

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

LifeTime LED Linear Strip (LT10S)

INSTALL ONCE - ENDLESS RENEWAL - ILLUMINATE FOR LIFE.

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



Projected L70 up to 170,000 hours



Featuring:

ReLuma® Module

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

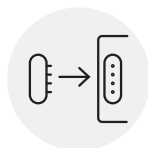
This all-in-one Plug & Play module integrates the LED engine and electronics to **renew the LifeTime LED Linear Strip in under a minute**, lowering maintenance costs and keeping fixtures current with the latest technology. A breakthrough in efficiency, longevity, and sustainability—delivering decades of reliable, eco-friendly performance without fixture disposal.



Selectable Wattage



Selectable CCT



EZ-Connect™ Receptacle



Quick Installation

KEY FEATURES

- 3,161 to 16,190 Lumens
- Up to 165 LPW
- 4 ft and 8 ft Lengths
- Available as Stand-alone fixture or retrofit kit
- Linkable fixtures for seamless, continuous illumination
- Standard and Bluetooth Plug & Play Controls
- Flicker Free
- Emergency Battery Backup Available

FEATURES & SPECIFICATIONS

CONSTRUCTION

- **Housing:** Steel.
- **Housing Color:** White.
- **ReLuma® Module:** Patented groundbreaking technology. All-in-one Plug & Play replaceable module integrating the LED engine and electronics to renew LifeTime LED Linear Strips in under a minute.
- **EZ-Connect™ Receptacle:** The simplest and fastest way to add sensors and wireless controls at any time on 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%.
- **Linkable:** Fixtures can be linked via a single electrical connection to deliver seamless, continuous illumination.
- **Emergency Battery Backup:** EMB has 8 watts output, producing ~1,100 lumens for 90 minutes. Available as an option (factory-installed) or as an accessory (field installed).

OPERATION

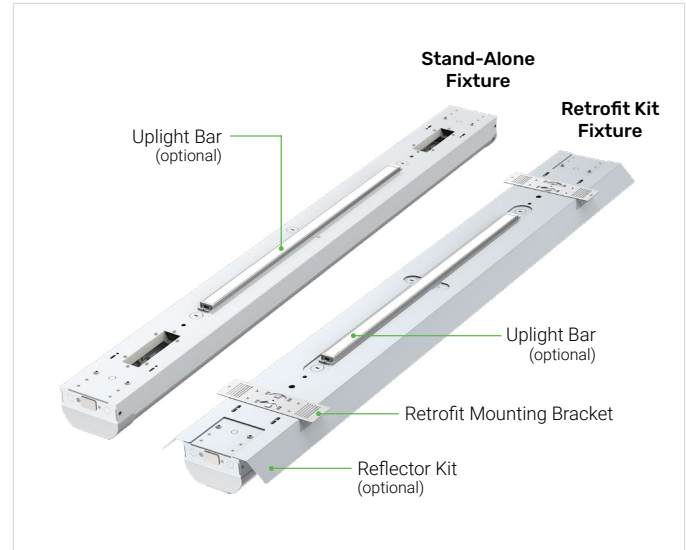
- **Environment:** For interior applications, dust-resistant, listed for damp locations.
- **Ambient Range Operation:** -20°C up to 40°C (-4°F up to 104°F).

OPTICS

- **CCT:** Selectable: 3000K, 3500K, 4000K, 4500K, 5000K.
- **CRI:** 80+ standard.
- **Lens:** PC diffuser. Frosted. 110° beam angle.
- **Uplight Bar (optional):** Selectable output levels of 5%, 10%, or 15% of fixture wattage via DIP switch control.

MOUNTING

- **Stand-Alone Fixture:** Cable Mount or Surface Mount (standard).
- **Retrofit Kit:** Used to upgrade traditional fluorescent lamps without removing the whole fixture. Works for both 4.25" and 5.25" wide strip fixtures. Includes mounting brackets.



CONTROLS¹

- **Dimming:** 0-10V standard. Dim to 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. Other control options available upon request.

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.

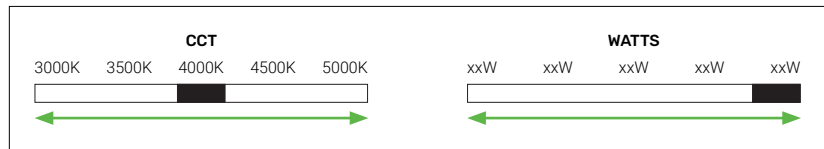
TECHNICAL SPECS

SIZE	ADJ WATTS	3000K		3500K		4000K		4500K		5000K	
		Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
4FT	20	3,161	160	3,193	162	3,223	163	3,243	164	3,259	165
	25	3,907	159	3,948	161	3,983	162	4,007	164	4,033	165
	30	4,628	157	4,688	160	4,729	161	4,770	163	4,793	163
	40	6,269	154	6,328	156	6,371	157	6,413	158	6,436	160
	52	7,801	150	7,926	152	7,996	154	8,029	154	8,095	156
8FT	40	6,322	160	6,386	162	6,446	163	6,486	164	6,518	165
	50	7,814	159	7,896	161	7,966	162	8,014	164	8,066	165
	60	9,256	157	9,376	160	9,458	161	9,540	163	9,586	163
	80	12,538	154	12,656	156	12,742	157	12,826	158	12,872	160
	104	15,602	150	15,852	152	15,992	154	16,058	154	16,190	156

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

Selecting Wattage and CCT

By default, the fixture is set to 4000K at maximum wattage. Adjust the desired output power and color temperature using the DIP switches located on the LED driver at the back of the ReLuma® LED Module.



8ft Model

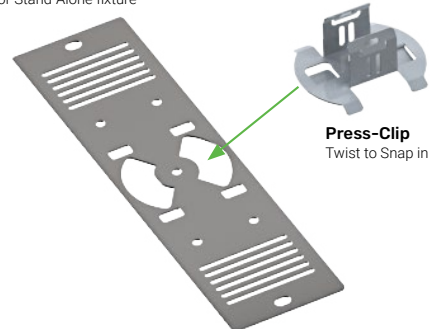
Pairs a 4ft primary fixture (with an EZ-Connect receptacle) and a 4ft extension fixture without a receptacle, creating 8ft of seamless, continuous illumination.



Easy Installation

First-in-class mounting bracket clip-on system, no tools required.

Mounting Bracket
for Stand-Alone fixture



ORDERING

SERIES MODEL - COMPLIANCE - LUMENS - SIZE	COLOR TEMP	CRI	LENS	VOLTAGE
LT10S-A2-ADJ-04P- LT10S-A2-ADJ-04B- LT10S-A2-ADJ-08P- LT10S-A2-ADJ-08B-	ADJ Adjustable (3000K, 3500K, 4000K, 4500K, 5000K)	80 80+ CRI	FR Frosted	LV 120-277VAC
MOUNTING ⁶	CONTROLS ¹	OPTIONS	DIMMING	
FXT Stand-Alone Fixture RTR Retrofit Kit (includes reflector with attached mounting brackets)	EZ40 EZ-Connect™ Receptacle with Snap-in system, for use with 0-10V control protocols (standard) [LEAVE BLANK] Fixture without receptacle	EMB Emergency Battery Backup, 8W, ~1,100 lumens for 90 minutes. Factory installed. ULB Uplight bar with selectable output levels (5%, 10%, or 15% of fixture wattage)	10V 0-10V	

ACCESSORIES



Must be ordered separately. Packaged separately.

FIXTURE ACCESSORIES		
Part Number	Type	Description
SAFETYCABLE	Safety Kit	Kit includes (1) 5 ft. aircraft cable with single snap hook, L-bracket, screw and nut.
CABLEKIT-TE	Cable Kit	Kit includes two cables and two toggle hangers.
VHANGERKIT	V-Hanger	Kit includes 2 wire V-hangers, enough to hang one 4' fixture.

BASIC CONTROLS

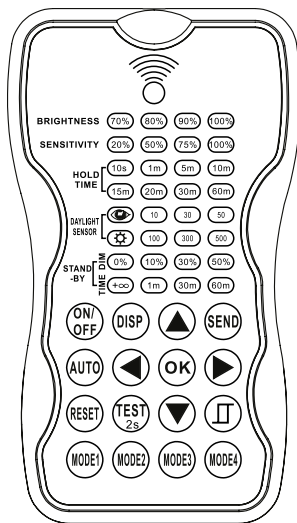
Controls are field installed, must be ordered as a new line item and will ship in a separate box.

BASIC SENSORS¹

	Part Number	Description
	PIR-WH-EZ40	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).
	SEN-PROG	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.

Brightness	Light output during occupancy (70%, 80%, 90%, 100%).		Daylight harvesting function. Selects the current surrounding lux value as the daylight threshold.
Sensitivity	Detection area of the sensor (20%, 50%, 75%, 100%).		Daylight sensor disabled. All motion detected turns on the light, no matter how bright the natural light is.
Hold Time	Time the sensor waits to turn off or dim the light after the area is vacated.	Stand-by Dim	Light output during vacancy (0%, 10%, 30%, 50%).
Daylight Sensor	Daylight sensor status and daylight threshold values in lux.	Stand-by Time	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
MODE 1	Indoor	100%	75%	5min	30%	30min	Disabled
MODE 2	Indoor	100%	75%	1min	30%	+∞	Disabled
MODE 3	Indoor	100%	75%	5min	30%	30min	30lux
MODE 4	Outdoor	100%	75%	1min	30%	+∞	30lux/300lux

ULTRALINK BLUETOOTH CONTROLS



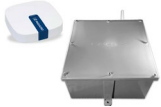





Controls are field installed, must be ordered as a new line item and will ship in a separate box.

ULTRALINK CONTROLLERS / SENSORS¹

Part Number	Description
 ULTRAPIR-WH-EZ40	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.
 SEN-PROG	Infrared Remote Programmer for Occupancy Sensors. Only required for EZ10 UltraLink sensors to change detection sensitivity.

ULTRALINK ACCESSORIES

Part Number	Description
 ULTRAGATEWAY	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.
 ULTRAGATEWAY-4G	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.
 ULTRAGATEWAY-EXT	UltraLink Bluetooth NLC Wireless Exterior Rated Gateway Box with Long Range Antenna, includes ULTRAGATEWAY. 120-277V Power Supply required.
 ULTRAGATEWAY-EXT-4G	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.
 ULTRATIME-BAT	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.
 ULTRADASH	UltraLink Dashboards for Energy, Occupancy Heat Mapping, and Energy Heat Mapping. Gateway (ULTRAGATEWAY) required, sold separately.

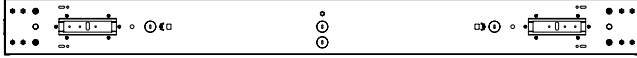
DIMENSIONS & DRAWINGS

Fixture Only

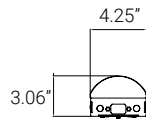
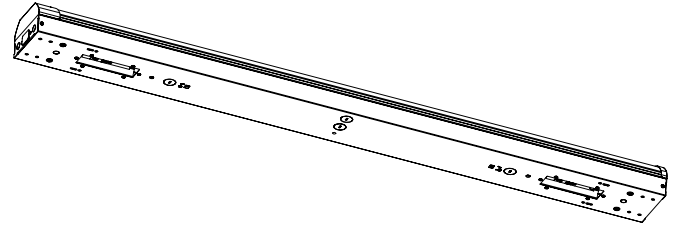
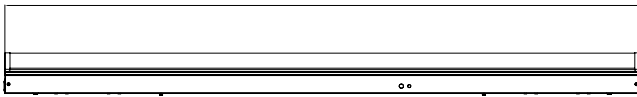
Model without sensor



Model with sensor

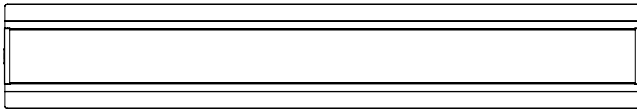


47.95"

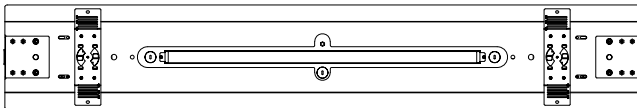
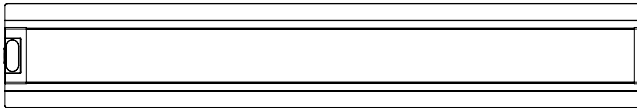


Fixture with Conversion Kit

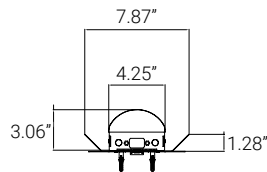
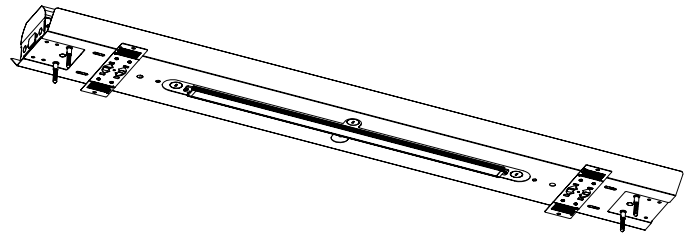
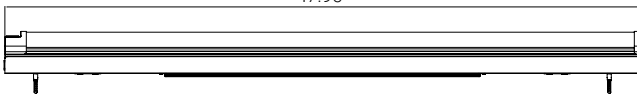
Model without sensor



Model with sensor



47.95"



TM66 TEST RESULTS

Circular Economy Assessment Method - Make

(CIBSE TM66 digital tool)



Result			
Category	Points Scored	Maximum possible points	Assessment
Product design	101.0	134.0	3.0
Manufacturing	26.6	46.5	2.3
Materials	4.0	24.0	0.7
Ecosystem	42.0	43.0	3.9
Overall performance	173.6	247.5	2.5

How to analyse the score	
0 to 0.5	Very poor circular economy performance
0.5 to 1.5	Some circular economy functionality
1.5 to 2.5	Definite/substantial progress to circularity
2.5 to 4.0	Excellent circularity

Excellent Circularity

FOOTNOTES

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.

Linmore

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