

# ECO-T 2X4 LED RECESSED TROFFER

## MLRT24D



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:

- Lumens: 3500K CCT: 4569  
4100K CCT: 4498  
5000K CCT: 4903
- 50,000 hour life at L70 standards
- 10.0 lbs.
- 0-10V dimming standard
- Five year limited warranty
- CRI: 85
- Fits standard T-bar grid (drop ceilings)
- Also available in 2'x2'
- Prismatic diffuser is standard
- Room side access door to service and upgrade LED strips

Order Number	Model Number	Description
71770	RT24TWD	ECO-T 2x4 Translucent White Diffuser

### Luminaire Ordering Information:

Watts	Order Number	Model Number	Lumens	CRI	Lamp Life (Hrs.)	Dimensions (L"xW"xH")	CCT
55	71499	MLRT24D5535	4569	84	50,000	47.75" x 23.75" x 3.3"	3500
55	71477	MLRT24D5541	4498	84	50,000	47.75" x 23.75" x 3.3"	4100
55	71497	MLRT24D5550	4903	84	50,000	47.75" x 23.75" x 3.3"	5000

\*These products have been submitted for DLC qualification;  
please check our website for their updated DLC status on 1/31.

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE



## CONSTRUCTION:

- The housing and back panel are sheet steel, and provide heat sink and thermal control capabilities
- Standard prismatic lens allows high lumen output
- Profile including the control box is 3.3 inches
- Modular construction for easy replacement

## CONTROL:

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



Installation instructions available online: Specifications are subject to change without notice

MaxLite®: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com Revised: 8-16-14

## SPECIFICATIONS:

Item	Specification	MLRT24D5535	MLRT24D5541	MLRT24D5550
General Performance	Spacing Criteria	Available upon request		
	Color Temperature	3500K	4100K	5000K
	Lumens	4569	4498	4903
	Efficacy	81 lm/w	82 lm/w	90 lm/w
	Color Consistency	Proprietary binning for uniform color		
	Lumen Maintenance (L70)	50,000 hours		
Electrical	Power Factor	Over 98%		
	Input Voltage	120V-277V 50/60 Hz		
	Power Consumption	55 Watts		
Control	Dimming	0-10V Dimming Standard		
Physical	Dimensions (+/-1/16")	47.75" x 23.75" x 3.3"		
	Weight	10.0 lbs.		
	Housing	Sheet steel		
	Optics	Std. prismatic diffuser		
	Mounting	Fits standard grid for drop ceilings		
	Operating Temperature	-20°F to 130°F		
	Humidity	20% - 85% RH, non condensing		
Certification	Certification	ETL, cETL, FCC		
	Material Usage	RoHS compliant; no mercury		
	Environment	Indoor use		

**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.

Recommended Dimming Controls	
Lutron	NFTV0-10
Leviton	IP710 DL

## DIMENSIONS:



Lighting layouts and spacing criteria available upon request

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