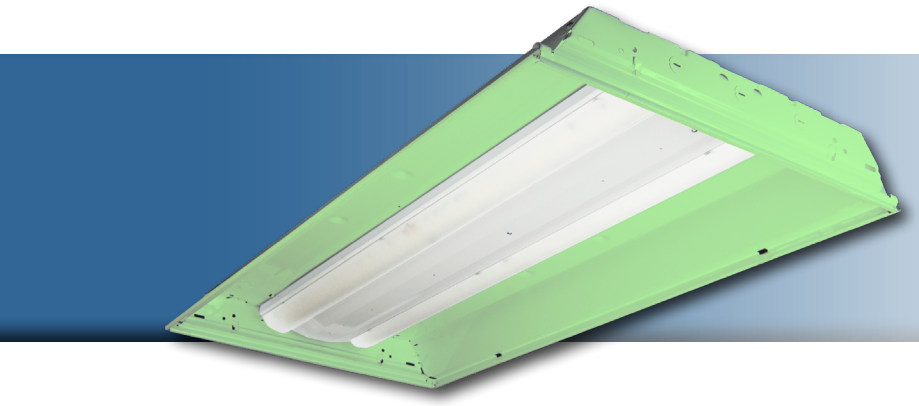


Project: _____

Location: _____

Cat. #: _____

Type: _____

Quantity: _____

LED

RTL G2 24 | LED Troffer Retrofit Kit

Features:

- High performance LED technology
- 90+ CRI standard
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Frosted diffuser available to help minimize glare and improve aesthetics
- Available in multiple lumen output packages for maximum flexibility
- Easy lift and shift installation saves on labor costs

Applications:

For use in existing 2x4 troffer luminaires.

- Office
- Retail
- Classrooms
- Healthcare Facilities

Predicted Lifetime:

- L70 ≥ 131,000 hrs (calculated)
- L90 ≥ 40,000 hrs (reported)

(based on LM-80, TM-21 and in-situ laboratory testing)

Construction:

- Precision brake formed from heavy gauge cold rolled steel
- Highly durable, highly reflective white finish

Certifications:

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

Warranty:

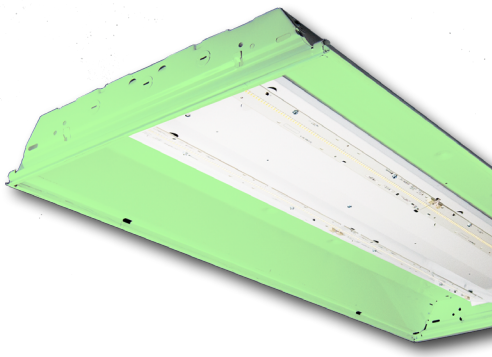
- 5 year limited system warranty
- See www.LumenFocus.com for complete warranty terms and conditions
- 10 year warranty option available on specific models

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

MADE IN USA
USING DOMESTIC AND FOREIGN COMPONENTS

10 YEAR EXTENDED WARRANTY
AVAILABLE ON CERTAIN MODELS

90+ CRI



Ordering Guide:

example: RTL G2 24 LW UV FR 940 ZOSMD EM

Series	Size	Output	Voltage	Shielding	CRI/CCT	Controls	Options
RTL G2	24						
RTL G2 RTL Gen2	**24** 2' x 4'	**SL** Super Low **VL** Very Low **LW** Low **ML** Medium Low **MD** Medium **HI** High	**UV** 120-277 **34** 347V	**Blank** No Shielding **FR** Frosted Acrylic Diffusers	**930** 90 CRI/3000K **935** 90 CRI/3500K **940** 90 CRI/4000K **950** 90 CRI/5000K	**Blank** No Controls **ZOSMD** 0-10V Dimming Mircowave Occupancy Sensor[1] **ZIFC** Douglas IFC Controller with Newtork Capabilities[1]	**Blank** No Options **EXT10** 10-Year Extended Warranty [2] **EM** Emergency Pack [3] **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 12W (120-277V / 0°C-50°C ambient)

Accessories *(order separately)*

- **A12(x)** Pattern 12 Prismatic Acrylic Lens (x = specify exact dimensions)
- **PW(x)** Prismatic White Acrylic Lens (x = specify exact dimensions)
- **A23F(x)** Frosted High Efficiency Pattern 23 Prismatic Acrylic Lens (x = specify exact dimensions)

Performance Chart:

Catalog #	Watts	Lumens (930)	LPW (930)	Lumens (935)	LPW (935)	Lumens (940)	LPW (940)	Lumens (950)	LPW (950)
RTL G2 24 SL UV A12 9xx	22.9	3544.1	154.5	3559.1	155.1	3643.6	158.8	3643.6	158.8
RTL G2 24 VL UV A12 9xx	28.5	4449.4	155.9	4468.2	156.5	4574.3	160.2	4574.3	160.2
RTL G2 24 LW UV A12 9xx	31.9	5001.0	156.8	5022.0	157.4	5141.3	161.1	5141.3	161.1
RTL G2 24 ML UV A12 9xx	37.7	5816.4	154.2	5841.0	154.8	5979.7	158.5	5979.7	158.5
RTL G2 24 MD UV A12 9xx	45.3	6938.4	153.1	6967.6	153.8	7133.1	157.4	7133.1	157.4
RTL G2 24 HI UV A12 9xx	54.3	8129.9	149.7	8164.1	150.3	8358.0	153.9	8358.0	153.9
RTL G2 24 VH UV A12 9xx	58.6	9275.1	158.2	9314.2	158.8	9535.4	162.6	9535.4	162.6
RTL G2 24 SH UV A12 9xx	66.1	10430.7	157.8	10474.7	158.5	10723.5	162.2	10723.5	162.2

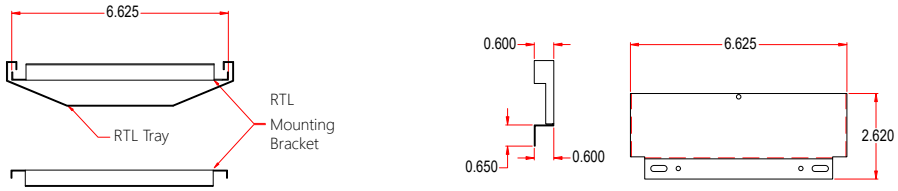
Adjustment Factor: FR diffuser = 0.958

LUMENFOCUS Re-boardABILITY

The RTL 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.

www.lumenfocus.com
880 Facet Rd. | Henderson, NC 27537
252-430-6970

Schematic:



Controls Summary:

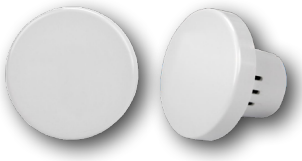
Control Code	Type	Capabilities	Communication
ZOSMD	Motion (Microwave), Photosensor	On/Low/Off	Wired 1-10V
ZIFC	Controller, No Sensors	High/Low/Off, High-End Trim, Grouping, LLLC (Douglas Lighting Controls-Dialog)*	Wireless Bluetooth Mesh, Programmable via iOS App or Douglas Dialog Software

Universal Douglas: Cloud-based controls

Intelligent Fixture Controller (IFC)

The RTL 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 conversion 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