ACE LED
ULTRA VALUE LIGHTING
By Linmore LED

SPEC SHEET

Ace LED Door Kit (AD1)

LED RETROFIT KIT FOR RECESSED TROFFERS

5 YEAR PRODUCT **WARRANTY**

ETL Intertek

Bluetooth Ready

TRUSTED WARRANTY NLB NATIONAL LIGHTING BUREAU

DLC LISTED PREMIUM

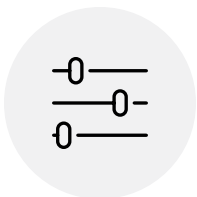DLC LISTED

Projected L70 > 172,000 hours

KEY FEATURES

- 3,750 to 6,250 lumens
- Up to 125 LPW
- Selectable CCT: (3500K, 4000K, 5000K)
- Selectable output power: 30W to 50W
- 2x2 and 2x4 retrofit sizes available
- Frosted lens
- Dimmable 0-10V (standard)

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.

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.

- **Ambient Range Operation:** -40°C up to 35°C (-40°F up to 95°F).

OPTICS

- **CCT:** Selectable: 3500K, 4000K, 5000K.

- **CRI:** 80+ standard.

- **Lens:** Frosted.

MOUNTING

- **Mounting:** Kit retrofits most standard 2x2 or 2x4 recessed troffers. Non IC rated.
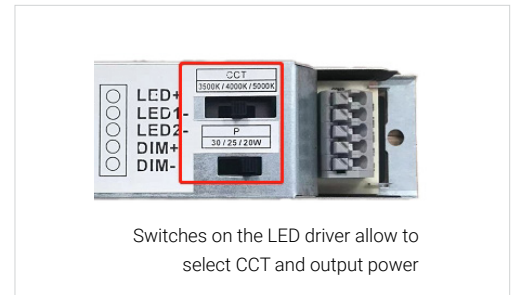
CONTROLS[1]

- **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.

2x2 model

Switches on the LED driver allow to select CCT and output power

PACKAGING[2]

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

LISTINGS & CERTIFICATIONS

- Conforms to ETL listed (UL 1598:2021 Ed.5).

- RoHS compliant.

- DesignLights™ Consortium Premium. (Pending)

- CSA C22.2#250.0:2021 Ed.5.

FOOTNOTES

1. Extended lead time. Contact factory.

2. Contractor pack quantity may change.

TECHNICAL SPECS

SIZE	WATTS	LUMEN OUTPUT	EFFICACY	PART NUMBER
2x2	30 / 35 / 40	3,750 / 4,375 / 5,000	125	AD10S-A2-ADJ-22-ADJ-80-FR-LV-GRID-10V
2x4	30 / 40 / 50	3,750 / 5,000 / 6,250	125	AD10S-A2-ADJ-24-ADJ-80-FR-LV-GRID-10V

Typical lumen output (±10%) at 5000K CCT and 277V (LV) under 25°C ambient temperature.

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
AD10S-A2-ADJ-22 AD10S-A2-ADJ-24	**ADJ** Adjustable: 3500K, 4000K, 5000K	**80** 80+ CRI	**FR** Frosted lens	**LV** 120-277V

MOUNTING	LIGHTING CONTROLS		DIMMING
GRID Retrofits troffers installed in grid ceilings	**ULTRALINK[1]**		**10V** 0-10V
	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.		

ORDERING EXAMPLES

Standard: AD10S-A2-ADJ-22-ADJ-80-FR-LV-GRID-10V

With Options: AD10S-A2-ADJ-22-ADJ-80-FR-LV-GRID-**ULTRA**-10V

ACCESSORIES
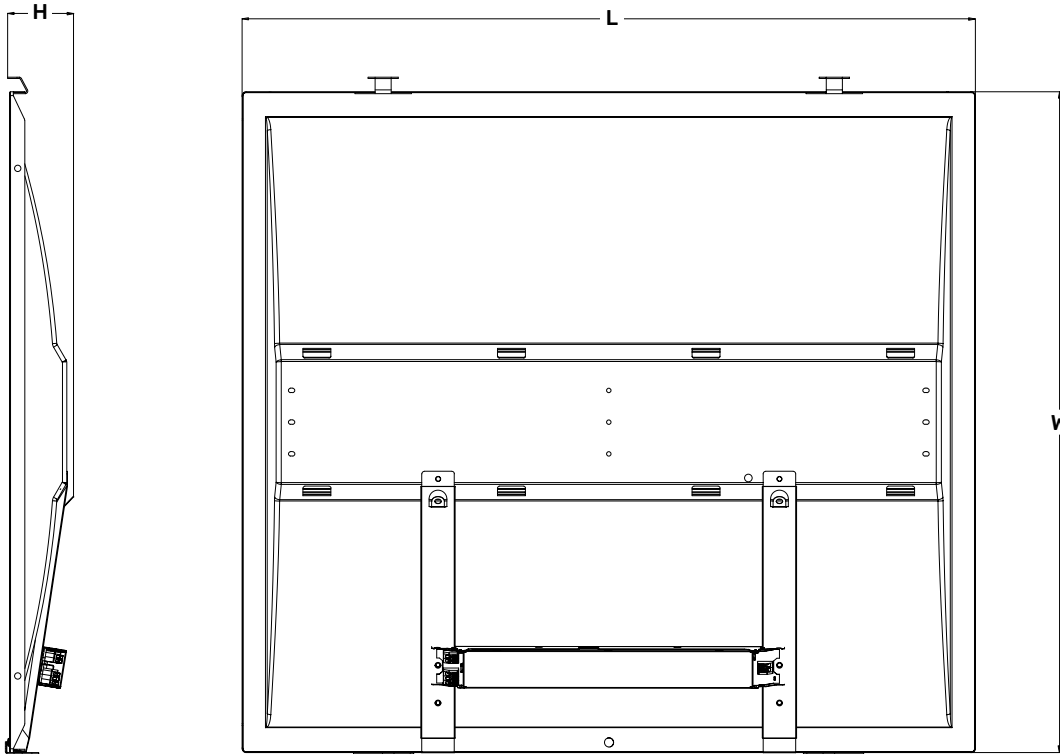
Must be ordered separately. Packaged separately.

FIXTURE ACCESSORIES

Part Number	Type	Description
EMB-09W	Battery Backup	Emergency Backup Driver with Battery, 9 Watts output for >90 minutes. Simple Wiring, Metal Conduit. Field installed.

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.

DIMENSIONS & DRAWINGS

DIMENSIONS	2x2	2x4
L	22.75"	46.76"
W	21.11"	21.11"
H	2.05"	2.05"
Weight	~4 lbs	~8 lbs

LinmoreLED®
ULTRA PERFORMANCE LIGHTING