

DESCRIPTION

GRLED is a recessed lensed troffer series which offers a high quality luminaire dedicated 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 commercial office spaces, schools, hospitals or retail merchandising areas.

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. 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.

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 from Cooper Controls (www.coopercontrol.com) to maximize energy savings.

Electrical

Long-Life LED system coupled with electrical driver to deliver optimal

performance. LED's available in 3000K, 3500K, 4000K or 5000K with typical CRI 85. Projected life is 60,000 hours at 70% lumen output. cULus listed. Electronic drivers are available for 120-277V applications. A 0-10V dimming driver is standard.

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. See ordering information for details.

Finish

Multistage, iron phosphate pretreatment ensures maximum bonding and rust inhibition. Housing and driver cover finished with new 90% reflective white

Catalog #		Type
Project		
Comments		Date
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enamel for superior performance. "PAF" Painted After Fabrication option also available.

Hinging/Latching

Positive spring loaded steel latches with baked white enamel finish. Safety-lock T-hinges allow hinging and latching either side.

Frame/Optical Shielding

Die formed, flat steel door with frost #12 pattern acrylic prismatic lens offering the balance of rigidity and light stability. Primary stocking skus come standard with robust - .125 lenses.

Compliance

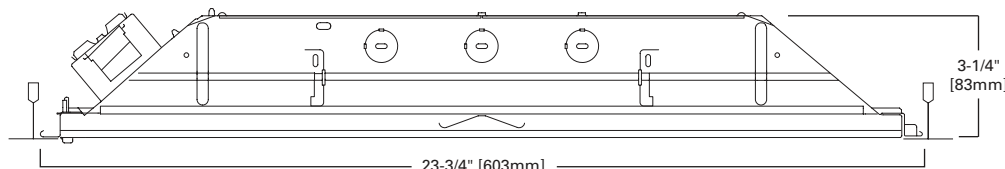
Modules are UL recognized components and indoor luminaires are cULus listed for 25°C ambient environments, RoHS compliant, and LED modules comply with IESNA LM-79 and LM-80 standards. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.



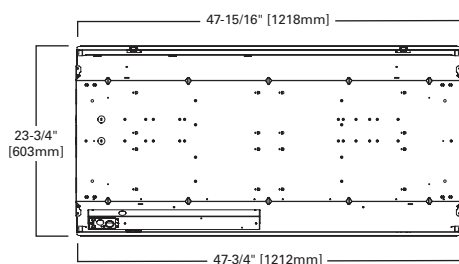
24GR LED LED

2' X 4' LED TROFFER

General Recessed LED Troffer
For Use in Insulated Ceilings



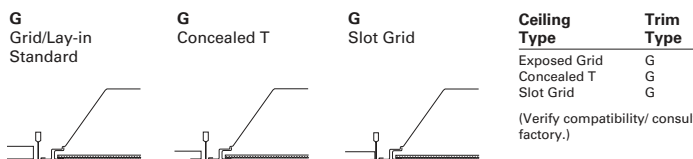
MOUNTING DATA



DOOR FRAMES



CEILING COMPATIBILITY



WATTAGE

Lumens Package	Wattage
3000	27W
3400	32W
3800	35W
4200	37W
4800	43W
5600	51W
6400	60W
7200	63W
8500	78W
9000	85W

ENERGY AND PERFORMANCE DATA BY CATALOG NUMBER

Stock or MTO*	Catalog Logic	Delivered Lumens	Watts	Efficacy (LPW)
MTO	24GR-LD4-30-F1-UNV-L8XX-CD1-U	3009	27.60	109.02
MTO	24GR-LD4-34-F1-UNV-L8XX-CD1-U	3416	32.00	106.75
Stock	24GR-LD4-38-F1-UNV-L8XX-CD1-U	3766	35.99	104.64
MTO	24GR-LD4-42-F1-UNV-L8XX-CD1-U	4249	37.31	113.88
Stock	24GR-LD4-48-F1-UNV-L8XX-CD1-U	4841	43.71	110.75
MTO	24GR-LD4-56-F1-UNV-L8XX-CD1-U	5553	51.97	106.85
Stock	24GR-LD4-64-F1-UNV-L8XX-CD1-U	6398	60.80	105.23
MTO	24GR-LD4-72-F1-UNV-L8XX-CD1-U	7174	63.7	112.66
MTO	24GR-LD4-85-F1-UNV-L8XX-CD1-U	8513	78.82	108.01
MTO	24GR-LD4-90-F1-UNV-L8XX-CD1-U	9020	85.12	105.97

*Stocked in both 3500K and 4000K. Made to order (MTO) requires a typical four week lead time.