

L-GridEH

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, the L-Grid2EH 2x2 troffer stands ready. The L-Grid2EH 2x2 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)
- Fixture dimmable via Mark 7 (0-10V) dimming interface
- 2x2, 1x4 options
- Battery Backup option available
- Plenum air return option available
- 5-year warranty

Specifications - Average values for family products

2x2 Dimensions (in)	23.7" x 23.7" x 3.8"
Units / Carton	1
Net Weight	15 lbs.
Environmental Rating	Dry

LED LIGHTING
OF HOUSTON



Designed, Engineered &
Assembled in the USA

Certifications

- UL Listed (# E344008)
- DesignLights Consortium® qualified (Premium) (Premium - Base Flux Only)
- LM-79 available



Energy Data	Base Flux (Premium DLC)			Standard Flux			Medium Flux			High Flux†
	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K	5000K
Input Voltage (VAC)	120-277	120-277	120-277	120-277	120-277	120-277	120-277	120-277	120-277	120-277
System Level Power (W)	27.6	27.6	27.6	42.5	42.5	42.5	64.6	64.6	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 Temperature (K)	3500	4000	5000	3500	4000	5000	3500	4000	5000	5000
Color Rendering Index (CRI)	80 Min	80 Min	80 Min	80 Min	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	>200,000	>200,000	>200,000	181,000
L85 Calculated Life (Hrs.)*	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	81,000
Operating Temp (°C)	-40 to 55	-40 to 55	-40 to 30	-40 to 30	-40 to 30	-40 to 30	-40 to 30	-40 to 30	-40 to 30	-40 to 30

* LED Lighting of Houston 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.

† 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: 10in (250mm)

(C) Luminaire center to side building member: 24in (600mm)

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Fixture Ordering Information

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

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

Accessories

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