

# E-LED™

## MRI-SAFE 2x2 LED TROFFER



Installed Troffer Illuminated

### Light Box Housing

Single piece construction consists of 0.04" thick, fabricated aluminum with spot welded seams. Leading edge of return is hemmed in order to make rigid and straight. Hems also provide a smooth, rolled surface, which prevents scratching of diffuser panels during installation. All inner and outer surfaces receive a durable, reflective white powder coat finish.

Dimensions: 23.75"L x 23.75"W x 8"H

Weight: 7 lb (weights do not include diffuser panel)

*Note: Suspension ceiling installation requirements may vary. Consult with your local building authority for code compliance.*

### Electrical / Power Supply

**Input Voltage:** 48VDC (Class 2 Power Source Required; Ref. ELT600-48U)

**Input Power:** 43 Watts

**Efficacy (lm/Watt):** 77.8

### Installation

Light boxes are designed to fit all standard US, commercial, suspended ceiling grid systems. **NO FIELD ASSEMBLY OF LIGHT BOXES IS REQUIRED;** light boxes come ready to install and wire. Hanger wire holes are located at each corner, hanger wire is not included.

### Light Source

**Color Temperature:** 3500K **CRI:** 85

3346 lumens *Note: Measurements taken from translucent white acrylic panel, Lux levels will vary depending on graphic image if used.*

### High Reliability

Emitter boards are fastened to light box housing using aluminum rivets to assure proper heat sinking. LED life is rated 50,000 hours to L70. Useful life for intended application is estimated at 80,000 hours. LED drivers are integrated and are fully dimmable.

### Dimming

Optional proprietary PWM dimming system or 0-10 volt control signal. Dimming signals are routed via CAT5 cables with RJ45 connections.

### Diffuser Panels

Translucent acrylic (Satin Ice – 80% light transmission). Panels for 2' x 2' and 2' x 4' openings are 1/4".

### Agency Listings

UL48, file no. E6733

### Warranty

#### **5-Years - complete fixture replacement**

Everbrite Lighting does not advocate the designing of LED fixtures that necessitate repairs be made in the field.

All Everbrite Lighting fixtures are designed to operate flawlessly throughout the life cycle of the product. In the UNLIKELY event of a failure, Everbrite Lighting will replace the entire fixture.



Everbrite Lighting • 4949 South 110th Street  
P.O. Box 20020 • Greenfield, Wisconsin 53220-0020  
Phone (800) 610-6053 • Fax (414) 529-7191  
E-mail – elt@everbrite.com Web – www.everbritelighting.com

LED LIGHTING TECHNOLOGY

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