



## ENLIGHTENED WIRELESS CONTROL SYSTEM



***THE MOST COMPREHENSIVE LINE  
OF LIGHTING FIXTURES WITH CONTROLS IN NORTH AMERICA***





With the integration of Enlighted controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing the digital sensors developed by Enlighted, the industry's most advanced, Elite Lighting fixtures enable your customer's facility to run smarter, with the use of an easily controlled system through the IoT platform.

Integrating this control system allows buildings to not only become more efficient and comfortable, but also provides the ability to expand the control system, allowing your customers to manage Elite lighting fixtures in multiple spaces through a single source. It changes the way we interact with the spaces around us, enabling your customer to discover what's happening in any space at any given time, with unparalleled control over the spaces they manage.

The Enlighted system is the simplest and most advanced way to manage a building's physical environment. With its patented technology, it automates, analyzes, controls, and reports data by empowering your customer to lower energy costs and maximize space, while increasing the productivity and well being of its occupants. The control system can be easily integrated with both indoor and outdoor applications, such as office, retail, healthcare, and industrial spaces.

Additionally, the Enlighted state-of-the-art security technology is built into each component, with tamper proof sensors, strong encryption for use in all networks, independent and internal security testing, and the ability to operate independent of corporate networks. It can also be easily integrated into existing IT security infrastructures.

A perfect application for this technology is in an open-office environment, enabling your customer to control and monitor lighting for an entire floor or for a single workstation. In order to obtain the maximum benefits from this advanced technology, choosing the best lighting fixture products is key, and Elite Lighting has an endless selection. Whatever your customer's needs require, Elite Lighting can provide the best solution.

If the desired look is for a suspended direct/indirect lighting fixture in the open-office setting, then the Elite LED 'ASI' direct/indirect series is the perfect choice. It provides a multitude of configurations; a glare-free, shadow-free source of illumination, and a computer designed optical system. It also maximizes the output of the LED, delivering consistent color from fixture to fixture.

If the preferred choice is for a recessed lighting fixture, then the Elite LED 'OD' recessed direct/indirect troffer series is another great choice. It's ideal for an open-office, conference room, or private office application. The construction of this lighting fixture provides the perfect solution for optimal light efficiency, and maximum glare control, with an array of lamp shield options.

The combination of Enlighted technology and Elite Lighting fixtures is designed to change everything by empowering your customers with a personalized system that enables them to save up to 88% on lighting costs, simply by eliminating wasted energy.

This technology goes beyond data, with virtually limitless applications, turning a fully responsive, fully personalized, and fully connected workspace into a reality.

## Energy Efficiency Redefined

Enlighted delivers the most intelligent Lighting Control System in the world today. Built on an Internet of Things (IoT) architecture, the system consists of a network of LED lights and our patented sensors connected together to form our sensor and analytics platform. Data is collected 65 times/second to detect environmental and occupancy changes and take action on lighting needs in real-time.

## Discover How Much You Can Save

- Improves overall light quality with LED and sensor light fixtures
- Increases energy savings up to 88%
- Lowers lighting maintenance costs up to 25%
- Collects large volume of data for lighting and other applications
- Task tuning, occupancy data and daylight harvesting increase savings
- Initial installation and services paid for out of energy cost savings
- Unlimited scalability for the enterprise



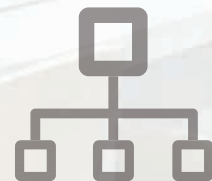
### Amazing Sensors

Enlighted sensors are the most sophisticated software-defined sensors in the industry, capturing and combining multiple streams of data.



### Actionable Insights

Real-time data is turned into actionable insights for smarter decisions in managing lighting.

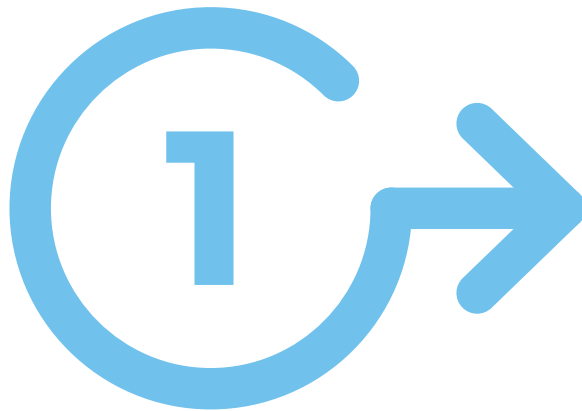


### Intelligent Connections

Our wireless network manages 1000s of sensors and enables connectivity between sensors and smart devices.

# HOW DOES IT WORK?

Elite Lighting is glad to introduce Enlighted Control System. Now you can develop any type of project that involves a control system using the Elite Lighting architectural line of products in addition to the Enlighted control system to archive today's standards. After you decide what luminaire you will be using in your project you can select the control system that better fits you. Elite Lighting will ship those fixtures with the corresponding control system pre-installed ready to be configured in the workplace. Just visit our website ([www.iuseelite.com](http://www.iuseelite.com)) and download the specification sheet with the technical information of the luminaire and the available control system for the selected fixture. Don't waste more time and money looking for a control system for your new project, Elite Lighting now offers **THE MOST COMPREHENSIVE LINE OF LIGHTING FIXTURES WITH CONTROLS IN NORTH AMERICA.**

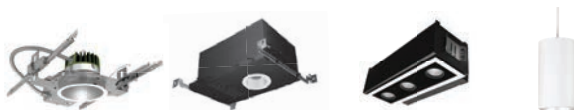


## FIRST STEP

### CHOOSE YOUR FIXTURES

Elite Lighting has a complete line of architectural lighting products to give you the freedom to design any projects.

DOWNLIGHTING | SMALL APERTURE | COMBO LIGHTING | CYLINDER



ARCHITECTURAL SLOT | SUSPENDED | RECESSED LINEAR | SURFACE MOUNT



[www.iuseelite.com](http://www.iuseelite.com)



## SECOND STEP

### SELECT YOUR CONTROLS

Fixture can ship with pre-installed Enlighted sensor, or with the ceiling mount option to be installed in the field.

#### OPTION 1

Sensor connects to control unit and to the 0-10v driver



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit

#### OPTION 2

Sensor connects directly to the XSR Driver



**CS-D2**  
Tile Mount Sensor



**FS-D22**  
Fixture Mount Sensor



**XSR Driver**





## THIRD STEP

### CHOOSE YOUR SWITCH

After selecting the control system choose how are you going to control your fixtures using the corresponding wall mount switch.



Enlighted Wireless Switch

## FOURTH STEP

### SET UP THE CONTROL SYSTEM

Configure your Enlighted System and start collecting data.



Gateway

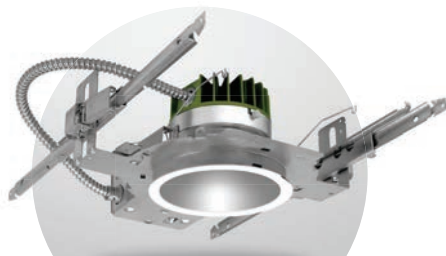


Energy Manager

# Elite Products available with Enlighted Control System

1

Choose from the Elite Lighting complete line of architectural products



4", 5", 6", 8" & 10"  
LED Architectural Downlight



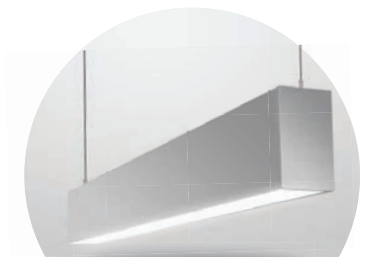
LED Architectural Cylinders



Small Aperture  
Specification Downlighting



LED Combo Lighting



LED Linear Slot



LED Suspended Linear



LED Surface Linear Lighting



LED Recessed Linear



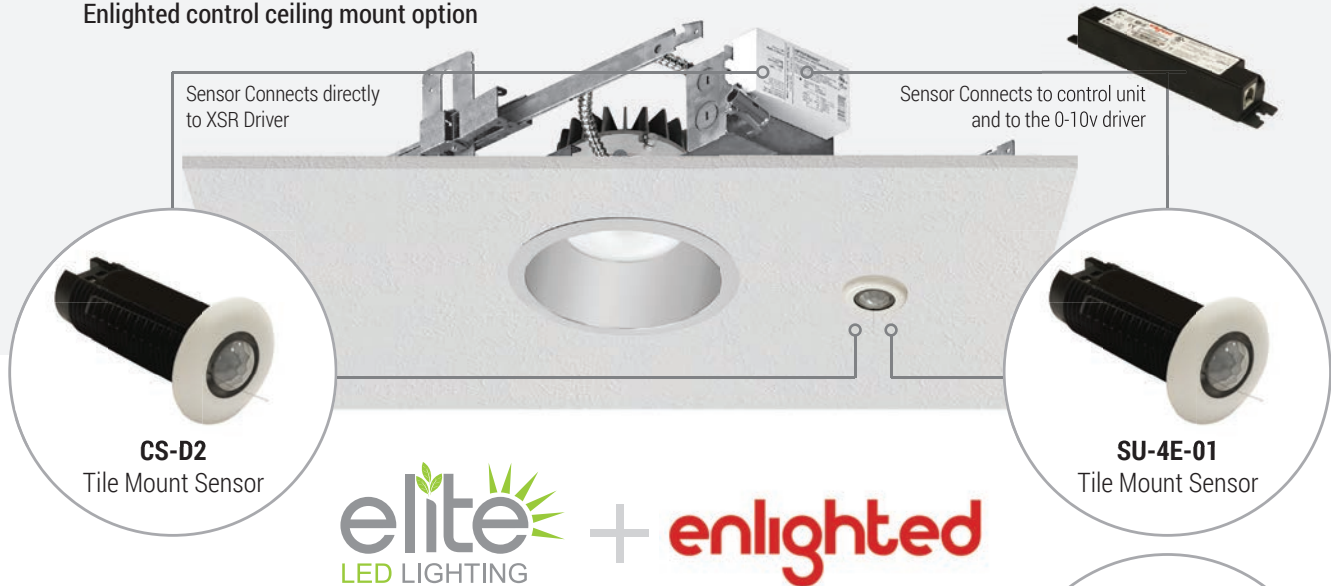
LED Flat Panels

## 2

# Elite Lighting + Enlighted Control System

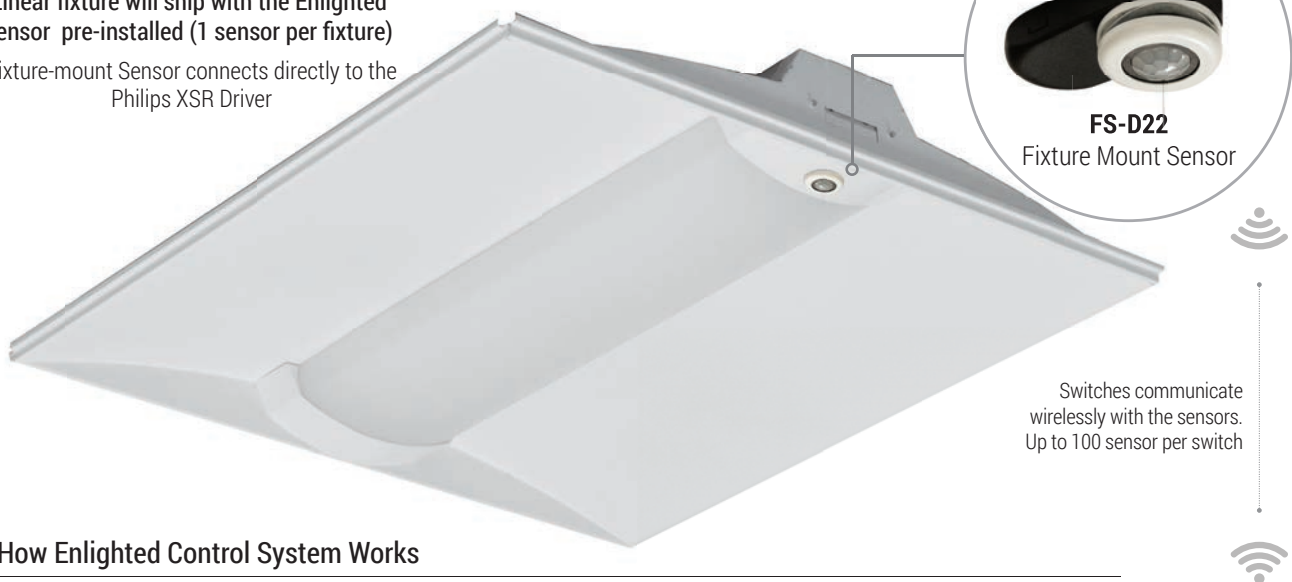
## Select the control system

Downlight Fixtures can be shipped with the Enlighted control ceiling mount option

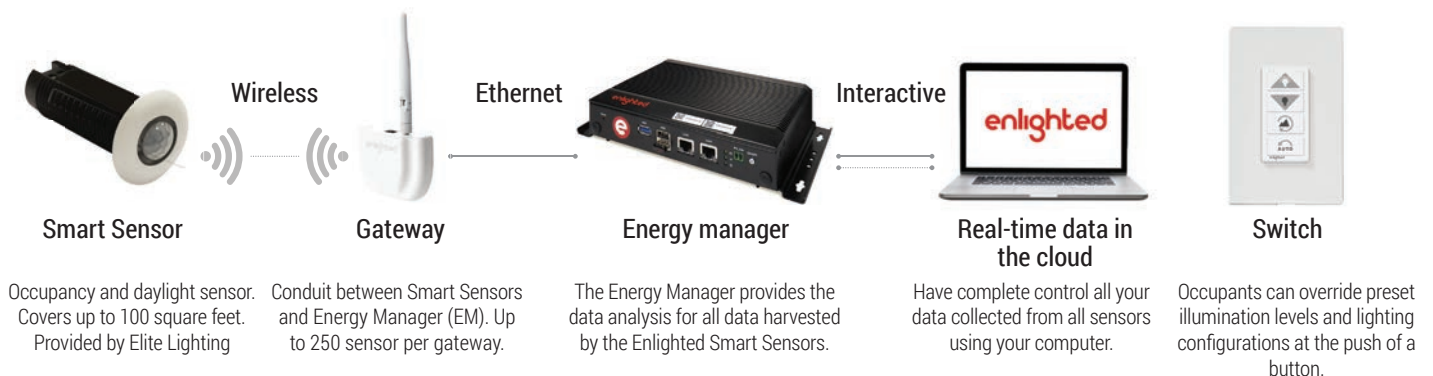


Linear fixture will ship with the Enlighted sensor pre-installed (1 sensor per fixture)

Fixture-mount Sensor connects directly to the Philips XSR Driver



## How Enlighted Control System Works





# ELITE Recessed Series + Enlighted Wireless Control





**OD1V-LED**  
LED Recessed Volumetric

**elite** LED LIGHTING



**Switch**  
Enlighted Switch

### Enlighted Control System



Gateway



Energy Manager

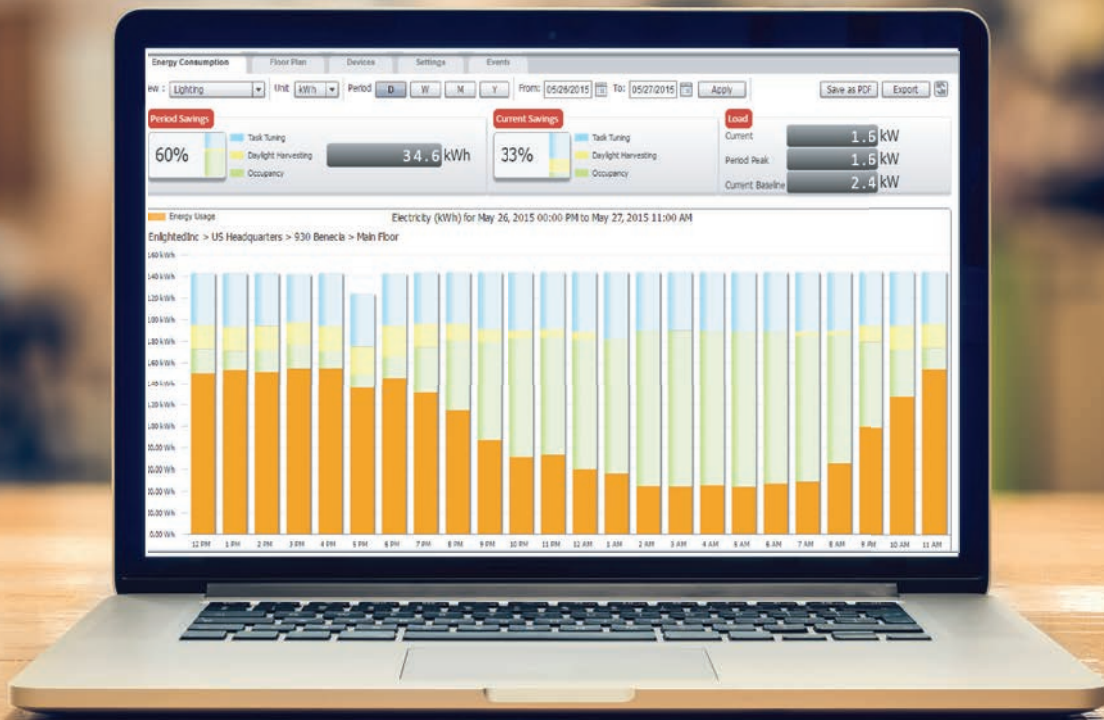


Sensors Communicate Wirelessly with the Gateway and each Gateway connects to the Energy Manager to collect and process the data



# Advanced Control System

enlighted



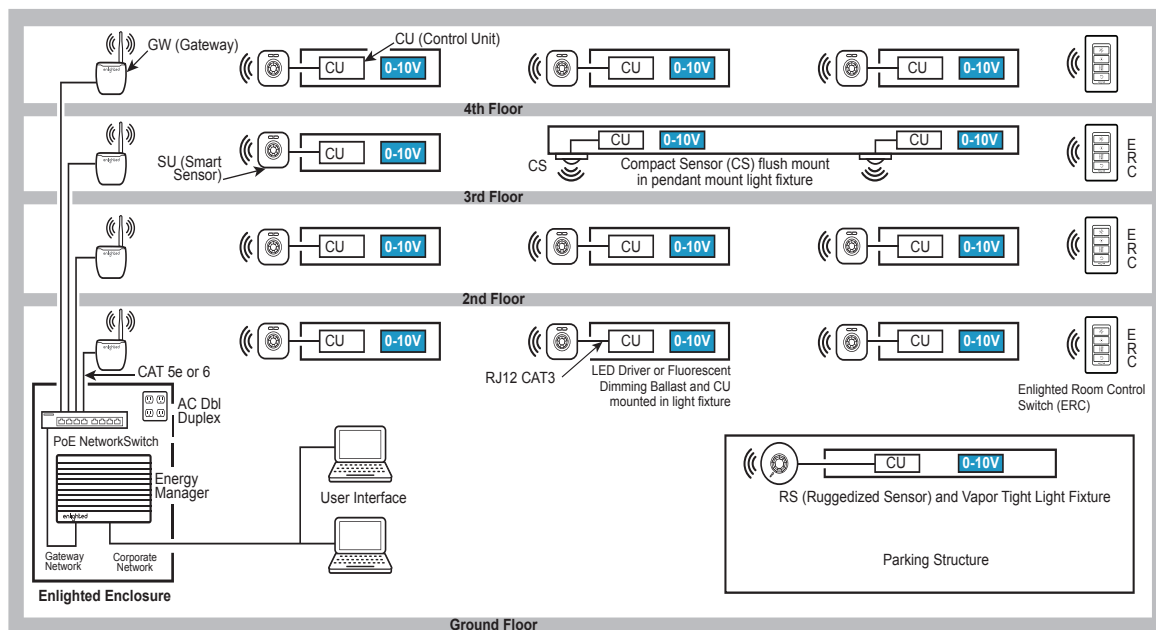
# Energy Efficiency Redefined

**Integrated.** Enlighted Energy Manager works closely with our advanced sensors to produce a commercial-grade lighting control system that is second to none. Constant communication with Enlighted sensors maintains lighting at its most optimum level for occupant comfort and energy efficiency.

**Insightful.** Information from each sensor is pushed to the Energy Manager for usage analysis. Providing important data about how a building is being utilized by its occupants allows building management to adjust usage to increase energy efficiency. The Energy Manager also provides important information about how much energy the new lighting system is saving the company.

**Real-Time.** This real-time information makes it easy to project the annual ROI that will be realized from the Enlighted advanced lighting system. Powerful. Finally, building management has been given access to the right tools and information to take control over their organization's energy usage.

Control your entire building and increase efficiency and performance.



Save up to **88%**  
of your energy cost



# Enlighted Compact Sensor

2



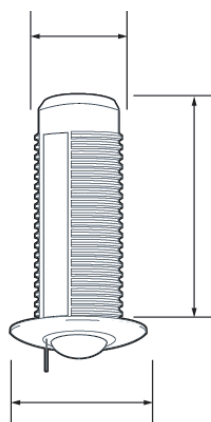
Choose Control System



CU-3E-1R  
Control Unit

*SU-4E-01 Connects to Control Unit and the Control Unit connects to the 0-10V drivers.*

Body Diameter = 0.82"



Height = 1.87"

Faceplate Diameter = 1.26"

## MOUNTING

The Enlighted Compact Sensor is designed to be easily mounted into lighting fixtures or ceiling tiles so that only the discrete paintable white faceplate is visible.

## NOTES

Wireless range of 150 feet

Designed for indoor lighting applications, the Enlighted Compact Sensor features onboard intelligence that is unparalleled in the industry. With digital motion, ambient light, and temperature sensing, the device provides autonomous fixture-level control in a compact form factor, bringing advanced lighting automation to a whole new scale. The device can be mounted in a fixture or into the ceiling, leaving only the sensor face visible. This makes it an ideal choice for maintaining aesthetics.

# SU-4E-01

## SU-4E-01



## Features & Benefits

**Localized Control:** Local microprocessor and memory in each sensor enable a sequence of operations at the fixture, eliminating dependency on any other network component once system setup is complete. The sensor works autonomously to ensure continuous operation, eliminating any single point system failure.

**Software-Driven:** Light-level schedules, preferences, and behavior profiles for each fixture are wirelessly communicated during system setup and locally stored. Profiles can be modified and updated wirelessly.

**Occupancy/Thermal Sensing:** Digital Passive Infrared (PIR) detection with separate ambient light and temperature sensors support precise motion sensing while minimizing false detection events.

**Tunable White:** When used with a compatible pair of LED drivers, the sensor is capable of controlling the color temperature of a fixture along with the dim level. Also, when used with Energy Manager 3.6 and above, the sensor supports color transitions based on circadian rhythm.

**Manual-on/Vacancy Sensing:** When paired with the Wireless Room Control (WS-2-00), the sensor acts as a vacancy sensor providing code-compliant manual-on/auto-off capability. Bluetooth 4.0: An embedded BLE radio allows the sensor to receive and transmit beacons in addition to Bluetooth data communication.

**Daylight Harvesting:** An ambient light sensor captures light level data from the coverage area. The sensor then interprets this data and transmits code-compliant control commands to the Enlighted Control Unit to raise and lower light levels based on available daylight.

**Zone Control:** Sensors can be grouped into zones, thereby allowing multiple fixtures to share occupancy sensing data and respond simultaneously to occupant motion patterns.

**Full Reporting Functions:** Local occupancy, power consumption, light level and temperature data collection compatible with Enlighted's control network can enable local analysis and provide custom reports.

**Standards-Based Networking and Security:** The Enlighted 802.15.4 wireless network with AES128 encryption supports reliable communication that coexists with Wi-Fi networks by sensing low-traffic channels and transmitting in bursts.

**Simple and Low-Cost Installation:** Single wiring connection in a fixture with no other above ceiling wiring required. One-sensor-per-fixture approach simplifies the installation process.

**Lighting Technology Compatibility:** The sensor can send dimming controls to standard 0-10V ballasts and drivers for LED, fluorescent, High Intensity Discharge (HID), induction, or plasma fixtures and on/off controls for all types of fixtures and relays.

# Specification

Motion Sensing: Digital Passive IR

Photosensor: Light Pipe/Photosensor Array

Enclosure: ABS/Polycarbonate blend

Type: Closed Loop Light Sensor

Operating: 32° to 122° F / 0° to 50° C

Radio Frequency: 2400–2483.5 MHz

Wireless Protocol: IEEE 802.15.4

Wireless Range: 150 ft (46m) radius open range

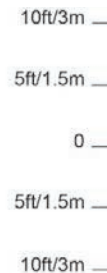
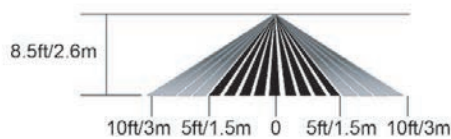
Encryption: AES-128

Bluetooth 4.0 Low Energy (BLE): Operating Frequency: 2400–2483.5 MHz  
IEEE Standard: 802.15.1

## SENSOR COVERAGE PAT TERNS

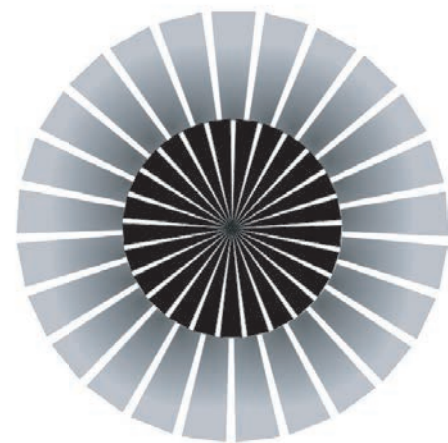
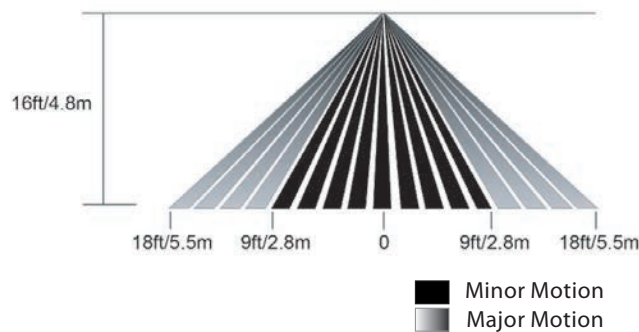
The Enlighted Compact Sensor uses infrared technology to detect occupancy. The human body emits heat as infrared light. The sensor incorporates a multi-faceted lens to focus this light onto a Passive Infrared (PIR) detector. Using patented algorithms, the Compact Sensor analyzes the PIR's output and determines if a person is present. The Enlighted Compact Sensor produces an all-encompassing field of view by aggregating many repeated narrow field of views.

### 8.5 feet Mounting Height



Side View

### 16 feet Mounting Height



■ Minor Motion  
■ Major Motion

Ceiling Height	Minor Motion (Radius)	Major Motion (Radius)
8.5 feet/2.6m	5 feet/1.5m	10 feet/3m
16 feet/12m	9 feet/2.8m	18 feet/5.5m

# Enlighted Control Unit



*SU-4E-01 Connects to Control Unit and the Control Unit connects to the 0-10V drivers.*

## Dimensions

L	6.26"
W	1.18"
H	1.00"

The Enlighted Control Unit is typically wired to the fixture's LED driver or dimming ballast to control light levels with high reliability and security—defaulting to full-output in any failure mode. It also connects to the Enlighted sensor units which contain microprocessors and sensor arrays that integrate occupancy, daylight, and temperature sensing. Customizable software profiles that drive each sensor unit enable easy definition of parameters to balance energy efficiency and occupant comfort goals. The sensor unit continuously takes occupancy, vacancy and light readings, interprets this data and instructs the Enlighted Control Unit in how to adjust illumination levels accordingly.

## CU-3E-1R



## Features & Benefits

**Real-Time Measurement and Verification of Energy Savings:** Measures baseline wattage and energy consumption per fixture.

**Simple and Low-Cost Installation:** The Control Unit is designed to fit within fixture cavity to speed installation and is factory-installable into fixture for streamlined project installation.

**Flexible Configuration:** Allows control of many small low-wattage fixtures with single unit (output up to 4.5A)

**Latching Relay to Reduce Standby Power:** Ensures fixture defaults to a power-on mode in the case of failure. Reduces standby power consumption of each unit to 500mW, compared with traditional relays.

**Fixture Outage Reports:** Harvests performance data via embedded power meter chip. Enlighted control network generates fixture outage reports to reduce maintenance costs and increase occupant safety and comfort.

## MOUNTING

The Control Unit is designed to be mounted inside fixtures and NEMA rated enclosures. Sheet metal screws are typically used to mount the Control Unit in these environments.

## NOTES

4.5A maximum continuous  
4.5A @ 120V = 540 Watts  
4.5A @ 277V = 1246 Watts



# Specification

Operating: -31° to 185° F  
-35° to 85° C ambient

Enclosure: 30% fiberglass reinforced PET

Input Frequency: 50/60 Hz

Input Voltage: 120 to 277 VAC

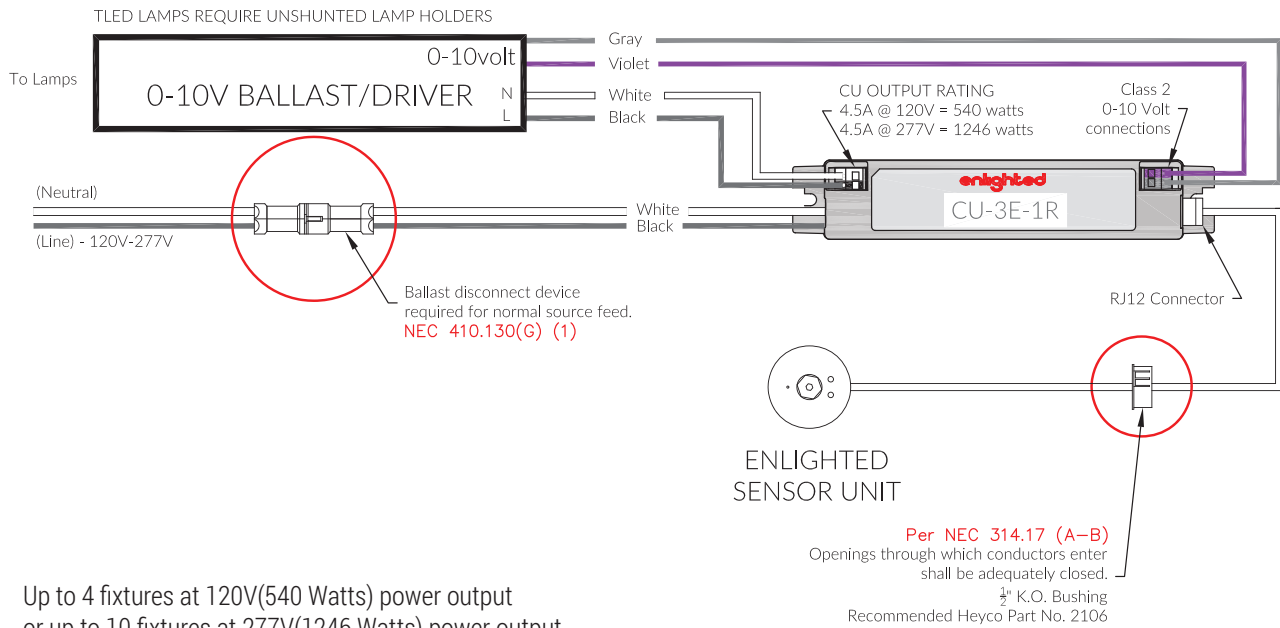
Input Lead Wires: 18", 18 AWG solid

Power Output: Push in style  
12-18 AWG solid

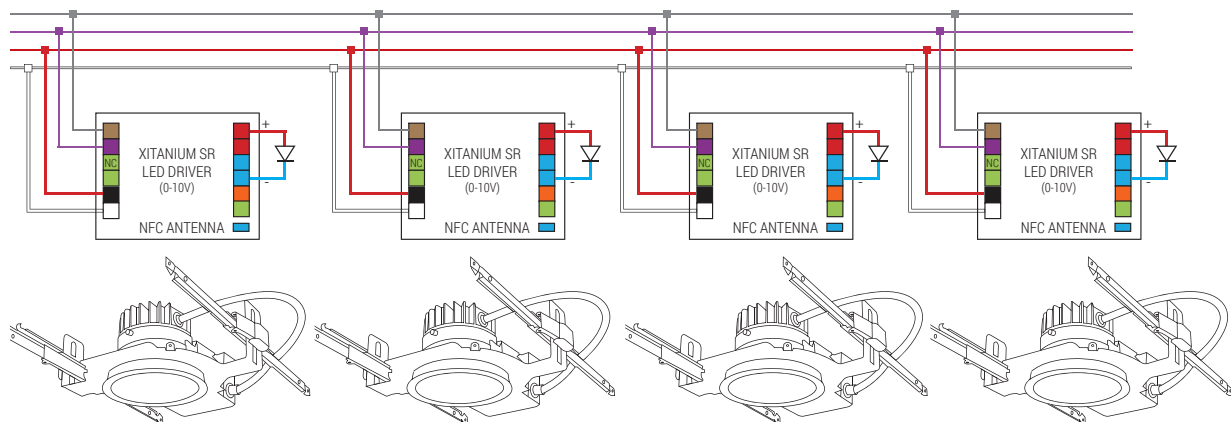
Dimmer Control Output: Push in style  
18-24 AWG solid  
0-10 VDC

Power Output Specifications: 4.5A maximum continuous  
4.5A @ 120V = 540 Watts  
4.5A @ 277V = 1246 Watts  
Load Inrush current not to exceed

NEMA-410 limits: 192A peak @ 120 V 320A peak @ 277V



Up to 4 fixtures at 120V(540 Watts) power output  
or up to 10 fixtures at 277V(1246 Watts) power output



# Enlighted Two-wire Compact Sensor

2

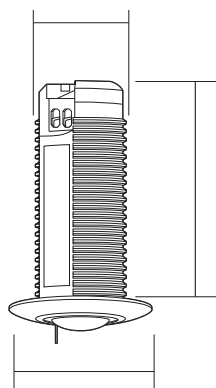


Choose Control System



*CS-D2 Connects Directly to Philips Advance Xitanium Sensor Ready (SR) LED drivers.*

Body Diameter = 0.82"



Height = 2.23"

Faceplate Diameter = 1.26"

## MOUNTING

The Enlighted Two-wire Compact Sensor is designed to be easily mounted into lighting fixtures or ceiling tiles so that only the paintable white faceplate is visible.

## NOTES

Wireless range of 150 feet

Designed for indoor lighting applications, the Enlighted Two-wire Compact Sensor features onboard intelligence. The device can be mounted inside a fixture or into the ceiling, leaving only the sensor face visible, making it an ideal choice for maintaining aesthetics. The 18 AWG solid copper wiring between the sensor and a compatible LED driver simplifies installation and provides plug and play capabilities. With a durable wireless antenna, digital motion, photocell, and temperature sensing, the sensor enables autonomous fixture-level control, bringing advanced lighting controls to a whole new scale.

## CS-D2

### CS-D2



## Features & Benefits

**Localized Control:** Local microprocessor and memory in each sensor enable a sequence of operations at the fixture, eliminating dependency on any other network component once system setup is complete. The sensor works autonomously to ensure continuous operation, eliminating any single point system failure.

**Software-Driven:** Light-level schedules, preferences, and behavior profiles for each fixture are wirelessly communicated during system setup and locally stored. Profiles can be modified and updated wirelessly.

**Occupancy Sensing:** Digital Passive Infrared (PIR) detection is supplemented with data from the ambient light sensor for precise detection of changes and minimized false tripping.

**Bluetooth 4.0 Low Energy (BLE):** Incorporates a BLE radio and broadcasts beacons. Beacons can be turned on or off using the Enlighted Energy Manager.

**Manual-on/Vacancy Sensing:** When paired with the Wireless Room Control (WS-2-00), the sensor acts as a vacancy sensor providing code-compliant manual-on/auto-off capability.

**Daylight Harvesting:** Captured ambient light levels are locally interpreted into control commands to raise and lower light levels based on available daylight.

**Thermal Sensing:** Reports ambient temperature at the sensor location.

**Zone Control:** Sensors can be grouped into zones, thereby allowing multiple fixtures to share occupancy sensing data and respond simultaneously to occupant motion patterns in zones.

**Full Reporting Functions:** Local occupancy, power consumption, light levels, and temperature data collection compatible with Enlighted's control network enable insightful reporting and analytics.

**Standards-Based Networking and Security:** The Enlighted 802.15.4 wireless network with AES128 encryption supports reliable communication that coexists with Wi-Fi networks by sensing low-traffic channels and transmitting in bursts.

**Simple and Low-Cost Installation:** Single wiring connection in a fixture with no other above ceiling wiring required. One-sensor-per-fixture approach simplifies the installation process.

**Lighting Technology Compatibility:** Sensor control signals are compatible with various LED drivers and two-wire devices.

# Specification

Motion Sensing: Digital Passive IR

Photosensor: Light Pipe/Photosensor Array

Enclosure: ABS/Polycarbonate blend

Type: Closed Loop Light Sensor

Operating: 32° to 122° F / 0° to 50° C

Radio Frequency: 2400–2483.5 MHz

Wireless Protocol: IEEE 802.15.4

Wireless Range: 150 ft (46m) radius open range

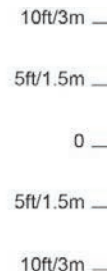
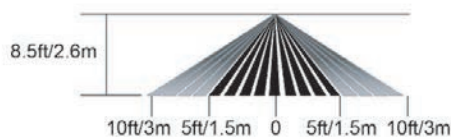
Encryption: AES-128

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IEEE Standard: 802.15.1

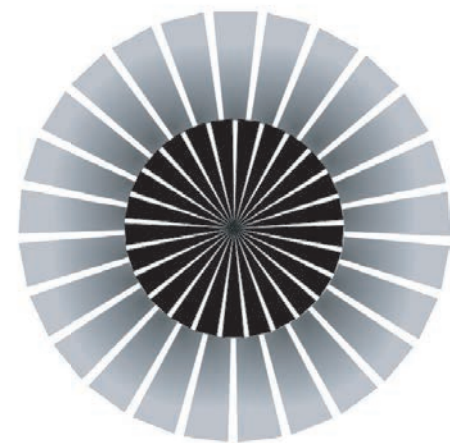
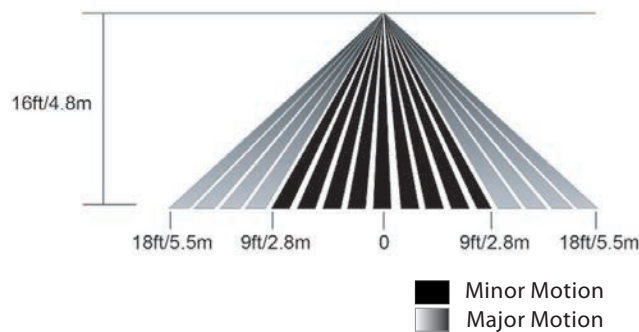
## SENSOR COVERAGE PAT TERNS

The Enlighted Two-wire Compact Sensor uses infrared technology to detect occupancy. The human body emits heat as infrared light. The sensor incorporates a multifaceted lens to focus this light on to a passive infrared (PIR) detector. Using patented algorithms, the Enlighted Compact Sensor analyzes the PIR's output and determines if a person is present. The Enlighted Two-wire Compact Sensor produces an all-encompassing Field of View (FOV) by aggregating many repeated narrow FOVs.

### 8.5 feet Mounting Height



### 16 feet Mounting Height



■ Minor Motion  
■ Major Motion

Ceiling Height	Minor Motion (Radius)	Major Motion (Radius)
8.5 feet/2.6m	5 feet/1.5m	10 feet/3m
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# Enlighted Two-wire Fixture Mount Sensor

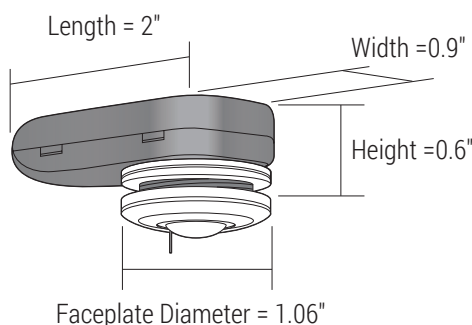
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Choose Control System



*FC-D22 Connects Directly to Philips Advance Xitanium Sensor Ready (SR) LED drivers.*



The Two-wire Fixture Mount Sensor (FS-D22) is designed so the device installs into the fixture cavity, leaving only the sensor face visible, making it an ideal choice for adding intelligence while maintaining aesthetics. The 18 AWG solid copper wiring between the sensor and a compatible LED driver simplifies installation and provides plug and play capabilities. With a durable wireless antenna, digital motion, ambient light, temperature sensing, and distributed intelligence, the Two-wire Fixture Mount Sensor makes advanced lighting control a reality for any fixture manufacturer to a whole new scale.

## FC-D22

### FC-D22



## Features & Benefits

**Localized Control:** Local microprocessor and memory in each sensor enable a sequence of operations at the fixture, eliminating dependency on any other network component once system setup is complete. The sensor works autonomously to ensure continuous operation, eliminating any single point system failure.

**Software-Driven:** Light-level schedules, preferences, and behavior profiles for each fixture are wirelessly communicated during system setup and locally stored. Profiles can be modified and updated wirelessly.

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**Standards-Based Networking and Security:** The Enlighted 802.15.4 wireless network with AES128 encryption supports reliable communication that coexists with Wi-Fi networks by sensing low-traffic channels and transmitting in bursts.

**Simple and Low-Cost Installation:** Single wiring connection in a fixture with no other above ceiling wiring required. One-sensor-per-fixture approach simplifies the installation process.

**Lighting Technology Compatibility:** Sensor control signals are compatible with various LED drivers and two-wire devices.

## MOUNTING

The Enlighted Two-wire Fixture Mount Sensor can be easily integrated into lighting fixtures through a 1/2 inch trade size knockout or 0.875 inch (22 mm) hole. Just unscrew the faceplate from the sensor, insert the threaded part through the knockout, and reattach the faceplate from the outside of the fixture. A spring washer ensures that the faceplate is flush with the fixture. After the sensor has been properly mounted into a fixture, only the paintable white faceplate is visible.

## NOTES

Wireless range of 150 feet

# Specification

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Photosensor: Light Pipe/Photosensor Array

Enclosure: ABS/Polycarbonate blend

Type: Closed Loop Light Sensor

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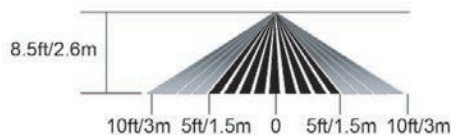
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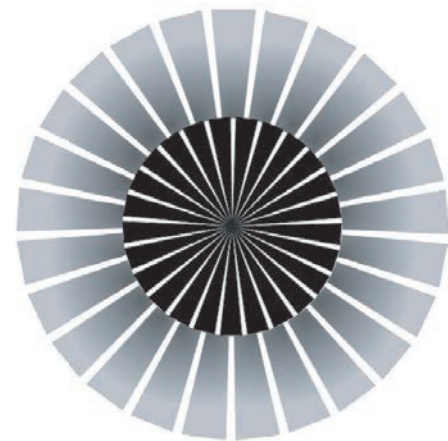
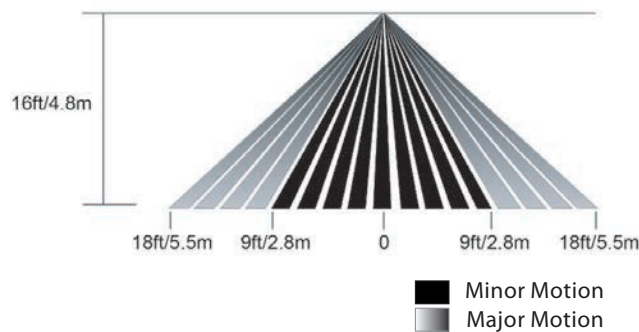
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### 8.5 feet Mounting Height



### 16 feet Mounting Height



■ Minor Motion  
■ Major Motion

Ceiling Height	Minor Motion (Radius)	Major Motion (Radius)
8.5 feet/2.6m	5 feet/1.5m	10 feet/3m
16 feet/12m	9 feet/2.8m	18 feet/5.5m



# Enlighted Room Control Switch

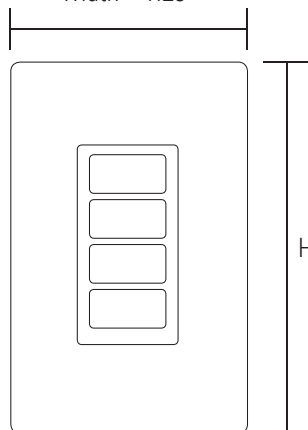
3



Choose Sensors



Width = 1.29"



Height = 2.61"

The Enlighted Room Control provides all of the functions of a standard wall switch with preset dimming capabilities and without any additional wiring. The Enlighted Room Control enables you to select preset scenes so that groups of light fixtures behave in concert to achieve a lighting objective. The Enlighted Room Control gives you the flexibility to predefine up to six different scenes and many combinations of light levels that can then be accessed at the push of a button.

## WS-2-00

### WS-2-00



## Features & Benefits

**Localized Microprocessor Control.** Each Enlighted Room Control is a fully-fledged computing and communications device. The control communicates with Enlighted Smart Sensors wirelessly, enabling the sensor to make local decisions regardless of the network status.

**Programmable.** Scene configurations are defined for each individual Enlighted Room Control and are saved in the Enlighted Smart Sensor's memory during control commissioning. Scenes are easily configured and changed through the browser-accessible Enlighted Energy Manager™.

**Code Compliant.** In some regions, building codes require that a manual-on/auto-off switch be located in any enclosed space. The Enlighted Room Control fulfills this requirement.

**Simple and Low-Cost Installation.** Designed for standard wall plates, completely self-contained and requiring no external power or low voltage wiring, the Enlighted Room Control installs easily on room walls or over existing junction boxes.

**Easy Operation.** Intuitive buttons enable occupants to brighten and dim lights, as well as cycle through lighting scenes and return to original settings. When a space has been unoccupied for a predetermined period of time, the Enlighted system reestablishes automatic control. Vacancy duration is a configurable parameter.

**Standards-Based Networking and Security.** Adhering to the 802.15.4 wireless protocol, transmitting in bursts and appropriately selecting low-traffic channels, the Enlighted wireless network reliably coexists with Wi-Fi networks. Data is AES-128 encrypted to provide security.

**Low Air-Time Consumption.** The Enlighted Room Control consumes a very small fraction of wireless channel capacity because it only communicates locally with the Enlighted Smart Sensors in data bursts, thereby minimizing collisions with other traffic.

**Minimal Maintenance.** With an expected battery life of more than 7 years, the Enlighted Room Control has minimal maintenance requirements.

## MOUNTING

The Enlighted Two-wire Fixture Mount Sensor can be easily integrated into lighting fixtures through a 1/2 inch trade size knockout or 0.875 inch (22 mm) hole. Just unscrew the faceplate from the sensor, insert the threaded part through the knockout, and reattach the faceplate from the outside of the fixture. A spring washer ensures that the faceplate is flush with the fixture. After the sensor has been properly mounted into a fixture, only the paintable white faceplate is visible.

## NOTES

Max fixtures per control: 100

# Specification

Action:	Four push buttons; six software-configurable scenes
Actuations:	Rated for 50,000 actuations
Power:	Battery-powered: CR2025
Battery Life:	7 years based on average usage
Max Fixtures Per Control:	100
Security:	AES-128 Encryption
Interoperability:	Enlighted Sensors and Gateways
Radio Frequency:	2400–2483.5 MHz
RF TX Output Power:	0 dBm
Wireless Protocol:	IEEE 802.15.4
Wireless Range:	150 ft. radius (46m) open range
Operating:	32° to 122° F / 0° to 50° C
Enclosure:	Recyclable ABS



**BRIGHT**  
Press-and-release to turn lights on  
Press-and-hold to gradually brighten

**DIM**  
Press-and-release to turn lights off  
Press-and-hold to gradually dim

**SCENES**  
Press for customized room scenes

**AUTO**  
Press to reset lights to original levels

# ① ELITE Downlight Series + Enlighted Wireless Control



**HH6-LED**  
LED Architectural  
Downlight

**SU-4E-01**  
Tile Mount Sensor



# LED Architectural Downlight + Control



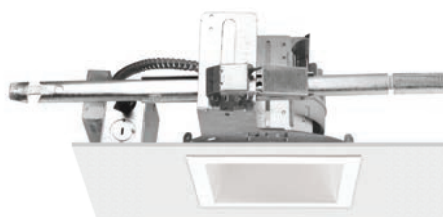
Choose Fixtures

LUMEN OUTPUT	Up to 8000 Lumens	OPTIC	Wide, Medium and Narrow Distribution
CRI	90+ , 98+	WARRANTY	5 Years
COLOR QUALITY	3-Step MacAdam Ellipse	SHAPE	Square and Round
CCT	27K, 30K, 35K, 40K, 50K	STYLE	Downlight, Wall wash, Adjustable

## LED SQUARE ARCHITECTURAL DOWNLIGHT



**4"**  
HH4SQ-LED  
2000 LUMENS



**6"**  
HH6SQ-LED  
4000 LUMENS

## LED ROUND ARCHITECTURAL DOWNLIGHT



**4"**  
HH4-LED  
2000 LUMENS



**5"**  
HH5-LED  
4000 LUMENS



**6"**  
HH6SQ-LED  
4000 LUMENS

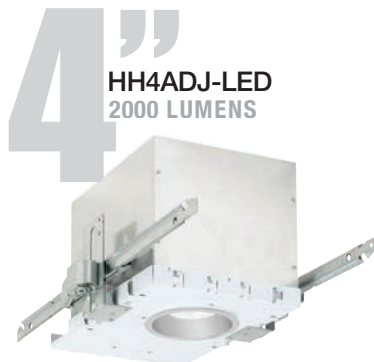


**8"**  
HH8-LED  
8000 LUMENS

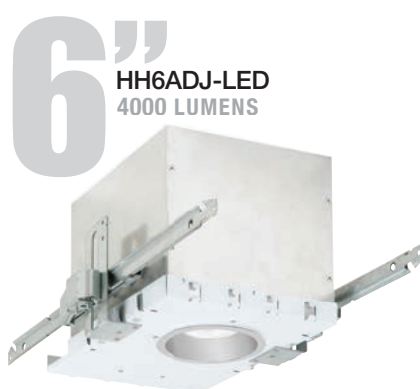


**10"**  
HH10-LED  
8000 LUMENS

## LED ADJUSTABLE & IC ARCHITECTURAL DOWNLIGHT



**4"**  
HH4ADJ-LED  
2000 LUMENS



**6"**  
HH6ADJ-LED  
4000 LUMENS



**6"**  
HH6IC-LED  
2000 LUMENS






*\*Ceiling Access to fixtures required*



# Specification

SERIES:	HH4SQ-LED, HH6SQ-LED
	HH4-LED, HH5-LED, HH6-LED, HH8-LED, HH10-LED HH4ADJ-LED, HH6ADJ-LED, HH6IC-LED
LUMEN PACKAGES:	900 LUMENS
	1200 LUMENS
	1500 LUMENS
	2000 LUMENS
	3000 LUMENS
	4000 LUMENS
	6000 LUMENS
	8000 LUMENS
DRIVERS:	DIM10 (0-10V 1% Dimming Standard)
VOLTAGE:	120
	277
DISTRIBUTIONS:	WD (70°-75°) - Wide Distribution
	MD(55°-60°) - Medium Distribution
	ND(35°-40°) - Narrow Distribution
CCT:	27K, 30K, 35K, 40K, 50K
EMERGENCY:	EMG-LED
	INTG-EMG-LED
OPTIONS:	CP-Chicago Plenum
LISTING:	c-UL-us - listed for Wet Location if used with HH6-6501 Trim.
	c-UL-us - listed for feed Through Wiring. LM79 / LM80
	U.S Patent No. - D685,118S
	CP - City of Chicago environmental air (CCEA) marking for plenum applications.
WARRANTY:	5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

Controls Provided by Elite Lighting		Controls provided by Enlighted	
Fixture will ship with the CU-3E-1R and the SU-4E-01 sensor to be installed in the ceiling			
			
<b>SU-4E-01</b> Tile Mount Sensor			
	<b>CU-3E-1R</b> Control Unit	<b>Gateway</b>	<b>Switch</b> <b>Energy Manager</b>

# LED Architectural Downlight + Control



Choose Fixtures

LUMEN OUTPUT	Up to 8000 Lumens	OPTIC	Wide, Medium and Narrow Distribution
CRI	85+, 90+ , 98+	WARRANTY	5 Years
COLOR QUALITY	3-Step MacAdam Ellipse	SHAPE	Round
CCT	27K, 30K, 35K, 40K, 50K	STYLE	Retrofit Downlight

## LED ROUND ARCHITECTURAL RETROFIT DOWNLIGHT



# Specification

**SERIES:** HHHJ4-LED, HHJ5-LED, HHJ6-LED  
HHJ8-LED, HHJ10-LED

**LUMEN PACKAGES:** 900 LUMENS  
1200 LUMENS  
1500 LUMENS  
2000 LUMENS  
3000 LUMENS  
4000 LUMENS  
6000 LUMENS  
8000 LUMENS

**DRIVERS:** DIM10 (0-10V 1% Dimming Standard)

**VOLTAGE:** 120  
277

**DISTRIBUTIONS:** WD (70°-75°) - Wide Distribution  
MD(55°-60°) - Medium Distribution  
ND(35°-40°) - Narrow Distribution

**CCT:** 27K, 30K, 35K, 40K, 50K

**EMERGENCY:** EMG-LED

**LISTING:** c-UL-us - listed for Wet Location if used with HH10-1501 Trim.  
c-UL-us - listed for feed Through Wiring. LM79 / LM80  
U.S Patent No. - D685,118S

**WARRANTY:** 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R and the SU-4E-01 sensor to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

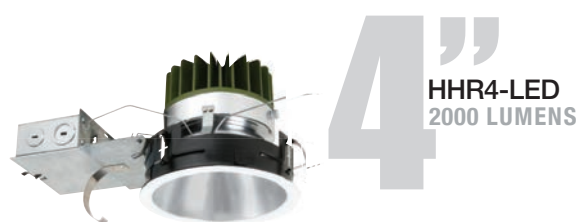
# LED Architectural Downlight + Control



Choose Fixtures

LUMEN OUTPUT	Up to 8000 Lumens	OPTIC	Wide, Medium and Narrow Distribution
CRI	85+, 90+ , 98+	WARRANTY	5 Years
COLOR QUALITY	3-Step MacAdam Ellipse	SHAPE	Round
CCT	27K, 30K, 35K, 40K, 50K	STYLE	Remodel Downlight

## LED ROUND ARCHITECTURAL REMODEL DOWNLIGHT





# Specification

SERIES: HHR4-LED  
HHR6-LED  
HHR8-LED

LUMEN PACKAGES: 900 LUMENS  
1200 LUMENS  
1500 LUMENS  
2000 LUMENS  
3000 LUMENS  
4000 LUMENS  
6000 LUMENS  
8000 LUMENS

DRIVERS: DIM10 (0-10V 1% Dimming Standard)

VOLTAGE: 120  
277

DISTRIBUTIONS: WD (70°-75°) - Wide Distribution  
MD(55°-60°) - Medium Distribution  
ND(35°-40°) - Narrow Distribution

CCT: 27K, 30K, 35K, 40K, 50K

EMERGENCY: EMG-LED

LISTING: c-UL-us - listed for Wet Location if used with HH8-8501 Trim.  
c-UL-us - listed for feed Through Wiring. LM79 / LM80  
U.S Patent No. - D685,118S

WARRANTY: 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R and the SU-4E-01 sensor to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit

## Controls provided by Enlighted



**Gateway**



**Switch**

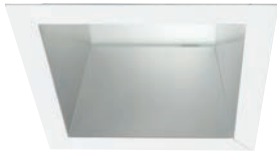


**Energy Manager**

# Square Trim Options

OPTIC	Wide, Medium, Narrow Distribution	SHAPE	Square
WARRANTY	5 Years Warranty	STYLE	Downlight, Wall Wash, Adjustable

## SQUARE TRIM OPTIONS



**6" - MOS-6614-CL**  
Reflector with Frosted Glass  
Diffuse Lens



**6" - MOS-6607-CL**  
Wall Wash Reflector with  
Diffuse Lens



**6" - MOS-6615-CL**  
Reflector with Tempered  
Glass Lens



**6" - MOS-6601-CL**  
Open Reflector



**4" - LED-4607-CL**  
Wall Wash Reflector with  
Diffuse Lens



**4" - LED-4615-CL**  
Reflector with Tempered  
Glass Lens



**4" - LED-4614-CL**  
Reflector with Frosted Glass  
Diffuse Lens

## SQUARE TRIM-LESS OPTIONS



**6"- 6607-CL**  
Wall Wash Reflector with  
Diffuse Lens



**6"- 6615-CL**  
Reflector with Tempered  
Glass Lens



**6"- 6614-CL**  
Reflector with Frosted Glass  
Diffuse Lens



**4"- 4607-CL**  
Wall Wash Reflector with  
Diffuse Lens



**4"- 4615-CL**  
Reflector with Tempered  
Glass Lens



**4"- 4614-CL**  
Reflector with Frosted Glass  
Diffuse Lens

# Round Trim Options

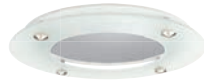
<b>OPTIC</b>	Wide, Medium, Narrow Distribution	<b>SHAPE</b>	Round
<b>WARRANTY</b>	5 Years Warranty	<b>STYLE</b>	Downlight, Wall Wash, Adjustable

## DESIGN OPTIONS



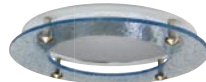
**HH\_- \_501**

Reflector with  
Diffuse Lens



**HH\_- \_509**

Deco Glass Reflector  
with Diffuse Lens



**HH\_- \_521**

Standard Ring Glass  
Reflector with Diffuse Lens



**HH\_- \_528(WH)**

Reflector with Aluminum Disk &  
Diffuse Lens-White

*For 4", 5", 6", 8" & 10"  
optics, replace "\_" in the  
optics's part number with 4,  
5, 6, 8 & 10.*

*Example: HH8-8501  
for 8" optic.*



**HH\_- \_507**

Wall Wash Reflector  
with Diffuse Lens



**HH\_- \_510**

Double Ring Glass  
Reflector with Diffuse Lens



**HH\_- \_523**

Prismo Deco Ring Glass with  
Diffuse Lens



**HH\_- \_528(AL)**

Reflector w/ Aluminum Disk &  
Diffuse Lens Aluminum



**HH\_- \_577**

Double Wall Wash  
Reflector with Diffuse Lens



**HH\_- \_511**

Triple Ring Glass Reflector  
with Diffuse Lens



**HH\_- \_522**

Euro Deco Ring Glass  
with Diffuse Lens



**HH\_- \_528(BZ)**

Reflector with Aluminum  
Disk & Diffuse Lens Bronze



**HH\_- \_525**

Central Etched Float Glass  
with Diffuse Lens

## COLOR OPTIONS REFLECTOR - RING FINISH



**CL - WH**

Specular clear Reflector/ Self  
Flanged White Trim Ring



**WT - WH**

(Wheat Reflector/ Self  
Flanged White Trim Ring)



**W - WH**

(White Reflector/ Self  
Flanged White Trim Ring)



**MB - WH**

(Black Reflector/ Self  
Flanged White Trim Ring)



**CL - SCH**

(Specular clear Reflector/ Self  
Flanged White Trim Ring)



**SHZ - WH**

(Satin Haze Reflector/ Self  
Flanged White Trim Ring)



**SHZ - SHZ**

(Satin Haze Refl./ Self  
Flanged Satin Haze Trim Ring)

## COLOR OPTIONS - TRIM-LESS



**CL**

Specular clear Reflector



**SHZ**

Satin Haze Reflector

# ① ELITE Cylinder Series + Enlighted Wireless Control



**SU-4E-01**  
Tile Mount Sensor



**SCH6-LED-PM**  
Cylinder





# LED Architectural Cylinder + Control



Choose Fixtures

<b>LUMEN OUTPUT</b>	Up to 4000 Lumens	<b>OPTIC</b>	Wide, Medium and Narrow Distribution
<b>CRI</b>	85+, 90+ , 98+	<b>WARRANTY</b>	5 Years
<b>COLOR QUALITY</b>	3-Step MacAdam Ellipse	<b>APERTURE</b>	6" and 8"
<b>CCT</b>	27K, 30K, 35K, 40K, 50K	<b>STYLE</b>	Downlight, Down/up

## 6" 6" LED ARCHITECTURAL CYLINDERS



**SCH6-LED-PM**  
Ceiling Mount



**SCH6-LED-SM**  
Ceiling Mount (aircraft)



**SCH6-LED-CM**  
Surface Ceiling Mount



**SCH6-LED-WM**  
Wall Mount

## 8" 8" LED ARCHITECTURAL CYLINDERS



**SCH8-LED-PM**  
Ceiling Mount



**SCH8-LED-SM**  
Ceiling Mount (aircraft)



**SCH8-LED-CM**  
Surface Ceiling Mount



**SCH8-LED-WM**  
Wall Mount

# Specification

**SERIES:** SCH6-LED-PM, SCH6-LED-SM, SCH6-LED-CM, SCH6-LED-WM  
SCH8-LED-PM, SCH8-LED-SM, SCH8-LED-CM, SCH8-LED-WM

**LUMEN PACKAGES:** 900 LUMENS  
1200 LUMENS  
1500 LUMENS  
2000 LUMENS  
3000 LUMENS  
4000 LUMENS

**DRIVERS:** DIM10 (0-10V 1% Dimming Standard)

**VOLTAGE:** 120  
277

**DISTRIBUTIONS:** WD (70°-75°) - Wide Distribution  
MD(55°-60°) - Medium Distribution  
ND(35°-40°) - Narrow Distribution

**CCT:** 27K, 30K, 35K, 40K, 50K

**EMERGENCY:** EMG-LED

**LISTING:** c-UL-us - listed for feed Through Wiring.  
LM79 / LM80

**WARRANTY:** 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R and the SU-4E-01 sensor to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

# 1 ELITE Small Aperture Series + Enlighted Wireless Control







**SU-4E-01**  
Tile Mount Sensor

# Small Aperture Specification Downlighting + Control



LUMEN OUTPUT	Up to 2000 Lumens	OPTIC	Wide, Medium and Narrow Distribution
CRI	90+	WARRANTY	5 Years
COLOR QUALITY	2-Step MacAdam Ellipse	TRIM OPTIONS	3" & 4" Square and Round
CCT	27K, 30K, 35K, 40K, 50K	STYLE	Downlight, Wall wash, Adjustable

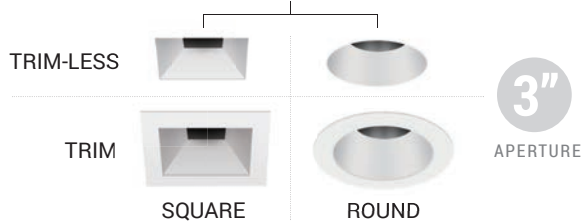
## LED ADJUSTABLE

### ER3-LED/ ER3-LED-IC

LED ROUND & SQUARE SMALL APERTURE ADJUSTABLE ARCHITECTURAL DOWNLIGHT



ONE DOWNLIGHT WITH MULTIPLE TRIM OPTIONS



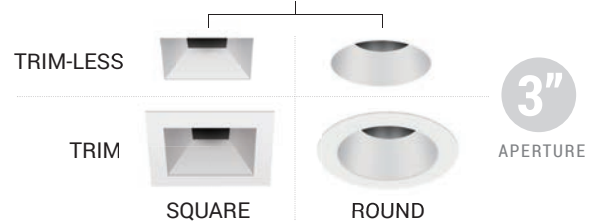
## LED SHALLOW

### ER3-S-LED

LED ROUND & SQUARE SMALL APERTURE SHALLOW ARCHITECTURAL DOWNLIGHT

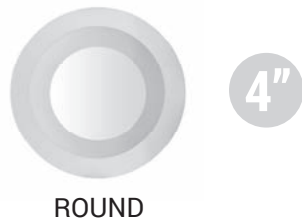


ONE DOWNLIGHT WITH MULTIPLE TRIM OPTIONS



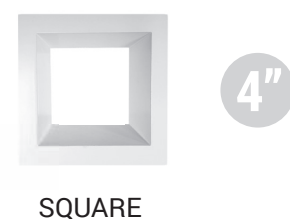
### SR4-LED

LED ROUND SMALL APERTURE SHALLOW ARCHITECTURAL DOWNLIGHT



### SS4-LED

LED SQUARE SMALL APERTURE SHALLOW ARCHITECTURAL DOWNLIGHT








*\*Ceiling Access to fixtures required*

# Specification

SERIES:	ER3-LED, ER3-LED-IC ER3-SHAL-LED SR4-LED SS4-LED
LUMEN PACKAGES:	700 LUMENS 900 LUMENS 1000 LUMENS 1200 LUMENS 1500 LUMENS 2000 LUMENS
DRIVERS:	DIM10 (0-10V 1% Dimming Standard)
VOLTAGE:	120 277
DISTRIBUTIONS:	ND-10 (10°) - Narrow Distribution ND-18 (18°) - Narrow Distribution MD-25 (25°) - Medium Distribution MD-35 (35°) - Medium Distribution WD-50 (50°) - Wide Distribution
CCT:	27K, 30K, 35K, 40K, 50K
EMERGENCY:	EMG-LED Typical lumen output of the fixture is up to 1000L in emergency mode. Contact the factory for details.
OPTIONS:	Blank-Standard bar hangers (included) BP31 - 27" C-channel bar hangers. RIF - RIF filter.
LISTING:	c-UL-us listed for damp location. c-UL-us listed for feed Through Wiring. c-UL-us listed for direct contact with insulation.
WARRANTY:	Fusion ER Recessed luminaries are covered by Fusion's 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

Controls Provided by Elite Lighting		Controls provided by Enlighted	
Fixture will ship with the CU-3E-1R and the SU-4E-01 sensor to be installed in the ceiling			
			
<b>SU-4E-01</b> Tile Mount Sensor	<b>CU-3E-1R</b> Control Unit	<b>Gateway</b>	<b>Switch</b>
			<b>Energy Manager</b>



# ① ELITE Combo Light Series + Enlighted Wireless Control



FC2-LED  
Combo Lighting





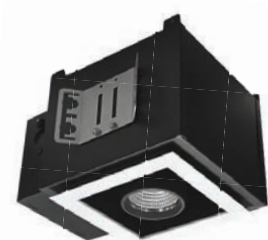
# Combo Lighting + Control



Choose Fixtures

<b>LUMEN OUTPUT</b>	Up to 2000 Lumens/per head	<b>OPTIC</b>	Wide, Medium and Narrow Distribution
<b>CRI</b>	90+	<b>WARRANTY</b>	5 Years
<b>COLOR QUALITY</b>	2-Step MacAdam Ellipse	<b>FINISH</b>	White or Black Trim
<b>CCT</b>	27K, 30K, 40K	<b>STYLE</b>	Adjustable

## LED COMBO LIGHTING



**FC1-LED**  
One Head Combo Light



**FCL-LED**  
L Shape Head Combo Light



**FCX-LED**  
Square Head Combo Light



**FC2-LED**  
Two Head Combo Light



**FC3-LED**  
Three Shape Head Combo Light








**FC4-LED**  
Four Head Combo Light

# Specification

SERIES:	FC1-LED FC2-LED FC3-LED FC4-LED FCL-LED FCX-LED
LUMEN PACKAGES:	1000 LUMENS 1500 LUMENS 2000 LUMENS
DRIVERS:	DIM10 (0-10V 1% Dimming Standard)
VOLTAGE:	120 277
DISTRIBUTIONS:	NS (10°-12°) FL (20°-30°) WFL (30°-40°) VWFL (50°-60°)
CCT:	27K, 30K, 40K
EMERGENCY:	EMG-LED Typical lumen output of the fixture is up to 1000L in emergency mode. Contact the factory for details.
OPTIONS:	Flanged or trim-less
WARRANTY:	All Fusion Combo Lights are design using a proprietary cooled Advanced Thermodynamic Design. Heat management systems are engineered for extremely long life and service periods. Fusion FC multi-lamp luminaries are covered by Fusion's one year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

Controls Provided by Elite Lighting		Controls provided by Enlighted	
Fixture will ship with the CU-3E-1R and the SU-4E-01 sensor to be installed in the ceiling			
			
<b>SU-4E-01</b> Tile Mount Sensor	<b>CU-3E-1R</b> Control Unit	<b>Gateway</b>	<b>Switch</b>
			<b>Energy Manager</b>



# ① ELITE Linear Slot Series + Enlighted Wireless Control





**FS-D22**  
Fixture Mount Sensor



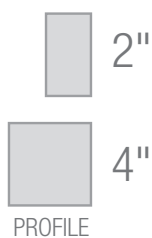
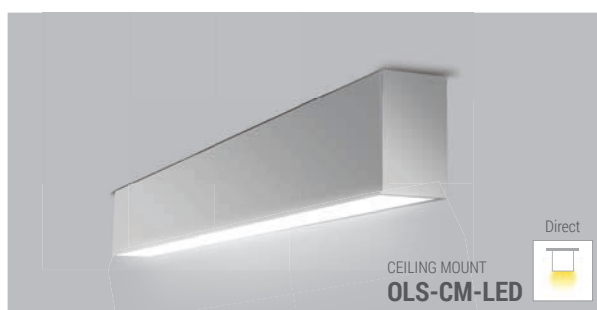


# LED Architectural Slot + Control





Choose Fixtures

LUMEN OUTPUT	1000 Lumens/ foot	DIFFUSER	Smooth white frosted acrylic lens
CRI	85+	WARRANTY	5 Years
COLOR QUALITY	3-Step MacAdam Ellipse	SIZE	2" and 4" profile
CCT	27K, 30K, 35K, 40K, 50K	LENGTH	2', 4' and 8'



# Specification

SERIES:	WIDTH	LENGTH			DESCRIPTION
		2 feet	4 feet	8 feet	
2 inches		2-OLS-DI-LED-2	4-OLS-DI-LED-2	8-OLS-DI-LED-2	(DI) Direct/ Indirect
		2-OLS-D-LED-2	4-OLS-D-LED-2	8-OLS-D-LED-2	(D) Direct
		2-OLS-R-LED-2	4-OLS-R-LED-2	8-OLS-R-LED-2	(R) Recessed
		2-OLS-CM-LED-2	4-OLS-CM-LED-2	8-OLS-CM-LED-2	(CM) Ceiling Mount
		2-OLS-WD-LED-2	4-OLS-WD-LED-2	8-OLS-WD-LED-2	(WD) Wall Mount Direct
		2-OLS-WDI-LED-2	4-OLS-WDI-LED-2	8-OLS-WDI-LED-2	(WDI) Wall Mount Direct/Indirect
		2-OLS-R-LED-WW-2	4-OLS-R-LED-WW-2	8-OLS-R-LED-WW-2	(R)(WW) Recessed/Wall Wash
4 inches		2-OLS-DI-LED-4	4-OLS-DI-LED-4	8-OLS-DI-LED-4	(DI) Direct/ Indirect
		2-OLS-D-LED-4	4-OLS-D-LED-4	8-OLS-D-LED-4	(D) Direct
		2-OLS-R-LED-4	4-OLS-R-LED-4	8-OLS-R-LED-4	(R) Recessed
		2-OLS-CM-LED-4	4-OLS-CM-LED-4	8-OLS-CM-LED-4	(CM) Ceiling Mount
		2-OLS-WD-LED-4	4-OLS-WD-LED-4	8-OLS-WD-LED-4	(WD) Wall Mount Direct
		2-OLS-WDI-LED-4	4-OLS-WDI-LED-4	8-OLS-WDI-LED-4	(WDI) Wall Mount Direct/Indirect
		2-OLS-R-LED-WW-4	4-OLS-R-LED-WW-4	8-OLS-R-LED-WW-4	(R)(WW) Recessed/Wall Wash

LUMEN PACKAGES: 500 LUMENS  
750 LUMENS  
1000 LUMENS

DRIVERS: DIM10 (0-10V 1% Dimming Standard)

WIDTH: 2 & 4 Inches

LENGTH: 2, 4 & 8 Feet

VOLTAGE: MVOLT

CCT: 27K, 30K, 35K, 40K, 50K

EMERGENCY: O-EMG-LED  
10W emergency power lasts for 90 minutes. Max. mounting height is 15-1/2'

WARRANTY: 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R installed in the fixture and the SU-4E-01 sensor to be installed in the ceiling or can be shipped with XSR driver and the FS-22 sensor installed in the fixture or the CS-D2 to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit



**CS-D2**  
Tile Mount Sensor



**FS-D22**  
Fixture Mount Sensor



**XSR Driver**

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

# ① ELITE Suspended Linear Series + Enlighted Wireless Control



**FS-D22**

Fixture Mount Sensor



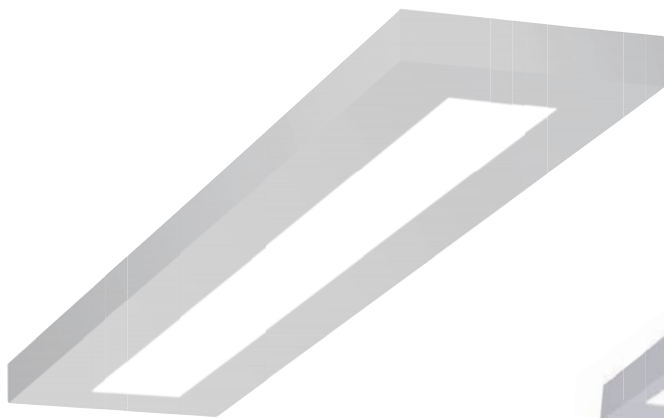


ASI5-LED  
Suspended Linear

# LED Suspended Linear + Control

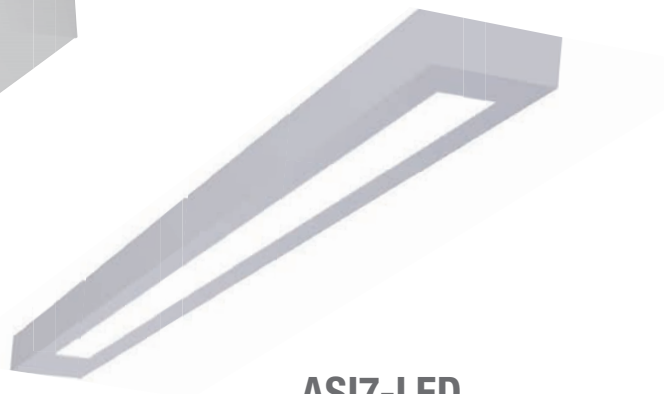


LUMEN OUTPUT	Up to 8000 Lumens	STYLE	Downlight or Up/Down
CRI	85+	WARRANTY	5 Years
COLOR QUALITY	3-Step MacAdam Ellipse	VOLTAGE	MVOLT
CCT	27K, 30K, 35K, 40K, 50K	LENGTH	4' and 8'



**ASI5-LED**

Architectural LED Suspended Linear  
Direct/Indirect System



**ASI7-LED**

Architectural Suspended Linear LED  
Direct System



**ASI6-LED**

Architectural LED Suspended Linear  
Direct/Indirect Frosted Lens System



**OB1DI-LED**

Architectural LED Suspended Mount  
Linear Direct/Indirect System



# Specification

SERIES:	4-ASI5-LED, 8-ASI5-LED
	4-ASI7-LED, 8-ASI7-LED
	4-OB1DI-LED, 8-OB1DI-LED
LUMEN PACKAGES:	4000 LUMENS
	8000 LUMENS
DRIVERS:	DIM10 (0-10V 1% Dimming Standard)
LENGTH:	4 & 8 Feet
VOLTAGE:	MVOLT
CCT:	27K, 30K, 35K, 40K, 50K
EMERGENCY:	O-EMG-LED Must be ordered with CRMPF or SUM option only
WARRANTY:	5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R installed in the fixture and the SU-4E-01 sensor to be installed in the ceiling or can be shipped with XSR driver and the FS-22 sensor installed in the fixture or the CS-D2 to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit



**CS-D2**  
Tile Mount Sensor



**FS-D22**  
Fixture Mount Sensor



**XSR Driver**

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

# ① ELITE Recessed Linear Series + Enlighted Wireless Control





**CS-D2**  
Tile Mount Sensor

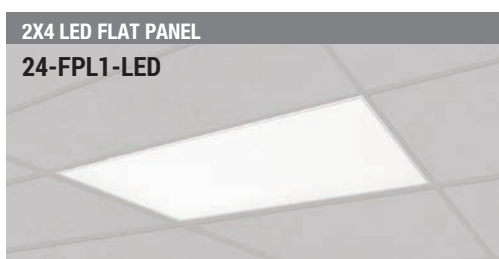
**SWITCH**  
Wall Mount Switch

# LED Recessed Linear + Control

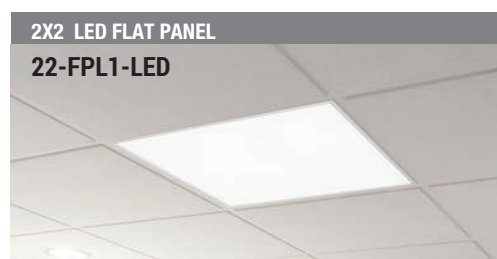


Choose Fixtures

<b>LUMEN OUTPUT</b>	UP to 8000 Lumens	<b>DIFFUSER</b>	Acrylic Lens
<b>CRI</b>	85+	<b>WARRANTY</b>	5 Years
<b>COLOR QUALITY</b>	3-Step MacAdam Ellipse	<b>SIZE</b>	1'x 4', 2'x 2' and 2'x4'
<b>CCT</b>	30K, 35K, 40K and 50K	<b>DIMMING</b>	1% standard Dimming



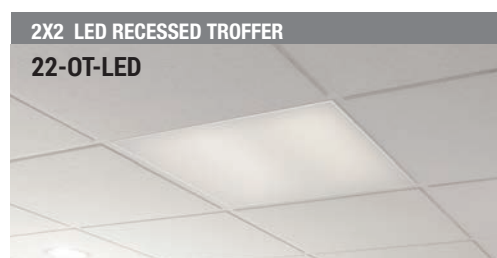
LUMEN PACKAGE **3000 | 4000 | 5000 | 6000**



LUMEN PACKAGE **2000 | 3000 | 4000 | 5000**



LUMEN PACKAGE **4000 | 5000 | 6000 | 8000**



LUMEN PACKAGE **2400 | 3400 | 4000 | 5000**



LUMEN PACKAGE **3000 | 4000 | 5000 | 6000**



LUMEN PACKAGE **2000 | 3000 | 4000**



LUMEN PACKAGE **4000 | 5000 | 6000 | 8000**



LUMEN PACKAGE **3000**

# Specification

**SERIES:** 24-FPL1-LED, 22-FPL1-LED, 24-OT-LED, 22-OT-LED  
24-OD-LED, 22-OD-LED, 24-OVHP-LED-RTK, 22-OVHP-LED-RTK

**LUMEN PACKAGES:** 2000 LUMENS  
2400 LUMENS  
3000 LUMENS  
3400 LUMENS  
4000 LUMENS  
6000LUMENS  
8000 LUMENS

**DRIVERS:** DIM10 (0-10V 1% Dimming Standard)

**VOLTAGE:** MVOLT

**CCT:** 30K, 35K, 40K, 50K

**EMERGENCY:** O-EMG-LED  
10W emergency power lasts for 90 minutes. Max. mounting height is 15-1/2'

**WARRANTY:** 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R installed in the fixture and the SU-4E-01 sensor to be installed in the ceiling or can be shipped with XSR driver and the FS-22 sensor installed in the fixture or the CS-D2 to be installed in the ceiling



**SU-4E-01**

Tile Mount Sensor



**CU-3E-1R**

Control Unit



**CS-D2**

Tile Mount Sensor



**FS-D22**

Fixture Mount Sensor



**XSR Driver**

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

\* Flat panels can only be shipped with the SU-4E-01 & CU-3E-1R for ceiling mount.



# LED Recessed Linear + Control



Choose Fixtures

<b>LUMEN OUTPUT</b>	UP to 8000 Lumens	<b>DIFFUSER</b>	Acrylic Lens
<b>CRI</b>	85+	<b>WARRANTY</b>	5 Years
<b>COLOR QUALITY</b>	3-Step MacAdam Ellipse	<b>SIZE</b>	1'x 4', 2'x 2' and 2'x4'
<b>CCT</b>	30K, 35K, 40K and 50K	<b>DIMMING</b>	1% standard Dimming



LUMEN PACKAGE **4000 | 5000 | 6000 | 8000**



LUMEN PACKAGE **2400 | 3400 | 4000 | 5000**



LUMEN PACKAGE **4000 | 5000 | 6000 | 8000**



LUMEN PACKAGE **2400 | 3400 | 4000 | 5000**



LUMEN PACKAGE **4000 | 5000 | 6000 | 8000**



LUMEN PACKAGE **2400 | 3400 | 4000**



LUMEN PACKAGE **4000 | 5000 | 6000 | 8000**



LUMEN PACKAGE **2400 | 3400 | 4000 | 5000**

# Specification

SERIES:	24-NV-LED, 22-NV-LED
	24-OVHP-LED, 22-OVHP-LED
	24-OD1V-LED, 22-OD1V-LED
	24-ODVH-LED, 22-ODVH-LED
LUMEN PACKAGES:	2000 LUMENS
	2400 LUMENS
	3000 LUMENS
	3400 LUMENS
	4000 LUMENS
	6000LUMENS
	8000 LUMENS
DRIVERS:	DIM10 (0-10V 1% Dimming Standard)
VOLTAGE:	MVOLT
CCT:	30K, 35K, 40K, 50K
EMERGENCY:	O-EMG-LED
	10W emergency power lasts for 90 minutes. Max. mounting height is 15-1/2'
WARRANTY:	5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R installed in the fixture and the SU-4E-01 sensor to be installed in the ceiling or can be shipped with XSR driver and the FS-22 sensor installed in the fixture or the CS-D2 to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit



**CS-D2**  
Tile Mount Sensor



**FS-D22**  
Fixture Mount Sensor



**XSR Driver**

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

# 1 ELITE Suspended Linear Series + Enlighted Wireless Control







**FS-D22**  
Fixture Mount Sensor

# LED Surface Mount Linear + Control



Choose Fixtures

LUMEN OUTPUT	Up to 16000 Lumens	DIFFUSER	Acrylic lens
CRI	85+	WARRANTY	5 Years
COLOR QUALITY	3-Step MacAdam Ellipse	VOLTAGE	MVOLT
CCT	27K, 30K, 35K, 40K, 50K	LENGTH	2", 4' and 8'



**OC1-LED**  
UP TO 16000L  
LED General Lighting  
Linear Curve Luminaire



**OIW-LED**  
UP TO 7000L  
LED Wrap Around



**OSMT-LED**  
UP TO 8000L  
LED Surface Mount Specification  
Grade Troffer



**OV2R-LED**  
UP TO 8000L  
LED Vandal Resistant Linear



# Specification

**SERIES:** 2-OC1-LED, 4-OC1-LED, 8-OC1-LED  
2-OIW-LED, 4-OIW-LED, 8-OIW-LED  
14-OSMT-LED, 22-OSMT-LED, 24-OSMT-LED  
4-OV2R-LED

**LUMEN PACKAGES:** 2000 LUMENS  
4000 LUMENS  
6000 LUMENS  
8000 LUMENS  
10000 LUMENS  
12000 LUMENS  
16000 LUMENS

**DRIVERS:** DIM10 (0-10V 1% Dimming Standard)

**LENGTH:** 2, 4 & 8 Feet

**VOLTAGE:** MVOLT

**CCT:** 27K, 30K, 35K, 40K, 50K

**EMERGENCY:** O-EMG-LED  
Must be ordered with CRMPF or SUM option only

**WARRANTY:** 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R installed in the fixture and the SU-4E-01 sensor to be installed in the ceiling or can be shipped with XSR driver and the FS-22 sensor installed in the fixture or the CS-D2 to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit



**CS-D2**  
Tile Mount Sensor



**FS-D22**  
Fixture Mount Sensor



**XSR Driver**

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

# 1 ELITE Wall Mount Linear Series + Enlighted Wireless Control



**FS-D22**  
Fixture Mount Sensor



**OW2B-LED**  
LED Wall/Ceiling  
Up and Down Downlight

# LED Wall Mount Linear + Control



Choose Fixtures

LUMEN OUTPUT	Up to 8000 Lumens	DIFFUSER	Acrylic Lens
CRI	85+	WARRANTY	5 Years
COLOR QUALITY	3-Step MacAdam Ellipse	VOLTAGE	MVOLT
CCT	27K, 30K, 35K, 40K, 50K	LENGTH	2', 4' and 8'



## ASW1-LED

UP TO 8000L

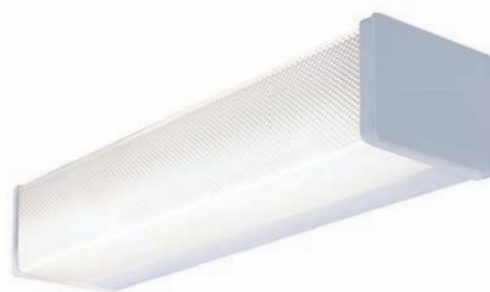
Architectural LED Linear  
Direct/Indirect (Wall Mount)



## ASW2-LED

UP TO 8000L

Architectural LED Linear  
Direct/Indirect (Wall Mount)



## OW1B-LED

UP TO 4000L

LED Wall/Ceiling Bracket



## OW2B-LED

UP TO 2000L

LED Wall/Ceiling  
Up and Down Downlight



# Specification

**SERIES:** 4-ASW1-LED, 8-ASW1-LED, 4-ASW2-LED, 8-ASW2-LED  
2-OW1B-LED, 4-OW1B-LED, 2-OW2B-LED, 4-OW2B-LED

**LUMEN PACKAGES:** 2000 LUMENS  
4000 LUMENS  
6000 LUMENS  
8000 LUMENS

**DRIVERS:** DIM10 (0-10V 1% Dimming Standard)

**VOLTAGE:** MVOLT

**CCT:** 27K, 30K, 35K, 40K, 50K

**EMERGENCY:** O-EMG-LED  
Must be ordered with CRMPF or SUM option only

**WARRANTY:** 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

Please visit spec sheet for more information at [www.iuseelite.com](http://www.iuseelite.com)

## Controls Provided by Elite Lighting

Fixture will ship with the CU-3E-1R installed in the fixture and the SU-4E-01 sensor to be installed in the ceiling or can be shipped with XSR driver and the FS-22 sensor installed in the fixture or the CS-D2 to be installed in the ceiling



**SU-4E-01**  
Tile Mount Sensor



**CU-3E-1R**  
Control Unit



**CS-D2**  
Tile Mount Sensor



**FS-D22**  
Fixture Mount Sensor



**XSR Driver**

## Controls provided by Enlighted



**Gateway**



**Switch**



**Energy Manager**

# NOTES





**elite**  
LED LIGHTING

+

**enlighted**



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Dimensions and specifications are subject to change without prior notice.

Not responsible for any typographical errors.

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