



## METAL LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

SCDMET277

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.

**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 Audacy Wireless Controls system.

**AUDACY®**  
WIRELESS LIGHTING CONTROL  
YOUR WORLD IN A BETTER LIGHT

# METAL LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

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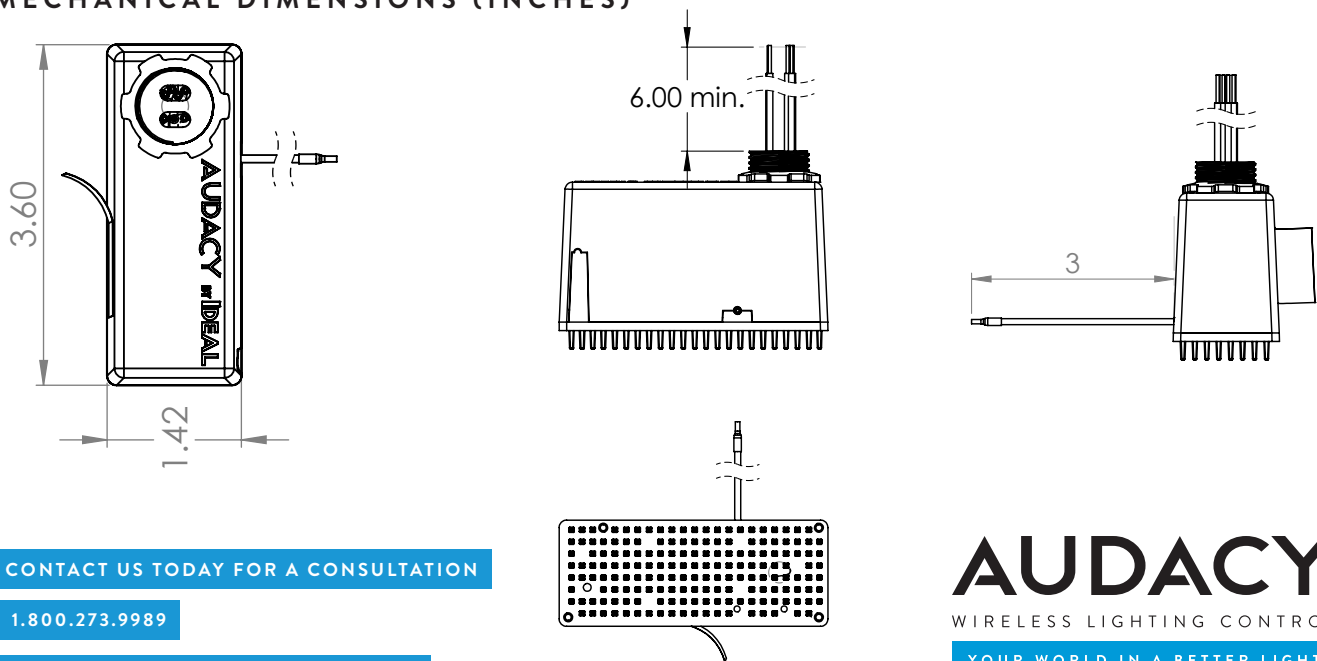


On the DesignLights Consortium™ Qualified Products List

## 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: 2AAMXSCDMET1000/ 2AAMXSCDMET1002 IC: 11250A-SCDMET1000/ 11250A-SCDMET1002 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	2.74" x 2.42" x 4.2", antenna fully extended (69.6mm x 61.5mm x 106.7mm)
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)



CONTACT US TODAY FOR A CONSULTATION

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WIRELESS LIGHTING CONTROL  
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