ACE LED
ULTRA VALUE LIGHTING
By Linmore LED

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

Ace LED Troffer (AT1)

RECESSED LED TROFFER

5 YEAR PRODUCT WARRANTY

Intertek

Ready

TRUSTED NLB WARRANTY

DLC LISTED

DLC LISTED PREMIUM

Projected L70 > 172,000 hours

Selectable Wattage

Each troffer has a switch with three output power options, allowing to select the desired lumen output and energy consumption for each application.

Selectable Color Temperature

Simply use the switch directly on the fixture to select the desired color temperature for your space: 3500K, 4000K, or 5000K.

Controls and IoT Ready

Optional integrated controls systems available including basic on/off, dimming and Bluetooth® advanced wireless controls.

KEY FEATURES

- 3,750 to 6,250 lumens
- Up to 140 LPW
- Selectable CCT: (3500K, 4000K, 5000K)
- Selectable output power: 30W to 50W
- 1x4, 2x2, and 2x4 sizes available
- Frosted lens
- Dimmable 0-10V (standard)

FEATURES & SPECIFICATIONS

ELECTRICAL

- **Power Input:** 120-277V (50/60Hz).
- **Power Factor:** Greater than 0.9.
- **Emergency Battery Backup:** Available as an accessory.

OPERATION

- **Environment:** For interior applications, dust-resistant, IP20.
- **Ambient Range Operation:** -40°C up to 35°C (-40°F up to 95°F).

OPTICS

- **CCT:** Adjustable: 3500K, 4000K, 5000K.
- **CRI:** 80+ standard.
- **Lens:** Frosted.

MOUNTING

- **Mounting:** Fixture is able to be mounted in a standard drop/grid ceiling and also has holes for attaching cables. Non IC rated.

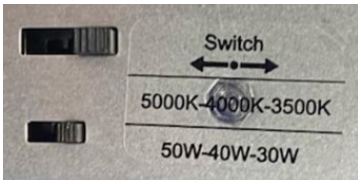
CONTROLS[1]

- **Dimming:** 0-10V standard. Dimming range 100% to 10%.
- **UltraLink Bluetooth® Controls:** Advanced wireless controls available. Requires commissioning in the field, contact factory.

WARRANTY

- **Standard:** 5-year product warranty.

2x4 model



Switches at the back of the fixture allow to select CCT and output power

PACKAGING[2]

- **Contractor Pack:** Sold in quantities of 2 units per box.

LISTINGS & CERTIFICATIONS[3]

- Conforms to ETL listed (UL 1598:2021 Ed.5).
- RoHS compliant.
- DesignLights™ Consortium Standard (2x2 size).
- DesignLights™ Consortium Premium (2x4 size).
- CSA C22.2#250.0:2021 Ed.5.

FOOTNOTES

1. Extended lead time. Contact factory.
2. Contractor pack quantity may change.
3. 2x2 is DLC Standard. 2x4 is DLC Premium. 1x4 is not DLC listed.

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TECHNICAL SPECS

SIZE	WATTS	LUMEN OUTPUT	EFFICACY	PART NUMBER
1x4	30 / 35 / 40	3,750 / 4,375 / 5,000	125	AT10S-A2-ADJ-14-ADJ-80-FR-LV-GRID-10V
2x2	30 / 35 / 40	3,750 / 4,375 / 5,000	125	AT10S-A2-ADJ-22-ADJ-80-FR-LV-GRID-10V
2x4	30 / 40 / 50	3,750 / 5,000 / 6,250	125	AT10S-A2-ADJ-24-ADJ-80-FR-LV-GRID-10V

Typical lumen output (±10%) at 5000K CCT and 277V (LV) under 25°C ambient temperature. 1x4 is not DLC listed. 2x2 is DLC Standard. 2x4 is DLC Premium.

Fixtures are shipped from factory with the lowest CCT and wattage setting. Factory settings can be changed in the field via switches.

ORDERING

SERIES MODEL - COMPLIANCE - LUMENS - SIZE	COLOR TEMP	CRI	LENS	VOLTAGE
AT10S-A2-ADJ-14[3] AT10S-A2-ADJ-22[3] AT10S-A2-ADJ-24[3]	**ADJ** Adjustable: 3500K, 4000K, 5000K	**80** 80+ CRI	**FR** Frosted lens	**LV** 120-277V

MOUNTING	LIGHTING CONTROLS	DIMMING
GRID Standard mounting for grid ceilings Safety Cable mounting optional, see Accessories	**ULTRALINK[1]** **ULTRA** UltraLink Bluetooth Wireless Receiver / Controller, Fixture Integrated, Factory Installed, 12V DC Input, Silvair Firmware, includes Aerial Antenna. **ULTRAPIR9** UltraLink Bluetooth Wireless Fixture Controller with Remote PIR Sensor, 9' Mounting Height. Fixture Integrated, Factory Installed, includes Power Supply.	**10V** 0-10V

ORDERING EXAMPLES

Standard: AT10S-A2-ADJ-22-ADJ-80-FR-LV-GRID-10V

With Options: AT10S-A2-ADJ-22-ADJ-80-FR-LV-GRID-**ULTRA**-10V

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ACCESSORIES

Must be ordered separately. Packaged separately.

FIXTURE ACCESSORIES

Part Number	Type	Description
SAFETYCABLE	Safety Kit	Kit includes (1) 10 ft. aircraft cable with single snap hook, L-bracket, screw and nut.
CABLEKIT	Cable Kit	Kit includes (2) 10 ft. aircraft "Y" cables and (2) snap hooks.
EMB-09W	Battery Backup	Emergency Backup Driver with Battery, 9 Watts output for >90 minutes. Simple Wiring, Metal Conduit. Field installed.
PDWK14	Drywall Kit 1x4	Drywall trim kit for 1x4.
PDWK22	Drywall Kit 2x2	Drywall trim kit for 2x2.
PDWK24	Drywall Kit 2x4	Drywall trim kit for 2x4.
PSMK14	Surface Mount Kit 1x4	Surface Mount Kit 1x4.
PSMK22	Surface Mount Kit 2x2	Surface Mount Kit 2x2.
PSMK24	Surface Mount Kit 2x4	Surface Mount Kit 2x4.

ULTRALINK WIRELESS CONTROLS

Part Number	Type	Description
ULTRAPIR12-CM	UltraLink PIR Sensor, Ceiling Mount (12')	UltraLink Bluetooth Wireless Ceiling Mount Controller with PIR Sensor, 8' to 12' Mounting Height, Field Installed, includes Power Supply. Additional electrical materials may be required for installation.
ULTRASW	UltraLink Bluetooth Switch	UltraLink Bluetooth Wireless Wall Switch, Self-Powered, Single Rocker, On/Off/Dim.
ULTRASW-DR	UltraLink Bluetooth Switch	UltraLink Bluetooth Wireless Wall Switch, Self-Powered, Double Rocker, On/Off/Dim/Scenes.
ULTRASW-AC	UltraLink Bluetooth Switch	UltraLink Bluetooth Wireless Wall Switch, AC-Powered 120-277V, Single Rocker, On/Off/Dim.
ULTRASW-PIR-AC	UltraLink Bluetooth Switch	UltraLink Bluetooth Wireless Wall Switch with PIR Sensor, AC-Powered 120-277V, Single Rocker, On/Off/Dim.
ULTRASW-4B-AC	UltraLink Bluetooth Switch	UltraLink Bluetooth Wireless Wall Switch with 4 Buttons, AC-Powered 120-277V, Single Gang, On/Off/Dim/Scenes.
ULTRARELAY-5A	UltraLink Wireless Relay (5 Amp Rated)	UltraLink Bluetooth Wireless Receiver / Controller, Bluetooth to 0-10V Converter with 5 Amp Relay, Field Installed, 120-277Vac Input, Silvair Firmware.
ULTRARELAY-20A	UltraLink Wireless Relay (20 Amp Rated)	UltraLink Bluetooth Wireless Receiver / Controller, Bluetooth to 0-10V Converter with 20 Amp Relay, Field Installed, 120-277Vac Input, Silvair Firmware.
ULTRAGATEWAY	UltraLink Bluetooth Gateway	Optional wireless gateway for use with UltraLink. Needed for energy monitoring, scheduling, astronomical clock and heat mapping.
ULTRATIME-BAT	UltraLink Battery Backup	UltraLink Bluetooth Time-Keeping Battery Backup includes an Outdoor Rated Enclosure, a High-Gain Antenna and a Backup Battery. For use to keep time during a power outage and for in-node scheduling.
ULTRADASH	UltraLink Energy Dashboard	UltraLink Dashboards for Energy, Occupancy Heat Mapping, and Energy Heat Mapping. Gateway (ULTRAGATEWAY) required, sold separately.

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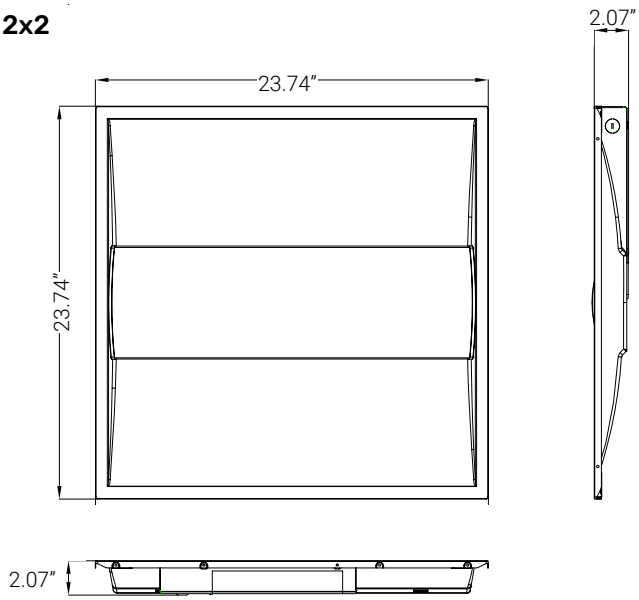
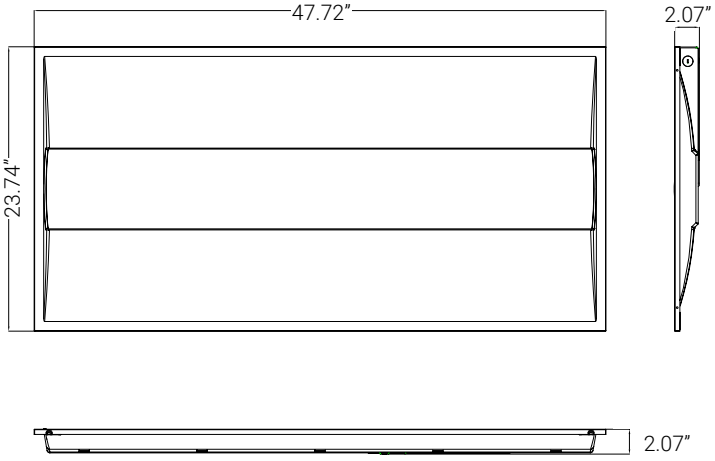
DIMENSIONS & DRAWINGS

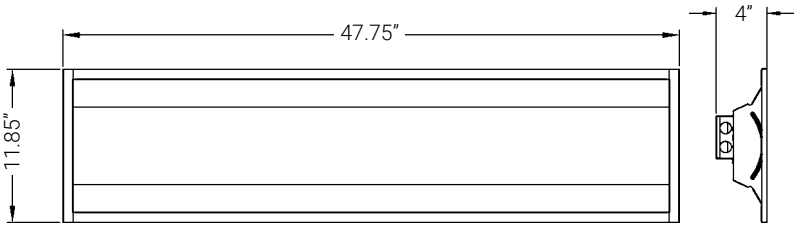
2x2



2x4



1x4



Size	Weight (lb)
1x4	~6.7
2x2	~5.7
2x4	~10.6

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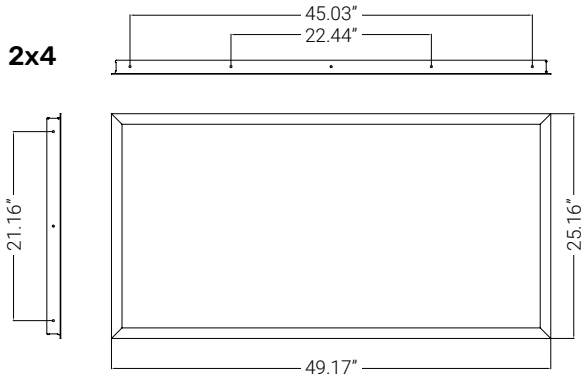
Drywall Kit

2x4



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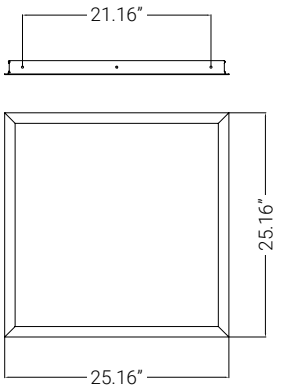

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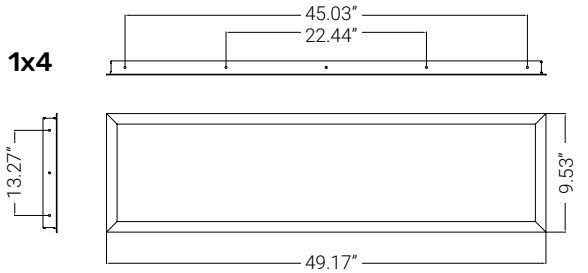
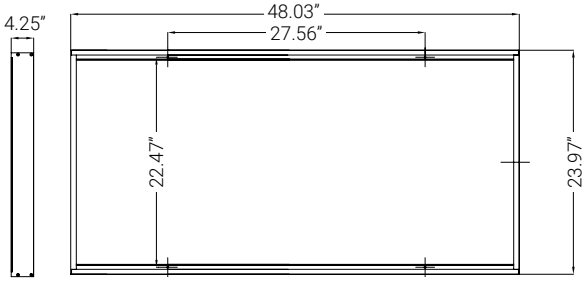
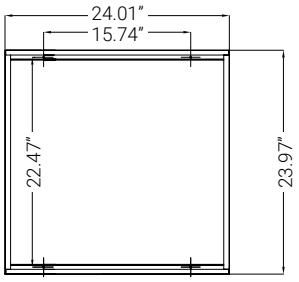


Surface Mount Kit

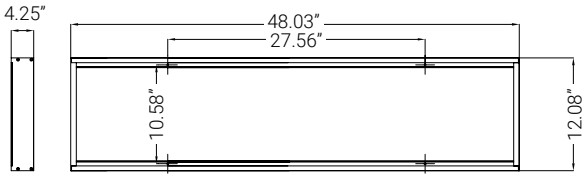
2x4



2x2



1x4



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LinmoreLED® ULTRA PERFORMANCE LIGHTING

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Updated: 2025.10.01