

## SPEC SHEET

# LifeTime Series™ Troffer (LT10T)

**INSTALL ONCE - ENDLESS RENEWAL - ILLUMINATE FOR LIFE.**

Covered by U.S. Patent # 12,169,055 B2. Other patents pending.



Featuring:

## ReLuma™ Module

The first and only Plug & Play light engine engineered for effortless, tool-free replacement that extends the life of your fixture.

This all-in-one Plug & Play module integrates the LED engine and electronics to **renew any LifeTime Series Troffer in under a minute**, lowering maintenance costs and keeping fixtures current with the latest technology.

A breakthrough in efficiency, longevity, and sustainability—delivering decades of reliable, eco-friendly performance without fixture disposal.



Projected L70 up to 170,000 hours

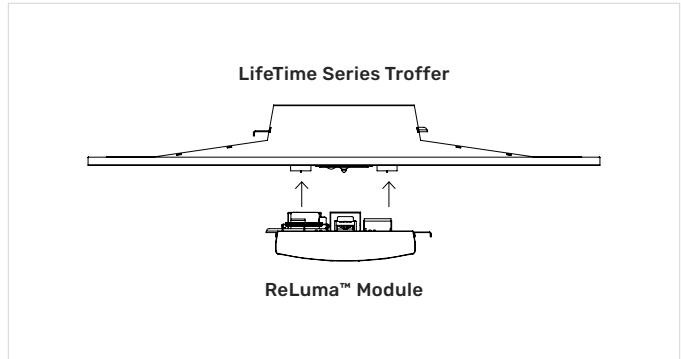
## KEY FEATURES

- Selectable CCT
- Selectable Wattage
- 2,300 to 6,200 Lumens
- Up to 159 LPW
- 1x4, 2x2 and 2x4 Sizes
- Ultra Slim Design
- Plug & Play Controls
- Flicker Free
- Emergency Battery Backup Available

# FEATURES & SPECIFICATIONS

## CONSTRUCTION

- **Housing:** Galvanized cold rolled steel. Ultra slim design (0.6mm).
- **Housing Color:** White.
- **ReLuma™ Module:** Patented groundbreaking technology. All-in-one Plug & Play replaceable module integrating the LED engine and electronics to renew any LifeTime Series Troffer in under a minute.
- **EZ-Connect™ Receptacle:** The simplest and fastest way to add sensors and wireless controls at any time in the field. Snap-in system, no tools or wiring needed.



## ELECTRICAL

- **Power Input:** 120-277V (50/60Hz).
- **Power Factor:** Greater than 0.9.
- **Total Harmonic Distortion:** Less than 20%.
- **Emergency Battery Backup:** EMB has 8 watts output, producing ~1,100 lumens for 90 minutes. Factory installed.

## CONTROLS<sup>1</sup>

- **Dimming:** 0-10V standard. Dim to 5%, then Off.
- **Occupancy Sensors:** PIR sensor, On/Off/Dim. EZ-Connect™ Snap-in system for field installation.
- **Networked Lighting Controls:** UltraLink and UltraLink+ Wireless Controls with Bluetooth® NLC Mesh technology. EZ-Connect™ Snap-in system for field installation.

## OPERATION

- **Environment:** For interior applications, dust-resistant.
- **Ambient Range Operation:** -20°C up to 35°C (-4°F up to 95°F).

## OPTICS

- **CCT:** 3000K, 3500K, 4000K, 4500K, 5000K (selectable via switches).
- **CRI:** 80+ standard.
- **Lens:** Polycarbonate, frosted, low glare.

## MOUNTING

- **Recessed:** In T-bar grid ceiling.

## WARRANTY

- **5 Year Warranty:** The fixture is guaranteed for 5 years free of defects in materials and workmanship, including LEDs and driver. "Defective" is considered if ten percent (10%) or more of the LEDs, per product, are non-operating LEDs, or color temperature has shifted more than 500° Kelvin within the warranty period. See terms and conditions at <https://linmoreled.com/warranty>

## LISTINGS & CERTIFICATIONS

- ETL listed.
- RoHS compliant.
- Title 24 compliant.
- TM66.

## TECHNICAL SPECS

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| SIZE | ADJ WATTS | 3000K  |          | 3500K  |          | 4000K  |          | 4500K  |          | 5000K  |          |
|------|-----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|
|      |           | Lumens | Efficacy |
| 1x4  | <b>16</b> | 2,318  | 145      | 2,440  | 155      | 2,495  | 157      | 2,549  | 159      | 2,479  | 156      |
|      | <b>20</b> | 2,870  | 143      | 3,021  | 154      | 3,136  | 156      | 3,157  | 158      | 3,036  | 155      |
|      | <b>26</b> | 3,745  | 144      | 3,942  | 154      | 4,019  | 156      | 4,070  | 158      | 4,002  | 155      |
|      | <b>34</b> | 4,822  | 142      | 5,076  | 153      | 5,252  | 156      | 5,312  | 157      | 5,213  | 154      |
|      | <b>40</b> | 5,751  | 144      | 6,054  | 152      | 6,160  | 155      | 6,200  | 153      | 6,099  | 153      |
| 2x2  | <b>16</b> | 2,318  | 145      | 2,440  | 155      | 2,495  | 157      | 2,549  | 159      | 2,479  | 156      |
|      | <b>20</b> | 2,870  | 143      | 3,021  | 154      | 3,136  | 156      | 3,157  | 158      | 3,036  | 155      |
|      | <b>24</b> | 3,392  | 141      | 3,570  | 153      | 3,685  | 156      | 3,776  | 157      | 3,676  | 154      |
|      | <b>27</b> | 3,888  | 144      | 4,093  | 151      | 4,166  | 155      | 4,199  | 156      | 4,119  | 153      |
|      | <b>34</b> | 4,822  | 142      | 5,076  | 153      | 5,252  | 156      | 5,312  | 157      | 5,213  | 154      |
| 2x4  | <b>16</b> | 2,318  | 145      | 2,440  | 155      | 2,495  | 157      | 2,549  | 159      | 2,479  | 156      |
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|      | <b>40</b> | 5,751  | 144      | 6,054  | 152      | 6,160  | 155      | 6,200  | 153      | 6,099  | 153      |

Typical lumen output ( $\pm 10\%$ ) at 120V (LV) under 25°C ambient temperature at 5000K.

# ORDERING

| SERIES MODEL - COMPLIANCE - LUMENS - SIZE                                                      | COLOR TEMP                                                                                             | CRI                                                                                   | LENS          | VOLTAGE          |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|------------------|
| LT10T-A1-ADJ-14-<br>LT10T-A1-ADJ-22-<br>LT10T-A1-ADJ-24-                                       | ADJ<br>Adjustable (3000K, 3500K, 4000K, 4500K, 5000K)                                                  | 80<br>80+ CRI                                                                         | FR<br>Frosted | LV<br>120-277VAC |
| MOUNTING <sup>6</sup>                                                                          | SENSORS <sup>1</sup>                                                                                   | OPTIONS                                                                               | DIMMING       |                  |
| GRID<br>Standard mounting for grid ceilings<br>Safety Cable mounting optional, see Accessories | EZ40<br>EZ-Connect™ Receptacle with Twist Lock system, for use with 0-10V control protocols (standard) | EMB<br>Emergency Battery Backup, 8W, ~1,100 lumens for 90 minutes. Factory installed. | 10V<br>0-10V  |                  |

## Packaging Configuration

- 1x4 size: 6 fixtures per box
- 2x2 size: 8 fixtures per box
- 2x4 size: 4 fixtures per box

# ACCESSORIES

Must be ordered separately. Packaged separately.

| Fixture Accessories        |                   |                                                                                                                        |
|----------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                | Type              | Description                                                                                                            |
| <b>CABLEKIT-LOOP10P</b>    | Cable Kit         | Gripple Cable Kit. Includes (two) 10 ft. aircraft cables with adjustable end loop. Pack of 10 cables.                  |
| <b>CABLEKIT-LOOP10P-SS</b> | Cable Kit         | Gripple Cable Kit. Includes (two) 10 ft. aircraft cables with adjustable end loop. Stainless Steel. Pack of 10 cables. |
| <b>LT10T-DWK14</b>         | Drywall Kit       | Drywall Kit for 1x4 LifeTime Series Troffer, Flush Mount.                                                              |
| <b>LT10T-DWK22</b>         | Drywall Kit       | Drywall Kit for 2x2 LifeTime Series Troffer, Flush Mount.                                                              |
| <b>LT10T-DWK24</b>         | Drywall Kit       | Drywall Kit for 2x4 LifeTime Series Troffer, Flush Mount.                                                              |
| <b>LT10T-SMK14</b>         | Surface Mount Kit | Surface Mounting Kit for 1x4 LifeTime Series Troffer.                                                                  |
| <b>LT10T-SMK22</b>         | Surface Mount Kit | Surface Mounting Kit for 2x2 LifeTime Series Troffer.                                                                  |
| <b>LT10T-SMK24</b>         | Surface Mount Kit | Surface Mounting Kit for 2x4 LifeTime Series Troffer.                                                                  |

# BASIC CONTROLS

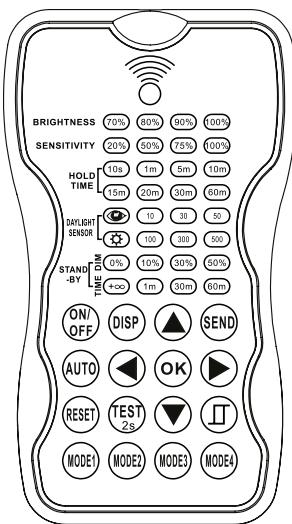
Controls are field installed, must be ordered as a new line item and will ship in a separate box.

## BASIC SENSORS<sup>1</sup>

| Part Number | Description                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | PIR Occupancy and Daylight Sensor, EZ-Connect Snap-in System, Plug & Play, On/Off/Dim, 12' Max Mounting Height, IP20. Field installed. Sensor can be re-programmed with remote SEN-PROG (sold separately). |
|             | Infrared Remote Programmer for Occupancy Sensors. Required to change default settings and modes of operation.                                                                                              |

## DEFAULT SETTINGS

Sensitivity=100%, Hold time=5min, Daylight sensor=disabled, Stand-by dim level=30%, Stand-by time=60min.



## INFRARED REMOTE PROGRAMMER

Required to change default settings and modes of operation.

|                        |                                                                               |                      |                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Brightness</b>      | Light output during occupancy (70%, 80%, 90%, 100%).                          |                      | <b>Daylight harvesting function.</b> Selects the current surrounding lux value as the daylight threshold.           |
| <b>Sensitivity</b>     | Detection area of the sensor (20%, 50%, 75%, 100%).                           |                      | <b>Daylight sensor disabled.</b> All motion detected turns on the light, no matter how bright the natural light is. |
| <b>Hold Time</b>       | Time the sensor waits to turn off or dim the light after the area is vacated. | <b>Stand-by Dim</b>  | Light output during vacancy (0%, 10%, 30%, 50%).                                                                    |
| <b>Daylight Sensor</b> | Daylight sensor status and daylight threshold values in lux.                  | <b>Stand-by Time</b> | Time the sensor keeps the light at stand-by dim level after the hold time has elapsed.                              |

## Scene Modes

The remote comes with four preprogrammed modes. These can be used as is, or adjusted with different parameters and saved over an existing mode.

| Scene         | Application | Brightness | Sensitivity | Hold Time | Stand-by Dim | Stand-by Time | Daylight Sensor |
|---------------|-------------|------------|-------------|-----------|--------------|---------------|-----------------|
| <b>MODE 1</b> | Indoor      | 100%       | 75%         | 5min      | 30%          | 30min         | Disabled        |
| <b>MODE 2</b> | Indoor      | 100%       | 75%         | 1min      | 30%          | +∞            | Disabled        |
| <b>MODE 3</b> | Indoor      | 100%       | 75%         | 5min      | 30%          | 30min         | 30lux           |
| <b>MODE 4</b> | Outdoor     | 100%       | 75%         | 1min      | 30%          | +∞            | 30lux/300lux    |

# ULTRALINK BLUETOOTH CONTROLS



Controls are field installed, must be ordered as a new line item and will ship in a separate box.

## ULTRALINK CONTROLLERS / SENSORS<sup>1</sup>

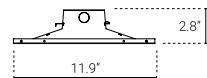
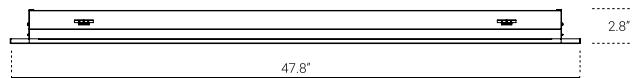
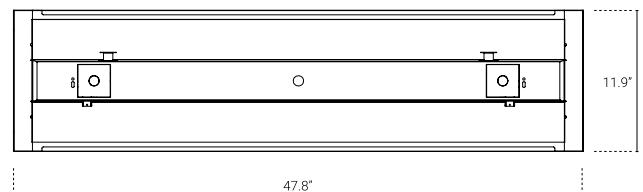
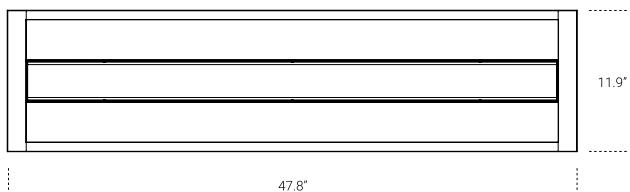
| Part Number             | Description                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ULTRAPIR-WH-EZ40</b> | UltraLink Bluetooth NLC Wireless Fixture Controller with PIR Occupancy and Daylight Sensor, White Color, EZ-Connect Snap-in System, 12' Max Mounting Height, IP20, Silvair Firmware. Field installed. |
| <b>SEN-PROG</b>         | Infrared Remote Programmer for Occupancy Sensors. Only required for EZ10 UltraLink sensors to change detection sensitivity.                                                                           |

## ULTRALINK ACCESSORIES

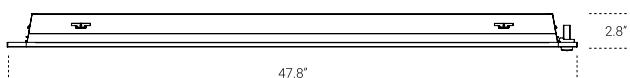
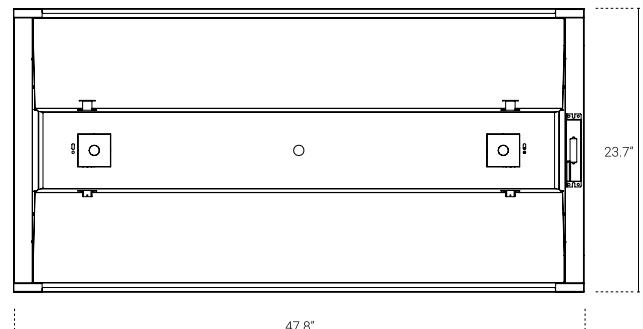
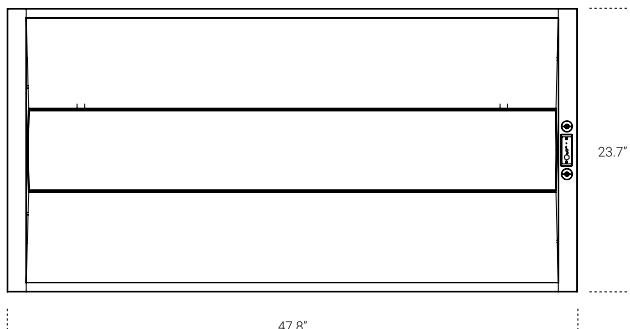
| Part Number                | Description                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ULTRAGATEWAY</b>        | UltraLink Bluetooth NLC Wireless Gateway, required for Advanced Features and Time-Based Events. One gateway can control up to 200 fixtures, allowing for energy monitoring, people tracking, and scheduling. Interior installation only.                                                                                                     |
| <b>ULTRAGATEWAY-4G</b>     | UltraLink Bluetooth NLC Wireless Gateway, RJ45 Ethernet Connector and SIM Card Slot for 4G Cellular Connectivity, PoE or 120V AC Power Adapter, Long Range Bluetooth Mesh, Hardware Security Module, Encrypted File System, Secure Boot, Interior installation only.                                                                         |
| <b>ULTRAGATEWAY-EXT</b>    | UltraLink Bluetooth NLC Wireless Exterior Rated Gateway Box with Long Range Antenna, includes ULTRAGATEWAY. 120-277V Power Supply required.                                                                                                                                                                                                  |
| <b>ULTRAGATEWAY-EXT-4G</b> | UltraLink Bluetooth NLC Wireless Exterior Rated Gateway Box with Long Range Antenna and 4G Cellular Connectivity. Includes ULTRAGATEWAY-4G in a Vented, Temperature-Controlled NEMA Enclosure, Universal Voltage (120, 208, 240, 277, and 480V), Wall Mount, 24 Hour Battery Backup. Optional pole mount kit. Cellular data plans available. |
| <b>ULTRATIME-BAT</b>       | UltraLink Bluetooth NLC Time-Keeping Battery Backup includes an Outdoor Rated Enclosure, a Long Range Antenna and a Backup Battery. For use to keep time during a power outage and for in-node scheduling.                                                                                                                                   |
| <b>ULTRADASH</b>           | UltraLink Dashboards for Energy, Occupancy Heat Mapping, and Energy Heat Mapping. Gateway (ULTRAGATEWAY) required, sold separately.                                                                                                                                                                                                          |

## DIMENSIONS & DRAWINGS

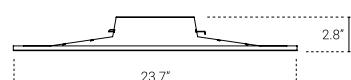
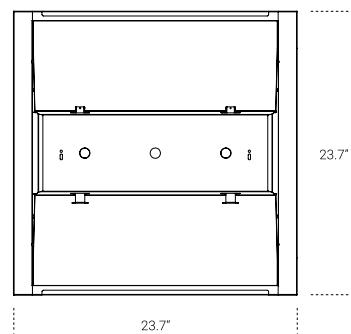
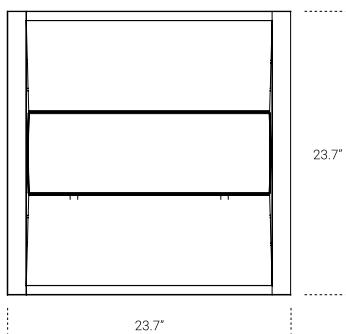
### 1x4



### 2x4



### 2x2



## FOOTNOTES

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1. The performance of sensors and lenses is influenced by various factors beyond Linmore LED's control, including but not limited to environmental conditions, user settings, and proper maintenance. While we provide detailed specifications and guidelines to help optimize performance, we cannot guarantee or be held liable for the performance of sensors or lenses under any particular circumstance(s). Customers are advised to test the products in their specific application environments to ensure suitability for their intended use and are responsible for all sensor and lens selections.

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