

L-GridEH GLD1

2x4 L-Grid Troffer Luminaire

Project	Type
Catalog Number	

Rev # 4/04/17-1

Description

For a T-Grid new construction or retrofit application, US LED has released the GLD1 2x4 troffer. The GLD1 2x4 provides an unequalled architectural aesthetic with brilliant performance, housing an industry-leading light engine from behind a prismatic, radial lens. The GLD1 2x4 is capable of replacing existing lighting systems with fewer fixtures while maintaining or exceeding existing light levels.

US LED
Always the Right Choice!

GLD1



 Designed, Engineered &
Assembled in the USA

Features

- Aesthetic radial lens
- Low-voltage dimming included (0-10V)
- Designed for T-grid and hard ceilings
- Powder-coat finish
- Battery Backup option available
- 5-year warranty

Specifications - Average values for family products

Dimensions (in)	47.9" x 23.9" x 2.9"
Units / Carton	1
Net Weight	16 lbs.
Environmental Rating	Dry

Certifications

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

Energy Data	3500K	4000K	5000K
Input Voltage (VAC)	120-277	120-277	120-277
System Level Power (W)	46	46	46
Delivered Lumens (Lm)	5,240	5,400	5,330
System Efficacy (Lm/W)	114	118	116
Color Temperature (K)	3500	4000	5000
Color Rendering Index (CRI)	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 45	- 40 to 45	- 40 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	Flux Level
GLD1	24 - 2X4	35 - 3500K 40 - 4000K 50 - 5000K	80 - 80 Min	H - High Flux

Example: GLD1-24-50-80-H

Accessories

Ordering Part Number	Description
DW-24	Flange Kit
ILB-CP12-A	IOTA Battery Backup