

L-Grid3

2x2 Troffer Luminaire

Project	Type
Catalog Number	

Rev #	4/03/17-1
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Description

For a T-Grid new construction or retrofit application, US LED has unveiled the L-Grid3 2x2 troffer. Demonstrating the merge of elegant design with powerful performance, the industry-leading light engine will ship with your choice of a flat lens or a volumetric lens. The L-Grid3 2x2 is capable of replacing existing lighting systems with fewer fixtures while maintaining or exceeding existing light levels.



Designed, Engineered & Assembled in the USA

Features

- Type Non-IC Fixture
- Class 2 compliant design (low voltage, limited power)
- Fixture dimmable via Mark 7 (0-10V) dimming interface
- Battery Backup option available
- 5-year warranty

Specifications - Average values for family products

2x2 Dimensions (in)	23.7" x 23.7" x 3.4"
Units / Carton	1
Net Weight	15 lbs.
Environmental Rating	Dry

Certifications

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

Energy Data	Standard Flux			High Flux		
	3500K	4000K	5000K	3500K	4000K	5000K
Input Voltage (VAC)	120-277	120-277	120-277	120-277	120-277	120-277
System Level Power (W)	32.8	32.8	32.8	50.5	50.5	50.5
Delivered Lumens (Lm)	3,600	3,800	3,900	5,100	5,400	5,550
System Efficacy (Lm/W)	110	116	119	101	107	110
Color Temperature (K)	3500	4000	5000	3500	4000	5000
Color Rendering Index (CRI)	80 Min	80 Min	80 Min	80 Min	80 Min	80 Min
L70 Calculated Life (Hrs.)*	>200,000	>200,000	>200,000	>200,000	>200,000	>200,000
L85 Calculated Life (Hrs.)*	126,000	126,000	126,000	104,000	104,000	104,000
Operating Temp (°C)	- 30 to 45	- 30 to 45	- 30 to 45	- 30 to 45	- 30 to 45	- 30 to 45

* 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.

Fixture Ordering Information

Series	Size	CCT	CRI	Diffuser	Driver	Flux Level	Battery Backup
GTR3	22 - 2x2	35 - 3500K 40 - 4000K 50 - 5000K	80 - 80 Min	V - Volumetric F - Flat	A - AC Driver	S - Standard H - High	N - No Battery B - With Battery

Example: GTR3-22-35-80-V-A-S-N

Accessories

Ordering Part Number	Description
DW-22TX	2x2 Troffer Drywall Flange Kit
ILB-CP12-A	IOTA Battery Backup