



LUMINAIRE CONTROLLER, INTERNAL-MOUNT

SCL1000

The primary components of the Audacity® 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 Audacity system provides the flexibility to control individual fixtures or groups of fixtures.

HOW IT WORKS

AC-powered 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.

AUDACY 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.

AUDACY
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT

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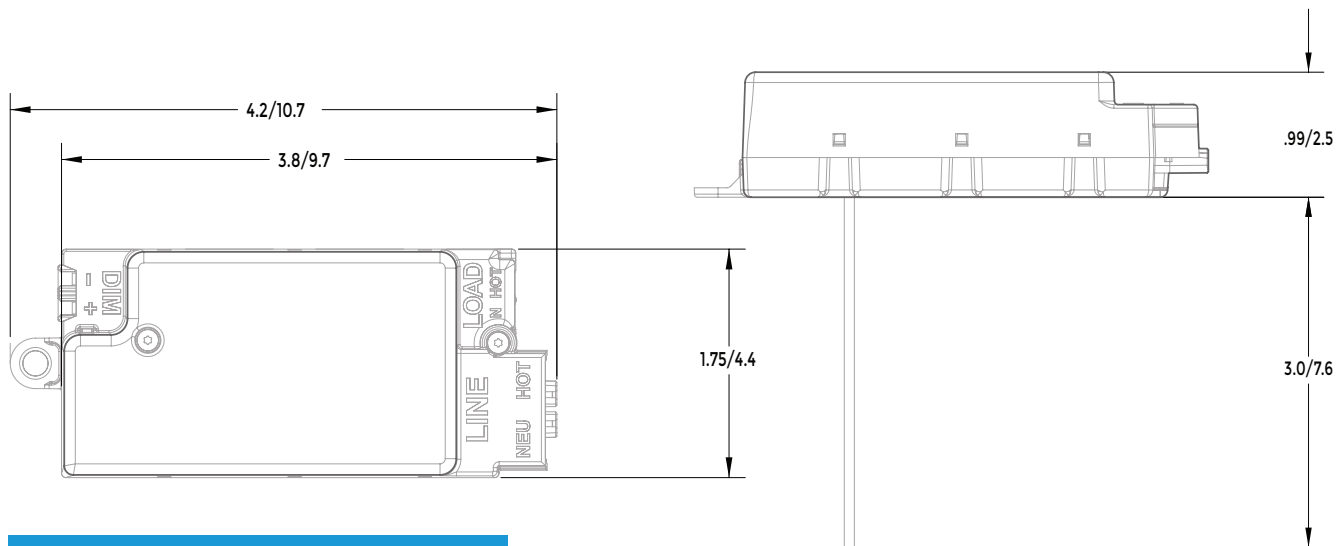


On the DesignLights Consortium™ Qualified Products List

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)



CONTACT US TODAY FOR A CONSULTATION

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AUDACY®

WIRELESS LIGHTING CONTROL

YOUR WORLD IN A BETTER LIGHT

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