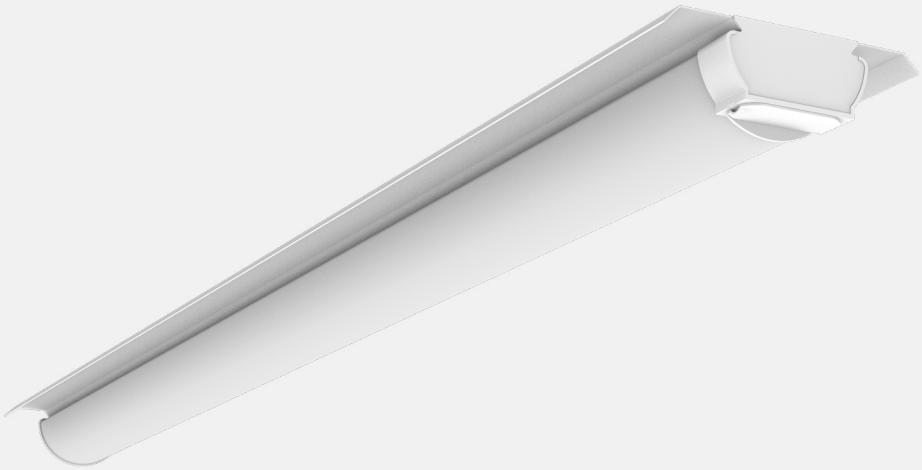
PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

Ace LED Strip Conversion Kit (ASCK2)

Modernize without replacing. Simplified retrofit kit built for lasting value.

5 YEAR PRODUCT WARRANTY



Trusted NLB Warranty · Bluetooth Ready · ETL Listed Intertek · DLC Listed Premium · DAMP · 0-10V

Projected L70 up to 150,000 hours

Selectable Wattage

Each fixture has a switch with five 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.

EZ-Connect™ Receptacle

The simplest and fastest way to add sensors and UltraLink wireless controls at any time in the field. Snap-in system, no tools or wiring needed.

KEY FEATURES

- 4ft and 8ft Lengths
- 2,400 to 12,000 Lumens
- Up to 150 LPW
- Selectable Output Power
- Selectable CCT: (3500K, 4000K, 5000K)
- Frosted PC Lens
- Low Glare

FEATURES & SPECIFICATIONS

CONSTRUCTION

- **Housing:** Steel.
- **Housing Color:** White.
- **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%.
- **Emergency Battery Backup:** EMB has 8 watts output, producing ~1,100 lumens for 90 minutes. Sold 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: 3500K, 4000K, 5000K.
- **CRI:** 80+ standard.
- **Lens:** PC diffuser. Frosted. 110° beam angle.

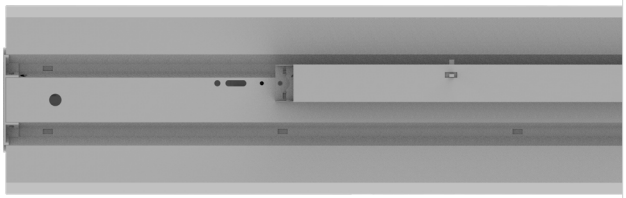
MOUNTING

- **Conversion 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.

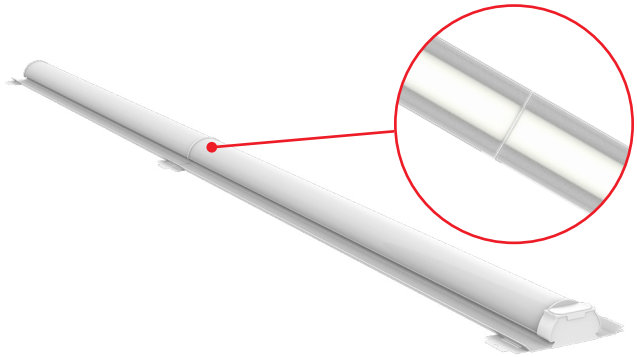
CONTROLS[1]

- **Dimming:** 0-10V standard. Dim to Off. Dimming range 100% to 5%.
- **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.

Side View



Back View



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.

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.
- DesignLights™ Consortium Premium.

TECHNICAL SPECS

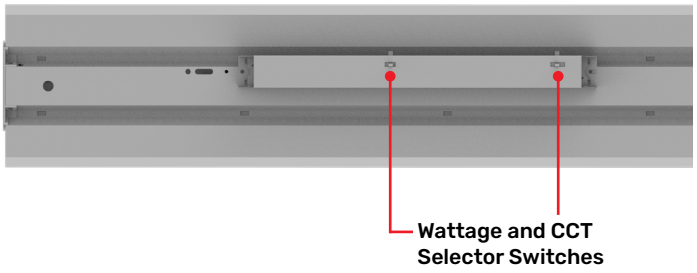
SIZE	ADJ WATTS	LUMEN OUTPUT	EFFICACY	PART NUMBER
4ft	16	2,400	150	ASCK2-A2-ADJ-04-ADJ-80-FR-LV-RTR-EZ40-10V
	22	3,300	150	
	26	3,900	150	
	36	5,400	150	
	40	6,000	150	
8ft	40	6,000	150	ASCK2-A2-ADJ-08-ADJ-80-FR-LV-RTR-EZ40-10V
	48	7,200	150	
	54	8,100	150	
	66	9,900	150	
	80	12,000	150	

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

Selectable Wattage and Color Temperature

Fixtures ship from the factory with the highest wattage and 5000K CCT, to change these settings:

1. Make sure the fixture is off.
2. Adjust the dip switches located on the driver to select output power and color temperature.



ORDERING

SERIES MODEL - COMPLIANCE - WATTS - SIZE	COLOR TEMP	CRI	LENS	VOLTAGE
ASCK2-A2-ADJ-04 **ASCK2-A2-ADJ-08**	**ADJ** Adjustable/Selectable: 3500K, 4000K, 5000K	**80** 80+ CRI	**FR** Frosted lens	**LV** 120-277V

MOUNTING	CONTROLS[1]	DIMMING
RTR Retrofit Kit	**EZ40** EZ-Connect™ Receptacle with Snap-in system (standard) Sensors not included, see Controls pages for available products	**10V** 0-10V

Ordering Example: ASCK2-A2-ADJ-04-ADJ-80-FR-LV-RTR-EZ40-10V

Packaging: 4ft model: 108 pcs per pallet - 8ft model: 84 pcs per pallet

Must be ordered separately. Packaged separately.

FIXTURE ACCESSORIES

Part Number	Type	Description
ASCK2-EMB-08W	Emergency Battery Driver	Emergency Backup Driver with Battery, 8W, ~1,100 lumens for 90 minutes. Field installed. Ships in a separate box.

BASIC CONTROLS

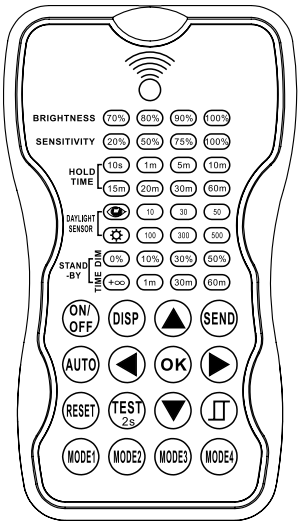
BASIC SENSORS[1]

	Part Number	Description
	**PIR-WH-EZ40**	PIR Occupancy and Daylight Sensor, EZ-Connect Snap-in System, Plug & Play, On/Off/Dim, 13' Max Mounting Height, IP20. Field installed. Sensor can be re-programmed with remote SEN-PROG (sold separately).
	**PIR20-WH-EZ40**	PIR Occupancy and Daylight Sensor, EZ-Connect Snap-in System, Plug & Play, On/Off/Dim, 20' 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.

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

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

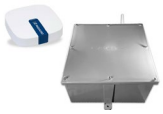
ULTRALINK BLUETOOTH CONTROLS

ULTRALINK CONTROLLERS / SENSORS

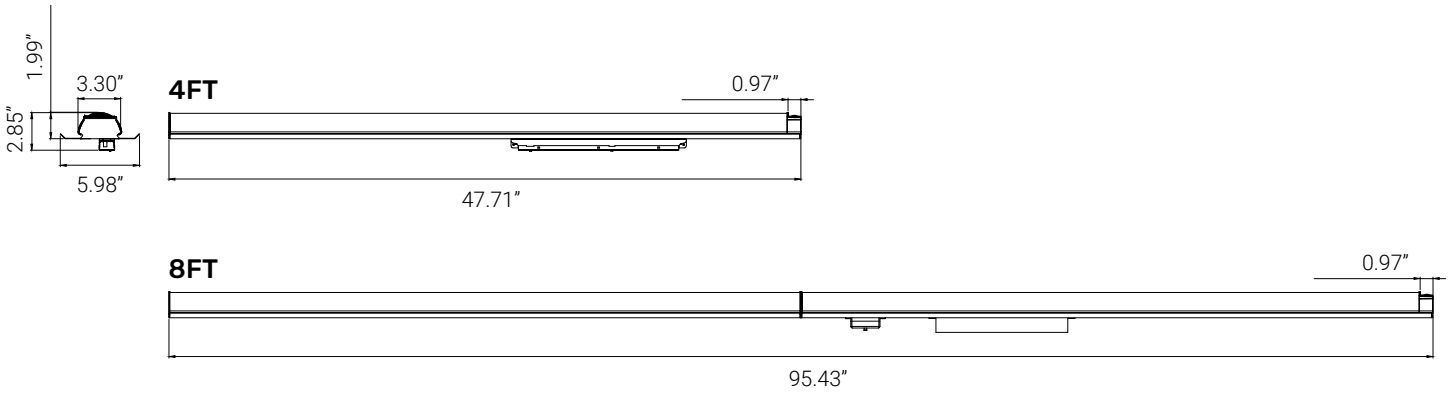
	Part Number	Description
	**ULTRA-WH-EZ40**	UltraLink Bluetooth NLC Wireless Fixture Controller, White Color, EZ-Connect Snap-in System, IP20, Silvair Firmware. Field installed.
	**ULTRAPIR20-WH-EZ40**	UltraLink Bluetooth NLC Wireless Fixture Controller with PIR Occupancy and Daylight Sensor, White Color, EZ-Connect Snap-in System, 20' Max Mounting Height, IP20, Silvair Firmware. Field installed.

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

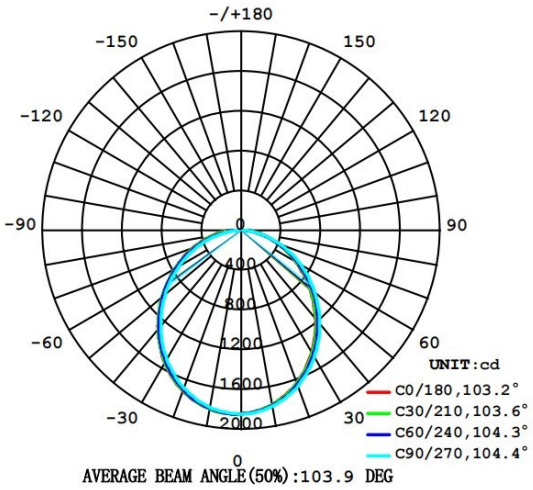
ULTRALINK ACCESSORIES

	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-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



PHOTOMETRY



FOOTNOTES

1. The performance of sensors and lenses is influenced by various factors beyond Linmore'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
2360 S Orange Ave, Fresno, CA 93725
559 485 6010 | info@linmoreled.com | linmoreled.com

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