

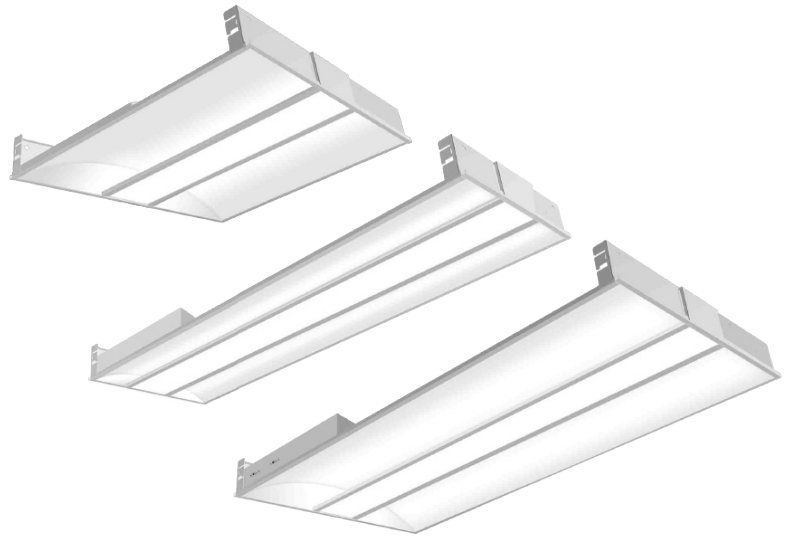
DESCRIPTION

Our advanced LED Troffer offers a sleek, energy-efficient alternative to traditional fluorescent fixtures. With selectable wattages and CCT selectable options (3000K, 3500K, 4000K), it provides customizable energy savings and color temperature to fit your application. This elegantly designed luminaire delivers uniform, glare-free illumination with no visible diodes—creating a stunning floating light effect.

Perfect for classrooms, offices, retail environments, healthcare facilities, and a wide range of commercial or industrial spaces. Equipped with a UL Recognized constant current driver supporting 0–10V and step dimming for flexible control.

FEATURES

- Efficacy: up to 120 LPW
- 2x2 & 1x4 Power Selectable: 2x2, 40W / 30W / 20W
- 2x4 Power Selectable: 2x2, 50W / 40W / 30W
- CCT Selectable: 3000K/3500K/4000K
- 0-10V dimming (dims down to 10%)
- CRI: 90
- Input Voltage: 120-277 VAC
- Input current: 0.5A
- THD:<20%(277V)
- Standard Lifetime: Designed to L70 minimum 50,000 hours
- Installation: Lay in / recessed
- Standard Warranty: 5 Year Warranty



Project:	Date
Type:	
Model:	

ORDER INFORMATION

EXAMPLE: LMZ24-18-TW-TCCT-K-Y



Series	Mounting	Wattage Selectable	CCT Selectable	Beam	Voltage	Emergency Battery Backup
LMZ22 2x2 Troffer	18 Lay in	TW Wattage Selectable (40W / 30W / 20W)	TCCT Color Temperature Selectable (3000K / 3500K / 4000K)	K 90°	Y 120-277V	Blank Standard without Emergency Battery Backup
LMZ24 2x4 Troffer		TW Wattage Selectable (50W / 40W / 30W)				EMBI8 Built-in 8W Emergency Battery Back-up (Low Volt. DC wiring)
LMZ14 1x4 Troffer		TW Wattage Selectable (40W / 30W / 20W)				EMBE8 External 8W Emergency Battery Back-up (Low Volt. AC wiring)
						EMBE25 External 25W Emergency Battery Back-up (Low Volt. AC wiring)

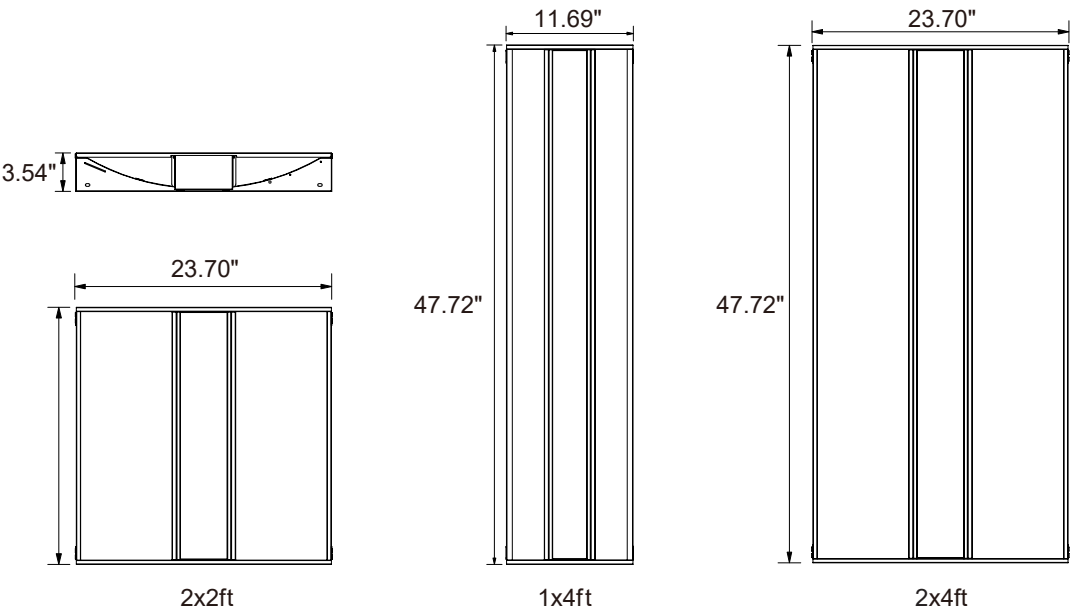
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Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PERFORMANCE DATA

Series	LMZ14	LMZ24	LMZ22
Wattage Selectable	40W / 30W / 20W	50W / 40W / 30W	40W / 30W / 20W
CCT Selectable	3000K / 3500K / 4000K		
Lumens	4,800lm / 3,600lm / 2,400lm	6,000lm / 4,800lm / 3,600lm	4,800lm / 3,600lm / 2,400lm
Efficacy (LPW)	Up to 120 LPW		
Beam	90°		
Input Voltage	120-277VAC 50/60Hz		
Certifications	UL Listed, FCC, RoHS		
Operating Temp.	-13°F to 115°F		
PF / THD	>0.9, <20%		
Dimming	1-10V (10%-100%)		

DIMENSIONS



Location	Wiring Type	Emergency Options
EMBI Built-in EM (Assembled in factory)	DC Wiring	 Model: EMBI8 Built-in 8W LED emergency driver with indicator, factory-installed prior to delivery. Provides up to 90 minutes of emergency illumination during power outages. 
EMBE External (Wiring in Field)	AC Wiring	 Model: EMBE16 Model: EMBE25 Emergency – External External 16W or 25W LED emergency driver with standard indicator, available for field installation. Provides up to 90 minutes of emergency runtime during power outages.

