

## DESCRIPTION

GRLED is a recessed lensed troffer series which offers a high quality luminaire designed with the latest solid state lighting and electronic driver technology for optimal performance and energy efficiency. The GRLED is compatible with all of today's popular ceiling systems and is available with a number of shielding options and accessories for application versatility.

The GRLED series features efficiency, quality and performance. The series is an excellent choice for use in a variety of indoor spaces such as offices, schools, residential, hospitals or retail merchandising areas.

<b>Catalog #</b>		<b>Type</b>	
<b>Project</b>			
<b>Comments</b>		<b>Date</b>	
<b>Prepared by</b>			

## SPECIFICATION FEATURES

### Construction

Rigid housing is die formed of code gauge prime cold rolled steel and features full length die-formed stiffeners and unibody endplate for added strength. Side flanges are hemmed for safe handling. Innovative design provides superior lens brightness, uniformity and visual comfort. Unibody endplates are securely attached with interlocking tabs and screws. Four auxiliary fixture end suspension points provided. Endplates have integral Grid-lock feature for safety and convenience. Drivers and internal components are accessible from below the ceiling and LED modules include plug-in low voltage connectors.

### Controls

The GRLED is equipped standard with a 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Combine with energy-saving products like occupancy sensors, daylighting controls, and lighting relay panels to maximize energy savings. Fixtures may have integrated Eaton control systems such as the SPVD series and the LumaWatt Pro series.

### Electrical

Long-Life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3000K, 3500K, 4000K or 5000K with a minimum of 80 CRI. Projected life at 70% lumen maintenance is nearly 200,000 hours with TM21 rating up to L90 >60,000 hours. Electronic drivers are cULus recognized and available for 120-277V and 347V applications. Standard dimming is 0-10V to 10% with 1%, step and Fifth Light DALI dimming options available.

### Emergency Battery Pack Option

Optional 120V-277V integral emergency battery pack is available in 7-watts or 14-watts to meet critical life-safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code-compliance. A test switch/indicator button can be tested safely from the ground using a laser pointer, while the patented EZ Key prevents accidental discharge of the battery during construction. Generator Transfer Device (GTD) and other emergency options available - see ordering information for details.

### Frame/Optical Shielding

Die formed, flat steel door with frosted #12 pattern acrylic prismatic lens offering the balance of rigidity and light stability. Primary stocking skus come standard with robust - .125 lens with other options available for maximum versatility.

### Compliance

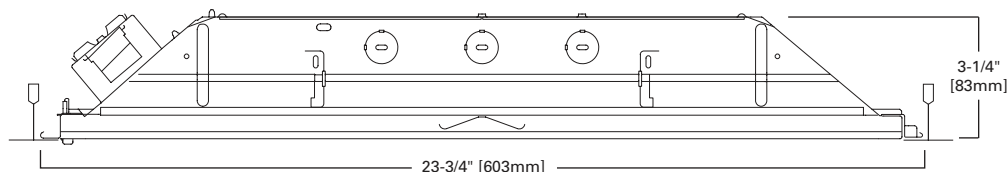
Modules are UL recognized components and indoor luminaires are cULus listed for 25°C ambient environments. Fixtures are suitable for direct insulation contact and are damp location listed. RoHS compliant. LED components comply with IESNA LM-79 and LM-80 standards. DesignLights Consortium™ Qualified and classified for both DLC Standard and DLC Premium, refer to [www.designlights.org](http://www.designlights.org) for details.



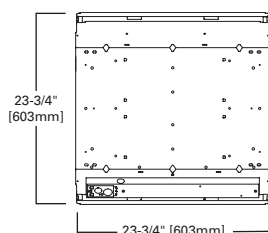
## 22GR LED

2' X 2' LED TROFFER

General Recessed LED Troffer  
For Use in Insulated Ceilings



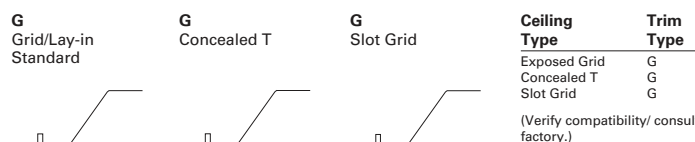
## MOUNTING DATA



## DOOR FRAMES



## CEILING COMPATIBILITY



## WATTAGE

Lumens Package	Watts
2000	16W
2400	20W
2800	24W
3200	28W
3600	32W
4000	39W
4300	40W



## ENERGY AND PERFORMANCE DATA BY CATALOG NUMBER

Stock or MTO*	Catalog Logic	Delivered Lumens	Watts	Efficacy (LPW)
MTO	22GR-LD5-20-F1-UNV-L835-CD1-U	2045	16.3	125
Stock	22GR-LD5-24-F1-UNV-L835-CD1-U	2467	19.9	123
MTO	22GR-LD5-28-F1-UNV-L835-CD1-U	2883	23.8	121
Stock	22GR-LD5-32-F1-UNV-L835-CD1-U	3277	27.6	118
MTO	22GR-LD5-36-F1-UNV-L835-CD1-U	3655	31.7	115
MTO	22GR-LD5-40-F1-UNV-L835-CD1-U	4098	38.8	105
Stock	22GR-LD5-43-F1-UNV-L835-CD1-U	4360	40.1	108

\*Stocked in 3500K and 4000K others are MTO.