



## LED 2x2 TROFFER FIXTURE

Suspended Ceiling Grid Mount LED Downlight  
40watt, 120VAC, Dimming



### FEATURES & BENEFITS

*This affordable grid mount LED recessed troffer fixture is a remarkable way to light up an area with high quality reliable lighting. Exceptional for classroom, office, hallway and hospital lighting applications.*

**ENERGY EFFICIENT** – This high lumen, low wattage product offers exceptional energy efficient value.

**MAINTENANCE FREE** – Eliminates costly bulb and/or ballast replacements, lens cleaning/replacements due to UV yellowing and is corrosion resistant. Reduces unnecessary landfill & disposal.

**ARCHITECTURALLY PLEASING DESIGN** – The Silescent LED Troffer looks outstanding in either the ON or OFF state.

**PLEASING LAMP COLOR** – Delivering pure (visible) light spectrum lighting originating from the highest quality COB array's producing the most vibrant of colors.

**WIDE AREA LIGHT DISTRIBUTION** – 140 degree distribution provides remarkable light coverage.

**DIMMING** – Provides Triac/Phase Dimming (conventional incandescent wall dimmer). See Silescent Dimming Capabilities and Compatibility chart available at [www.silescent.com](http://www.silescent.com)

**ENVIRONMENTALLY FRIENDLY** – No Hazardous Mercury Content.

**LISTINGS & COMPLIANCE** – UL1598 listed Canada & US (ETL label), suitable for suspended ceiling-grid mount, IP65 rated, RoHS compliant.

**DURABLE LIGHTWEIGHT CONSTRUCTION** – The smooth lines and construction of the Silescent 2x2 LED troffer fixture weighs only **6 pounds** allowing for safe and easy installation.

**THERMAL MANAGEMENT** - Patented (No.'s: 7,810,960 & 8,360,614) HEAT FORWARD/LIGHT FORWARD proprietary technology using its thermal radiating trim which also provides mounting and style.

**EXTRA LONG LIFE** – 100,000 operating hours (@ 10 hrs/day is > 27 years)

**WARRANTY** – 5 year limited warranty, both LED and driver. Full warranty details available at [www.silescent.com](http://www.silescent.com)

**EASY MOUNTING/INSTALLATION** – *New Construction & Retrofit:* suitable for suspended ceiling grid mount.

**MADE IN USA** – Both driver and fixture are designed, engineered and mfr'd by Silescent Lighting in Ft. Lauderdale FL (ARRA & NAFTA compliant).

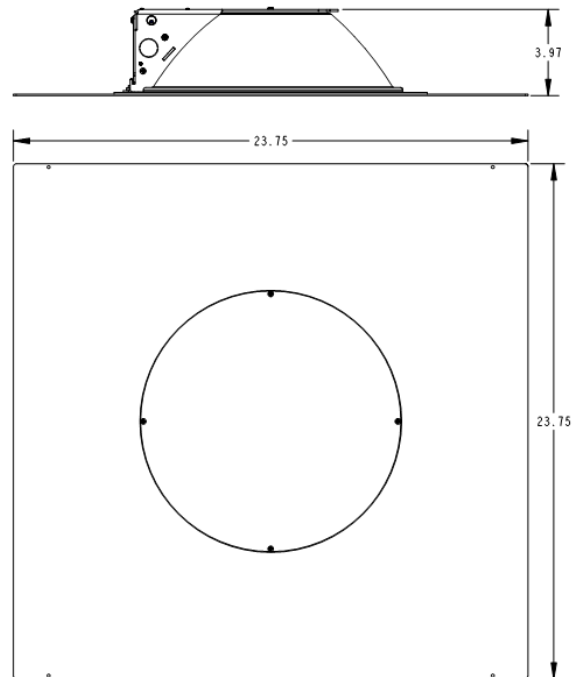
### ELECTRICAL DATA

- **Operating Temp:** -40°C to +40°C
- **Ambient Temp:** <35°C
- **Nominal Voltage:** 120VAC<sub>in</sub>
- **Operating Voltage:** 103 – 125VAC, 50 / 60 Hz

### PERFORMANCE SUMMARY

- **Lumens:** 3880 lumens (*delivered*)
- **Wattage:** 40 watts
- **Efficacy:** 97 lumens/watt
- **CCT:** 5000 Kelvin (>65CRI)

*Note: This fixture also comes with Integrated Emergency Battery Backup.*



### SPECIFICATIONS

**THERMAL PLATE STYLE** – 24in x 24in, Square-Flat Thermal Plate.

**FINISH** – Standard Powder Coat White Finish.

**INPUT VOLTAGE** – 120VAC<sub>in</sub> (Silescent LP3 driver)

**LAMP TEMPERATURES (CCT)** – 5000 Kelvin (CRI>70)

**OPTIC** – Diffuser, 140 degree distribution.

**WATTAGE** – 40 watts.

**FIXTURE WEIGHT** – 6.0lbs

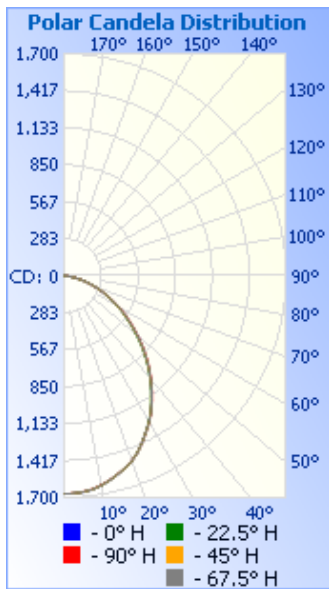
*Standard options available upon request (Finish & CCT). Pricing & lead-times may be affected. Contact Manufacturer.*



MADE IN USA

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**T2433LP40:** Diffuser, 120VAC<sub>in</sub>, 5000k, 70CRI, 39.1 Watts, 3796.2 Delivered Lumens, 97.0 Lm/W (measured)

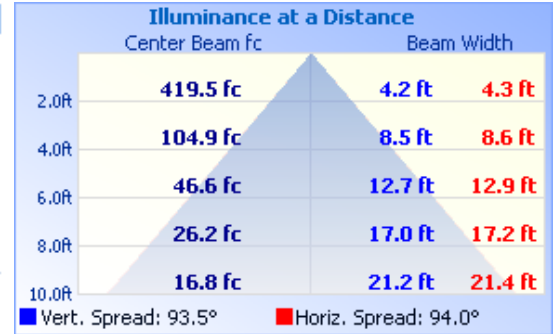


**Lumens Per Zone**

Zone	Lumens	% Total
0-10	158.2	4.2%
10-20	445.9	11.7%
20-30	650.7	17.1%
30-40	731.8	19.3%
40-50	685.5	18.1%
50-60	546.2	14.4%
60-70	365.1	9.6%
70-80	178.4	4.7%
80-90	34.4	0.9%

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	1,254.8	33.1%
0-40	1,986.6	52.3%
0-60	3,218.3	84.8%
60-90	577.8	15.2%
70-100	212.7	5.6%
90-120	0	0%
0-90	3,796.2	100%
90-180	0.0	0%
0-180	3,796.2	100%



.ies files available upon request  
(contact manufacturer; TR108-T2)



*This fixture also comes with integrated  
Emergency Battery Backup.*

Catalog #:	T2433LP40	Type
Project:		
Comments:		Date
Prepared by:		