

Project	
Catalog #	

DESCRIPTION

L-Grid2 is an LED troffer luminaire designed for installation in 2-foot by 2-foot conventional suspended grid ceilings for new construction or retrofit projects. Featuring superior, evenly dispersed lighting that sets the standard in performance for solid state ceiling luminaires, L-Grid2 can also significantly reduce the number of fixtures needed to light a given area. Custom fixture and power supply kit design allows for quick and easy installation, reducing costly labor time. The superior thermal design will extend both the life of the fixture and power supply. And by still emitting 70% of the original light output after more than 200,000 hours*, L-Grid2 will last many years without the need for costly replacement or maintenance.



Troffer Luminaire
2' x 2'EH Troffer, Standard Flux
43 W / 4700 Lumens



FEATURES

- Phenomenal light output using only 42.5 Watts
- Class 2 compliant design (120-277V, limited power)
- L70 lifetime of more than 200,000 hours*
- Fixture dimmable via Mark 7 (0-10V) dimming interface
- 5-year warranty
- Battery backup option available
- Plenum air return option available

CERTIFICATION

- UL Approved - E344008



ENERGY DATA

CCT (K)	3500	4000	5000
Input Voltage (VAC)	120 - 277	120 - 277	120 - 277
System Level Power (W)**	42.5	42.5	42.5
Delivered Lumens (Lm)	4505	4765	5010
System Efficacy (Lm/W)**	106	112	118
Color Rendering Index	80 min	80 min	80 min
L70 Calculated Life (Hrs)*	>200,000	>200,000	>200,000
L85 Calculated Life (Hrs)*	115,000	115,000	115,000
Operating Temp (°C)	-40 to 50	-40 to 50	-40 to 50

* US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Calculated 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

** Measured at 277VAC

SPECIFICATIONS

Dimensions (in)	23.7 x 23.7 x 3.8
Units/carton	1
Net weight	15 lbs
Environmental Rating	Dry

FIXTURE ORDERING INFORMATION

Example: GTR2-22EH-35-80-UNV2-S-N-F

Series	Size	CCT (K)	CRI	Voltage	Flux	Air Return	Lens
GTR2	22EH	35 3500K	80 80 min	UNV2 120-277V	S Standard	A Air Return N No Air Return	F Frosted
		40 4000K					
		50 5000K					

