



The **Enlighted One** combines brilliant independent lighting with easy setup. **Energy optimization, task-tuned lighting behavior, and code compliance** — all in the One solution.



The Enlighted One "room-by-room" solution can be configured to different profiles and task tuned to optimize occupant comfort and energy efficiency. Configure the sensors to turn on with the Enlighted Room Control (ERC) switch or when motion is detected by any sensor in the room. Lights dim with daylight harvesting and occupants can quickly choose from preset dim levels.

Set up rooms with a few button pushes on the ERC and reconfigure the grouping or lighting behavior without wiring changes. No gateways, no servers, no mobile applications, and no wiring to the ERC is required.

**FEATURES**

**Autonomous Lighting Behavior:** Sensors adjust light levels based on occupancy, task tuning, daylight harvesting, and configurable lighting profiles.

**Manual Lighting Behavior:** The ERC switch turns lights on/off or to preset dim levels.

**Daylight Harvesting:** Fixture lights are dimmed or turned off in response to daylight. Calibrate with the press of a button.

**Occupancy or Vacancy Behavior:** Configure sensors in a room for manual-on (vacancy switch) or auto-on (occupancy switch).

**Energy Savings:** Depending on occupancy patterns and available natural light, savings may be as high as 65 percent.

**Group Sensors to ERC:** Press a few buttons on an ERC, then group sensors by strobing them with an off-the-shelf laser pointer, choose lighting behavior, and setup is complete.

**Multiple ERCs per Room:** Add ERCs at each room entry point to control room lights.

**Personalize and Reconfigure:** Customize individual light levels and easily add or remove sensors from a group anytime.

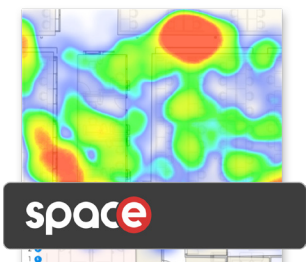
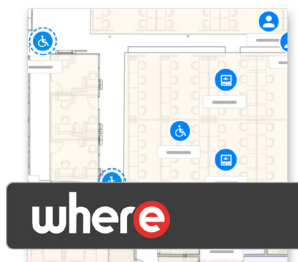
**Code Compliant & Rebate Qualified:** Out-of-box building code compliant and qualified for energy rebates.

**Easy Install:** Less labor cost compared to wired lighting solutions due to wireless communications between the ERC and sensors.

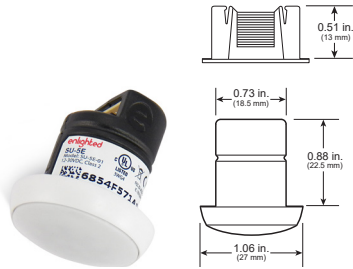
**Driver Compatibility:** Dimming and on/off control signaling for 0-10V or 2-wire DALI drivers in LED and fluorescent fixtures.

**UPGRADABLE TO IoT CAPABILITIES**

The One uses the same sensors that power Enlighted's IoT applications. Facility owners can upgrade to IoT capabilities to unleash energy reporting with hard metering, indoor location using Bluetooth, real estate analytics from occupancy sensing, Building Management System integration, BACnet and API communications, connected lighting, and more.



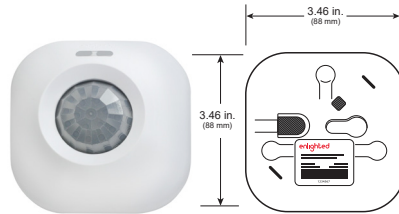
### MICRO SENSOR



Ideal for offices, medical buildings, dry labs, etc., the Micro sensor comes integrated into lighting fixtures or it can be installed in the field. A sleeve for installing into ceiling tiles is included. Mounting options for drywall ceilings and other surfaces are available separately.

Max. Install Height:  
15 ft/4.6m

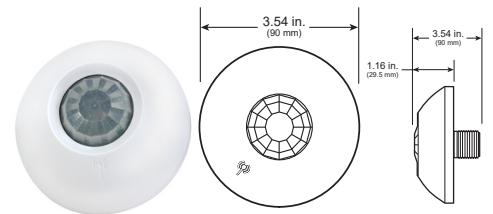
### SURFACE MOUNT SENSOR



Designed for indoors with high ceilings such as warehouses, atriums, and manufacturing facilities. A nylon threaded screw for ceiling tile or drywall mounting is included. Button and flat metal bracket mounting options are available separately.

Max. Install Height:  
50 ft/15.25m

### RUGGEDIZED SENSOR



Designed for outdoor applications such as parking structures and damp or wet locations requiring an IP65 rating. Installs into a standard 1/2 inch knockout opening. Options include bronze or white colors for standard or high bay heights.

Max. Install Height: Standard 18 ft/5.4m  
High Bay 50 ft/15.25m

Suitable for 0-10V drivers or 2-wire DALI drivers. See sensor specifications for additional details.

### MOUNTING ENLIGHTED ROOM CONTROL (ERC)

The ERC may be mounted directly on the wall or screwed into a gang box. A snap-on face plate is provided or third party face plates may be attached with screws. No wires are used. An ERC is needed for programming, but can then be reset and the fixtures will continue to function automatically.



#### BRIGHT

Tap to turn lights on  
Press and hold to gradually brighten

#### DIM

Tap to turn lights off  
Press and hold to gradually dim

#### PRESET DIM LEVELS

Tap to cycle through different dim levels

#### AUTO

Tap to cancel switch override

#### TECHNICAL SPECIFICATIONS

Maximum Fixtures per Group: 75  
Maximum ERCs per Group: 4  
Maximum Groups per Facility: Unlimited  
Number of Task Tune Levels: 4  
Number of Lighting Profiles: 4  
Number of Preset Dim Levels: 3  
Supported Sensors: All SU-5 sensors  
Supported ERC: WS-2-00-IL

**Wireless Standards:** IEEE 802.15.4  
Radio Frequency: 2400-2483.5 MHz  
Wireless open range from ERC to the closest sensor:  
Micro sensor (SU-5E): 50 ft/15m  
Surface Mount/Ruggedized sensor (SU-5S): 75ft/22m  
Wireless open range between sensors:  
Micro sensor (SU-5E): 75 ft/22m  
Surface Mount/Ruggedized sensor (SU-5S): 150 ft/45m  
Encryption: AES-128

#### ORDERING INFORMATION

**Sensors:** Refer to SU-5 sensor specifications. Specify "-IL" (Independent lighting) for the Enlighted One solution.  
**ERCs:** Specify at least one WS-2-00-IL for programming, refer to ERC specification.  
**Laser Pointer:** Use an off-the-shelf Class II green laser for programming. Order LP-1-00.

**Warranty and Compliance:** Refer to sensor and ERC specifications.