LTC Lens Side LED Troffer



STANDARD

OPTIONAL







ORDERING INFORMATION

Example: LTC440HLA12M Custom Lumen Output Example: LTC440HLA12M11000

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.

SERIES		COLOR TEMP		ILLUMINATION LEVEL		DOOR FRAME		DIFFUSER		VOLTAGE	
LTC1	1x4	30	3000K	SL	Standard Low	BLANK	Standard Steel	Α	.100 #12 Acrylic	M	Multi-Volt
LTC2	2x2	35	3500K	ML	Medium Low	WA	White Aluminum	A12	.125 #12 Acrylic		(120-277VAC)
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						
				нн	High High						

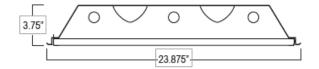
EMERGENCY OPTIONS		WIRE GUARD OPTIONS		CORD OPTIONS		KIT OPTIONS		OTHER OPTIONS	
12EBL	1200 Lumen Emergency	TCWG1 TCWG2 TCWG4	Wire Guard 1x4 Wire Guard 2x2 Wire Guard 2x4	FW C6SJ C19SJ	Flexible Armoured Cable 6' 6" SJ Flax Whip 16/3 10" SJ Flex Whip 16/3	FK14 FK22 FK24 SMS14 SMS22 SMS24	Flange Kit 1x4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