



## LTC

### Lens Side LED Troffer



STANDARD

OPTIONAL



### PRODUCT SPECIFICATIONS

#### DESCRIPTION

The LTC Series is a Lens Side LED Troffer available in 1x4, 2x2, and 2x4 body sizes. It was designed for recessed applications in need of an economical clean room light fixture. The LTC offers a clean room solution from the lens side into the room.

#### APPLICATIONS

The LTC Series of Lens Side LED Troffers were designed to be high quality, energy efficient fixtures for use in clean room environments.

#### CONSTRUCTION

The fixture is constructed of a heavy gauge steel body. Housing embossed for maximum rigidity. Die-formed flat steel door with mitered corners. Belly pan snaps into housing to cover driver and wires. Triple-neoprene gasket and silicone around an inverted lens provides a budget friendly clean room option.

#### OPTICAL SYSTEM

White polyester polymer finish with a minimum 93% reflectivity. A variety of lensing options are available (all lenses are inverted with smooth side down).

#### ELECTRICAL SYSTEM

Electronic drivers are available for 120/277V applications, 0-10V dimming. 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.

#### MOUNTING

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

#### LISTINGS

UL and cUL Listed. NSF listed.

#### WARRANTY

5-Year Limited Warranty. Complete warranty and terms located at [www.aelnow.com/warranty](http://www.aelnow.com/warranty).

### ORDERING INFORMATION

Example: LTC440HLA12M

Custom Lumen Output Example: LTC440HLA12M11000

SERIES	COLOR TEMP	ILLUMINATION LEVEL	DOOR FRAME	DIFFUSER	VOLTAGE
LTC1 1x4	30 3000K	SL Standard Low	BLANK Standard Steel	A .100 #12 Acrylic	M Multi-Volt (120-277VAC)
LTC2 2x2	35 3500K	ML Medium Low	WA White Aluminum	A12 .125 #12 Acrylic	
LTC4 2x4	40 4000K	HL High Low		P125 .125 Clear Poly	
	50 5000K	SM Standard Medium		TG Tempered Glass	
		MM Medium Medium		A14 .140 Pattern #12 Acrylic	
		HM High Medium		A87 Acrytuf .187 Pattern #12 Acrylic	
		SH Standard High		S Acrytuf Satin	
		MH Medium High			
		HH High High			

EMERGENCY OPTIONS	WIRE GUARD OPTIONS	CORD OPTIONS	KIT OPTIONS	OTHER OPTIONS
12EBL 1200 Lumen Emergency	TCWG1 Wire Guard 1x4 TCWG2 Wire Guard 2x2 TCWG4 Wire Guard 2x4	FW Flexible Armoured Cable 6' C6SJ 6" SJ Flex Whip 16/3 C19SJ 10" SJ Flex Whip 16/3	FK14 Flange Kit 1x4 FK22 Flange Kit 2x2 FK24 Flange Kit 2x4 SMS14 Surface Mount Shroud 1x4 SMS22 Surface Mount Shroud 2x2 SMS24 Surface Mount Shroud 2x4	STP Tamper Proof Screws AM Anti-Microbial Finish FH Fuse & Holder

\*For custom lumen outputs, please add the desired lumens to the end of the part number\*

### FIXTURE DIMENSIONS



### ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	33 - 179 Watts*
Delivered Lumen Output	4650 - 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

\*Actual wattage may differ by ±5% while operating 120/277V ±10%

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

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

\* Delivered Lumens shown were tested with 4000K LEDs 100,000 hours.