



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

ETL G2 24 | LED Lensed Troffer

Features:

- High performance LED technology
- 90+ CRI standard
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Multiple shielding options optimized to balance efficiency and aesthetics
- Available in multiple lumen output packages for maximum flexibility

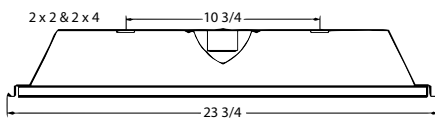
Applications:

Suitable for most commercial and institutional applications

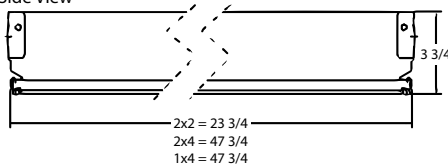
- Office
- Retail
- Classrooms
- Healthcare Facilities

Schematic:

Cross Section



Side View



Construction:

- Die-formed heavy-gauge cold rolled steel
- LED tray is precision brake formed from aluminum
- White enamel finish

Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations



Predicted Lifetime:

- L70 ≥ 131,000 hrs (calculated)
 - L90 ≥ 40,000 hrs (reported)
- (based on LM-80, TM-21 and in-situ laboratory testing)

Warranty:

- 5 year limited system warranty
- See www.LumenFocus.com for complete warranty terms and conditions
- 10 year warranty option available on specific models
(Not available on all models. Certain conditions apply. Consult factory or sales representative for details.)



Ordering Guide:

example: ETL G2 24 LW UV A12 940 W6

| Series | Size | Output | Voltage | Shielding | CRI/CCT | Controls | Options |
|--------------------|---------------|---|---|---|--|--|--|
| ETL G2 | 24 | | | | | | |
| ETL G2 ETL Gen2 | 24 2' x 4' | SL Super Low VL Very Low LW Low ML Medium Low MD Medium HI High VH Very High SH Super High | UV 120-277 34 347V | A12 Pattern 12 Prismatic Acrylic Lens PW Frosted Pattern 12 Prismatic Acrylic Lens A23F Frosted High Efficiency Pattern 23 Acrylic Lens | 930 90 CRI/3000K 935 90 CRI/3500K 940 90 CRI/4000K 950 90 CRI/5000K | Blank No Controls ZOSMD 0-10V Dimming Microwave Occupancy Sensor ⁽¹⁾ ZIFC Douglas IFC Controller with Newtork Capabilities ⁽¹⁾ | Blank No Options EXT10 10-Year Extended Warranty ⁽²⁾ W6 6' Whip EM Emergency Pack ⁽³⁾ F Fuse GC Grid Clip RLY Relay SC Safety Cable LVL 0-10V Dimming Leads for Easy Field Access BAA Buy American Act Compliant |

Notes

⁽¹⁾ See page 3 for more details.

⁽²⁾ Not available on all models. Certain conditions apply.
Consult factory or sales representative for details.

⁽³⁾ Up to 10W (120-277V / 0°C-50°C ambient)

Performance Chart:

| Catalog # | Watts | Lumens (930) | LPW (930) | Lumens (935) | LPW (935) | Lumens (940) | LPW (940) | Lumens (950) | LPW (950) |
|-------------------------|-------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|
| ETL G2 24 SL UV A12 9xx | 22.9 | 3012.6 | 131.3 | 3025.3 | 131.8 | 3097.1 | 135.0 | 3097.1 | 135.0 |
| ETL G2 24 VL UV A12 9xx | 28.5 | 3782.1 | 132.5 | 3798.0 | 133.0 | 3888.2 | 136.2 | 3888.2 | 136.2 |
| ETL G2 24 LW UV A12 9xx | 31.9 | 4250.9 | 133.2 | 4268.8 | 133.8 | 4370.2 | 137.0 | 4370.2 | 137.0 |
| ETL G2 24 ML UV A12 9xx | 37.7 | 4944.1 | 131.0 | 4964.9 | 131.6 | 5082.9 | 134.7 | 5082.9 | 134.7 |
| ETL G2 24 MD UV A12 9xx | 45.3 | 5897.8 | 130.2 | 5922.6 | 130.7 | 6063.3 | 133.8 | 6063.3 | 133.8 |
| ETL G2 24 HI UV A12 9xx | 54.3 | 6910.5 | 127.2 | 6939.7 | 127.8 | 7104.5 | 130.8 | 7104.5 | 130.8 |
| ETL G2 24 VH UV A12 9xx | 58.6 | 7884.0 | 134.4 | 7917.2 | 135.0 | 8105.3 | 138.2 | 8105.3 | 138.2 |
| ETL G2 24 SH UV A12 9xx | 66.1 | 8866.3 | 134.1 | 8903.7 | 134.7 | 9115.2 | 137.9 | 9115.2 | 137.9 |



The ETL G2 features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an obsolete light fixture. [Learn more about Re-boardABILITY here.](#)



Controls Summary:

| Control Code | Type | Capabilities | Communication |
|--------------|---------------------------------|---|--|
| ZOSMD | Motion (Microwave), Photosensor | On/Low/Off | Wired 1-10V |
| ZIFC | Controller, No Sensors | High/Low/Off, High-End Trim, Grouping, LLLC (Douglas Lighting Controls-Dialog)* | Wireless Bluetooth Mesh, Programmable via iOS App or Douglas Dialog Software |

LLLC = Luminaire Level Lighting Control

* Additional equipment required. Contact LumenFocus representative for details

Universal Douglas: Cloud-based controls

Intelligent Fixture Controller (IFC)

The ETL G2 can be equipped with the Douglas Bluetooth Intelligent Fixture Controller (IFC).

- 0-10V dimming with dim-to-off
- Bluetooth beacon for digital ceiling, IoT and location service strategies
- 150-foot clear line of sight, 50 feet through standard walls
- May be used with dual-channel, tunable white LED drivers providing auxiliary power and dim-to-off capability
- Commissioning through Douglas Lighting Controls, Inc. app from Apple app store
- Listed for emergency control when used on dedicated emergency power bus



CheckLight® Energy Management System

Douglas controls can be integrated with the CheckLight® Energy Management system. This system can help you uncover energy conservation opportunities, create conservation strategies, analyze lighting load inefficiencies, and make configuration changes from anywhere with Douglas' user-friendly interface. You can get measurements, reports, and control your system from a web-based application.

CheckLight® has the capability to look at different facilities within a portfolio and use data benchmarks to compare building performances.

- Find energy conservation opportunities
- Create energy saving strategies
- Analyze load inefficiencies
- Optimize energy management

ZOSMD option: Leviton 0-10V High Frequency Microwave Sensor

The ETL G2 can be equipped with an integrated Leviton 0-10V dimming high frequency microwave sensor ("ZOSMD" option). The ZOSMD detects motion through low density materials allowing it to be installed out of site, under the lens. The high frequency waves offer less interference and false tripping than traditional sensing technology for reliable occupancy applications. The integrated daylighting sensor detects natural light and turns lights ON or keeps lights OFF in response to available natural light or the daylight set point when motion is detected.



- Automatic switching or dimming based on motion
- Ambient light override
- Designed to detect movement behind low-density fixture materials or behind objects made of plastic or glass
- Up to 40' mounting height
- Detection Zone: 52' diameter x 49' Height Max
- Standby Dimming Level: 10% / 20% / 30% / 50%
- IP20 rated
- 120-277V

Photometric Data:

Relative Luminous Intensity

