

# GTL SERIES

GENERAL PURPOSE RECESSED LED TROFFER



2'x2' and 2'x4' configurations

**Step up to LED  
Without Breaking the Bank!**

# Configurable. Specifiable. **Affordable.**

The benefits of LED lighting get even better with the options to suit your needs – and a price to suit your budget.

The GTL Series LED troffer from Lithonia Lighting® is a specifiable, general-purpose LED troffer that offers flexibility for budget-constrained spaces.

Select from an array of lumen packages, color temperatures and lens options. And, enjoy standard options such as emergency-battery backup and lumen management. It's all about putting the lighting you need within your reach.

## AFFORDABILITY IN LED

The GTL Series LED troffer lets you step up to LED without breaking the bank. This LED troffer provides long-term operating cost advantages and a longer life over standard fluorescent lighting. And, in addition to its configurability, it is available at a general-purpose price.



## IDEAL APPLICATIONS:

The 2'x2' or 2'x4' GTLED troffer is ideal for:

- Offices
- Schools
- Commercial general ambient

The GTL Series LED troffer is a low-maintenance troffer that's easy to install and operate, and to upgrade as technology advances. To save on labor, the GTL Series LED troffer is available with optional pre-wired 6' whips for easy installation.

The GTL Series LED troffer has an expected service life of over 10 years or 50,000 hours while its LEDs maintain 70% of their light output.

## LUMEN OPTIONS

The availability of multiple lumen packages changes the fundamental meaning of a "budget" LED troffer.

The GTL Series LED troffer is available in the following lumen packages:

- The 2'x2' GTLED: 2000, 3300 and 3700
- The 2'x4' GTLED: 3000, 4000, 4800, 6000, and 7200

## EMERGENCY BACKUP

The GTL Series LED troffer is configured with a 90-minute, 1400-lumen emergency battery backup, compliant with the NFPA 101 Life Safety Code. And, dual light engines are parallel-wired so both engines operate in emergency mode to provide additional component redundancy.

## LENS OPTIONS

The GTL Series LED troffer offers three choices of refractive lenses that diffuse the LED light source to maximize distribution efficiency and visual comfort.

The **#12 Pattern Lens** provides low brightness with excellent light output.

The **#19 Pattern Lens** provides superior brightness control through the use of a highly-transmissive overlay.

The **Satin White Lens** provides soft-diffuse aesthetics, giving the product a high-end appearance.

## COLOR TEMPERATURE OPTIONS

For multiple-purpose versatility, the GTL Series LED troffer is offered in four color temperatures (CCT) in 82 CRI, for both the 2'x2' and the 2'x4' fixtures: 3000K; 3500K; 4000K; and, 5000K.



**PRISMATIC LENS (application)**



**SATIN LENS (application)**



# Lumen management, and more.

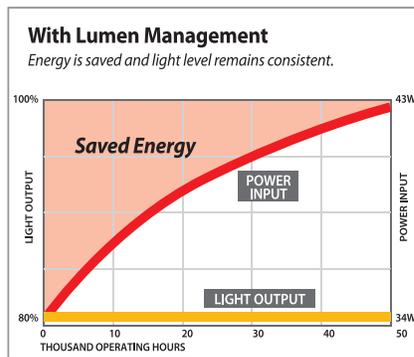
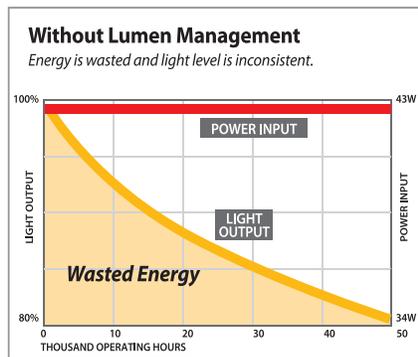


GTL Series LED troffers can be embedded with nLight® technology. This makes the troffer digitally addressable — allowing it to communicate with other nLight® enabled control devices.

## LUMEN MANAGEMENT

With the nLight® N80 option, the GTL Series LED troffer can be configured to extract additional energy savings starting from day one. The on-board intelligence actively manages the LED light source so that constant lumen output is maintained over the life of the product. This prevents energy waste created by the traditional practice of over-lighting.

With lumen management, light output is reduced by 20% from the start, and then gradually increases it to provide constant lumen output over the life of the product.



## a SIMPLE Solution

Have a small room you want to make SMART? Combine an nLight® enabled GTL LED troffer and SensorSwitch® wall sensor with dimming (nWSX PDT LV DX) for increased user control and energy savings.



## DIMMING

The GTL Series LED troffer is offered standard with a dimming driver that delivers a full range of dimming, from a 0-10V control signal.

| ORDERING INFORMATION*                         |        | Lead times will vary depending on options selected. Consult with your sales representative. |                     |                                    |                             |                           |                           | Example: 2GTL 4 48L LP835 NX |                           |                           |
|---|--------|---|---------------------|------------------------------------|-----------------------------|---------------------------|---------------------------|------------------------------|---------------------------|---------------------------|
| Series  | Length | Trim Type   | Lumens <sup>1</sup> | Door                               | Lens                        | Voltage                   | Color temperature         |                              |                           |                           |
| 2GTL<br>2' wide<br>Recessed<br>LED<br>Troffer | 2' 2'  | (blank)<br>F<br>Grid<br>Overlapping<br>Flange   | 20L 2000 lumens     | (blank) Flush steel, white         | (blank) #12 pattern acrylic | 120<br>277<br>347         | LP830 82 CRI, 3000 Kelvin | LP835 82 CRI, 3500 Kelvin    | LP840 82 CRI, 4000 Kelvin | LP850 82 CRI, 5000 Kelvin |
|   |        |   | 33L 3300 lumens     | FN Flush aluminum, natural         | SWL Satin white             |                           |                           |                              |                           |                           |
|   |        |   | 37L 3700 lumens     | FM Flush aluminum, matte black     | A19 #19 pattern acrylic     |                           |                           |                              |                           |                           |
| 2GTL<br>2' wide<br>Recessed<br>LED<br>Troffer | 4' 4'  | (blank)<br>F<br>Grid<br>Overlapping<br>Flange   | 30L 3000 lumens     | FW Flush aluminum, white           | 120<br>277<br>347           | LP830 82 CRI, 3000 Kelvin | LP835 82 CRI, 3500 Kelvin | LP840 82 CRI, 4000 Kelvin    | LP850 82 CRI, 5000 Kelvin |                           |
|   |        |   | 40L 4000 lumens     | RN Regressed aluminum, natural     |                             |                           |                           |                              |                           |                           |
|   |        |   | 48L 4800 lumens     | RM Regressed aluminum, matte black |                             |                           |                           |                              |                           |                           |
|   |        |   | 60L 6000 lumens     | RW Regress aluminum, white         |                             |                           |                           |                              |                           |                           |
|   |        |   | 72L 7200 lumens     |                                    |                             |                           |                           |                              |                           |                           |

| Controls |   | Options            |   |      |                 |
|----------|---|--------------------|---|------|-----------------|
| NX       | 0-10V, dimming, no nLight   | EL14L <sup>5</sup> | 1400 lumen emergency battery                    | LATC | Earthquake clip |
| BLD      | Bi-level dimming  | CP                 | Chicago plenum                                  | NPLT | Narrow pallet   |
| N80      | nLight with 80% (L80) lumen management  | PWS1836            | 6' pre-wire, 3/8" diameter, 18-gauge, 1 circuit | PAF  | Paint after fab |
| N80EMG   | nLight with 80% (L80) lumen management for use with generator supply emergency power <sup>4</sup> | ABC                | Door frame gasketing <sup>6</sup>               |      |                 |
| N100     | nLight without lumen management   | GLR                | Slow-blowing fuse <sup>7</sup>                  |      |                 |
| N100EMG  | nLight without lumen management for use with generator supply emergency power <sup>4</sup>        | GMF                | Fast-blowing fuse <sup>7</sup>                  |      |                 |

### Notes

- 1 Approximate lumen output. Lumen output will vary depending upon lens option chosen. See associated IES files for reference.
- 2 Not available with EL14L or BLD.
- 3 Only choose one.
- 4 Only available in 37L, 40L and 48L.
- 5 Not available with the 2x4 72L. Consult factory on 2x2.
- 6 Available with aluminum door.
- 7 Must specify voltage, 120 or 277.

\*Subject to change without notice. Please reference the most current spec sheet on Lithonia.com

The GTL Series LED troffer is part of the versatile Lithonia Lighting® indoor ambient lighting LED product portfolio.



**COMPANION PRODUCTS:**

Also available are the Contractor Select® model of the GTL LED troffer with limited options, and the GT8 fluorescent T8 troffer.

**SUGGESTED REPLACEMENT**

| Fluorescent | Wattage | LED        | Wattage | % of Savings |
|-------------|---------|------------|---------|--------------|
| 2 Lamp T8   | 58W     | 2GTL 4 40L | 43W     | <b>26%</b>   |
| 2 Lamp T8   | 58W     | 2GTL 4 48L | 51W     | <b>12%</b>   |
| 3 Lamp T8   | 88W     | 2GTL 4 60L | 59W     | <b>33%</b>   |
| 4 Lamp T8   | 112W    | 2GTL 4 72L | 77W     | <b>31%</b>   |

**LITHONIA LIGHTING®**

Lithonia Lighting is a member of the Acuity Brands portfolio of lighting, controls and daylighting solutions.

Lithonia Lighting offers one of the industry's broadest lighting portfolios for commercial and industrial lighting applications. This includes recessed, surface, wraparound, relighting and retrofit kits. Our LED, fluorescent and HID lighting are recognized for their quality, reliability and solid performance, making Lithonia Lighting the most specified brands in the lighting industry.

