMBER	
PROJECT	
TYPE	

LTRB

High Quality LED Lay-In Recessed Troffer

STANDARD	OPTIONAL
PROUDLY MADE IN USA, UL, IC Rated	LUTRON

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.

PRODUCT SPECIFICATIONS

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 guage steel body. Housing embossed for maximum rigidity. Rounded side flanges for safe handling. Ballast Cover snaps 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

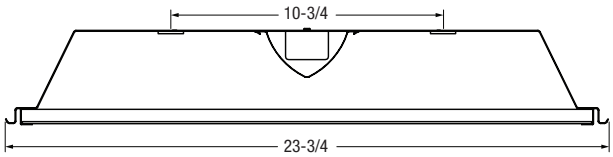
0-10V Dimming Driver included standard. Long-life LED system rated for >100K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

LISTINGS

Independently tested to IESNA LM-79 and LM-80 specifications. UL and cUL 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: LTRB235SAM12EBL

For custom lumen outputs, add desired lumens to end of part number

Series		CCT		Illumination Level		Diffuser		Voltage	
LTRB1	1x4	30	3000K	SL	Standard Low	A	.100 #12 Acrylic	M	Multi-Volt (120/277VAC)
LTRB2	2x2	35	3500K	ML	Medium Low	A12	.125 #12 Acrylic	480	347-480VAC
LTRB4	2x4	40	4000K	HL	High Low	FA12	.125 #12 Frosted Acrylic		
		50	5000K	SM	Standard Medium	A19	.156 #19 Acrylic		
				MM	Medium Medium	S	Satin Lens		
				HM	High Medium	125P	.125 Clear Polycarbonate		
				SH	Standard High	156P	.156 Clear Polycarbonate		
				MH	Medium High				
				HH	High High				

Driver Options		Emergency Options		Mounting Kit Options		Options		Housing Option	
BLANK*	0-10V Dimming Driver (included standard)	12EBL	1200 Lumen 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		
FLDD	Fifth Light Dali, Dimming			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		
LDE5	Lutron LDE5 5-Series Ecosystem 5% Dimming					90	90 CRI		
						VDO	Lutron Vive integral fixture control (RF with daylight and occupancy sensing)		
						FCJS0	Lutron Vive attached fixture control (RF only for 0-10V drivers)		
						VROL	Impact Resistant Outer Lens (Clear Polycarbonate Lens)		

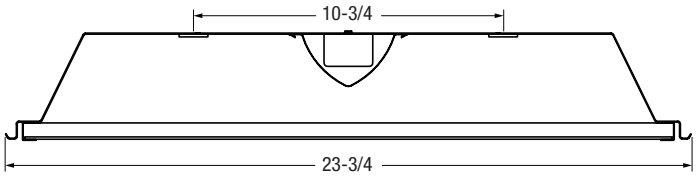
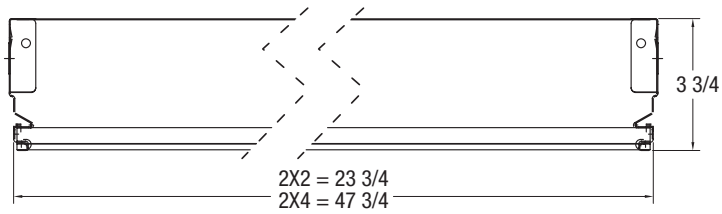
0-10V 10% dimming driver (no dim to off) standard with SL-ML outputs. (4650 - 7974 lumens)

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

LED SYSTEM DATA

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

* Delivered Lumens shown were tested with 4000K LEDs

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

FIXTURE DIMENSIONS