



LED 2x2 TROFFER FIXTURE

Suspended Ceiling Grid Mount LED Downlight
40watt, 120/277VAC_{in}



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 2x2 LED fixture 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.

INSTANT ON/OFF – Designed for Instant ON/OFF operation.

ENVIRONMENTALLY FRIENDLY – No Hazardous Mercury Content.

LISTINGS & COMPLIANCE – UL1598 listed Canada & US (ETL label), suitable for suspended ceiling-grid mount, 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

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).

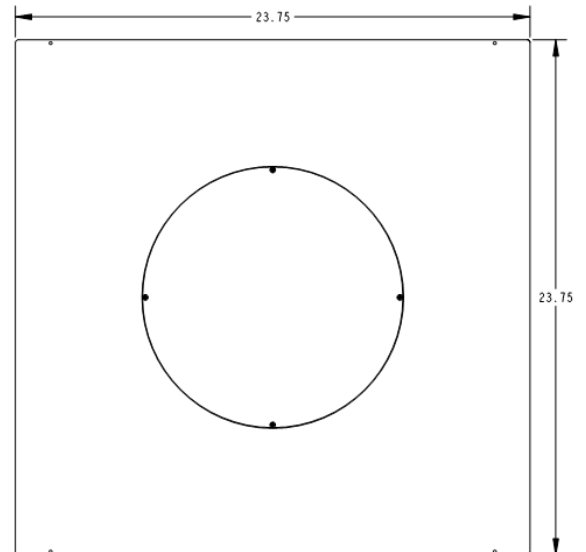
ELECTRICAL DATA

- **Operating Temp:** -40°C to +40°C
- **Ambient Temp:** <35°C
- **Nominal Voltage:** 120/277VAC_{in}
- **Operating Voltage:** 103 – 285VAC, 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 – 120/277VAC_{in} (Silescent HN3 driver)

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

OPTIC – Diffuser, 140 degree distribution.

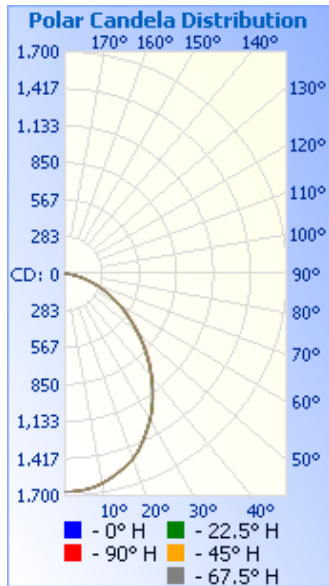
WATTAGE – 40 watts.

FIXTURE WEIGHT – 6.0lbs

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



T2433HN40: Diffuser, 120/277VAC_{in}, 5000k, 70CRI, 39.1 Watts, 3796.2 Delivered Lumens, 97.0 Lm/W (measured)

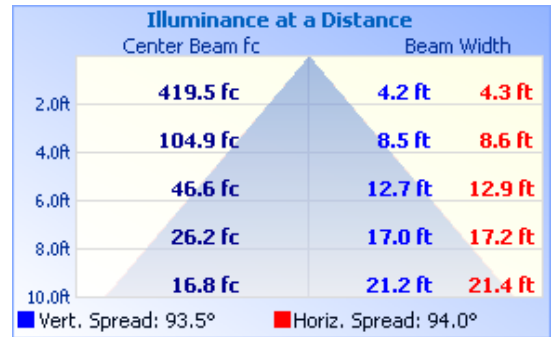


Lumens Per Zone

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%
0-90	3,796.2	100%
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 #:	T2433HN40	Type
Project:		
Comments:		Date
Prepared by:		