

PRODUCT CATALOG

COMMERCIAL | INDUSTRIAL | OFFICE



Ace LED is a brand of Linmore LED Labs, Inc.

Ace LED fixtures provide good performance and high efficiency at an affordable price. They are perfect for contractors and installers as they are easy to install, and most models have switches to select different power outputs and color temperatures to cover the needs of the most common lighting jobs.

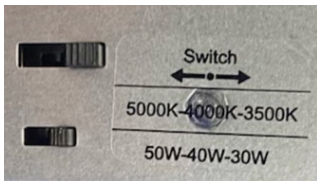
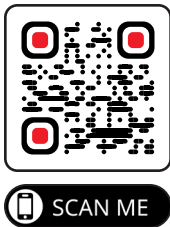


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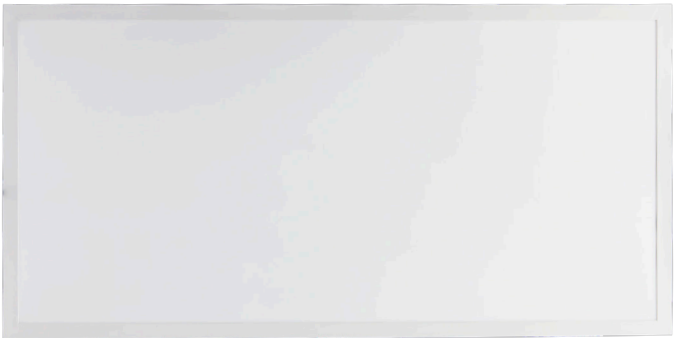
AP1

Ace LED Panel

The AP1 is a cost-effective solution for indoor spaces. It can be mounted in a standard drop/grid ceiling and also has holes for attaching cables.



Wattage and CCT
Selector Switches



2x4 model

Dust-Resistant Design
Zero distance between the back cover and the frame.

Accessories

- Drywall Kit
- Surface Mount Kit
- Emergency Battery Backup
- UltraLink Bluetooth Controls

KEY FEATURES

- Aluminum Back Housing
- Dust-Resistant
- Frosted Lens
- L70 Rated Life > 150,000 hrs
- Up to 35°C (95°F) Ambient
- 120-277V



SELECTABLE WATTAGE
1x4, 2x2: 30W / 35W / 40W
2x4: 30W / 40W / 50W



SELECTABLE CCT
3500K / 4000K / 5000K

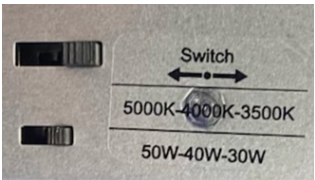
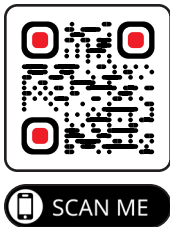


SIZE	SELECTABLE WATTS	LUMENS	EFFICACY	PART NUMBER
1x4	30	3,750	125	AP10S-A2-ADJ-14-ADJ-80-FR-LV-GRID-10V
	35	4,375	125	
	40	5,000	125	
2x2	30	3,750	125	AP10S-A2-ADJ-22-ADJ-80-FR-LV-GRID-10V
	35	4,375	125	
	40	5,000	125	
2x4	30	3,750	125	AP10S-A2-ADJ-24-ADJ-80-FR-LV-GRID-10V
	40	5,000	125	
	50	6,250	125	

AT1

Ace LED Troffer

The AT1 features a metal housing for optimal heat dissipation and structural rigidity. Its high quality lens provides a low-glare comfortable light output.



Wattage and CCT
Selector Switches

- Accessories**
- Drywall Kit
 - Surface Mount Kit
 - Emergency Battery Backup
 - UltraLink Bluetooth Controls



KEY FEATURES

- Metal Back Housing
- Dust-Resistant
- Frosted Lens
- L70 Rated Life > 150,000 hrs
- Up to 35°C (95°F) Ambient
- 120-277V



SELECTABLE WATTAGE
1x4, 2x2: 30W / 35W / 40W
2x4: 30W / 40W / 50W



SELECTABLE CCT
3500K / 4000K / 5000K



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

AD1

Ace LED Door Kit

The AD1 is a cost-effective solution to retrofit most standard 2x2 and 2x4 recessed troffers in drop/grid ceilings. Installation typically takes 5 minutes.

KEY FEATURES

- Fully Assembled Kit
- Metal Back Housing
- Dust-Resistant
- Frosted Lens
- L70 Rated Life > 150,000 hrs
- Up to 35°C (95°F) Ambient
- 120-277V

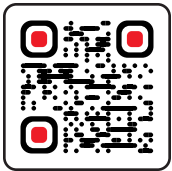
Accessories

- Drywall Kit
- Surface Mount Kit
- Emergency Battery Backup
- UltraLink Bluetooth Controls



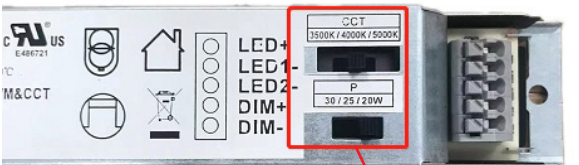
Retrofit Brackets

Allows a quick installation and a perfect fit to existing troffer housings.



SCAN ME

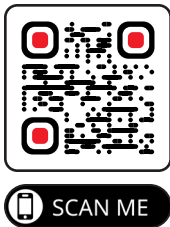
Wattage and CCT Selector Switches



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

AH1

Ace LED High Bay



The new Ace LED High Bay (AH1) is a cost-effective solution for high bay lighting. It features a flicker-free, low-glare light output, making it comfortable and suitable for all indoor applications.



EZ-Connect™ Receptacle

Screw-in System, Field-Installed



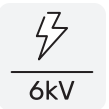
KEY FEATURES

- Aluminum Die-Cast Housing
- Cast Aluminum Heat Sink
- Frosted Lens
- L70 Rated Life > 150,000 hrs
- Up to 50°C (122°F) Ambient
- 120-277V or 277-480V

Options & Accessories

- 3000K, 4000K, 5000K
- Emergency Battery Backup
- Motion and Daylight Sensors
- UltraLink Bluetooth Controls
- Wire Guards (upgrades to IK07)
- WINSTA Connector

SIZE	WATTS	LUMENS	EFFICACY	PART NUMBER
SM	85	12,150	143	AH10S-A2-12K-SM-50-80-FR-LV-CRM-10CW-S-10V
SM	110	15,600	142	AH10S-A2-15K-SM-50-80-FR-LV-CRM-10CW-S-10V
SM	130	18,460	142	AH10S-A2-18K-SM-50-80-FR-LV-CRM-10CW-S-10V
MD	165	24,255	147	AH10S-A2-24K-MD-50-80-FR-LV-CRM-10CW-S-10V
MD	220	30,800	140	AH10S-A2-30K-MD-50-80-FR-LV-CRM-10CW-S-10V
LG	240	36,000	150	AH10S-A2-36K-LG-50-80-FR-LV-CRM-10CW-S-10V
LG	295	40,710	138	AH10S-A2-40K-LG-50-80-FR-LV-CRM-10CW-S-10V
LG	320	48,000	150	AH10S-A2-48K-LG-50-80-FR-LV-CRM-10CW-S-10V
XL	500	71,000	142	AH10S-A2-71K-XL-50-80-FR-LV-CRM-10CW-S-10V



AA1

Ace LED Area Light

Compact Low-Profile Design



Versatile Mounting Options

Slip Fitter, Straight Arm, and Trunnion (Yoke) brackets available (sold separately).

Easy Swap Lenses

Open two latches to change the optic lens in seconds without tools while keeping the IP65 rating.

Die-Cast Aluminum Housing and Heat Sink

Best-in-class thermal dissipation for higher performance and life.



EZ-Connect™ Receptacle

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



Latches for Easy Access

Tool-less access to LED driver for simple replacement if needed.

Pressure Relief Valve

Equalizes pressure between outside and inside of the fixture to manage moisture and condensation.

High Performance Optics

T2, T3, T4, and T5 distributions, perfect for the most common applications, delivering superior visual uniformity and efficacy.

Glare Shields

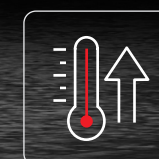
For even greater lighting control, optional glare shields can be used to limit spill light.



SELECTABLE WATTAGE
MD: 75W / 100W / 120W / 150W
LG: 175W / 200W / 240W / 300W



SELECTABLE CCT
3000K / 4000K / 5000K



HIGH TEMPERATURE RATED
Up to 50°C (122°F) ambient



SCAN ME

ACE LED AREA LIGHT (AA1)



KEY FEATURES

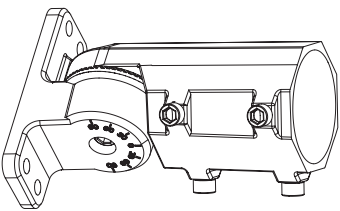
- Silicone Sealed Gasket
- Wet Location Rated
- L70 Rated Life > 150,000 hrs
- 120-277V or 277-480V

Accessories

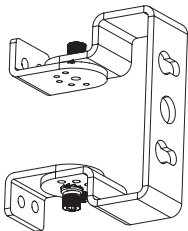
- Replacement Lenses
- Glare Shields
- Motion and Daylight Sensors
- UltraLink Bluetooth Controls



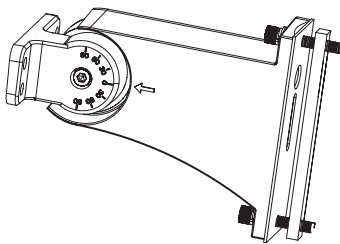
Mounting Brackets



Slip Fitter



Trunnion (Yoke)



Straight Arm

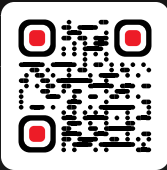


SIZE	SELECTABLE WATTS	SELECTABLE CCT	LUMENS	EFFICACY	PART NUMBER
MD	75	3000K	10,500	140	AA10S-A2-ADJ-MD- ADJ-80-T2-LV-BRN-BB- Z10R-CW-SRG-10V
		4000K	11,250	150	
		5000K	10,875	145	
	100	3000K	14,000	140	
		4000K	15,000	150	
		5000K	14,500	145	
	120	3000K	16,800	140	
		4000K	18,000	150	
		5000K	17,400	145	
	150	3000K	21,000	140	
		4000K	22,500	150	
		5000K	21,750	145	
LG	175	3000K	24,500	140	AA10S-A2-ADJ-LG- ADJ-80-T2-LV-BRN-BB- Z10R-CW-SRG-10V
		4000K	26,250	150	
		5000K	25,375	145	
	200	3000K	28,000	140	
		4000K	30,000	150	
		5000K	29,000	145	
	240	3000K	33,600	140	
		4000K	36,000	150	
		5000K	34,800	145	
	300	3000K	42,000	140	
		4000K	45,000	150	
		5000K	43,500	145	

AW2

Ace LED Wall Pack MD

Easy fixture opening design for a quick installation and maintenance.



SCAN ME



KEY FEATURES

- Aluminum Die-Cast Housing
- Stainless Steel Hardware
- Prismatic Glass Lens
- Wet Location Rated
- Integrated Photocell
- Cutoff Shield Available
- Emergency Battery Backup Available
- L70 Rated Life > 150,000 hrs
- 120-277V or 277-480V



SELECTABLE WATTAGE
40W / 60W / 80W / 100W



SELECTABLE CCT
3000K / 4000K / 5000K



HIGH TEMPERATURE RATED
Up to 50°C (122°F) ambient



EZ-Connect™ Receptacle

Requires Elbow Mount Accessory,
Twist Lock System, Field Installed



Linmore LED
ULTRALINK
WIRELESS CONTROLS SIMPLIFIED



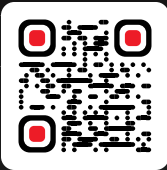
SIZE	SELECTABLE WATTS	SELECTABLE CCT	LUMENS	EFFICACY	PART NUMBER
MD	40	3000K	5,600	140	AW20S-A2-ADJ-MD- ADJ-80-PL-LV-FXT- PC-10V
		4000K	6,000	150	
		5000K	5,600	140	
	60	3000K	8,400	140	
		4000K	9,000	150	
		5000K	8,400	140	
	80	3000K	11,200	140	
		4000K	12,000	150	
		5000K	11,200	140	
	100	3000K	14,000	140	
		4000K	15,000	150	
		5000K	14,000	140	



AW2

Ace LED Wall Pack SM

Easy fixture opening design for a quick installation and maintenance.



SCAN ME



KEY FEATURES

- Polycarbonate Housing
- Prismatic Polycarbonate Lens
- Silicone Sealed Gasket
- Wet Location Rated
- Integrated Photocell
- L70 Rated Life > 150,000 hrs
- 120-277V



SELECTABLE WATTAGE
15W / 20W / 30W



SELECTABLE CCT
3000K / 4000K / 5000K



HIGH TEMPERATURE RATED
Up to 50°C (122°F) ambient



SIZE	SELECTABLE WATTS	SELECTABLE CCT	LUMENS	EFFICACY	PART NUMBER
SM	15	3000K	1,800	120	AW20S-A2-ADJ-SM- ADJ-80-PL-LV-FXT- PC-10V
		4000K	1,950	130	
		5000K	1,875	125	
	20	3000K	2,400	120	
		4000K	2,600	130	
		5000K	2,500	125	
	30	3000K	3,600	120	
		4000K	3,900	130	
		5000K	3,750	125	

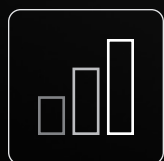


AG1

Ace LED Garage

The new Ace LED Garage (AG1) is a cost-effective solution to maximize energy savings in all parking garage and low bay applications.

Made to last, its rugged aluminum die-cast construction ensure great heat dissipation and structural rigidity. Its ring-shaped lens provides a wide light distribution and some uplight for improved visual comfort.



SELECTABLE WATTAGE

MD: 35W / 45W / 55W
LG: 60W / 80W / 100W



SELECTABLE CCT

3000K / 4000K / 5000K



IP65 RATED

Suitable for Wet Locations

Easy Open Design

Quick access to the driver and wattage / CCT switches by just loosening four locking screws.

Knock Outs

Four 1/2" NPT knock outs around the fixture and one 3/4" NPT on top.

Silicone Sealed Gasket

Gasketed housing make this fixture virtually impenetrable to contaminants.

Wide Beam Ring Lens

The clear ribbed ring-shaped lens eliminates shadows and hotspots, providing superior area coverage and low glare even in low ceiling heights.

EZ-Connect™ Receptacle

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



Rugged Die-Cast Aluminum Housing and Heat Sink

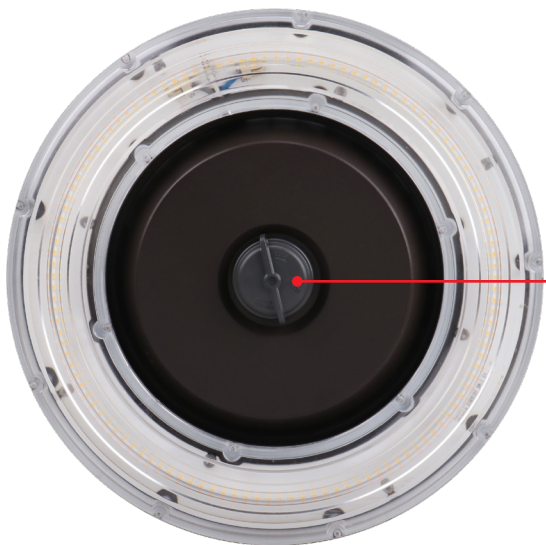
Enhanced durability and best-in-class thermal dissipation for higher performance and life.



SCAN ME

5 YEAR
PRODUCT
WARRANTY

ACE LED GARAGE (AG1)



EZ-Connect™ Receptacle

Twist Lock System, Field Installed

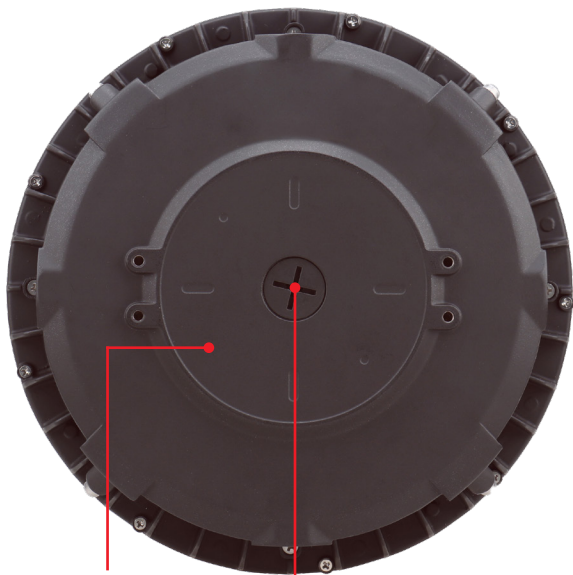


Linmore LED
ULTRALINK
WIRELESS CONTROLS SIMPLIFIED



Compact Low-Profile Design

Seamless integration in all ceiling height applications.



Surface Mounting

Drill holes on mounting plate.

Pendant Mounting

Stem 3/4" conduit installation.

KEY FEATURES

- Aluminum Die-Cast Housing
- Cast Aluminum Heat Sink
- Silicone Sealed Gasket
- Wet Location Rated
- L70 Rated Life > 150,000 hrs
- Up to 45°C (113°F) Ambient
- 120-277V

SIZE	SELECTABLE WATTS	SELECTABLE CCT	LUMENS	EFFICACY	PART NUMBER
MD	35	3000K	4,200	120	AG10S-A2-ADJ-MD-ADJ-80-CL-LV-FXT-Z10R-10V
		4000K	4,725	135	
		5000K	4,375	125	
	45	3000K	5,400	120	
		4000K	6,075	135	
		5000K	5,625	125	
	55	3000K	6,600	120	
		4000K	7,400	135	
		5000K	6,900	125	

LG	60	3000K	7,800	130	AG10S-A2-ADJ-LG-ADJ-80-CL-LV-FXT-Z10R-10V
		4000K	8,700	145	
		5000K	8,100	135	
	80	3000K	10,400	130	
		4000K	11,600	145	
		5000K	10,800	135	
	100	3000K	13,000	130	
		4000K	14,500	145	
		5000K	13,500	135	



AC2

Ace LED Canopy

The new Ace LED Canopy (AC2) is made to last with its rugged aluminum die-cast housing and shutter resistant lens. A silicon sealed gasket ensures dust, water, and contaminants do not enter the fixture.



KEY FEATURES

- Aluminum Die-Cast Housing
- Silicone Sealed Gasket
- Shatter-Resistant Ribbed Lens
- Integrated Photocell
- L70 Rated Life > 150,000 hrs
- Up to 45°C (113°F) Ambient
- 120-277V



SELECTABLE WATTAGE
20W / 30W / 40W



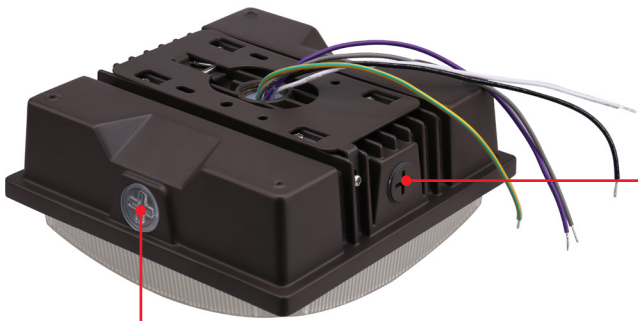
SELECTABLE CCT
3000K / 4000K / 5000K



IP65 RATED
Suitable for Wet Locations



SCAN ME



CCT Selector and
Photocell Switches



Wattage Selector Switch

EZ-Connect™ Receptacle

Requires Elbow Mount Accessory,
Twist Lock System, Field Installed



Mounting Options

- Surface mounting
- Pendant mounting (3/4" stem)

SIZE	SELECTABLE WATTS	SELECTABLE CCT	LUMENS	EFFICACY	PART NUMBER
MD	20	3000K	2,500	125	AC20S-A2-ADJ-MD-ADJ-80-CL-LV-FXT-S-10V
		4000K	2,700	135	
		5000K	2,600	130	
	30	3000K	3,750	125	
		4000K	4,050	135	
		5000K	3,900	130	
	40	3000K	5,000	125	
		4000K	5,400	135	
		5000K	5,200	130	



UltraLink Bluetooth® Networked Lighting Controls

The lighting industry is going wireless, and the number of ready-to-use products is growing rapidly. To unleash the full potential of smart lighting networks, Linmore LED provides a set of tools with wire-like performance and an ecosystem of products that can work with each other out-of-the-box.

All our solutions are qualified by the Bluetooth SIG, which means your components will work with qualified



Bluetooth NLC devices from other vendors.

What is Bluetooth® NLC?
Bluetooth Networked Lighting Controls is a new standard that expands the capabilities of Bluetooth Mesh by adding a device layer to define roles and responsibilities through device profiles.

What are Device Profiles?
Device Profiles define which options

and features of the Bluetooth Mesh specifications are mandatory for a certain kind of end product.

Benefits of NLC Profiles
The first suite of mesh device profiles, collectively referred to as NLC profiles, enables multi-vendor interoperable wireless lighting control systems and unlocks the potential for mass adoption of wireless lighting controls.



SWITCHES



BLUETOOTH CONTROLLER

Switches
Wired and Wireless switches are available to offer manual control for custom zones. No longer do you need to re-wire buildings to manually control lighting in a manner functional to your business.

Bluetooth Controller
Fixtures that don't have a sensor onboard are equipped with a Bluetooth controller. Sensors and switches communicate to controllers and tell lights at what level to operate or dim to off. Generally, about 85% of fixtures will have a controller and 15% will have sensors.



SENSORS

Sensors
Occupancy / motion and daylight sensors control the assigned fixtures. Sensors can be onboard fixtures or remotely mounted. Multiple strategies of lighting behavior can be set by users for best performance, energy savings, and safety.



iOS App
The UltraLink iOS app is the tool to operate, control, set up, and make changes to how the system functions. Adjustments are easy and can be made from the app as a facility's needs change over time. Always adaptable.

Technology Partner
SILVAIR

















- SWITCHES
- SENSORS
- BLUETOOTH CONTROLLER







UltraLink Product Offering

A complete Bluetooth NLC Mesh network system can include wireless fixture controllers (nodes), motion and daylight sensors, wall switches, gateways, and other accessories.

ULTRALINK CONTROLLERS & SENSORS		
	Part Number	Description
	ULTRA	UltraLink Bluetooth NLC Wireless Fixture Controller (Node), 12Vdc Input, Silvair Firmware, Fixture Integrated, Factory Installed.
	ULTRA-Z10	UltraLink Bluetooth NLC Wireless Fixture Controller (Node), for EZ-Connect™ Receptacles with Twist Lock System, IP65, Silvair Firmware. Field installed.
	ULTRAHGA-Z10	UltraLink Bluetooth NLC Wireless Fixture Controller (Node) with Long Range Antenna, for EZ-Connect™ Receptacles with Twist Lock System, IP65, Silvair Firmware. Field installed.
	ULTRAPIR-Z10	UltraLink Bluetooth NLC Wireless Fixture Controller with PIR Occupancy and Daylight Sensor, for EZ-Connect™ Receptacles with Twist Lock System, 40' Max Mounting Height, IP65, Silvair Firmware. Field installed. Detection sensitivity can be changed with remote SEN-PROG (sold separately).
	ULTRAMW-Z10	UltraLink Bluetooth NLC Wireless Fixture Controller with Microwave Occupancy and Daylight Sensor, for EZ-Connect™ Receptacles with Twist Lock System, 40' Max Mounting Height, IP65, Silvair Firmware. Field installed. Detection sensitivity can be changed with remote SEN-PROG (sold separately).
	ULTRAPIR40-AH1	UltraLink Bluetooth NLC Wireless Fixture Controller with PIR Sensor, for EZ-Connect™ Receptacles with Screw-in System, 20' to 40' Mounting Height, Silvair Firmware. Field Installed. For AH1 fixtures only.
	ULTRAPIR9	UltraLink Bluetooth NLC Wireless Fixture Controller with Remote PIR Sensor, 9' Mounting Height, Silvair Firmware. Fixture Integrated, Factory Installed, includes Power Supply.
	ULTRAPIR12-CM	UltraLink Bluetooth NLC Wireless Ceiling Mount Controller with PIR Sensor, 8' to 12' Mounting Height, Silvair Firmware, Field Installed, includes Power Supply. Additional electrical materials may be required for installation.
	ELBOW-Z10R	Elbow Mount. Adds an EZ-Connect™ Receptacle with Twist Lock System to fixtures with a 1/2" NPT knock out. Field installed. Controllers and sensors sold separately.

ULTRALINK WALL SWITCHES		
	Part Number	Description
	ULTRASW	UltraLink Bluetooth NLC Wireless Wall Switch, Self-Powered, Single Rocker, On/Off/Dim.
	ULTRASW-DR	UltraLink Bluetooth NLC Wireless Wall Switch, Self-Powered, Double Rocker, On/Off/Dim/Scenes.
	ULTRASW-AC	UltraLink Bluetooth NLC Wireless Wall Switch, AC-Powered 120-277V, Single Rocker, On/Off/Dim.
	ULTRASW-PIR-AC	UltraLink Bluetooth NLC Wireless Wall Switch with PIR Sensor, AC-Powered 120-277V, Single Rocker, On/Off/Dim.
	ULTRASW-4B-AC	UltraLink Bluetooth NLC Wireless Wall Switch with 4 Buttons, AC-Powered 120-277V, Single Gang, On/Off/Dim/Scenes.

ULTRALINK ACCESSORIES		
	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.
	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.



ACE LED

ULTRA VALUE LIGHTING

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