



PRODUCT CATALOG

2020

AUDACY
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT



Lighting sets the scene, heightens the mood, reinforces an attitude. It highlights the big, it brings the small to life. And when it's the perfect complement to the moment, it's seamless. It's intuitive. It's Audacy — advanced wireless lighting control that changes your space. It's packed with smart technology and can be controlled from anywhere with just a tap. That's how we give you the power to see your space, **YOUR WORLD IN A BETTER LIGHT.**



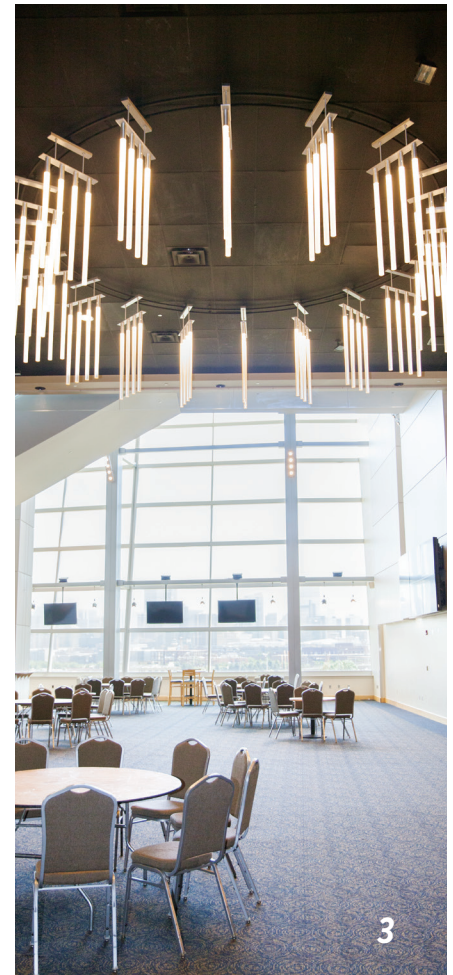
ANOTHER DEGREE OF CONTROL FOR COLORADO STATE UNIVERSITY

The engineering building at Colorado State University in Fort Collins, CO now has LED lights with dimming capabilities provided by the Audacy Wireless Controls System. This allows professors to create customized environments based on teaching preferences.



YOUR WORLD IN A BETTER LIGHT

Whether it's commercial or industrial, education or retail, healthcare or entertainment, the Audacy® system has the ability to upgrade your space through wireless lighting control. It's the smart system that takes scheduling, ambient light and occupancy into account to provide ideal lighting levels for every occasion, saving you energy and money in the process. It puts the power in your hands, through a simple and intuitive app — the power to brighten the scene,



CLOCKWISE FROM FAR LEFT:

1. The Audacy system was installed in the offices of Perkins+Will, an award-winning architectural firm.
2. Here, the system highlights the controls installed in the Chicago Cubs' Clubhouse.
3. The Denver Broncos installed the Audacy system in premium areas of their stadium.
4. An Audacy Remote Switch.
5. A Luminaire Controller is scanned in using the mobile app.

to dim the lights, to set smart schedules on a building- or even campus-wide scale. It's faster to install, it's easier to maintain, and it's more reliable than the competition and traditional systems.

Already, the Audacy® system has been installed in the clubhouses and suite levels of championship-winning professional teams, the offices of the nation's leading

particle physics lab. It's been counted on in schools and hospitals across the country, award-winning architectural offices and international investment firms — and that is only the beginning.

Each one relies on the Audacy system to bring their space to life using the top-of-the-line in energy-efficient technology.



An Audacy Ceiling-Mount Motion Sensor controls the *T-Bar LED™* by *JLC-Tech* light fixture in this installation.

WHY AUDACY®?

Workplace lighting accounts for 40% of building operation costs.

Even devices in standby mode drain electricity and account for up to 25% of total consumption.

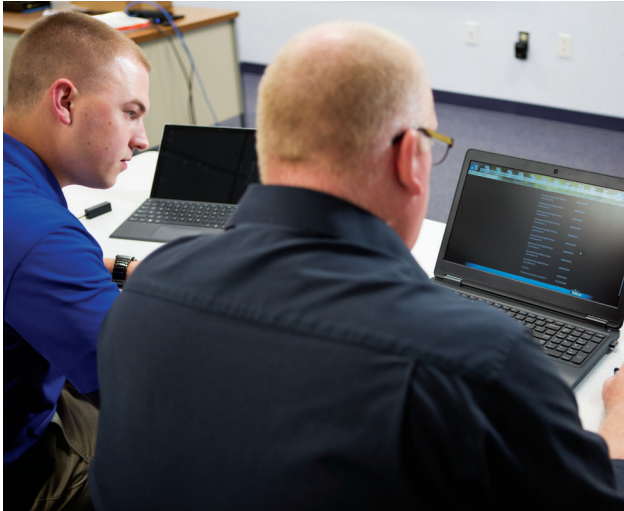
The Audacy system eliminates wasted energy and its battery operated devices have up to a 25-year maintenance free life.

Wireless lighting controls save up to 50% on commercial building lighting costs.

The Audacy system complies with the newest ASHRAE codes and CA Title 24 requirements, making the system scalable and eco-friendly.

CONTROLLING YOUR SYSTEM

TOGETHER, THESE COMPONENTS ENSURE 24/7 CUSTOM CONTROL OF YOUR ENVIRONMENT.



MANAGE ACCESS

Assign specific levels of user control to any individual employee or manager.



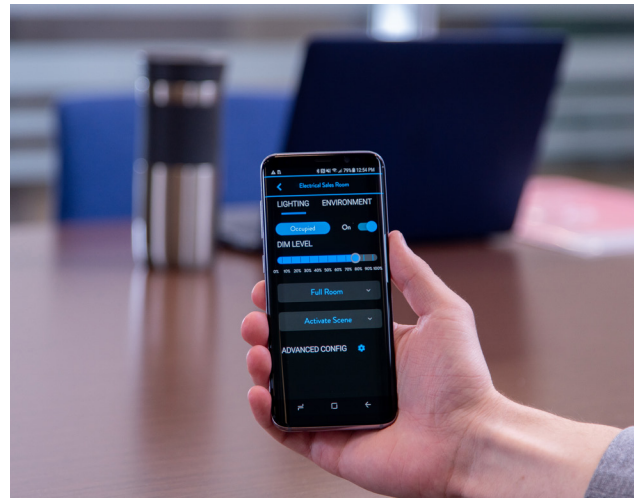
MAINTAIN FLEXIBILITY

Control your lights with the app or use an Audacy Switch to override any light setting in any specific room.



STAY IN CHARGE

Utilize consumption reports, with custom breakdowns by date range, room, or time period.



SYNC UP

Where applicable, conveniently link to your BAS (Building Automation System).



A range of custom light switches are available, offering different features. In addition to the intuitive app, users can always maintain local control.

THE AUDACY® EFFECT

SEE ALL THE WAYS THE SOLUTION CAN SAVE YOU TIME, ENERGY AND MONEY.

QUICKER INSTALLATION

& CONFIGURATION

AUDACY INSTALLATION CAN TAKE UP TO 85% LESS TIME THAN COMPETITORS.

Faster and easier to install, you save time and costs associated with build-out and renovation.

Requires fewer people and fewer man hours, lowering costs.

Like installation, switching lighting configurations is quick and simple, resulting in minimal downtime.

MORE EFFICIENT

ENERGY USAGE

STREAMLINED FEATURES GIVE YOU 24/7 CONTROL AND SAVE ENERGY COSTS OVER TIME.

Harvest as much daylight as possible by setting minimum or required light levels.

Minimize energy use in empty rooms using the system's motion sensors.

Schedule lights and plug loads based on your designated work hours.

Dim or brighten any room or room group remotely at any time.

FUTURE-PROOF DESIGN

BATTERY OPERATED DEVICES HAVE UP TO A 25-YEAR MAINTENANCE-FREE LIFE

Every Audacy component is designed for easier system modification over time, ensuring next-generation utility.

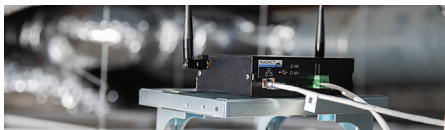
Smartphone and tablet compatibility.

Integration with Building Automation Systems ensures future system compatibility.

INSIDE THE SYSTEM

TOGETHER, THESE COMPONENTS ENSURE 24/7 CUSTOM CONTROL OF YOUR ENVIRONMENT.

SYSTEM HUB



GATEWAY

Each Gateway coordinates controllers and devices and implements all program inputs.

PRIMARY CONTROL DEVICES



LUMINAIRE CONTROLLERS

Our streamlined plug-and-play modules quickly tie every fixture into your system, and are key components in converting to the Audacy system.



LOAD CONTROLLERS

Audacy Plug Load Controllers turn off energy to wall outlets that aren't being used or are in vacant rooms, reducing wasted energy and resulting in significant savings.

SENSORS



MOTION SENSORS

These ceiling- and wall-mounted devices require no wiring and sense occupancy or vacancy, communicating with controllers to turn devices on or off.



LIGHT SENSORS

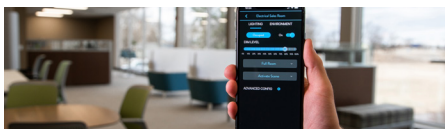
Detects ambient light in your space, allowing you to implement daylight harvesting to adjust light levels accordingly.

SWITCHES



Audacy provides a range of switches to further control your lighting, from traditional wall-mounted switches to remotes and scene switches, which have the ability to save preset lighting levels.

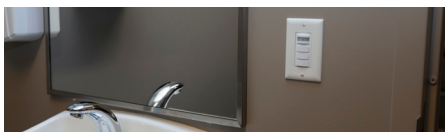
WIRELESS CONTROL



THE AUDACY APP

Upload all your devices to the Audacy system via the mobile app during installation, and instantly begin creating custom schedules and settings for your system.

STAND-ALONE SOLUTION



SINGLE ROOM CONTROLLER

Standalone or networkable device perfect for small spaces that has capabilities for on/off, 0-10V dimming and occupancy/vacancy.



EXPERIENCE THE AUDACY® SOLUTION

The Audacy System is advanced wireless lighting control that changes your space. It's a system designed to be as future-proof as it is innovative, giving you the power to see your world in a better light. And it's all from IDEAL INDUSTRIES, INC., the family-owned, professionally-managed company that's been advancing industries and providing unparalleled customer service to the trades for more than 100 years.



THE AUDACY SYSTEM FOR THE WORKPLACE

Upgrade any office space, while improving efficiencies and adding to the bottom line.

GETTING
STARTED

EXPLORE THE SYSTEM AT [AUDACYWIRELESS.COM](https://audacywireless.com)

OR CALL US TODAY FOR A CONSULTATION.

1.800.273.9989



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Each Gateway is an electronic communications device that acts as the central processing hub of the Audacity® Wireless Controls system, providing 24/7 back-and-forth communication between your Audacity Interface and on-site lighting environments.

HOW IT WORKS

The Gateway wirelessly sends lighting commands – as established via your Audacity Interface – to any light fixture equipped with an Audacity Luminaire Controller. In this way, the Gateway communicates with up to **250** system-enabled fixtures to ensure selected lights turn on, turn off or dim where and when you desire.

KNOW MORE - SPEND LESS

Each Gateway wirelessly receives and prioritizes inputs from on-site sensors, switches and Building Automation Systems. Information such as sensor data, fixture status, user overrides and energy usage is then relayed back to your Audacity Interface where it is available for your periodic review. The Audacity Gateway allows you to easily understand, via the online Interface, evolving light usage patterns. From there it's easy to adjust and maximize your system and your energy efficiency over time.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

AUDACITY BY IDEAL®: CUTTING COSTS. CUTTING EDGE.

IDEAL has been a leading manufacturer of quality electrical products for over one hundred years. Crafted at the intersection of simple and innovative, our new Audacity Wireless Controls system.

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GATEWAY

GW1100



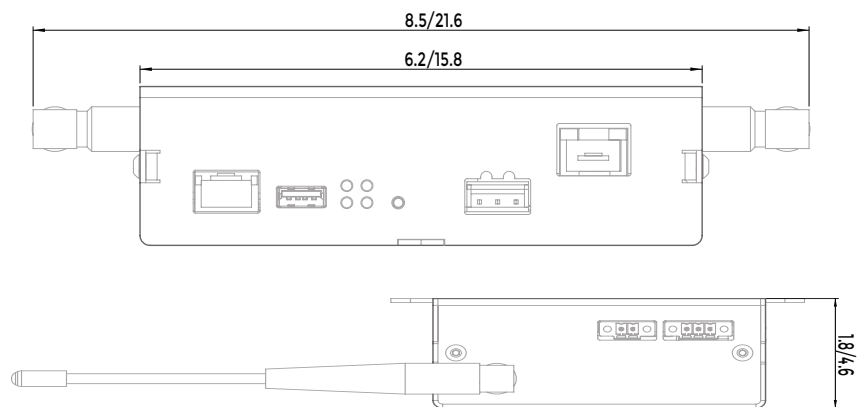
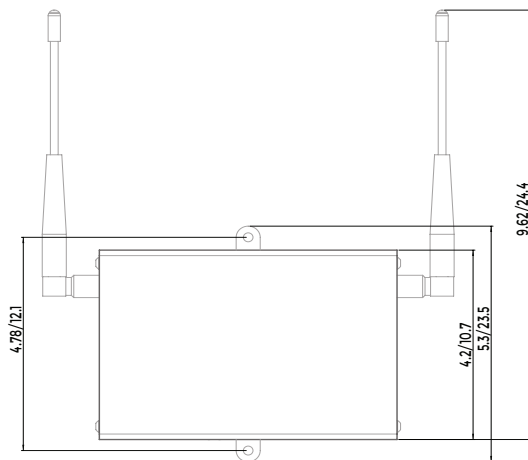
On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|----------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Dual External Antennas |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXGW1100B IC: 11250A-GW1100B UL916, Tested to UL 2043 for use in Plenum Spaces |
| Transmit Power | 22 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90 m) indoors to an Audacy Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Repeater Mode | Enabled via Audacy Interface or Gateway |
| Input Voltage | 24V AC/DC, removable terminal block |
| Configuration/Network Port | Ethernet |
| Operating Temperature | 32°F to 122°F (0°C to 50°C) |
| Storage Temperature | -4°F to 122°F (-20°C to 50°C) |
| Installation Environment | Indoor use only |
| Mounting | 2 mounting holes—vertical (wall-mount) or horizontal |
| Enclosure | Sheet Metal, UL 2043 plenum rated |
| Color | Black |
| Dimensions | 8.5" x 5.3" x 1.8", excluding antennas (215.9mm x 134.6mm x 45.7mm) |
| Weight | 16.2 oz (459g) |
| Warranty | 5 year |

| | | | | | | | |
|----------------|---------------------------|-----------------|-----------------|-----------------|-----------------|---------------|----------------|
| Catalog Number | 59-GW1100-ETHER | 59-GW1100-BACIP | 59-GW1100-BACMS | 59-GW1100-MODTC | 59-GW1100-MODRT | 59-GW1100-LON | 59-GW1100-META |
| Description | Standalone (i.e., no BAS) | BACNet® IP | BACNet® MSTP | Modbus TCP | Modbus RTU | LonWorks® | Metasys® N2 |

MECHANICAL DIMENSIONS (INCHES/CM)



AUDACY®
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT



LUMINAIRE CONTROLLER, INTERNAL-MOUNT

SCL1000

The primary components of the Audacy® Wireless Controls system, these easily-installed modules can turn on, turn off, or provide 0-10V dimming. The Luminaire Controllers quickly and easily install inside light fixtures using IDEAL-patented wire termination technology. The Audacy system provides the flexibility to control individual fixtures or groups of fixtures.

HOW IT WORKS

AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Each uses convenient push-in wire termination for quick and easy installation. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled, the range is extended even farther.

BECAUSE TIME IS MONEY

Your electrical installer simply opens the fixture, cuts the wire and clips in the Luminaire Controller. Installation time for each fixture can be as little as three minutes. A typical wired system is vastly more labor intensive and costly to install.

The Audacy Luminaire Controllers allow you to become operational faster and provide the ability to make modifications quickly over time.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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LUMINAIRE CONTROLLER, INTERNAL-MOUNT

SCL1000

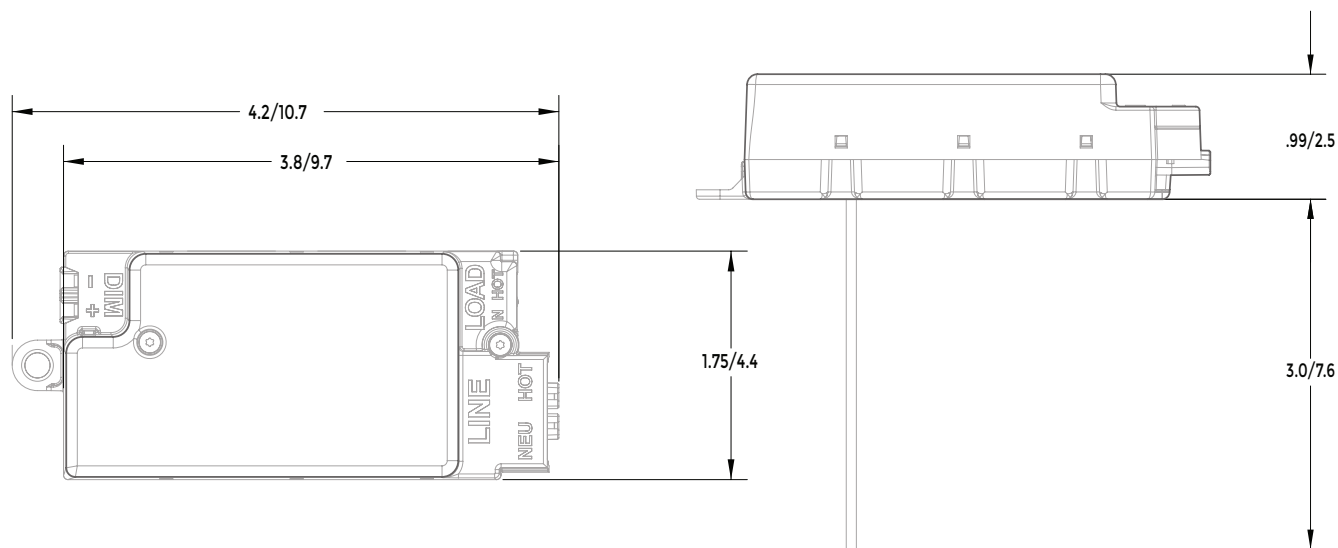


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXSCL1000 IC: 11250A-SCL1000 UL916 (Energy Management Equipment), UL2459 (Luminaire Disconnect), UL 1598B (Luminaire Retrofit Kit) CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90 m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Dimming Protocol | 0-10V (linear dimming profile) |
| Input Voltage | 120V AC |
| Rated Current | 5A |
| Rated Load Wattage | 600W@120V |
| Operating Temperature | 50°F to 158°F (10°C to 70°C) |
| Installation Environment | Indoor use only |
| Mounting | UL-Listed adhesive backing (no screws required) |
| Color | Gray |
| Dimensions | 4.67" x 1.75" x 3.94", antenna fully extended (118.6mmx44.5mmx100.1mm) |
| Weight | 3.3 oz (93.6g) |
| Warranty | 5 year |
| Catalog Number | 59-SCL1000 |
| Description | Audacy Luminaire Controller, Internal-Mount |

MECHANICAL DIMENSIONS (INCHES/CM)



AUDACY®
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT



347V LUMINAIRE CONTROLLER, INTERNAL-MOUNT

SCC1000

The primary components of the Audacity® Wireless Controls system, these easily-installed modules can turn on, turn off, or provide 0-10V dimming. 347V Luminaire Controllers quickly and easily install inside light fixtures using IDEAL-patented wire termination technology. The Audacity system provides the flexibility to control individual fixtures or groups of fixtures.

HOW IT WORKS

AC-powered 347V Audacity Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Each uses convenient push-in wire termination for quick and easy installation. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled, the range is extended even farther.

BECAUSE TIME IS MONEY

Your electrical installer simply opens the fixture, cuts the wire and clips in the Luminaire Controller. Installation time for each fixture can be as little as three minutes. A typical wired system is vastly more labor intensive and costly to install.

The Audacity Luminaire Controllers allow you to become operational faster and provide the ability to make modifications quickly over time.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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347V LUMINAIRE CONTROLLER, INTERNAL-MOUNT

SCC1000

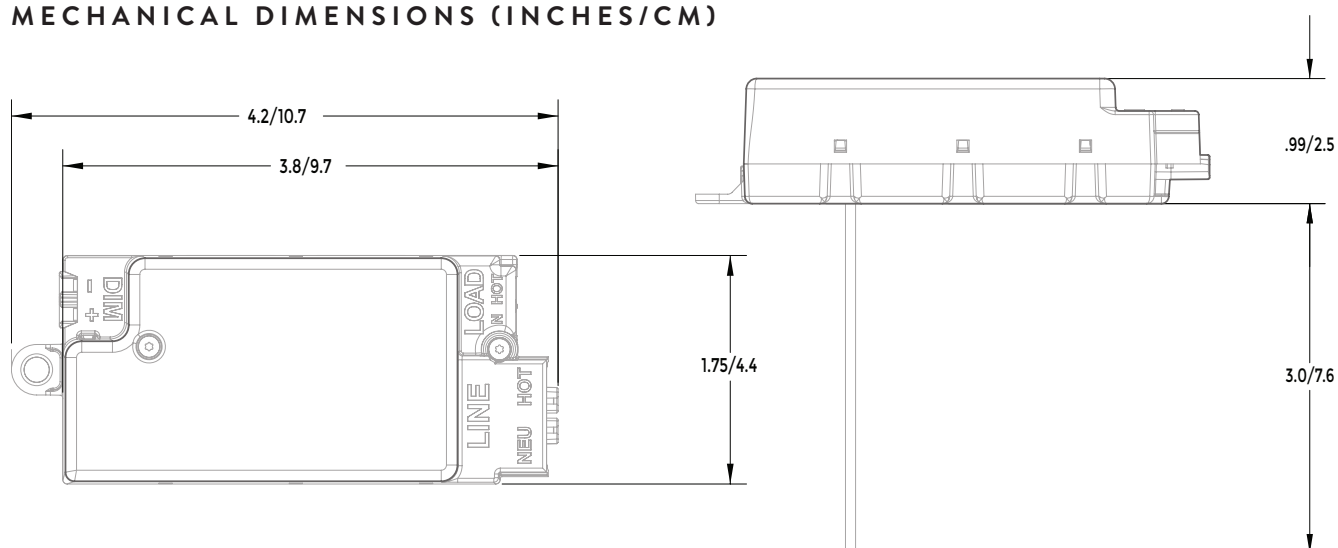


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|---|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXSCC1000 IC: 11250A-SCC1000 UL916 (Energy Management Equipment), UL2459 (Luminaire Disconnect), UL1598B (Luminaire Retrofit Kit) CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90 m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Dimming Protocol | 0-10V (linear dimming profile) |
| Input Voltage | 277V/347VAC |
| Rated Current | 5A (277VAC); 3A (347VAC) |
| Rated Load Wattage | 1385@277VAC; 1041W@347V |
| Operating Temperature | 50°F to 158°F (10°C to 70°C) |
| Installation Environment | Indoor use only |
| Mounting | UL-Listed adhesive backing (no screws required) |
| Color | Gray |
| Dimensions | 4.67" x 1.75" x 3.94", antenna fully extended (118.6mmx44.5mmx100.1mm) |
| Weight | 3.3 oz (93.6g) |
| Warranty | 5 year |
| Catalog Number | 59-SCC1000 |
| Description | Audacy® 277V/347V Luminaire Controller, Internal-Mount |

MECHANICAL DIMENSIONS (INCHES/CM)



AUDACY®
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT



120/277V LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCD1000-EM

The 120/277V External-Mounted Luminaire Controller is a junction box-mounted module that can turn on, turn off or provide a 0-10V dimming signal to an electronic dimming ballast or LED driver. The SCD1000-EM quickly and easily installs using a knock-out on a junction box or fixture and provides the ability to control individual fixtures or groups of fixtures.

HOW IT WORKS

AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Your electrical installer mounts this Luminaire Controller to a junction box through a knockout, and the wiring is completed inside the box. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled, the range is extended even farther.

BECAUSE TIME IS MONEY

When a fixture cannot accommodate an internal-mounted Luminaire Controller, an external-mounted version can be used instead. A typical wired system is vastly more labor intensive and costly to install.

The Audacy Luminaire Controllers get your system up and operational faster and can be modified over time with incredible ease.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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120/277V LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCD1000-EM

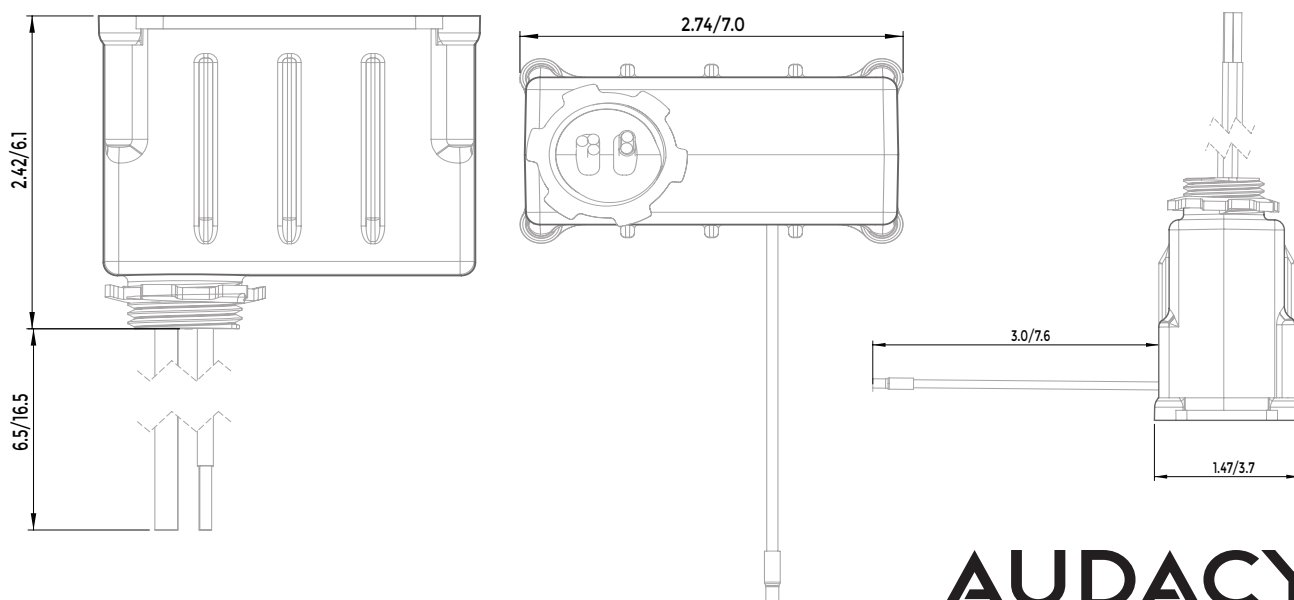


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|---|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXSCD1000EM IC: 11250A-SCD1000EM UL 916 (Energy Management Equipment), UL1598B (Luminaire Retrofit Kit), UL2043 tested - “suitable for use in air handling spaces” CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90 m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Dimming Protocol | 0-10V (linear dimming profile, meets IEC60929 Annex E) |
| Input Voltage | 120/277V AC |
| Rated Current | 5A |
| Rated Load Wattage | 600W@120V; 1385W@277V |
| Operating Temperature | 50°F to 158°F (10°C to 70°C) |
| Installation Environment | Indoor use only |
| Mounting | Directly to junction box or fixture via 1/2" knockout |
| Dimming Wire Placement | Within nipple for internal connection (linear dimming profile) |
| Color | Black |
| Dimensions | 2.74" x 2.42" x 4.2", antenna fully extended (69.6mm x 61.5mm x 106.7mm) |
| Weight | 4.6 oz (130.4g) |
| Warranty | 5 year |
| Catalog Number | 59-SCD1000-EM |
| Description | 120/277V Luminaire Controller, External-Mount |

MECHANICAL DIMENSIONS (INCHES/CM)



AUDACY®
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT



METAL LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCDMET-277

SCDMET1002

The 120V, 277V and 347V Metal Chicago Plenum-Rated Luminaire Controllers are metal-encased junction box-mounted modules that can turn on, turn off or provide a 0-10V dimming signal to an electronic dimming ballast or LED driver. The Luminaire Controllers quickly and easily install using a knock-out on a junction box or fixture and provides the ability to control individual fixtures or groups of fixtures. In addition, the Luminaire Controllers are specifically designed to adhere to the Chicago Plenum code.

HOW IT WORKS

AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Your electrical installer mounts this Luminaire Controller to a junction box through a knockout, and the wiring is completed inside the box. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled, the range is extended even farther.

BECAUSE TIME IS MONEY

A typical wired system is vastly more labor intensive and costly to install. The Audacy Luminaire Controllers get your system up and operational faster and can be modified over time with incredible ease.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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METAL LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCDMET-277

SCDMET1002

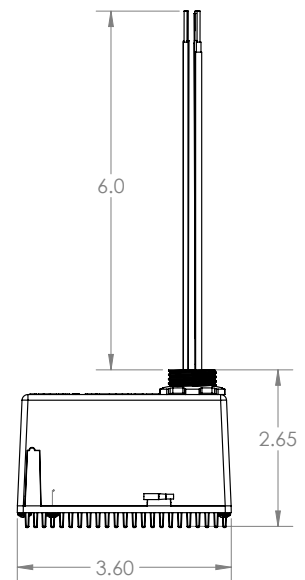
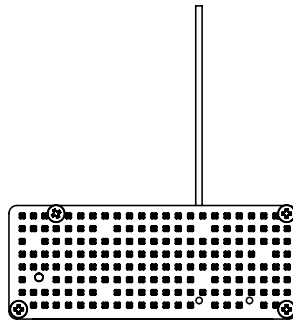
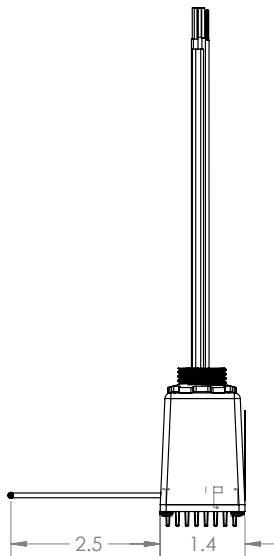


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| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXSCDMET1002 (Or SCDMET-277) IC: 11250A-SCDMET1002 (Or SCDMET-277) UL 916 (Energy Management Equipment) CCEA (Chicago Plenum) CAN/ULC-S102.2 (Canada Plenum) CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90 m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Input Voltage | SCDMET-277: 120V/240V/277V AC SCDMET1002: 347V AC |
| Rated Current | 5A |
| Rated Load Wattage | 600W@120V; 1200W@240V; 1385W@277V; 1735W@347V |
| Operating Temperature | 50°F to 158°F (10°C to 70°C) |
| Installation Environment | Indoor use only |
| Mounting | Directly to junction box or fixture via 1/2" knockout |
| Dimming Wire Placement | Within nipple for internal connection (linear dimming profile) |
| Color/Material | Silver/Aluminum |
| Dimensions | 3.6" x 1.42" x 8.65", antenna fully extended (91mm x 36mm x 220mm) |
| Weight | 4.6 oz. (130g) |
| Warranty | 5 year |
| Catalog Number | 59-SCDMET-277/59-SCDMET1002 |
| Description | Audacy® Metal Luminaire Controller, External-Mount |

MECHANICAL DIMENSIONS (INCHES)



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LINE DIMMING LUMINAIRE CONTROLLER EXTERNAL MOUNT

SCLINE1000

SCLINE-277

The Line Dimming Luminaire Controller is a junction box-mounted module that can turn on, turn off or provide triac dimming control to an incandescent, MLV, or LED driver. The SCLINE1000/SCLINE-277 quickly and easily install using a knock-out on a junction box or fixture and provide the ability to control individual fixtures or groups of fixtures.

HOW IT WORKS

AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Your electrical installer mounts this Luminaire Controller to a junction box through a knockout, and the wiring is completed inside the box. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled, the range is extended even farther.

BECAUSE TIME IS MONEY

A typical wired system is vastly more labor intensive and costly to install. The Audacy Luminaire Controllers get your system up and operational faster and can be modified over time with incredible ease.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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LINE DIMMING LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCLINE1000

SCLINE-277

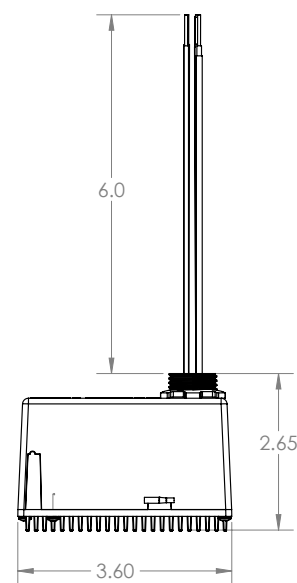
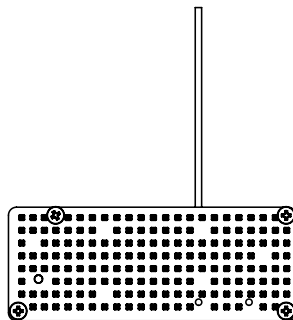
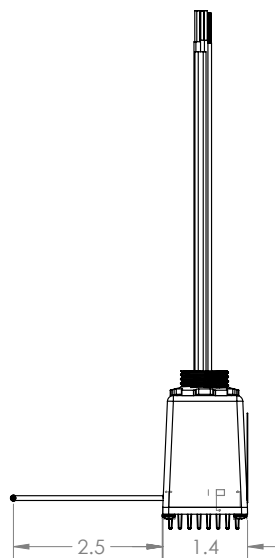


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|---|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXSCLINE1000 (Or SCLINE-277) IC: 11250A-SCLINE1000 (Or SCLINE-277) UL 916 (Energy Management Equipment) CCEA (Chicago Plenum) CAN/ULC-S102.2 (Canada Plenum) CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (100.4m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Input Voltage | SCLINE1000 - 120V AC/SCLINE-277 - 120/277V AC |
| Rated Current | 5A (120VAC) 2.1A (277VAC) |
| Rated Load Wattage | 600W |
| Operating Temperature | 50°F to 158°F (10°C to 70°C) |
| Installation Environment | Indoor use only |
| Mounting | Directly to junction box or fixture via 1/2" knockout |
| Dimming Wire Placement | Within nipple for internal connection |
| Color/Material | Silver/Aluminum |
| Dimensions | 3.6" x 1.42" x 8.65", antenna fully extended (91mm x 36mm x 220mm) |
| Weight | 4.6 oz (130.4g) |
| Warranty | 5 year |
| Catalog Number | 59-SCLINE1000/59-SCLINE-277 |
| Description | Audacy® Line Dimming Luminaire Controller, External-Mount |

MECHANICAL DIMENSIONS (INCHES)



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ELV LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCELV1000

SCELV-277

The Electronic Low Voltage Dimming External-Mounted Luminaire Controller is an AC-powered, wireless lighting control device. The SCELV1000/SCELV-277 are junction box-mounted modules that can turn on, turn off, and provide ELV dimming control to Luminaires that are using forward phase and reverse phase dimming. The controllers are programmed for forward phase dimming, and can be re-programmed for reverse phase dimming. The SCELV1000/SCELV-277 quickly and easily install using a knock-out on a junction box or fixture and provides the ability to control individual fixtures.

HOW IT WORKS

AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Your electrical installer mounts this Luminaire Controller to a junction box through a knockout, and the wiring is completed inside the box. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled, the range is extended even farther.

BECAUSE TIME IS MONEY

A typical wired system is vastly more labor intensive and costly to install. The Audacy Luminaire Controllers get your system up and operational faster and can be modified over time with incredible ease.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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ELV LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCELV1000

SCELV-277

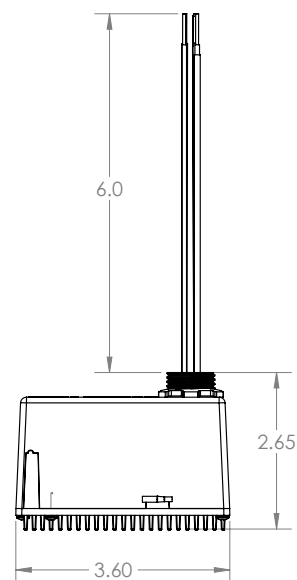
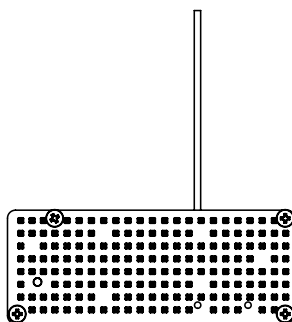
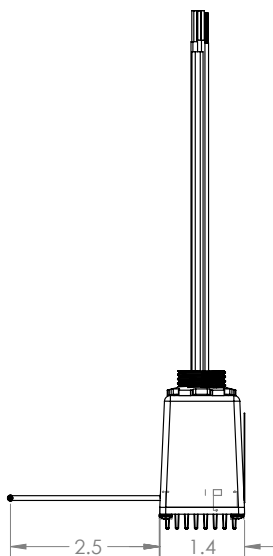


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|---|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXSCELV1000 (Or SCELV-277) IC: 11250A-SCELV1000 (Or SCELV-277) UL 916 (Energy Management Equipment) CCEA (Chicago Plenum) CAN/ULC-S102.2 (Canada Plenum) CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90 m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Input Voltage | SCELV1000 - 120V AC/SCELV-277 - 120/277V AC |
| Rated Current | 5A@120VAC, 2.1A@277VAC |
| Rated Load Wattage | 600W |
| Operating Temperature | 10°C to 70°C (50°F to 158°F) |
| Installation Environment | Indoor use only |
| Mounting | Directly to junction box or fixture via 1/2" knockout |
| Dimming Wire Placement | Within nipple for internal connection |
| Color/Material | Silver/Aluminum |
| Dimensions | 3.6" x 1.42" x 8.65", antenna fully extended (91mm x 36mm x 220mm) |
| Weight | 4.6 oz. (130.4g) |
| Warranty | 5 year |
| Catalog Number | 59-SCELV1000/ 59-SCELV-277 |
| Description | Audacy® Electronic Low Voltage Dimming Luminaire Controller, External-Mount |

MECHANICAL DIMENSIONS (INCHES)



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20A LUMINAIRE CONTROLLER

LCE20A1000

The 20A Luminaire Controller is a junction box-mounted module that can turn on, turn off or provide a 0-10V dimming signal to an electronic dimming ballast or LED driver. The LCE20A1000 quickly and easily installs using a knock-out on a junction box or fixture and provides the ability to control individual fixtures or groups of fixtures.

HOW IT WORKS

AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Your electrical installer mounts this Luminaire Controller to a junction box through a knockout, and the wiring is completed inside the box. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled, the range is extended even farther.

BECAUSE TIME IS MONEY

A typical wired system is vastly more labor intensive and costly to install. The Audacy Luminaire Controllers get your system up and operational faster and can be modified over time with incredible ease.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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20A LUMINAIRE CONTROLLER

LCE20A1000



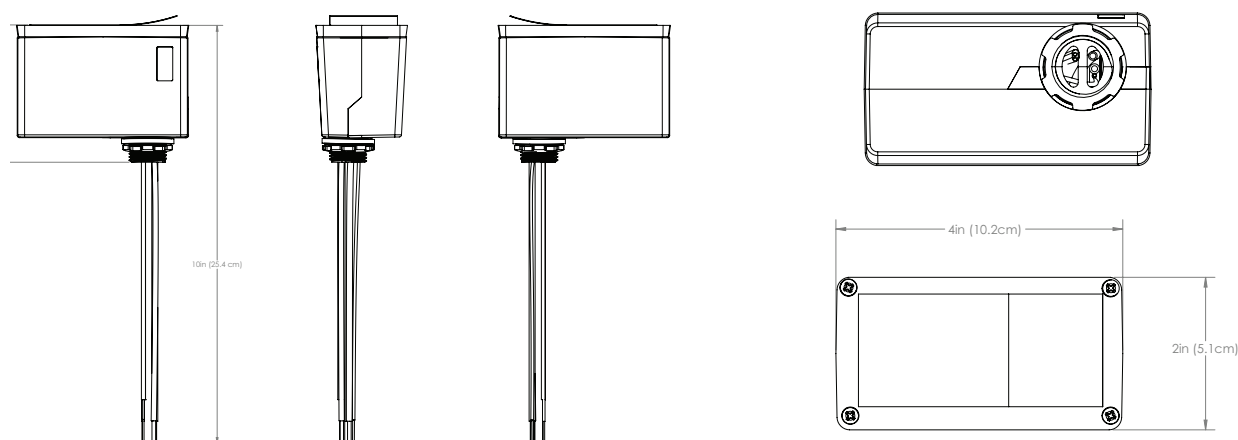
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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|---|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXLCE20A1000 IC: 11250A-LCE20A1000 UL 916 (Energy Management Equipment) CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90 m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Dimming Protocol | 0-10V (linear dimming profile, meets IEC60929 Annex E) Maximum Sourcing = 20 mA, Sinking = 100 mA |
| Input Voltage | 120V/277 VAC |
| Rated Current | 20A - Incandescent load, 16 Amps LED Driver or Electronic Ballast load |
| Rated Load Wattage | 2400W@120V; 5540W@277VAC |
| Operating Temperature | -40°F to 158°F (-40°C to 70°C) |
| Installation Environment | Indoor/outdoor use (IP65 enclosure rated* for use in outdoor applications) |
| Mounting | Directly to junction box or fixture via 1/2" knockout |
| Dimming Wire Placement | Within nipple for internal connection (linear dimming profile) |
| Color | Black |
| Dimensions | 4 in. (10.2 cm) x 2 in. (5.1 cm) x 10 in. (25.4 cm) |
| Weight | 4.6 oz (130.4g) |
| Warranty | 5 year |
| Catalog Number | 59-LCE20A1000 |
| Description | 20A Luminaire Controller, External-Mount |

*Protected from total dust ingress. Protected from low pressure water jets from any direction as indicated in IP65 rating chart by: www.dsmt.com/resources/ip-rating-chart/

MECHANICAL DIMENSIONS (INCHES/CM)



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CEILING-MOUNT MOTION SENSOR

VSC1300

The Ceiling-Mount Motion Sensor is a battery-powered, passive infrared motion sensor that can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences input into the Audacy system. The VSC1300 requires no wiring and has a 25-year battery life.

HOW IT WORKS

The Audacy Ceiling-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Operating in the highly reliable 915 MHz spectrum, the Ceiling-Mount versions of the Audacy Motion Sensors require no wiring and can be placed virtually anywhere a motion sensor is desired, for convenience or coverage.

PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacy Interface inform the system that determines which groups of light fixtures – equipped with Audacy Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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CEILING-MOUNT MOTION SENSOR

VSC1300

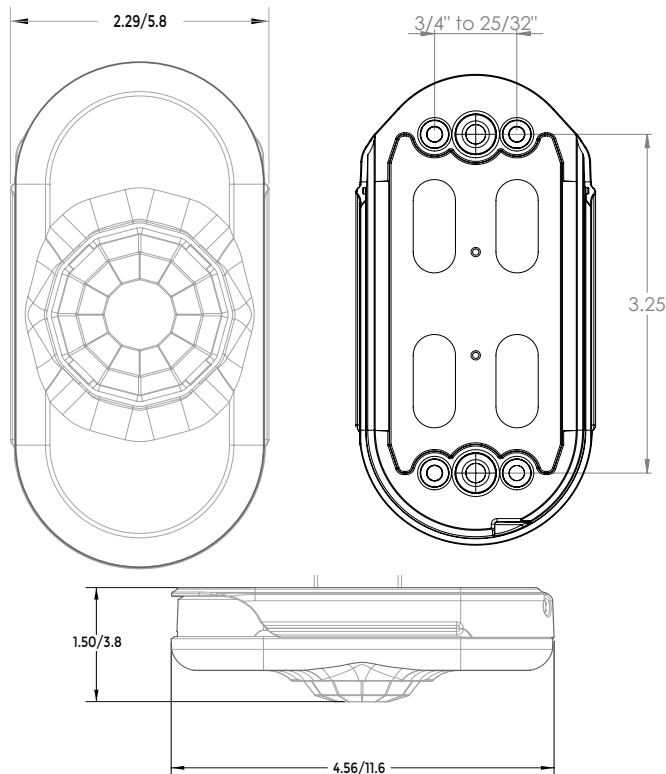


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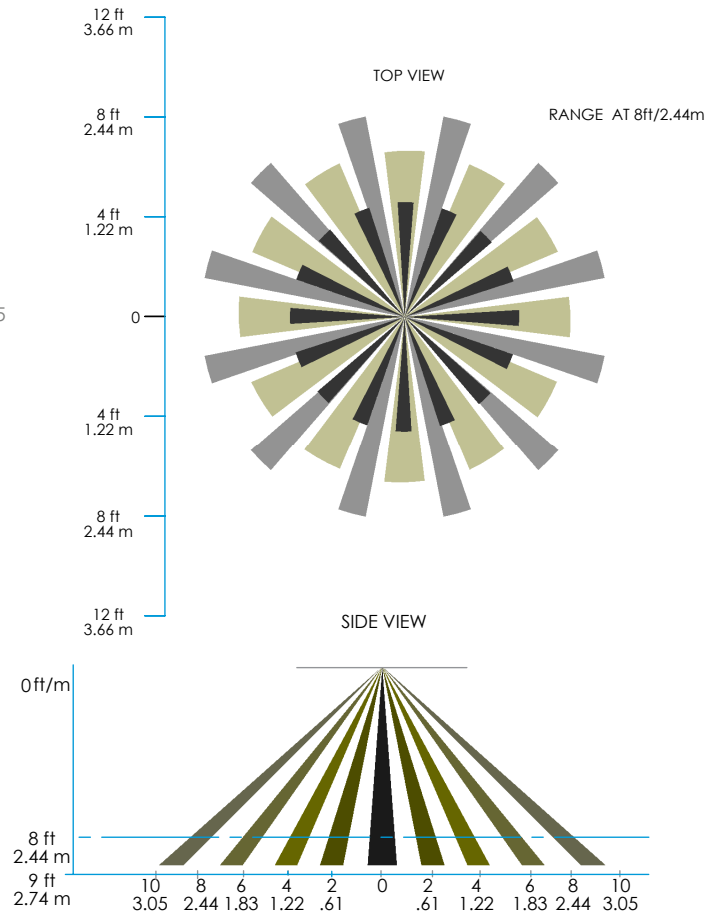
SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXVSC1300 IC: 11250A-VSC1300 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Coverage Area | 250 sq ft. (23 m ²) |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Sensor Technology | Passive Infrared |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-VSC1300 |
| Description | Audacy® Ceiling-Mount Motion Sensor |

MECHANICAL DIMENSIONS (INCHES/CM)



COVERAGE PATTERN (FT & M)





WIDE-RANGE CEILING-MOUNT MOTION SENSOR

VSC1301

The Wide-Range Ceiling-Mount Motion Sensor is a battery-powered, passive infrared motion sensor that can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences input into the Audacity system. The VSC1301 requires no wiring and has a 25-year battery life.

HOW IT WORKS

The Audacity Ceiling-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Operating in the highly reliable 915 MHz spectrum, the Ceiling-Mount versions of the Audacity Motion Sensors require no wiring and can be placed virtually anywhere a motion sensor is desired, for convenience or coverage.

PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacity Interface inform the system that determines which groups of light fixtures – equipped with Audacity Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day. Compared to the VSC1300, the VSC1301 has a coverage area of approximately 1500 square feet.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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WIDE-RANGE CEILING-MOUNT MOTION SENSOR

VSC1301

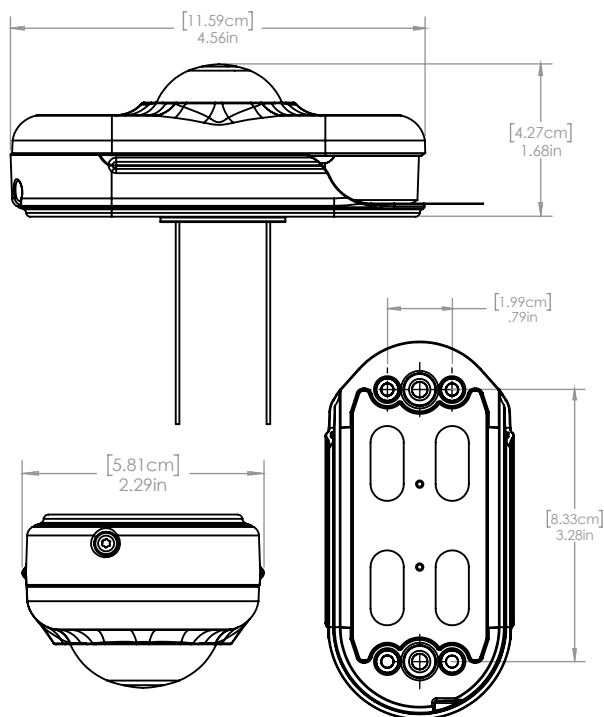


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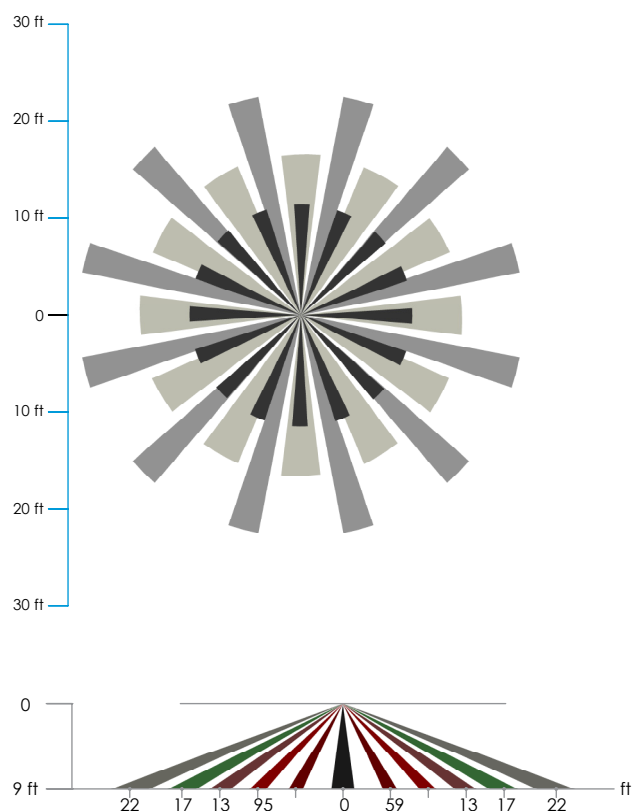
SPECIFICATIONS

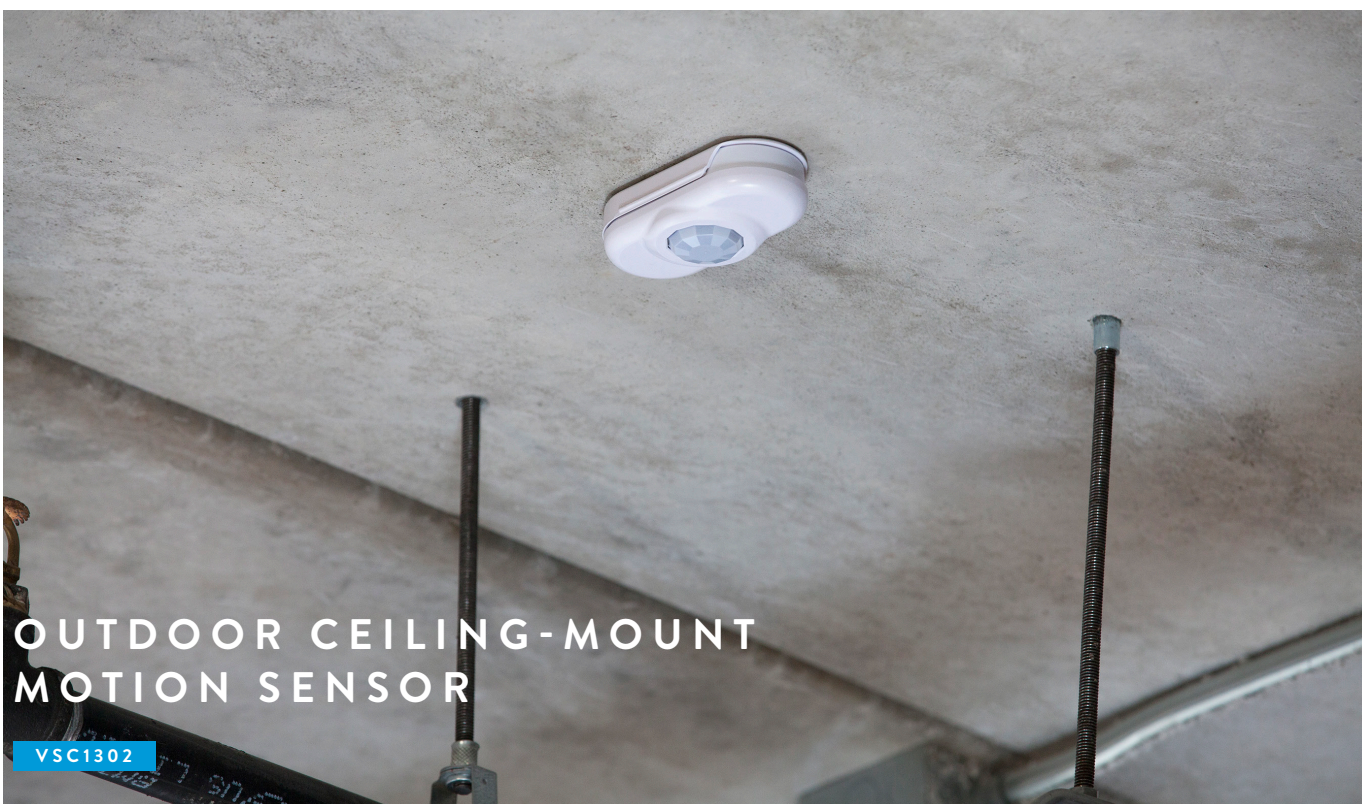
| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXVSC1301 IC: 11250A-VSC1301 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Coverage Area | 1500 sq ft. (140m ²) |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Sensor Technology | Passive Infrared |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-VSC1301 |
| Description | Audacy® Wide-Range Ceiling-Mount Motion Sensor |

MECHANICAL DIMENSIONS (IN & CM)



COVERAGE PATTERN (FT)





OUTDOOR CEILING-MOUNT MOTION SENSOR

VSC1302

The outdoor rated Ceiling-Mount Motion Sensor is a battery-powered, passive infrared motion sensor that can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences input into the Audacity system. The VSC1302 requires no wiring and has a 25-year battery life.

HOW IT WORKS

The Audacity Ceiling-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Operating in the highly reliable 915 MHz spectrum, the Ceiling-Mount versions of the Audacity Motion Sensors require no wiring and can be placed virtually anywhere a motion sensor is desired, for convenience or coverage.

PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacity Interface inform the system that determines which groups of light fixtures – equipped with Audacity Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day. The outdoor- rated version of the motion sensor is ideal for garage applications.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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OUTDOOR CEILING-MOUNT MOTION SENSOR

VSC1302

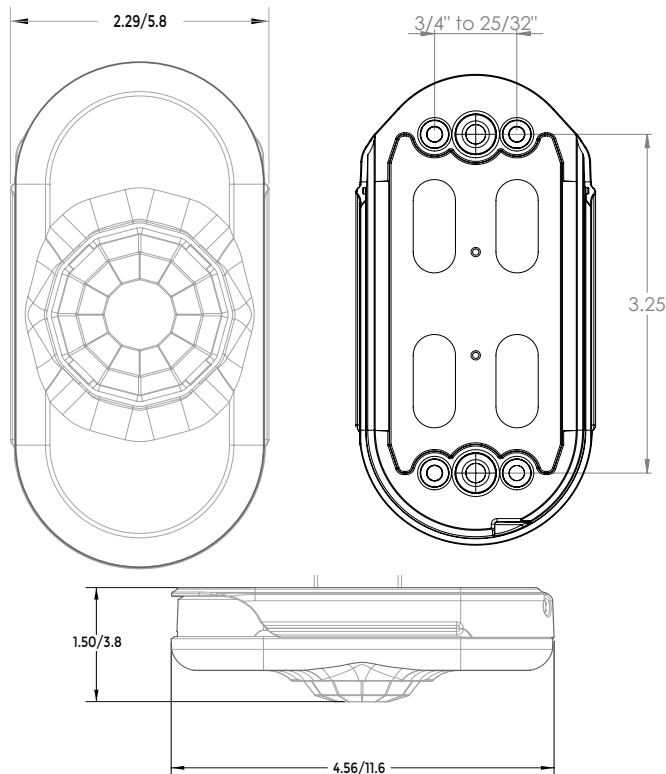


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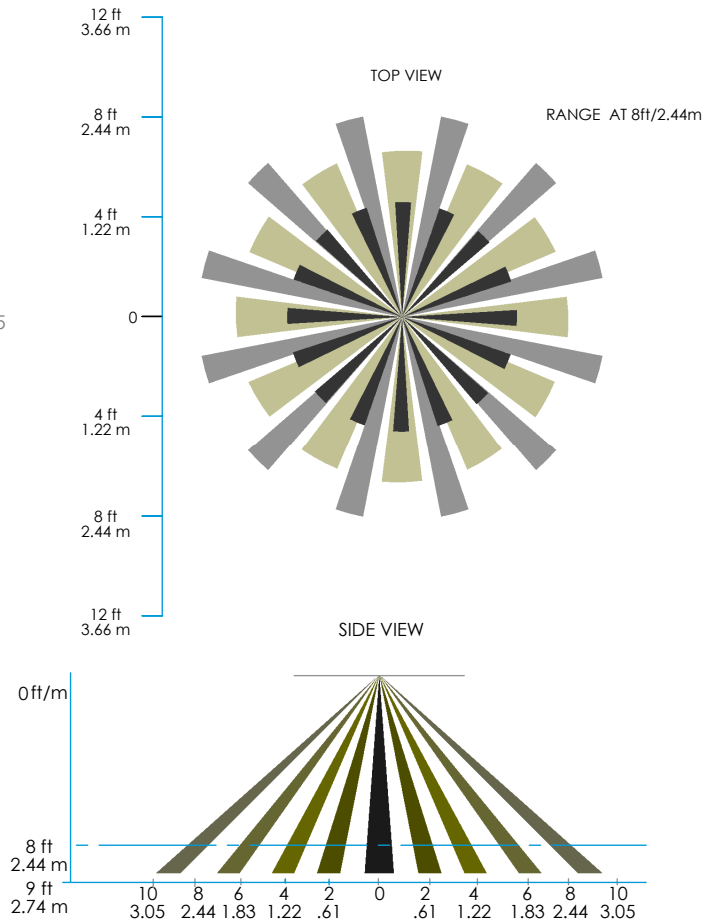
SPECIFICATIONS

| ITEM | DESCRIPTION |
|------------------------------------|---|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXVSC1302 IC: 11250A-VSC1302 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors/outdoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Coverage Area | 250 sq ft. (23 m ²) |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | -40°C to 70°C (-40°F to 158°F)* *Battery life may be reduced if operated at higher temperatures |
| Sensor Technology | Passive Infrared |
| Installation Environment/IP Rating | Indoor/Outdoor - IP65 Tested for Outdoor Applications |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-VSC1302 |
| Description | Audacy® Outdoor Ceiling-Mount Motion Sensor |

MECHANICAL DIMENSIONS (INCHES/CM)



COVERAGE PATTERN (FT & M)





WALL-MOUNT MOTION SENSOR

VSW1300

The Wall-Mount Motion Sensor is a battery-powered, passive infrared motion sensor that can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences input into the Audacy system. The VSW1300 requires no wiring and has a 25-year battery life.

HOW IT WORKS

The Audacy Wall-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Operating in the highly reliable 915 MHz spectrum, the Wall-Mount versions of the Audacy Motion Sensors require no wiring and can be placed virtually anywhere a motion sensor is desired, for convenience or coverage.

PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacy Interface inform the system that determines which groups of light fixtures – equipped with Audacy Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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WALL-MOUNT MOTION SENSOR

VSW1300

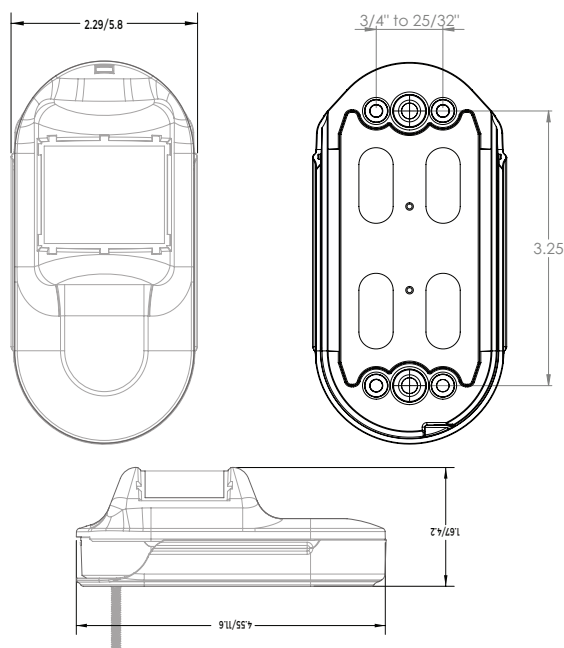


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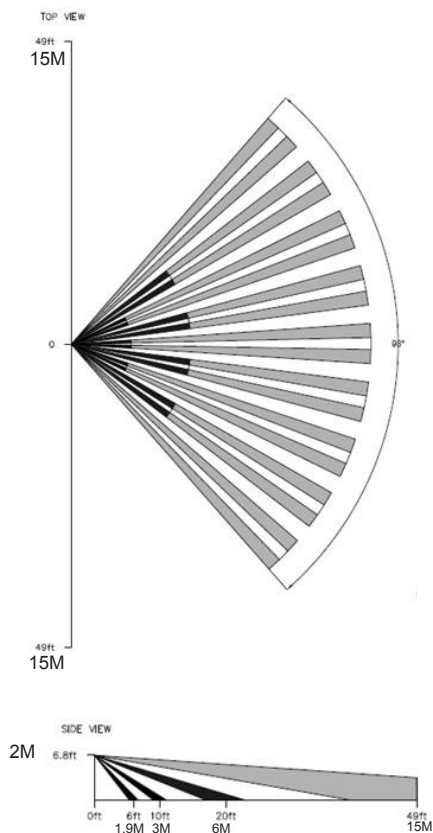
SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXVSW1300 IC: 11250A-VSW1300 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Sensor Technology | Passive Infrared |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.55" x 2.29" x 1.67" (115.82mm x 58.17mm x 24.42mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-VSW1300 |
| Description | Audacy® Wall-Mount Motion Sensor |

MECHANICAL DIMENSIONS (INCHES/CM)



COVERAGE PATTERN (FT & M)





HIGH BAY MOTION SENSOR

HBS1302

The High Bay Motion Sensor is a battery-powered, passive infrared motion sensor that can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences input into the Audacity system. The HBS1302 requires no wiring and has a 25-year battery life.

HOW IT WORKS

The Audacity High Bay Motion Sensor detects movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Operating in the highly reliable 915 MHz spectrum, the High Bay versions of the Audacity Motion Sensors require no wiring and can be placed virtually anywhere a motion sensor is desired, for convenience or coverage at heights up to 40 feet (13.7 meters).

PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacity Interface inform the system that determines which groups of light fixtures – equipped with Audacity Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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HIGH BAY MOTION SENSOR

HBS1302

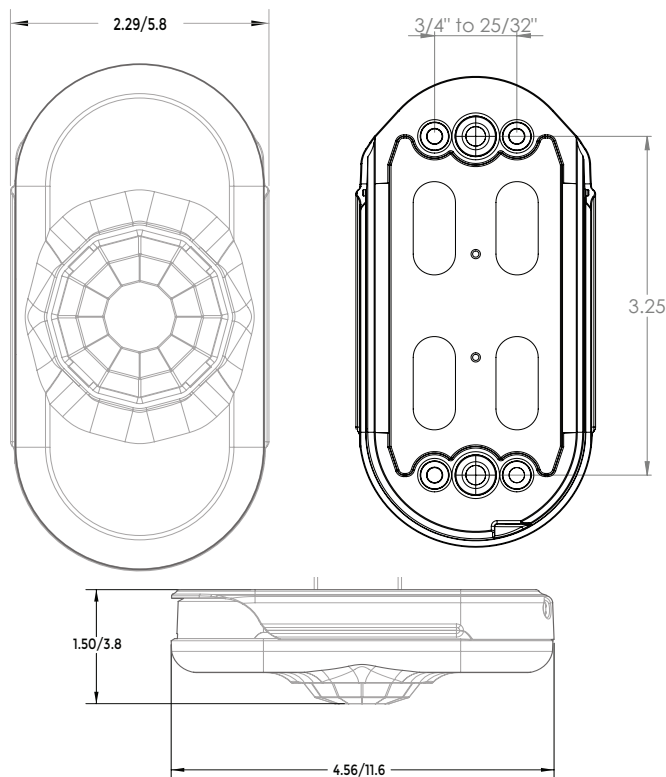


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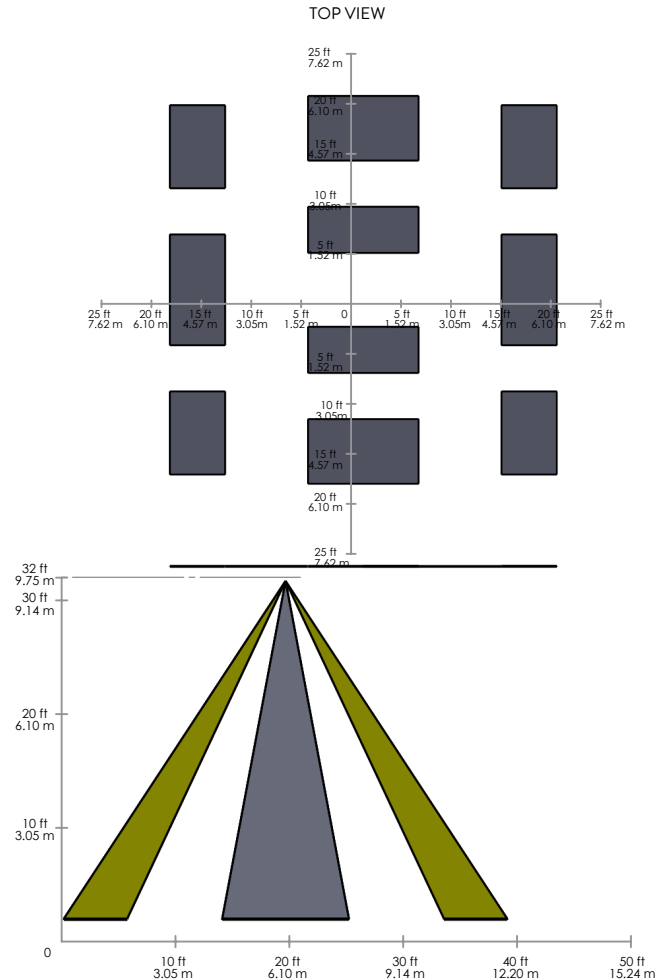
SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXHBS1302 IC: 11250A-HBS1302 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Coverage Area | 1,500 sq ft. (464.5m ²) |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Sensor Technology | Passive Infrared |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Maximum Ceiling Height | 40 ft. (13.7 m) |
| Catalog Number | 59-HBS1302 |
| Description | Audacy® High Bay Motion Sensor |

MECHANICAL DIMENSIONS (INCHES/CM)



COVERAGE PATTERN (FT & M)





RECESSED CEILING-MOUNT MOTION SENSOR

VSC1303

The Recessed Ceiling-Mount Motion Sensor is a battery-powered, passive infrared motion sensor that can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences input into the Audacy system. The VSC1303 requires no wiring and has a 25-year battery life.

HOW IT WORKS

The Audacy Recessed Ceiling-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Operating in the highly reliable 915 MHz spectrum, the Recessed Ceiling-Mount versions of the Audacy Motion Sensors require no wiring and can be placed virtually anywhere a motion sensor is desired, for convenience or coverage.

PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacy Interface inform the system that determines which groups of light fixtures – equipped with Audacy Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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RECESSED CEILING-MOUNT MOTION SENSOR

VSC1303



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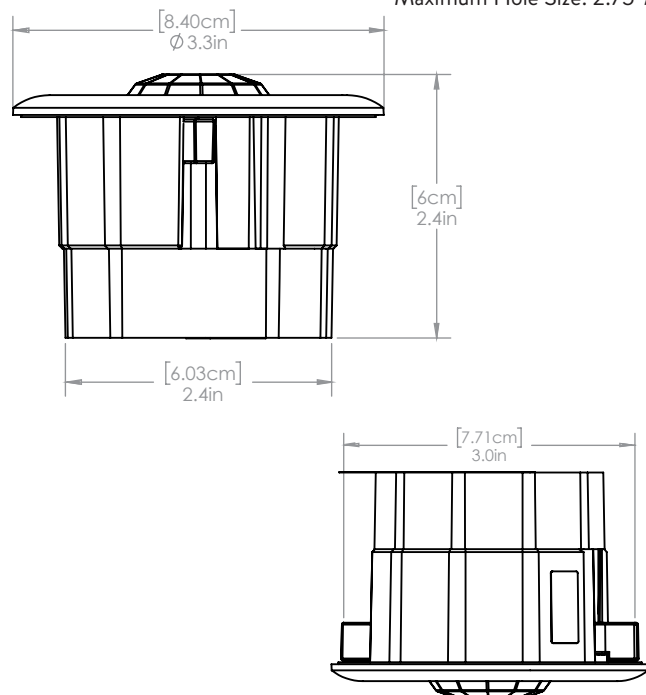
SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXVSC1303 IC: 11250A-VSC1303 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Coverage Area | 250 sq ft. (23 m ²) |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Sensor Technology | Passive Infrared |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-VSC1303 |
| Description | Audacy® Recessed Ceiling-Mount Motion Sensor |

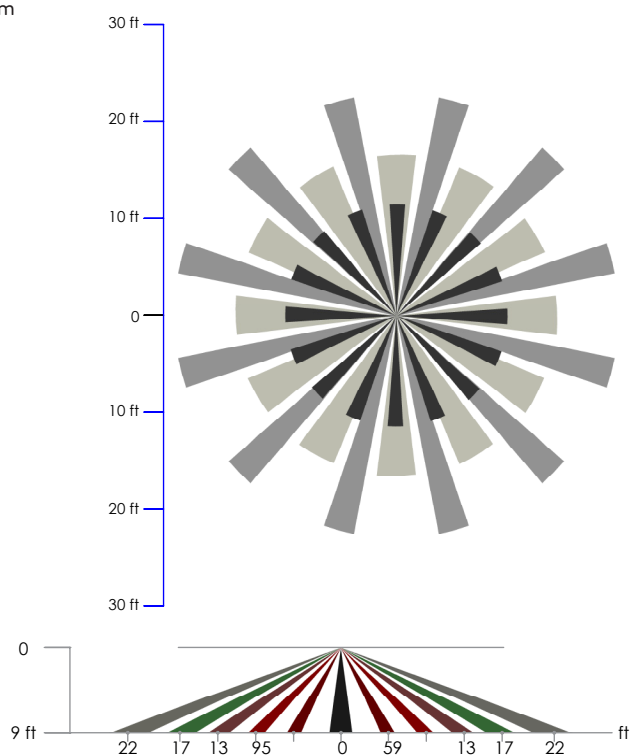
MECHANICAL DIMENSIONS (IN & CM)

Through Hole Required: 2.5"/64 mm

Maximum Hole Size: 2.75"/70 mm



COVERAGE PATTERN (FT)





ROOM PARTITION SENSOR

RPS2000

The Audacy® Room Partition Sensor uses exclusive maintenance-free technology to wirelessly communicate to the Gateway to allow different scenes and occupancy configurations when a room partition is present.

SIMPLICITY IS THE RULE

The Audacy Room Partition Sensor is wireless and simple to install anywhere. The innovative contact closure mechanism inside the sensor will enable the lighting environment to change when a partition is present. The Audacy Partition Sensor operates in the highly reliable 915 MHz spectrum.

BECAUSE TIME IS MONEY

As with all Audacy Wireless Controls system components, the Audacy Room Partition Sensor vastly reduces installation time and costs versus a typical wired system alternative. The sensor has flexibility in that it only requires a contact closure signal which is attached via a low voltage 2-conductor cable.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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ROOM PARTITION SENSOR

RPS2000

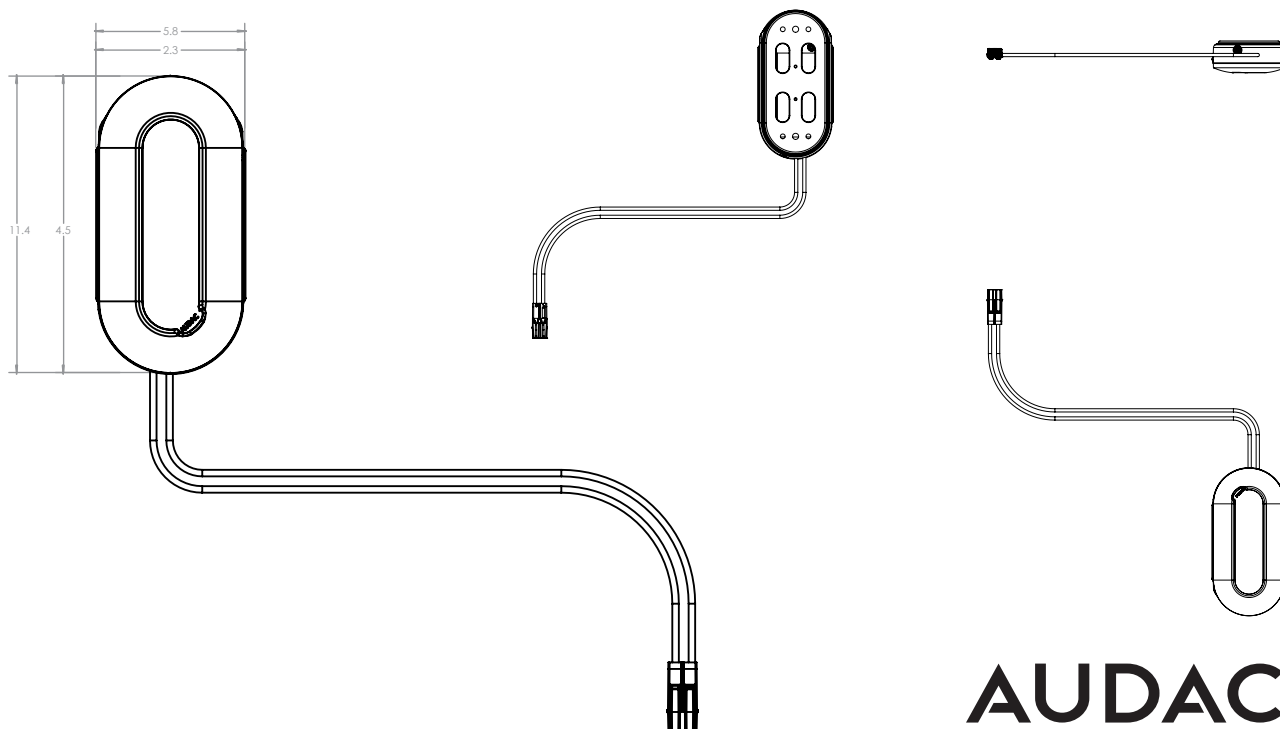


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXRPS2000 IC: 11250A-RPS2000 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Contact Closure | 2-wire terminal block connections inside unit |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-RPS2000 |
| Description | Audacy® Room Partition Sensor |

MECHANICAL DIMENSIONS (IN & CM)



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DUAL-TECHNOLOGY SENSOR

VDT1300

The Audacity® Dual-Technology Sensor is an AC line-powered, passive infrared and ultrasonic motion sensor. It can be used to detect occupancy and/or vacancy. The VDT1300 sends commands to control light fixtures equipped with Audacity Luminaire Controllers. Individual fixture control is available as well. The VDT1300 is mounted in the ceiling on a junction box.

HOW IT WORKS

The Audacity Dual-Technology Sensor detects movement via sensitive infrared and ultrasonic technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Like any other Audacity component, The VDT1300 operates in the highly reliable 915 MHz spectrum.

PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacity Interface inform the system that determines which groups of light fixtures – equipped with Audacity Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day. Accompanied by Audacity switches (wall-mount, scene, or remote), users have control.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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DUAL-TECHNOLOGY SENSOR

VDT1300



On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXVDT1300 IC: 11250A-VDT1300 CSA-C22.2 No. 205-12, Signal Equipment |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 120/277VAC |
| Operating Temperature | -4°F to 122°F (-20°C to 50°C) |
| Sensor Technology | Passive Infrared and Ultrasonic (Adjustable range - Notes on pg. 2) |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82 x 58.17 x 24.13 mm) |
| Weight | 3.0 oz (85.05g) |
| Warranty | 5 year |
| Catalog Number | 59-VDT1300 |
| Description | Audacy® Dual-Technology Sensor |

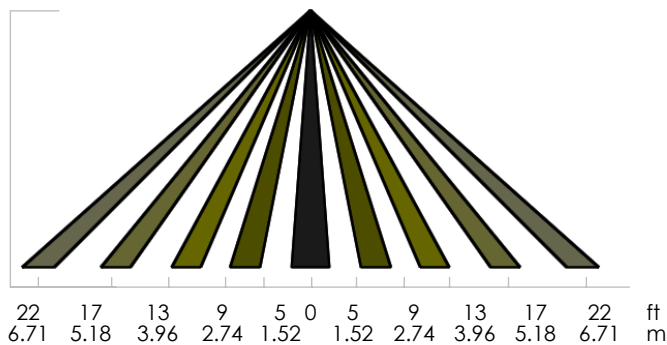
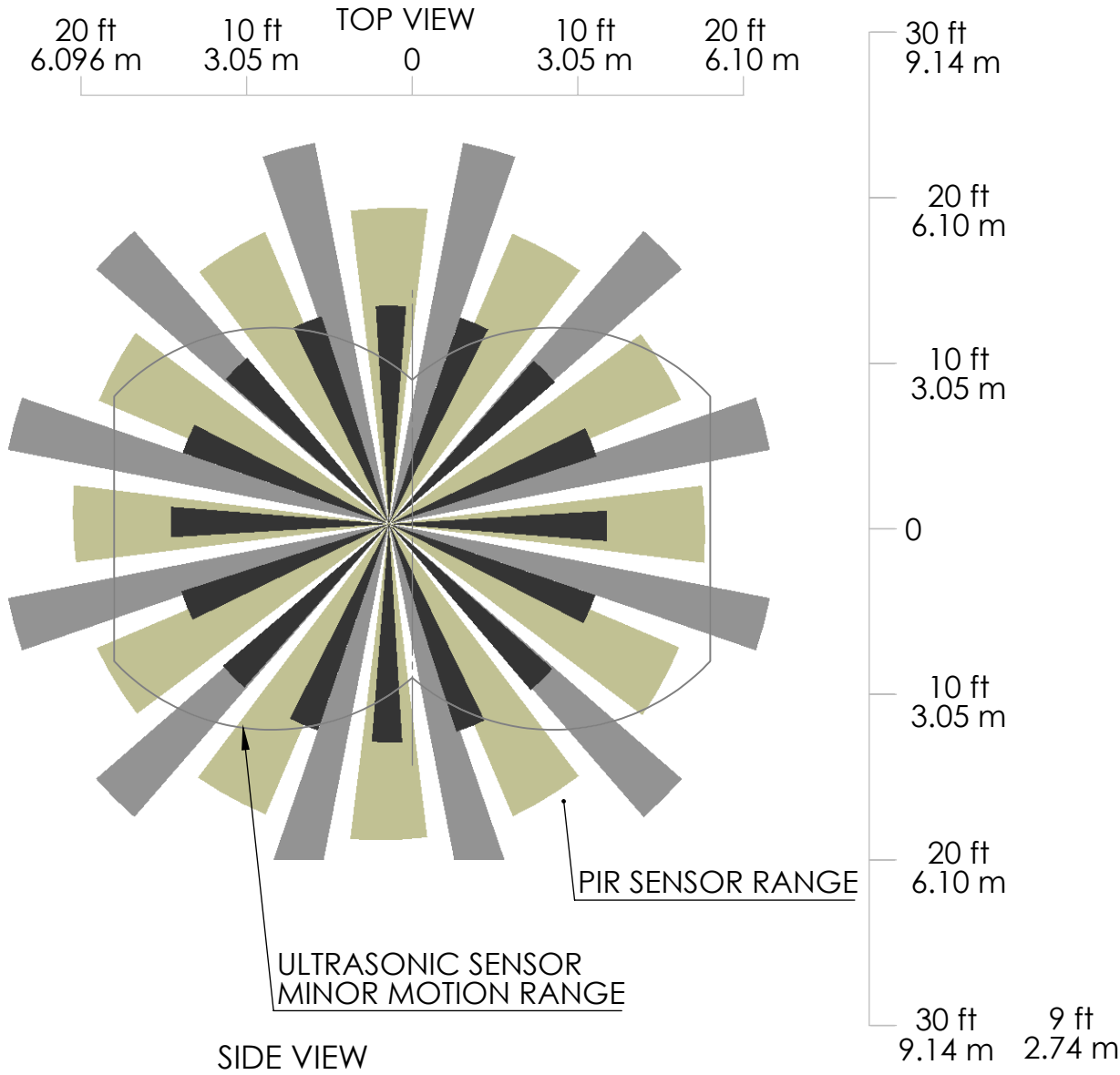
DUAL-TECHNOLOGY SENSOR

VDT1300



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COVERAGE PATTERN (FT & M)



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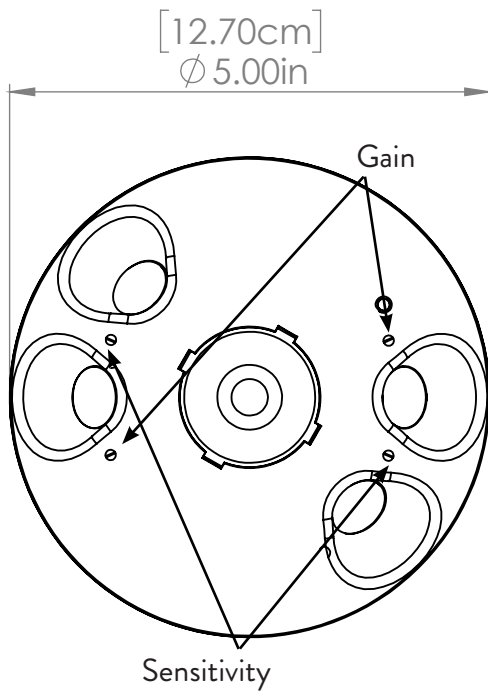
DUAL-TECHNOLOGY SENSOR

VDT1300

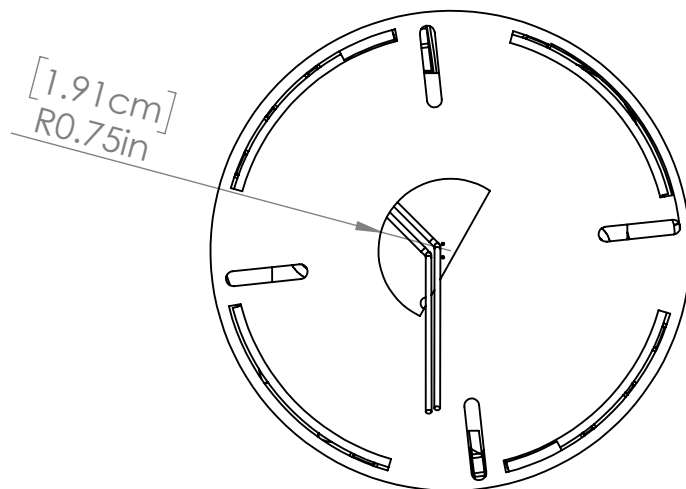
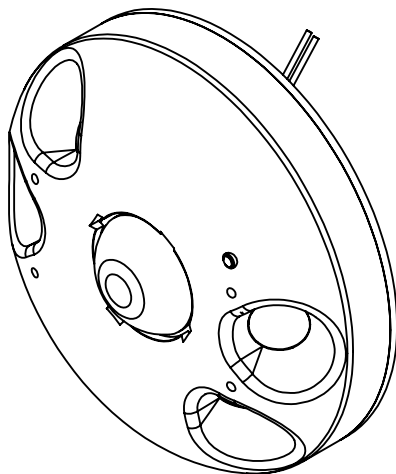
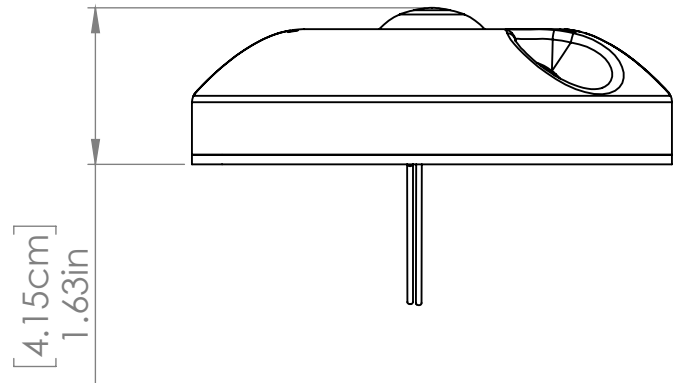


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MECHANICAL DIMENSIONS (IN & CM)



- Default setting for Gain and Sensitivity: 50%
- Best setting for most areas
- Settings may be adjusted if necessary but recommended to keep Gain at default while slowly adjusting Sensitivity.
- Turning Sensitivity setting:
 - Clockwise: Increases Motion Detection range
 - Counter-Clockwise: Decreases Motion Detection range



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LIGHT SENSOR

LS1400

The Audacy® Light Sensor is used to detect ambient light in a space, providing daylight harvesting capabilities. Operating in the highly reliable 915 MHz spectrum, the Light Sensor requires no wiring, has a 25-year battery life, and wirelessly sends ambient light measurements to the Gateway for closed-loop daylight harvesting operation.

HOW IT WORKS

Your inputs to the Audacy Interface determine which groups of light fixtures – equipped with Audacy Luminaire Controllers – dim or brighten based on ambient light throughout the day.

ADAPTABILITY AT YOUR FINGERTIPS

As with all Audacy Wireless Controls system components, the Audacy Light Sensors vastly reduce installation time and costs versus a typical wired system alternative. You even have the flexibility to place it anywhere you choose, because there are no wires to run.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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LIGHT SENSOR

LS1400

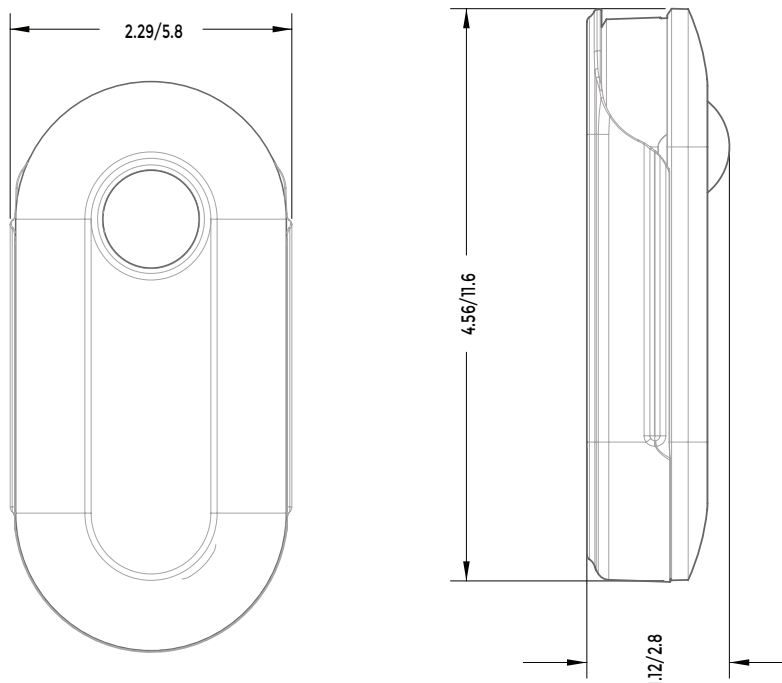


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXLS1400 IC: 11250A-LS1400 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to Audacy Gateway or Luminaire Controller in typical commercial office building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Light Level | 0–2500 lux (0–232 fc) |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 1.12" (115.82mm x 58.17mm x 28.45mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-LS1400 |
| Description | Audacy® Light Sensor |

MECHANICAL DIMENSIONS (INCHES/CM)



AUDACY®
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The Audacy® Recessed Light Sensor is used to detect ambient light in a space, providing daylight harvesting capabilities. Operating in the highly reliable 915 MHz spectrum, the Recessed Light Sensor requires no wiring, has a 25-year battery life, and wirelessly sends ambient light measurements to the Gateway for closed-loop daylight harvesting operation.

HOW IT WORKS

Your inputs to the Audacy Interface determine which groups of light fixtures – equipped with Audacy Luminaire Controllers – dim or brighten based on ambient light throughout the day.

ADAPTABILITY AT YOUR FINGERTIPS

As with all Audacy Wireless Controls system components, the Audacy Recessed Light Sensors vastly reduce installation time and costs versus a typical wired system alternative. You even have the flexibility to place it anywhere you choose, because there are no wires to run.

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RECESSED LIGHT SENSOR

LS1403

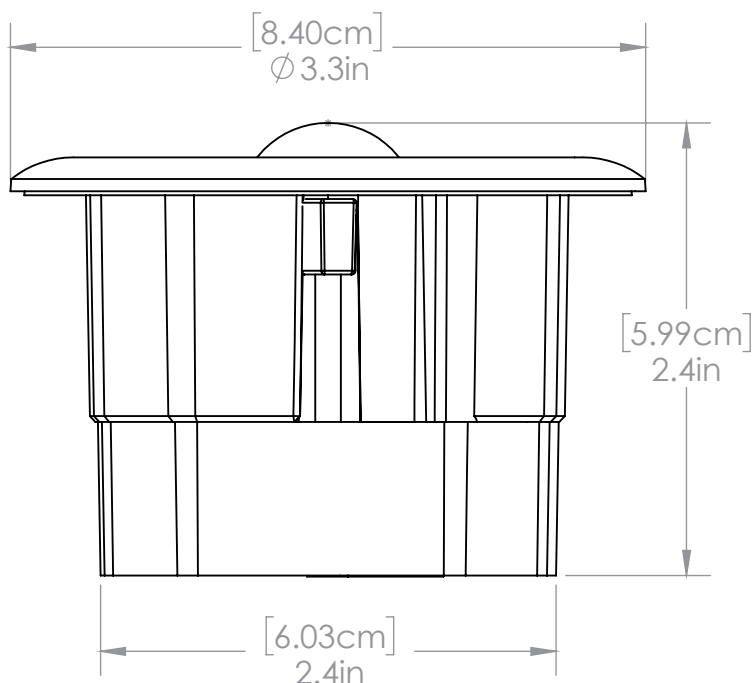


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXLS1403 IC: 11250A-LS1403 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to Audacy Gateway or Luminaire Controller in typical commercial office building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Light Level | 0–2500 lux (0–232 fc) |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 1.12" (115.82mm x 58.17mm x 28.45mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-LS1403 |
| Description | Audacy® Recessed Light Sensor |

MECHANICAL DIMENSIONS (CM & IN)



Through Hole Required: 2.5"/64 mm

Maximum Hole Size: 2.75"/70 mm

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WALL-MOUNT SWITCH

WMS1200

The Wall-Mount Switch fits into a decorator-style faceplate and can be used to replace an existing switch. The switch requires no wiring, has a 25-year battery life and wirelessly sends commands to control light fixtures equipped with Audacy Luminaire Controllers. The WMS1200 version has On/Off and dimming capabilities.

ADAPTABILITY AT YOUR FINGERTIPS

Used in conjunction with the Audacy Wireless Controls system, the Wall-Mount Switch permits onsite employees to customize their lighting environments by overriding the master inputs of your Audacy Interface. The Wall-Mount Switch turns lights on or off and enables dimming.

BECAUSE TIME IS MONEY

As with all Audacy Wireless Controls system components, the Audacy Wall-Mount Switch vastly reduces installation time and costs versus a typical wired system alternative. And you have the flexibility to place it anywhere you choose because there are no wires to run.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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WALL-MOUNT SWITCH

WMS1200

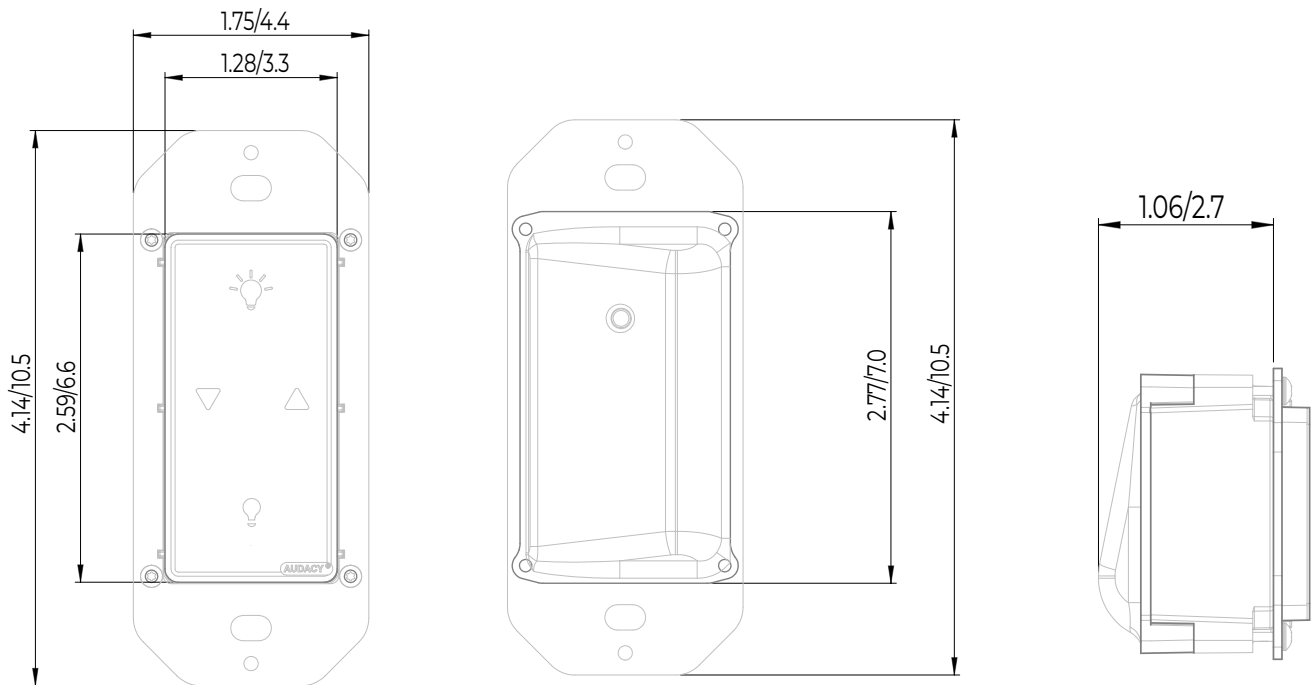


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXWMS1200 IC: 11250A-WMS1200 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | In switch box, decorator-style faceplate |
| Color | White |
| Dimensions | 4.14" x 1.75" x 0.76" (69.6mm x 61.5mm x 106.7mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-WMS1200 |
| Description | Audacy® Wall- Mount Switch |

MECHANICAL DIMENSIONS (INCHES/CM)



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WIRELESS LIGHTING CONTROL
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ON/OFF WALL-MOUNT SWITCH

WMS1201

The Wall-Mount Switch fits into a decorator-style faceplate and can be used to replace an existing switch. The switch requires no wiring, has a 25-year battery life and wirelessly sends commands to control light fixtures equipped with Audacy Luminaire Controllers. The WMS1200 version has On/Off capabilities.

ADAPTABILITY AT YOUR FINGERTIPS

Used in conjunction with the Audacy Wireless Controls system, the Wall-Mount Switch permits onsite employees to customize their lighting environments by overriding the master inputs of your Audacy Interface. The Wall-Mount Switch turns lights on or off.

BECAUSE TIME IS MONEY

As with all Audacy Wireless Controls system components, the Audacy Wall-Mount Switch vastly reduces installation time and costs versus a typical wired system alternative. And you have the flexibility to place it anywhere you choose because there are no wires to run.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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ON/OFF WALL-MOUNT SWITCH

WMS1201

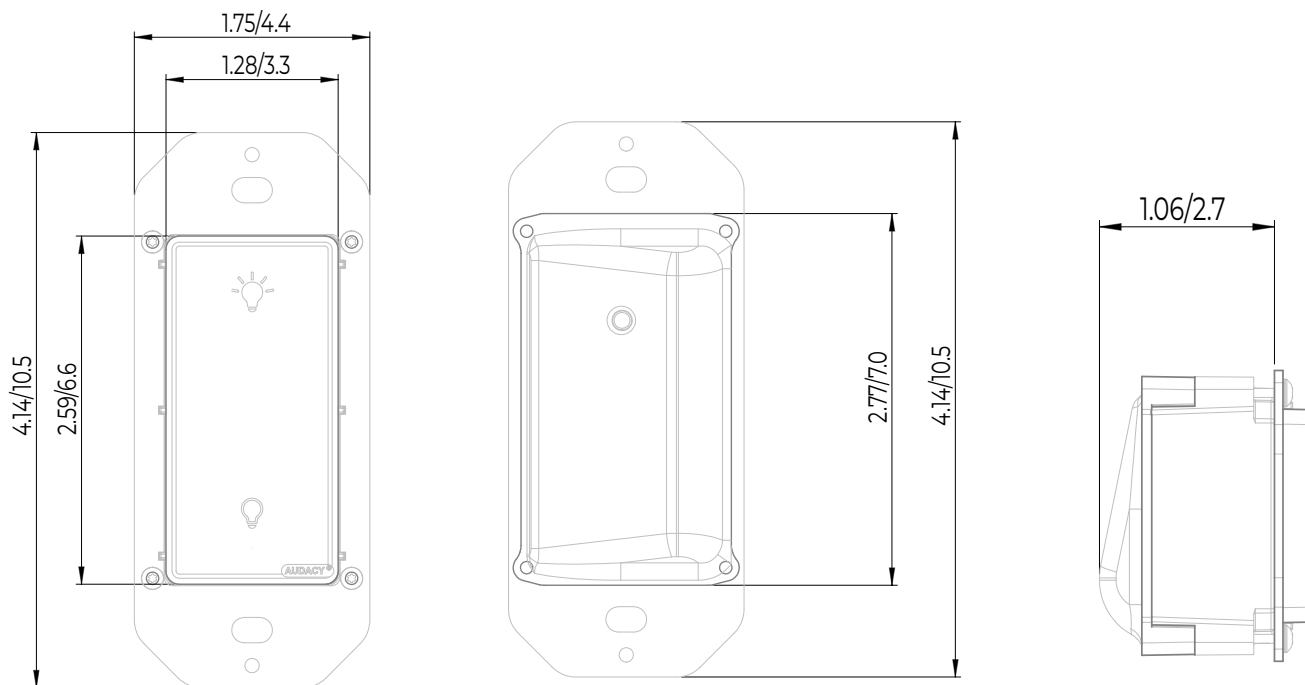


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXWMS1201 IC: 11250A-WMS1201 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | In switch box, decorator-style faceplate |
| Color | White |
| Dimensions | 4.14" x 1.75" x 0.76" (69.6mm x 61.5mm x 106.7mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-WMS1201 |
| Description | Audacy® On/Off Wall- Mount Switch |

MECHANICAL DIMENSIONS (INCHES/CM)



AUDACY®
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT



PUSH-BUTTON WALL-MOUNT SWITCH

TS1200

The Push-Button Wall-Mount Switch fits into a decorator-style faceplate and can be used to replace an existing switch. The switch requires no wiring, has a 25-year battery life and wirelessly sends commands to control light fixtures equipped with Audacity Luminaire Controllers. The TS1200 version has On/Off and dimming capabilities.

ADAPTABILITY AT YOUR FINGERTIPS

Used in conjunction with the Audacity Wireless Controls system, the Push-Button Wall-Mount Switch permits onsite employees to customize their lighting environments by overriding the master inputs of your Audacity Interface. The TS1200 turns lights on or off and enables dimming.

BECAUSE TIME IS MONEY

As with all Audacity Wireless Controls system components, the Push-Button Wall-Mount Switch vastly reduces installation time and costs versus a typical wired system alternative. And you have the flexibility to place it anywhere you choose because there are no wires to run. The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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PUSH-BUTTON WALL-MOUNT SWITCH

TS1200

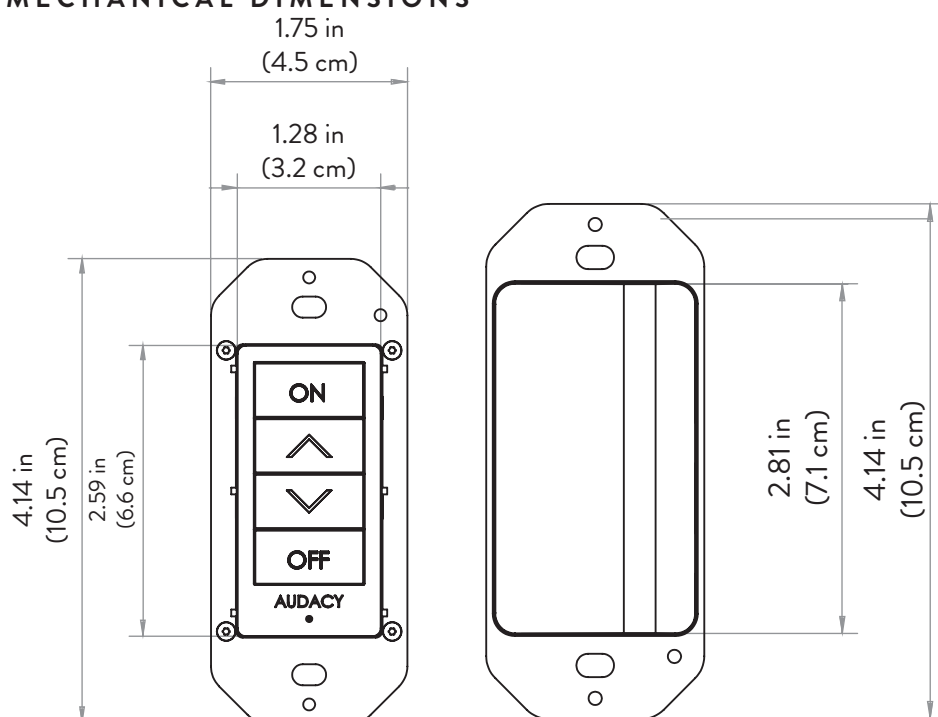


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SPECIFICATIONS

| ITEM | DESCRIPTION |
|--|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXTS1200 IC: 11250A-TS1200 UL 916 (Energy Management Equipment) |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | In switch box, decorator-style faceplate |
| Color | White |
| Dimensions | 4.14" x 1.75" x 0.91" (10.5 cm x 4.5 cm x 2.3 cm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-TS1200 |
| Description | Audacy® Push-Button Wall- Mount Switch* |
| *Push-button Scene Switch, capacitive touch Scene Switch and capacitive touch Wall-Mount Switches also available | |

MECHANICAL DIMENSIONS



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SCENE SWITCH

WSS1200

A time and energy-saving alternative to the traditional hard-wired switch, the Audacy® Scene Switch allows you to quickly “set the scene” with pre-calibrated settings for a particular room. Instantly adjust lighting to fit how you’ll use the space with presets such as Presentation Setting for viewing a screen or Work Setting to maximize lighting for reviewing important documents.

MORE CONTROL - LESS FUSS

The Audacy Scene Switch permits onsite employees to instantly adjust their lighting environment to the purpose at hand with up to 4 physical preset settings and up to 16 Interface settings.

DOUBLE-EDGED EFFICIENCY

Operating in the highly reliable 915 MHz spectrum, our Scene Switch is wireless and easy to install anywhere in the room, delivering unparalleled flexibility while saving time and money.

The Audacy Scene Switch helps you comply with ASHRAE 90.1-2016 and CA Title 24 requirements.

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SCENE SWITCH

WSS1200

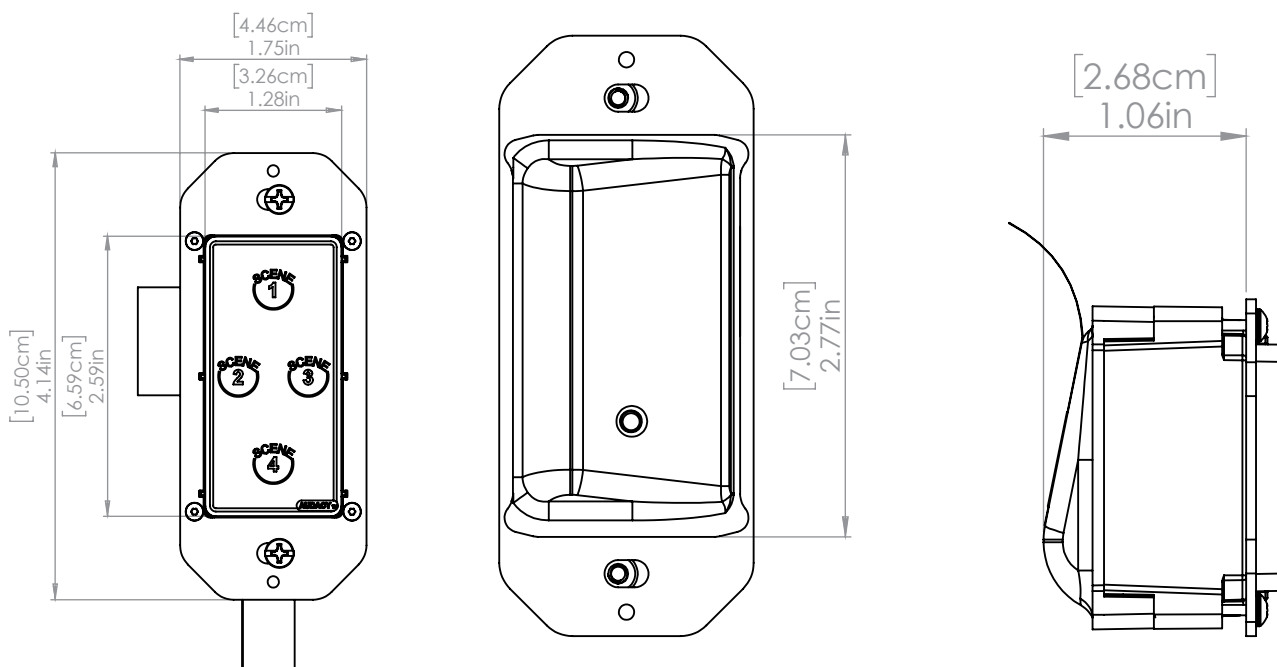


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|---|
| Preconfigured Scenes | Up to 4 |
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXWSS1200 IC: 11250A-WSS1200 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controllers in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | In switch box, decorator-style faceplate |
| Color | White |
| Dimensions | 4.14" x 1.75" x 0.76" (69.6mm x 61.5mm x 106.7mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-WSS1200 |
| Description | Audacy® Scene Switch |

MECHANICAL DIMENSIONS (CM & IN)



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PUSH-BUTTON SCENE SWITCH

TSS1200

A time and energy-saving alternative to the traditional hard-wired switch, the Audacy® Push-Button Scene Switch allows you to quickly “set the scene” with pre-calibrated settings for a particular room. Instantly adjust lighting to fit how you’ll use the space with presets such as Presentation Setting for viewing a screen or Work Setting to maximize lighting for reviewing important documents.

MORE CONTROL - LESS FUSS

The Audacy Push-Button Scene Switch permits onsite employees to instantly adjust their lighting environment to the purpose at hand with up to 4 physical preset settings and up to 16 Interface settings.

DOUBLE-EDGED EFFICIENCY

Operating in the highly reliable 915 MHz spectrum, our Scene Switch is wireless and easy to install anywhere in the room, delivering unparalleled flexibility while saving time and money.

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PUSH-BUTTON SCENE SWITCH

TSS1200

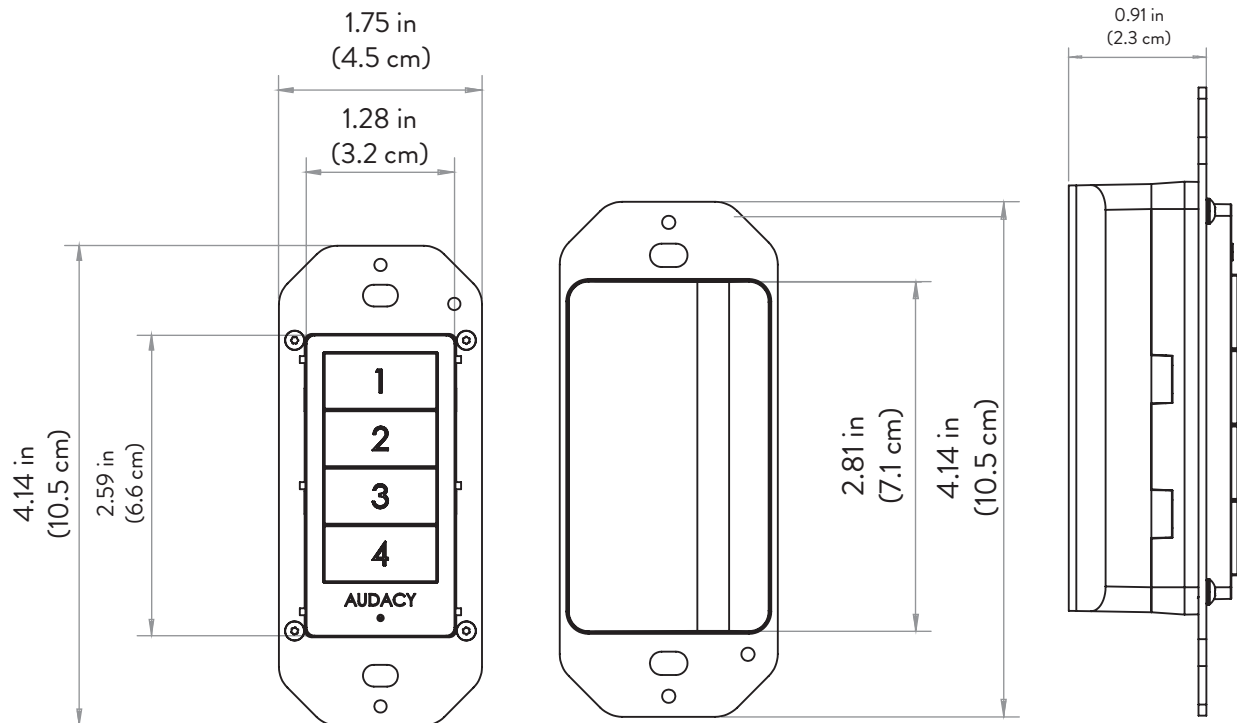


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|---|--|
| Preconfigured Scenes | Up to 4 |
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXTSS1200 IC: 11250A-TSS1200 UL 916 (Energy Management Equipment) |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | In switch box, decorator-style faceplate |
| Color | White |
| Dimensions | 4.14" x 1.75" x 0.91" (10.5 cm x 4.5 cm x 2.3 cm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-TSS1200 |
| Description | Audacy® Push-Button Scene Switch* |
| *Push-button Wall-Mount Switch, capacitive touch Scene Switch and capacitive touch Wall-Mount Switches also available | |

MECHANICAL DIMENSIONS



AUDACY®
WIRELESS LIGHTING CONTROL
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PUSH-BUTTON COMBINATION SWITCH

TSS1204

A time and energy-saving alternative to the traditional hard-wired switch, the Audacy® Push-Button Combination Switch allows you to quickly “set the scene” with pre-calibrated settings for a particular room and also allows you to turn on, turn off and dim lights. Instantly adjust lighting to fit how you’ll use the space with presets such as Presentation Setting for viewing a screen or Work Setting to maximize lighting for reviewing important documents.

MORE CONTROL - LESS FUSS

The Audacy Push-Button Combination Switch permits onsite employees to instantly adjust their lighting environment to the purpose at hand with up to 4 physical preset scene settings and up to 16 virtual scene settings on the Interface.

DOUBLE-EDGED EFFICIENCY

Operating in the highly reliable 915 MHz spectrum, our Combination Switch is wireless and easy to install anywhere in the room, delivering unparalleled flexibility while saving time and money.

The Audacy Push-Button Combination Switch helps you comply with ASHRAE 90.1-2016 and CA Title 24 requirements.

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PUSH-BUTTON COMBINATION SWITCH

TSS1204

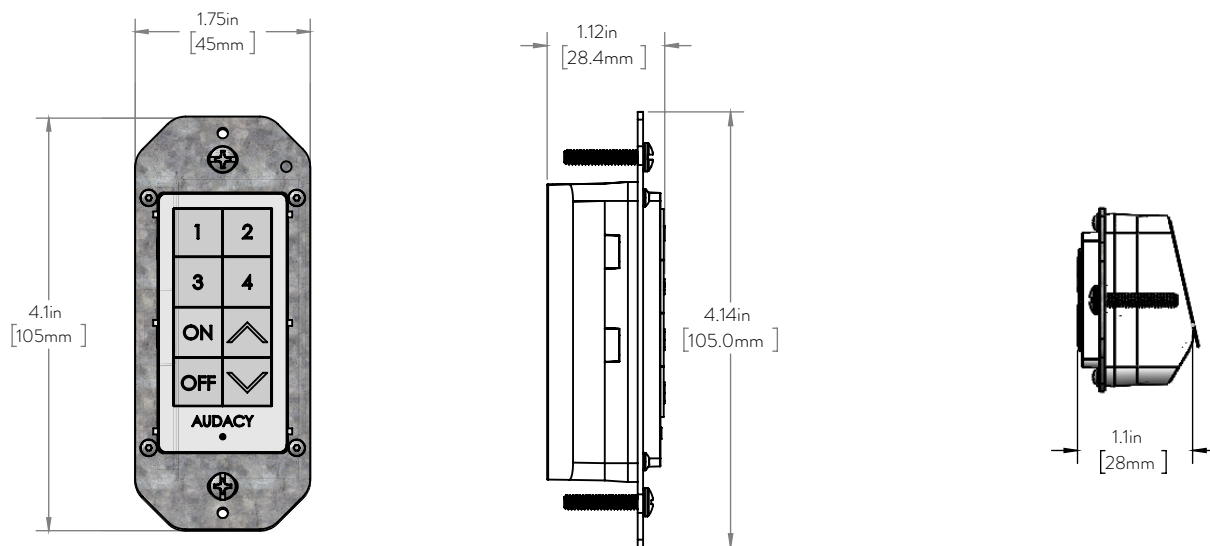


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|---|--|
| Preconfigured Scenes | Up to 4 |
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXTSS1204 IC: 11250A-TSS1204 UL 916 (Energy Management Equipment)/CSA C22.2 No. 205 (Signal Equipment) |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | In switch box, decorator-style faceplate |
| Color | White |
| Dimensions | 4.14" x 1.75" x 0.91" (10.5 cm x 4.5 cm x 2.3 cm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-TSS1204 |
| Description | Audacy® Push-Button Combination Switch* |
| *Push-button Scene Switch, Push-button Wall-Mount Switch, capacitive touch Scene Switch and capacitive touch Wall-Mount Switches also available | |

MECHANICAL DIMENSIONS (IN & MM)



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REMOTE SWITCH

SS1200

The Remote Switch is a battery-powered, wireless light switch. Operating in the highly reliable 915 MHz spectrum, the SS1200 requires no wiring, has a 25-year battery life, and wirelessly sends commands to control light fixtures equipped with Audacy Luminaire Controllers. Since it is not hard-wired, the SS1200 can be mounted or placed virtually anywhere a switch is desired.

HOW IT WORKS

The Remote Switch is wireless and simple to install anywhere or use as a handheld switch for remote convenience. The innovative, capacitive touch panel will adjust to your desired setting at the touch of a finger.

ADAPTABILITY AT YOUR FINGERTIPS

Used in conjunction with the Audacy Wireless Controls system, the Remote Switch permits onsite employees to customize their lighting environments by overriding the master inputs of your Audacy Interface. The Remote Switch turns lights on or off and enables dimming.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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REMOTE SWITCH

SS1200

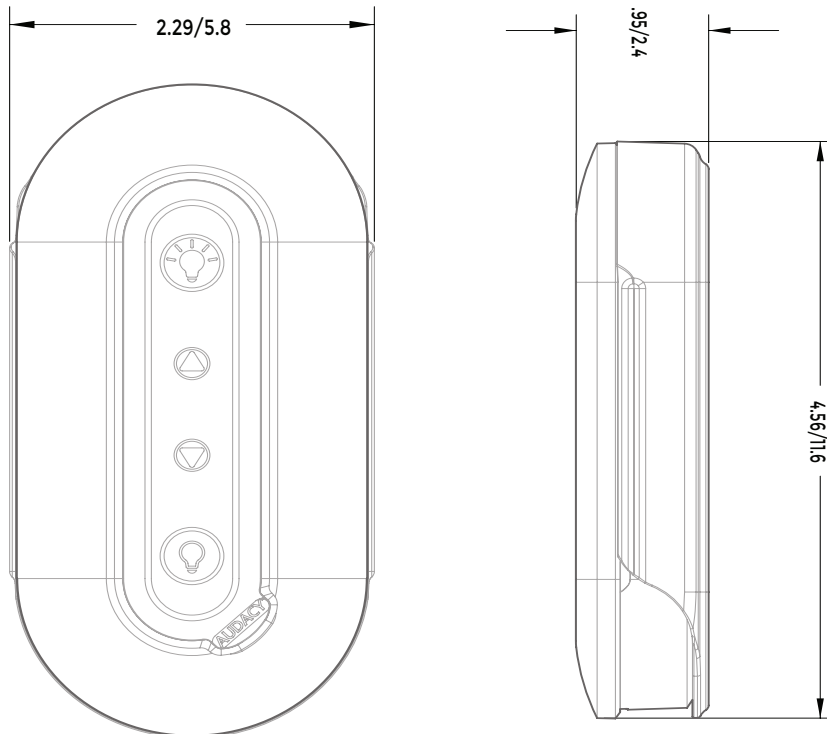


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXSS1200 IC: 11250A-SS1200 |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 25+ year battery, non-replaceable |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures |
| Installation Environment | Indoor use only |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) |
| Color | White |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-SS1200 |
| Description | Audacy® Remote Switch |

MECHANICAL DIMENSIONS (INCHES/CM)



AUDACY®
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TEMPERATURE/HUMIDITY/ CONTACT CLOSURE SENSOR

AH-T

AH-THD

AH-TX2

AH-CC

The Temperature, Humidity and Contact Closure Sensors use exclusive maintenance-free technology to wirelessly communicate to the Audacy Gateway to send temperature or humidity measurements or indicate when there is a contact closure present.

SIMPLICITY IS THE RULE

The Temperature, Humidity and Contact Closure Sensors are wireless and simple to install anywhere. These sensors operate in the highly reliable 915 MHz spectrum and have up to a 25-year battery life.

BECAUSE TIME IS MONEY

As with all Audacy Wireless Controls system components, the Temperature, Humidity and Contact Closure Sensors vastly reduce installation time and costs versus a typical wired system alternative. This sensor system is an ideal HVAC product for building automation applications as well. The Audacy Gateway will connect with various Building Automation protocols.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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TEMPERATURE/HUMIDITY/ CONTACT CLOSURE SENSOR

AH-T

AH-THD

AH-TX2

AH-CC

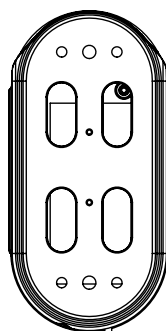
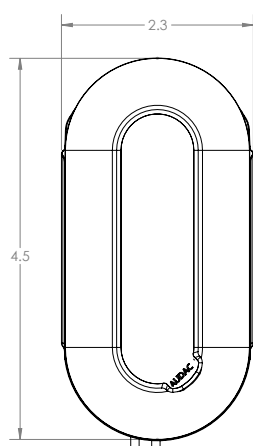


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION | | | |
|--------------------------|---|----------------------------------|--------------------------------|------------------------|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna | | | |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 | | | |
| Encryption | Proprietary based on AES encryption | | | |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXRPS2000 IC: 11250A-RPS2000 | | | |
| Accuracy | Temperature: +/- 1°F Humidity: +/- 3% (10-90% RH) Dew Point: +/- 4% (50-90°F, 10-90% RH) Thermistor Ports: 10K Type 2, 10 Bit Resolution | | | |
| Transmit Power | 2 dBm short duration, utilizing direct sequence spread spectrum | | | |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled | | | |
| Power | 25+ year battery, non-replaceable | | | |
| Operating Temperature | -4°F to 158°F (-20°C to 70°C) | | | |
| Installation Environment | Indoor use only | | | |
| Mounting | 2 bracket mounting holes (See mechanical drawing for dimensions) | | | |
| Antenna | Internal, 360° Pattern | | | |
| Contact Closure | 2-wire terminal block connections inside unit | | | |
| Color | White | | | |
| Dimensions | 4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm) | | | |
| Weight | 3.0 oz (85g) | | | |
| Warranty | 5 year | | | |
| Catalog Numbers | 59-AH-T | 59-AH-THD | 59-AH-TX2 | 59-AH-CC |
| Description | Temperature Only | Temperature, Humidity, Dew Point | Temperature + 2 External Ports | Contact Closure Sensor |

MECHANICAL DIMENSIONS (INCHES)



Note: Locking Screw
Feature for Mounting

AUDACY
WIRELESS LIGHTING CONTROL
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The Audacy® Single Room Controller combines the functionality of a Wall-Mount Switch, Motion Sensor, and Luminaire Controller into one device. It fits into a standard wallbox and uses a decora-style faceplate to blend into any aesthetic. The SRC2100 has on/off and 0-10V dimming capabilities, and its Motion Sensor can be used in both occupancy and vacancy modes. Perfect for use in small spaces, the Audacy Single Room Controller can be used as a standalone device. Additionally, it can send room data to a wireless Gateway when integrated into a larger Audacy Wireless Lighting Control solution.

ADAPTABILITY AT YOUR FINGERTIPS

When used as a standalone solution, the Single Room Controller easily manages small spaces, such as private offices, utility closets, or mechanical rooms. Once the Single Room Controller is networked into a larger Audacy wireless lighting control system, it becomes part of a more functional and versatile system that can provide features such as off-site control via a mobile device, room status and energy consumption reporting, and scheduling. The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

BECAUSE TIME IS MONEY

As with all Audacy Wireless Controls system components, the Audacy Single Room Controller vastly reduces installation time and costs versus a typical wired system alternative. Whether it is from the simple installation into a wallbox or an easy integration into a networked Audacy system, time saved is money saved.

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SINGLE ROOM CONTROLLER

SRC2100

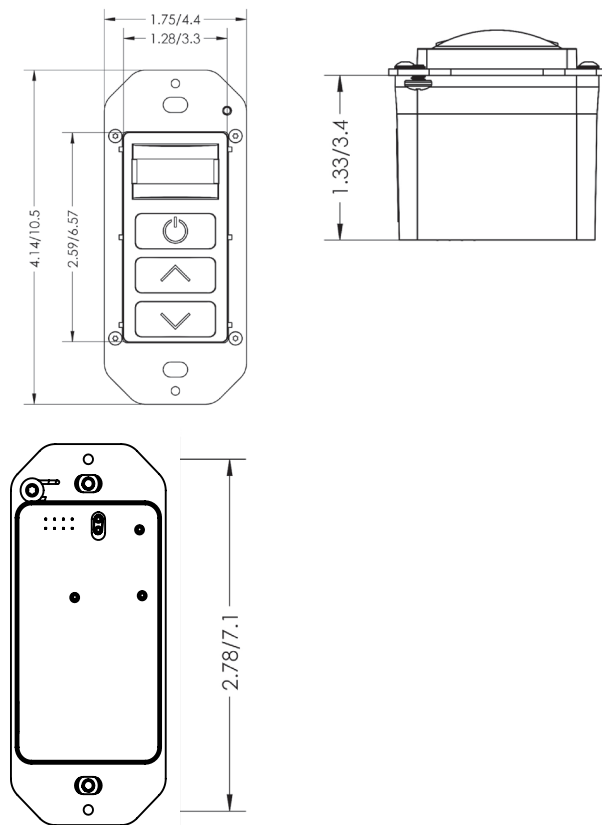


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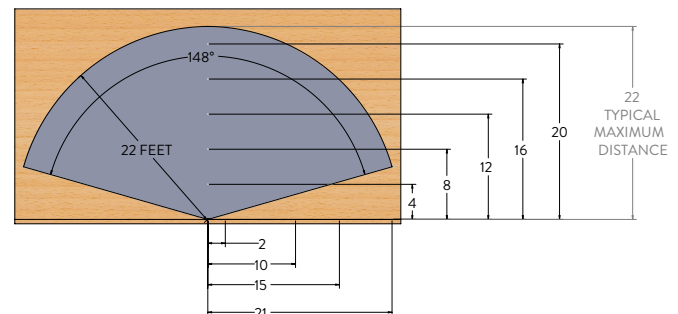
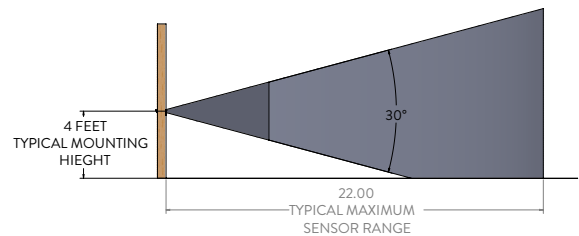
SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Internal Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada UL916 Energy Management Equipment FCC ID: 2AAMXSRC2100 CSA C22.2 No.205.12 Signal Equipment IC: 11250A-SCR2100 |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 300 ft. (90m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Power | 120/277 VAC (Neutral wire connection required), 5A |
| Operating Temperature | 50°F to 104°F (10°C to 40°C)* |
| Installation Environment | Indoor use only |
| Mounting | In switch box, decora-style faceplate (wiring for 0-10V dimming control available) |
| Orientation | PIR sensor on top |
| Color | White |
| Dimensions | 4.14" x 1.75" x 1.33" (69.6mm x 61.5mm x 33.7mm) |
| Weight | 3.0 oz (85g) |
| Warranty | 5 year |
| Catalog Number | 59-SRC2100 |
| Description | Audacy® Single Room Controller |

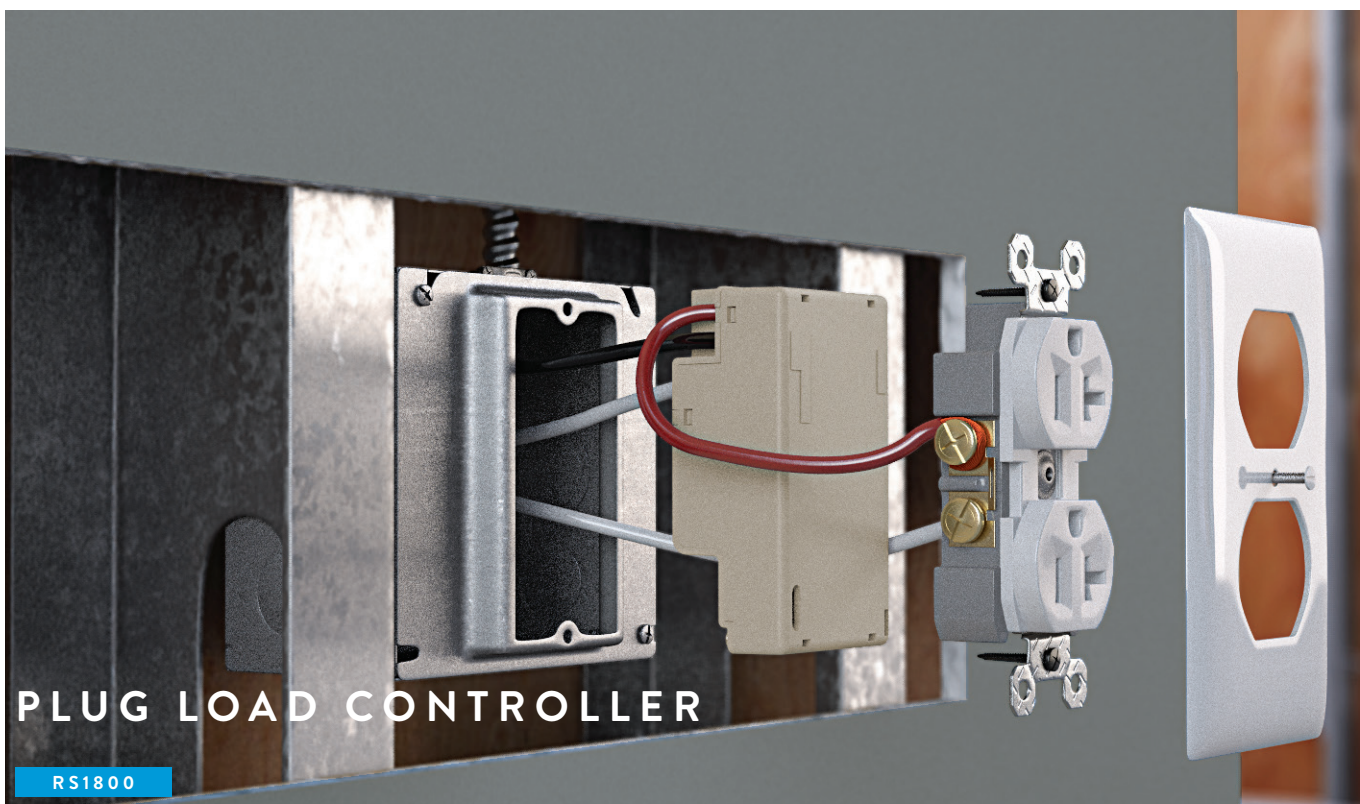
MECHANICAL DIMENSIONS (INCHES/CM)



COVERAGE PATTERN (FT)



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PLUG LOAD CONTROLLER

RS1800

The Audacy® Plug Load Controller is an AC-powered wireless receptacle control device. It quickly and easily installs inside a junction box and provides the ability to control individual receptacles if desired. The RS1800 wirelessly turns on or off your wall outlets – preventing items like coffee makers, task lighting, monitors or even personal fans and heaters from adding to your electric bill during off hours.

HOW IT WORKS

Connected wirelessly to a local Audacy Motion Sensor or simply scheduled to turn on or off via inputs to your Audacy Interface, the outlets controlled by Plug Load Controllers will not consume electricity when a room is vacant.

SIMPLE INSTALLATION - EASY COMPLIANCE

Operating in the reliable 915 MHz spectrum, the Audacy Plug Load Controller is designed to install quickly – minimizing installation time. Each device allows you to control individual receptacles as desired.

The Audacy Plug Load Controller helps you comply with ASHRAE 90.1-2016 and CA Title 24 requirements.

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PLUG LOAD CONTROLLER

RS1800

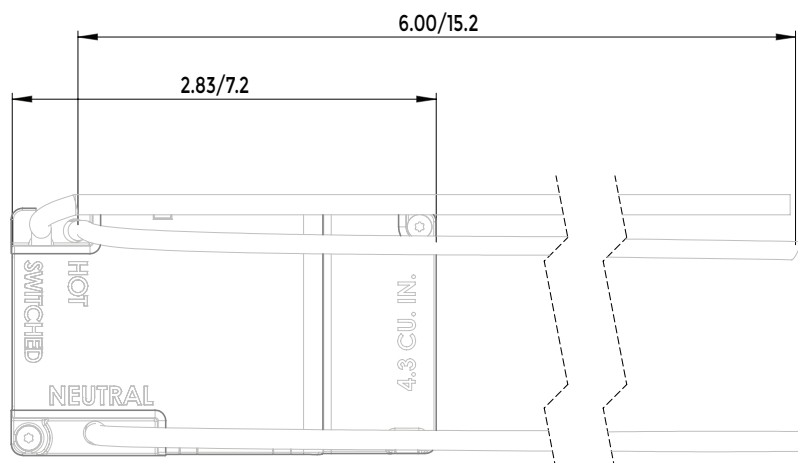
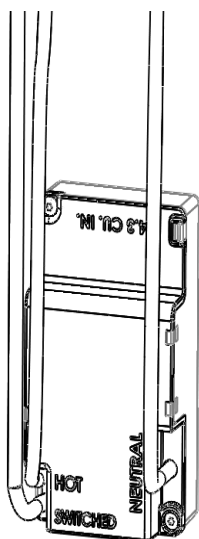


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|---|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC Part 15 and Industry Canada FCC ID: 2AAMXRS1800 IC: 11250A-RS1800 UL 916 (Energy Management Equipment) CSA/C22.2 No. 205-12 (Signal Equipment) Box Fill Volume 4.3 Cu. In. per NEC Code |
| Transmit Power | 18 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Input Voltage | 120V |
| Rated Load | 20A, 1HP |
| Rated Load Wattage | 2400W@120V |
| Operating Temperature | 50°F to 158°F (10°C to 70°C) |
| Installation Environment | Indoor use only |
| Connections | 12 AWG stranded pigtails (line, neutral, switched) |
| Color | Gray |
| Dimensions | 2.84" x 1.65" x 1.03" (72.13mm x 41.91mm x 26.12mm) |
| Weight | 3.7 oz (104.9g) |
| Warranty | 5 year |
| Catalog Number | 59-RS1800 |
| Description | Audacy® Plug Load Controller |

MECHANICAL DIMENSIONS (INCHES/CM)



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PROXY KIT

PROXY-RP01

The Audacity® Proxy Kit is an “always-on” cloud communications device that enables one or more Audacity Wireless Controls Gateways to securely connect to the cloud, providing 24/7 access to remotely configure, control, and monitor your lighting environment as well as monitor environmental sensors. This remote access can be accomplished through our web interface at audacitycontrols.com, or through our mobile app, available for both Apple iOS and Android.

HOW IT WORKS

The Audacity Proxy Kit provides a convenient way to enable cloud connectivity for those installations without a dedicated IT department capable of running the proxy on a server machine.

INSTALLATION IS EASY

As with the other components of the Audacity Wireless Controls system, the Proxy Kit eases installation as it requires no complicated network configuration. The Kit supports dynamic network addressing using standard DHCP and to setup WiFi (if desired) is a simple drag and drop of the client’s network name (SSID) and password. Once connectivity to the cloud has been verified, the proxy is essentially maintenance-free.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

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PROXY KIT

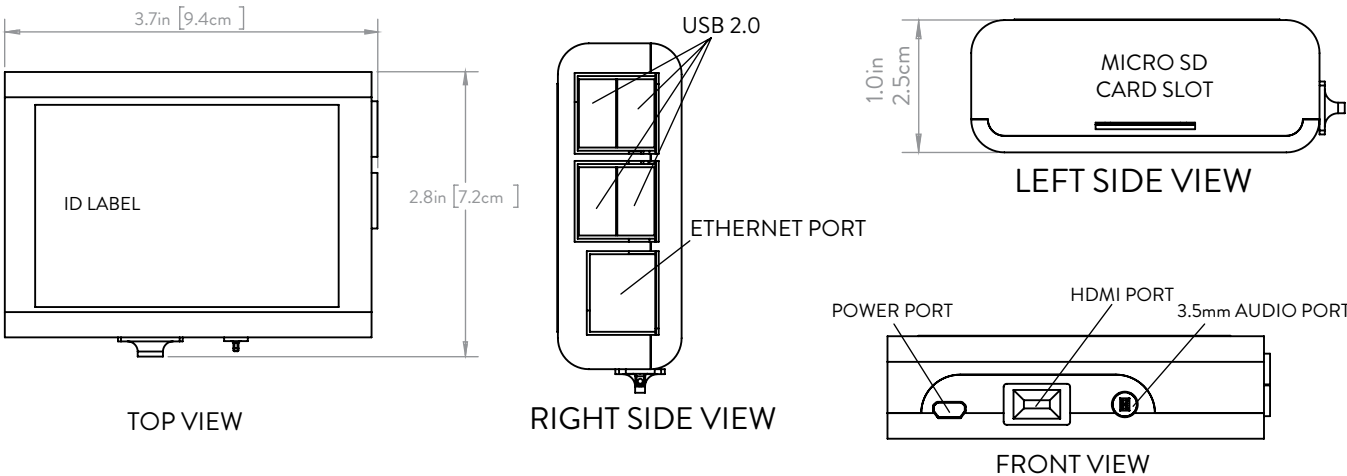
PROXY-RP01  On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

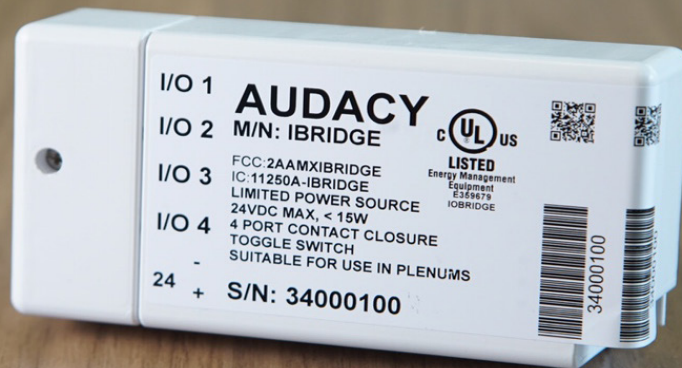
| ITEM | DESCRIPTION |
|----------------------------|---|
| Regulatory Approvals | FCC ID: 2ABCB-RPI3BP IC: 20953-RPI3P |
| Input Voltage | 120/240V AC with Power Supply; 5V DC without Power Supply |
| Input Power | 5V/2.5A DC via micro USB connector |
| Configuration/Network Port | Ethernet (WiFi Optional) |
| Processor | Broadcom BCM2837B0, Cortex-A53 64-bit SoC @ 1.4GHz |
| Connectivity | 2.4 Ghz and 5 GHz IEEE 802.11.b/g/n/ac wireless LAN, Gigabit Ethernet over USB 2.0 (maximum throughput 300 Mbps), 4 x USB 2.0 ports |
| SD Card Support | Micro SD format for loading operating system and data storage |
| Operating Temperature | 32°F to 122°F (0°C to 50°C) |
| Installation Environment | Indoor use only |
| Enclosure | Plastic |
| Color | Black |
| Dimensions | 3.7" x 2.8" x 1.0" (9.4 cm x 7.2 cm x 2.5 cm) |
| Weight | .80 lb (12.8 oz) |
| Warranty | 5 year |

| | |
|----------------|------------------|
| Catalog Number | 59-PROXY-RP01 |
| Description | Audacy Proxy Kit |

MECHANICAL DIMENSIONS (INCHES/CM)



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CONTACT CLOSURE INPUT CONTROLLER

IBRIDGE

The 24 Volt DC IBridge Contact Closure Input Controller is a module that can receive dry contact closure signals to control Audacity Luminaire Controllers. The IBridge Controller is powered by a 24 Volt DC input and has up to 4 inputs to support different switch and scene commands to drive Audacity Luminaire Controllers. This device is ideal for applications in hospitals, schools and retrofit buildings where integration to already established contact closure systems is required.

HOW IT WORKS

The 24V DC IBridge Controller operates in the highly reliable 915 MHz spectrum. Your electrical installer connects the IBridge Controller to 24V DC power and it is installed above a typical drop ceiling or affixed to a hard surface if desired. The typical range for Luminaire Controllers is within 300 feet of the Gateway. And with the repeater mode enabled in the Audacity Luminaire Controllers, the range is extended even farther.

BECAUSE TIME IS MONEY

A typical wired system is vastly more labor intensive and costly to install. The Audacity System gets your system up and operational faster and can be modified over time with incredible ease.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016.

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CONTACT CLOSURE INPUT CONTROLLER

IBRIDGE

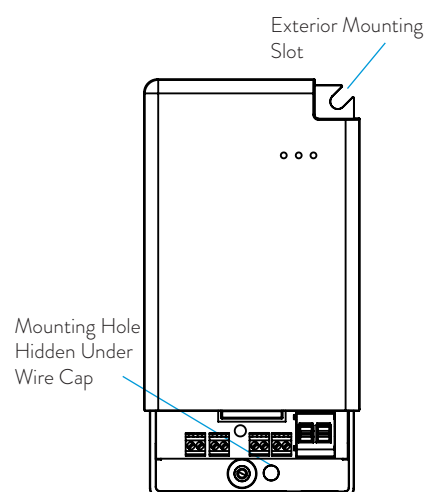
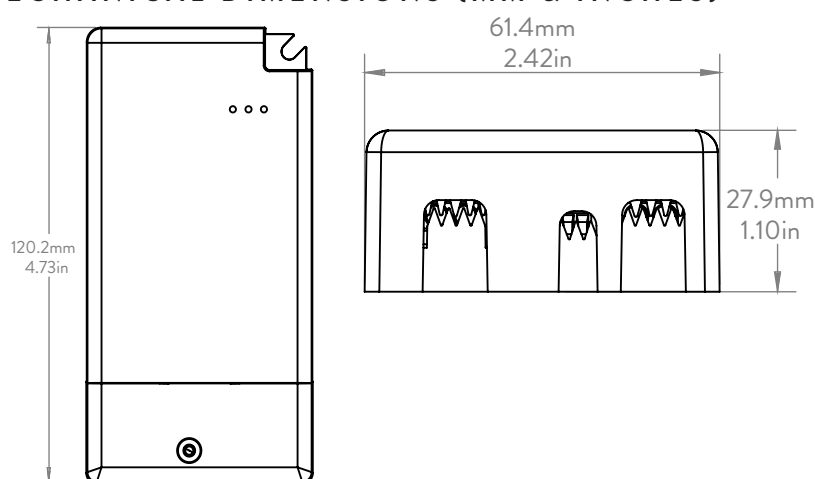


On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

| ITEM | DESCRIPTION |
|--------------------------|--|
| Radio Frequency Range | 902–928 MHz, Dual Channel, Integrated Wire Antenna |
| Wireless Protocol | Proprietary based on IEEE 802.15.4 |
| Encryption | Proprietary based on AES encryption |
| Regulatory Approvals | FCC: 2AAMXIBRIDGE IC: 11250A-IBRIDGE UL916 (Energy Management Equipment), UL2043 “Suitable for use in plenum spaces” CSA-22.2 No. 205, Signal Equipment |
| Transmit Power | 0 dBm short duration, utilizing direct sequence spread spectrum |
| Transmit Range | 100 ft. (30 m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled |
| Input Voltage | 12-24V DC |
| Maximum Ampere Draw | .02A |
| Rated Load Wattage | Less than 0.5 Watts |
| Operating Temperature | 50°F to 158°F (10°C to 70°C) |
| Installation Environment | Indoor use only |
| Mounting | Mounting holes provided for installation to fittings or support structure |
| Wire Connections | Terminal Connections 22 AWG to 18 AWG |
| Color | White |
| Dimensions | 4.73in. (120.2mm) x 2.41in. (61.2mm) x 1.1in. (28mm) |
| Weight | 4.6 oz (130.4g) |
| Warranty | 5 year |
| Catalog Number | 59-IBRIDGE |
| Description | Contact Closure Input Controller |

MECHANICAL DIMENSIONS (MM & INCHES)



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