

**GRLED**  
General Recessed LED Lensed Troffer

**Metalux**





## GRLED

Metalux's **GRLED** lensed troffers offer the ideal balance of LED performance and value. This series delivers top-tier LED performance, maximizing your energy savings and reducing maintenance cost, while offering the simplicity of our most popular lensed troffer family. With features like spring-loaded hinged door assembly for easy access, GRLED provides the perfect fit for virtually all recessed applications.



### Construction / Mounting

- Recessed: 2' x 2', 2' x 4' and 1' x 4'
- Depth: 3.25"
- Sustainable materials
- Five-year warranty

### Performance

- High performance frost .095 lens standard
- High-performance efficacy up to 140 lm/W
- Energy savings in excess of 60% compared to traditional fluorescent troffers
- Four correlated color temperatures (3000K, 3500K, 4000K and 5000K) at > 80 CRI
- Long life up to:
  - 1' x 4': L85 @ 60,000 hrs.
  - 2' x 2': L88 @ 60,000 hrs.
  - 2' x 4': L89 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse

### Compliance and approvals



### Options

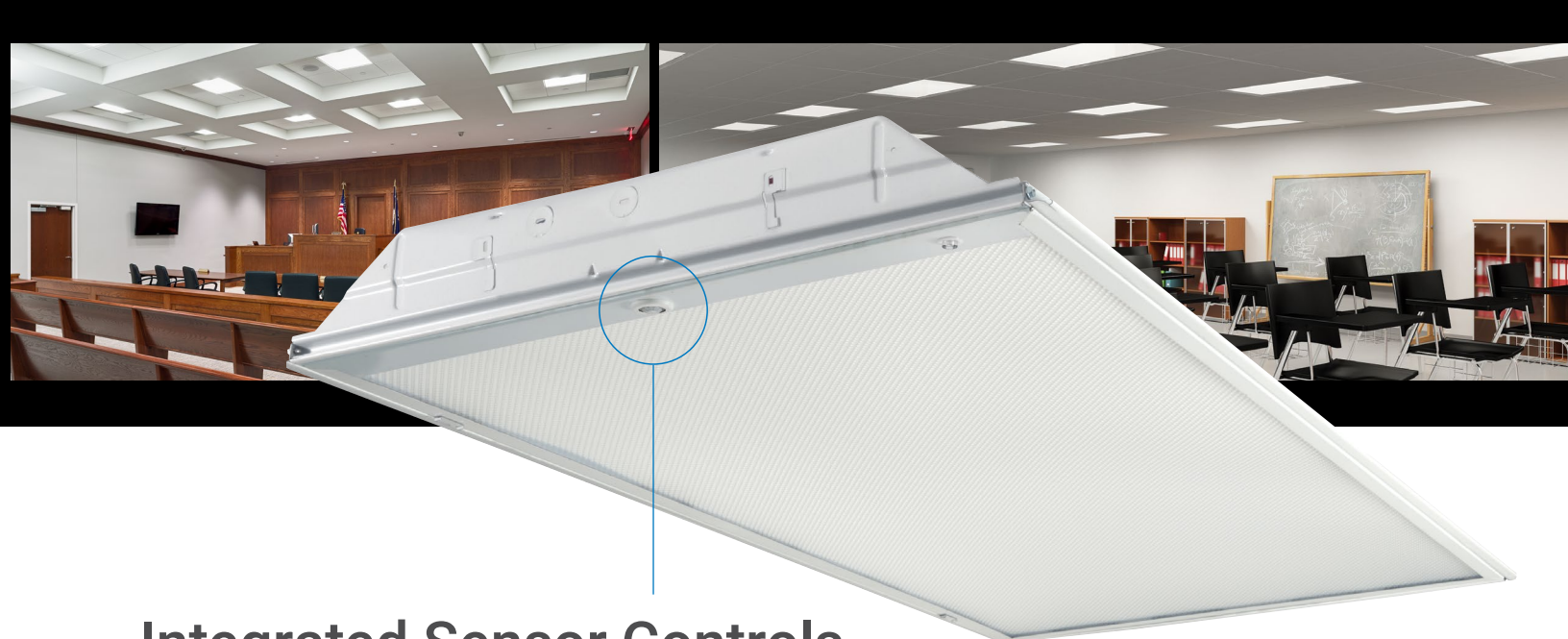
- Stocked lumen packages in either 3500K or 4000K CCT
  - 2' x 2': 2400, 3200 and 4300; 2' x 4': 3800, 4800 and 6400
  - Twenty-four additional lumen packages offered as MTO up to 18,000 lumens (2' x 4') and 9,000 lumens (2' x 2')
- Universal (120V/277V) or 347V
- Emergency – EL (700), EL14 (1400), ETS (2 options), and GTD
- Surface mount kits
- Wide variety for door and lens options
- Flex wiring configurations
- Chicago plenum rated version
- VividTune™ CCT tuning options (3000K - 5000K and 2700K - 6500K)



### Controls

- GRLED can include a factory-installed integrated sensor system for occupancy and daylight dimming control, with programming and manual controls from an optional handheld remote.
- GRLED luminaires include 0-10V dimming drivers for control using wall dimmers (10% - 100%), daylighting sensors and room controllers from Cooper Lighting Solutions. Optional 1% dimming available.
- GRLED luminaires are available with native DALI drivers for complete digital energy management using Fifth Light addressable lighting controls.
- Connected sensors available with Enlighted and WaveLinX options.





## Integrated Sensor Controls

Consult with our factory about GRLED series luminaires with integrated sensor system which are optimized to meet energy codes for occupancy sensing and daylight harvesting. These sensor systems are factory wired to the luminaire, switching on or off based on occupancy, and dimming the light when enough daylight is available, offering out-of-the-box operation using thoughtful default settings. When the application demands more, the sensor system has an optional remote control allowing changes from the default settings for occupancy, target light level, preset lighting levels, and to temporarily override automatic controls.

### SVPD

#### Integrated Sensor System



Adjustable occupancy sensing and daylight dimming control

Out-of-the-box functionality with no configuration required

Optional handheld remote for field adjustments and personal control

Low-bay and high-bay detection pattern options for various ceiling heights up to 30 feet

### WaveLinx

#### Wireless Connected Lighting System



Adjustable occupancy sensing and daylight dimming control

Simple, secure wireless connectivity with out-of-the-box code compliance

Easy to use mobile application allows for fast set up and unlocks advanced control capabilities

Detection pattern covers standard ceiling applications up to 12 feet

### Enlighted

#### Wireless Connected Lighting System



Configurable dimming, occupancy, light, temperature and power use sensing

Enterprise-class wireless networking with fully addressable settings

Powerful software for energy management and Internet of Things (IoT) data capture and analytics

Low bay detection pattern covers low- and high-ceiling applications up to 20 feet

**Lighting Product Lines**

Ametrix  
AtLite  
Corelite  
Ephesus  
Fail-Safe  
Halo  
Halo Commercial  
Invue  
io  
Iris  
Lumark  
Lumière  
McGraw-Edison  
Metalux  
MWS  
Neo-Ray  
Portfolio  
RSA  
Shaper  
Streetworks  
Sure-Lites

**Controls Product Lines**

Fifth Light Technology  
Greengate  
iLight (International Only)  
iLumin  
Zero 88

**Connected Lighting Systems**

Distributed Low-Voltage Power  
HALO Home  
iLumin Plus  
Enlighted  
WaveLinx  
Trellix



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