



## 2' x 2' Recessed LED Troffer

Aesthetically pleasing, affordable LED alternative to fluorescent

Leapfrog Lighting's LED troffer combines modern styling and industry leading LED technology to deliver exceptionally high electricity cost savings in a perfect balance of form and function. Designed for new construction or for retrofitting existing recessed fluorescent troffer fixtures.

### Features

- Ideal for one-for-one replacement of conventional fluorescent lighting systems
- Industry leading efficacy, up to 115 lm/W
- ZHAGA compliant
- High power factor
- cULus certified for Canada and USA, suitable for damp locations
- Comprehensive 5 year warranty
- IESNA LM-79 and LM-80 compliant

### CONSTRUCTION

Light weight steel construction for high rigidity. Securely attached end plates. Powder coated white painted finish. Shallow housing (3.94" deep). Easy access to electronic driver.

### CONTROLS

Equipped with standard 0-10V dimming driver providing dimming range of 10% to 100%.

### ELECTRICAL

Available in 120-277VAC and 347-480VAC versions.

### LED SYSTEM

Active color management maintains superior color consistency over time and temperature. Every fixture is custom-tuned before shipment to ensure perfect fixture-to-fixture color consistency.

### OPTICS

High precision optical grade lens provides even surface brightness, diffused light and no glare.

### Specifications

| CCT <sup>1</sup> | LM    | W    | LM/W | CRI <sup>2</sup> | VAC           | PART          |
|------------------|-------|------|------|------------------|---------------|---------------|
| 4000K            | 2810  | 27   | 104  | 80               | 120-277       | 1008-T22-4001 |
|                  | 4560  | 40   | 114  | 80               | 120-277       | 1008-T22-4002 |
| 4560             | 42    | 109  | 80   | 347-480          | 1008-T22-4003 |               |
|                  | 5000K | 2860 | 27   | 106              | 80            | 120-277       |
| 4590             | 40    | 115  | 80   | 120-277          | 1008-T22-5002 |               |
|                  | 4590  | 42   | 109  | 80               | 347-480       | 1008-T22-5003 |

1. Tolerances as per ANSI C78.377-2008 Nominal CCT categories  
2. CRI refers to the "General CRI" described as Ra in CIE 13.3

| GENERAL                         |                |
|---------------------------------|----------------|
| Min. lifetime <sup>3</sup>      | 50,000 hours   |
| Weight                          | 27W 11.48 lbs. |
|                                 | 40W 11.77 lbs. |
|                                 | 42W 11.77 lbs. |
| Dimensions (inches)             |                |
| L 23.8" x W 23.8" x H 3.9"      |                |
| Ambient Temp Range -30C to +40C |                |

| ELECTRICAL          |   |
|---------------------|---|
| Power factor        | > 0.90  |
| Recommended Dimmers |   |
| Leviton             | AWRMG-7XX,<br>AWSMG-7XX,<br>AWSMT-7XX,<br>IP710-LFZ/DLX |
| Lutron              | DIVA-DVTV, NOVA-NVTV, NOVAT-NTFTV, W/PP20               |

| OPTICAL          |         |
|------------------|---------|
| Duv <sup>4</sup> | < 0.006 |

3. Lifetime as defined by IESNA LM-80  
4. Duv values and tolerances as per ANSI C78.377-2008 Nominal CCT, Table 1, page 8



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