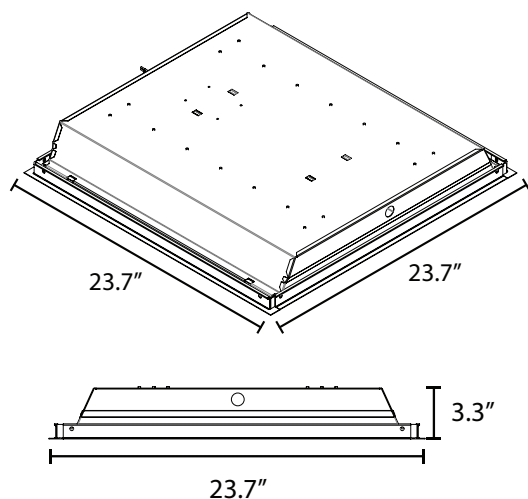


ECO-T 2X2 LED RECESSED TROFFER MLRT22D



PRODUCT DESCRIPTION:

Combining high efficiency and a high quality light in a performance-and value-optimized package, MaxLite's ECO-T™ LED Recessed Troffer represents the inflection point to making LEDs a cost-effective replacement for fluorescent troffers in lay-in or T-grid ceilings for the commercial and institutional market, including schools and municipalities.

ECO-T offers a classic recessed housing with LED strips that resemble fluorescent tubes when lit. While fluorescent fixtures can buzz and flicker and contribute to headache and eye fatigue, ECO-T is constructed with LM-80-rated LEDs and a prismatic clear diffuser for higher lumens, making it the silent and flicker-free solution for offices, lobbies, hallways and conference rooms in schools, municipalities, airports, healthcare facilities, showrooms, corporate campuses and retailers trying to stretch renovation and construction budgets. With standard 0-10v dimming provided, ECO-T maintains 90 percent of the light in a 60-degree beam angle to project light downward towards surfaces.

FEATURES:

- Optional translucent diffuser available
- Surface mount kit available
- 85,000 hour life at L70 standards
- 9 lbs.
- 0-10V dimming standard
- Five year limited warranty
- CRI: >83
- Fits standard T-bar grid (drop ceilings)
- Also available in 2'x4'
- Room side access door to service and upgrade LED strips

MODEL SELECTION (Full list of order codes on pg. 2)

Typical order example: MLRT22D3550'EM

MLRT	22D	35		
FAMILY	SIZE	WATTAGE	COLOR TEMPERATURE (CTT)	EMERGENCY BACKUP
MLRT	22D= 2X2, Dimmable	35= 35 watts	35= 3500K 41= 4100K 50= 5000K	(OMIT)= No Emergency Power 1EM= Emergency Battery Backup

ACCESSORIES

ORDER CODE	MODEL NUMBER	DESCRIPTION
71774	RT22TWD	Translucent white diffuser
71885	MLSMKRT22D	Surface mount kit

NOTES:

1. In the event of a power failure, the battery backup units switch to emergency mode (700 lumen output) and operates the fixture for a minimum of 90 minutes.

SPECIFICATIONS:

		35W		
ITEM	SPECIFICATION	DETAILS		
GENERAL PERFORMANCE	Color Temperature	3500K	4100K	5000K
	Lumens Delivered	2985	3215	3375
	Efficacy	85	92	96
	Color Consistency	Proprietary binning for uniform color		
	Spacing Criteria	Available Upon Request		
ELECTRICAL	Power Consumption	35 Watts		
	Power Factor	Over 90%		
	Input Voltage	120V-277V 50/60 Hz		
CONTROL	Linking Lengths/Qty	20		
PHYSICAL	Weight	9 lbs		
	Housing	Steel		
	Optics	Standard prismatic diffuser		
	Mounting	Fits standard grid for drop ceilings		
	Operating Temperature	-4°F to 104°F		
	Humidity	20% - 85% RH, non condensing		
CERTIFICATION	Environment	Indoor Use		
	Warranty	5 Year		

RECOMMENDED DIMMING CONTROLS	
Lutron	NFTV0-10
Leviton	IP710 DL

Lighting layouts and spacing criteria available upon request

ORDERING:

* ORDER CODE	* MODEL NUMBER	OPTIONS	SIZE	POWER (WATTS)	OUTPUT (LUMENS)	CCT
72905	MLRT22D3535	None	2x2	35	2,985	3500K
73510	MLRT22D3535EM	Emergency Battery Backup				
72904	MLRT22D3541	None			3,215	4100K
73511	MLRT22D3541EM	Emergency Battery Backup				
72903	MLRT22D3550	None			3,375	5000K
73512	MLRT22D3550EM	Emergency Battery Backup				

*Please contact your MaxLite representative to order products that don't have order codes listed here.

CONSTRUCTION:

- The housing and back panel are sheet steel
- Standard prismatic lens
- Modular construction for easy replacement

CONTROL:

- Integral Class2 ETL-listed LED driver
- Up to 20 panels can be linked to each master panel

MASTER / SATELLITE DEFINITION:

Each panel can be wired a Master/Satellite Panel. During mounting, one fixture in the room should be wired to Master, and the others in the room should be wired as Satellite, with a low voltage power cord.

BUILDING AUTOMATION COMPATIBLE:

Multiple panels can also be controlled from a single source. The panels can be linked to a building automation system. Contact your MaxLite representative for inquiries involving dimming control methods.