

Project	Type
Catalog Number	

L-Grid®2EH 2x2

Troffer Luminaire Series

For T-Grid new construction or one-for-one replacement applications, the L-Grid®2EH 2x2 troffer stands ready. It is the total solution, providing an appealing and unobtrusive luminaire presence while simultaneously delivering extraordinary light through a flat, frosted lens. With convenient installation options available, integrating this luminaire into your workplace will be simple and straight-forward, regardless of the application.



Features

- Type Non-IC fixture
- Class 2 compliant design (low voltage, limited power)
- Dimmable via Mark 7 (0-10V) dimming available
- Battery backup option available
- Plenum air return option available
- L70 Calculated Life Expectancy of 200,000 hours¹
- L85 Calculated Life Expectancy of 115,000 hours¹
- High flux option available for 5,000K CCT only²
- Ten-year warranty

Certifications

- UL Listed (E344008)
- DesignLights Consortium Listed
- LM-79 available
- NSF Listed



Energy Data

Spec Type	Base Flux	Standard Flux	Medium Flux	High Flux ²
Color Temperature (K)	3,500 4,000 5,000	3,500 4,000 5,000	3,500 4,000 5,000	5,000
Input Voltage (VAC)	120-277	120-277	120-277	120-277
System Level Power (W)	27.6	42.5	64.6	195.7
Delivered Lumens (Lm)	3,120 3,245 3,400	4,505 4,765 5,010	6,120 6,500 6,840	21,480
System Efficacy (Lm/W)	113 118 123	106 112 118	95 101 106	110
Color Rendering Index (CRI)	80 min	80 min	80 min	80 min
L70 Calculated Life (Hrs.) ¹	200,000	200,000	200,000	181,000
L85 Calculated Life (Hrs.) ¹	115,000	115,000	115,000	81,000
Operating Temperature (°C)	-40 to 45	-40 to 45	-40 to 45	-40 to 30

Specifications

Spec Type	Data
Dimensions	23.7" x 23.7" x 3.8"
Units/Carton	1
Net Weight	15 lbs.
Environmental Rating	Dry

Accessories

Part Number	Description
DW-22TX	2x2 Troffer Drywall Flange Kit
ILB-CP12-A	IOTA Battery Backup Low Voltage
CMR-10-ADC	Occupancy Sensor 360° Dimming 120-277V Ceiling Mount
IP710-LFZ	Leviton Dimmer 120/277VAC 0-10V Single-Pole & 3-Way

Ordering Information

Series	Size	CCT	CRI	Voltage	Flux Level	Air Return	Lens
GTR2	22EH	35 - 3500K 40 - 4000K 50 - 5000K	80 - 80 min	UNV2 - 120-277V	B - Base S - Standard M - Medium H - High	A - Air Return N - No Air Return	F - Frosted

Example: GTR2-22EH-35-80-UNV2-B-A-F

1. Product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

2. Non-Insulation Contact: Must be installed in plenum air return grid ceiling Install with minimum spacing between: (A) Center-to-center of adjacent luminaires: 48" (1200mm) (B) Top of luminaires to overhead building member: 10" (250mm) (C) Luminaire center to side building member: 24" (600mm)