ECO-T™
2X2 LED RECESSED TROFFER
MLRT22D

maxLED by MaxLite

Designed as an energy efficient replacement to traditional fluorescent troffers in T-bar grid (drop ceilings), the ECO-T is a cost-effective lighting solution for the commercial and institutional market, including schools and municipalities.

Designed with the look of a traditional fluorescent fixture, the ECO-T offers a classic recessed housing with LED strips that resemble fluorescent tubes, but operates with the energy saving benefits of LED technology. 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.

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE

FEATURES:

- Lumens: 3500K CCT: 3597
- 4100K CCT: 3421
- 5000K CCT: 3768

- 50,000 hour life at L70 standards
- 7.1 lbs.
- 0-10V dimming standard
- 5 year limited warranty
- CRI: 85
- Fits standard T-bar grid (drop ceilings)
- Also available in 2'x4'
- Room side access door for serviceability and re-lamping replaceable LED strips

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

Order Number	Model Number	Description
71774	RT22TWD	ECO-T 2x2 Translucent White Diffuser

Luminaire Ordering Information:

Watts	Order Number	Model Number	Lumens	CRI	Lamp Life (Hrs.)	Dimensions (L"xW"xH")	CCT
45	71500	MLRT22D4535	3597	85	50,000	23.75" x 23.75" x 3.3"	3500
45	71482	MLRT22D4541	3421	85	50,000	23.75" x 23.75" x 3.3"	4100
45	71498	MLRT22D4550	3768	84	50,000	23.75" x 23.75" x 3.3"	5000

MAX12158

DESIGNLIGHTS CONSORTIUM

ETL LISTED FC MaxLite

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

SPECIFICATIONS:

Item	Specification	MLRT22D4535	MLRT22D4541	MLRT22D4550
General Performance	Spacing Criteria	Available upon request		
	Color Temperature	3500K	4100K	5000K
	Lumens	3597	3421	3768
	Efficacy	79 lm/w	78.8 lm/w	85 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	45 Watts		
Control	Dimming	0-10V Dimming Standard		
Physical	Dimensions (+/-1/16")	23.75" x 23.75" x 3.3"		
	Weight	7.1 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		

Lighting layouts and spacing criteria available upon request

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:

23.75"

23.75"

Reveal Dimensions:
22.7" x 22.7"

3.3"

22.7"

23.75"