

## LVDC GRID-MOUNT LUMINAIRE CONTROLLER

ESCGRID1000

ESCGRID1001

The Audacy® Low Voltage DC (LVDC) Grid-Mount Luminaire Controllers are 24V DC-powered, wireless lighting control devices. Operating in the highly reliable 915 MHz spectrum, the ESCGRID1000 is a module that can turn on, turn off and provide a PWM dimming signal to a 24V DC constant voltage LED fixture. The ESCGRID1001 is a module that can turn on, turn off and provide a 0-10V dimming signal to a 24V DC constant voltage LED fixture. The controllers provide the ability to control individual fixtures.

### WE TRUST IN OUR PARTNERS

The LVDC Grid-Mount Controller is an essential part of the combined Audacy and Armstrong® Ceilings LVDC solution and connects seamlessly to the crossbeam of an Armstrong Ceilings DC FlexZone™ Energized Ceiling Grid.

### BECAUSE TIME IS MONEY

As with all Audacy Wireless Controls system components, the Audacy LVDC Grid-Mount Controller vastly reduces installation time and costs in Low Voltage DC applications versus a typical wired system alternative.

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

# LVDC GRID-MOUNT LUMINAIRE CONTROLLER

ESCGRID1000

ESCGRID1001



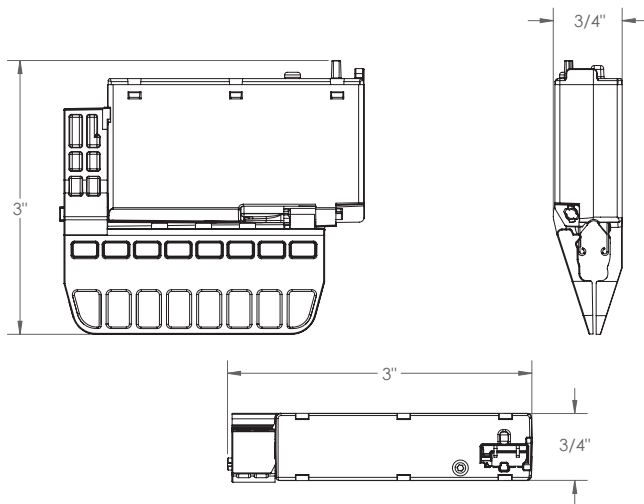
On the DesignLights Consortium™ Qualified Products List

## SPECIFICATIONS

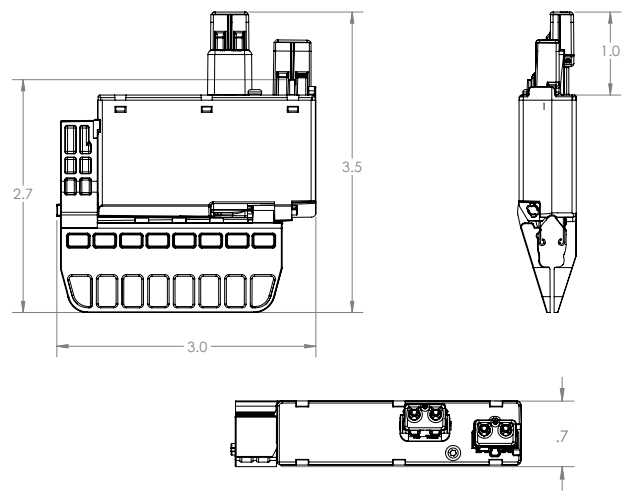
ITEM	DESCRIPTION
Radio Frequency Range	902–928 MHz, Dual Channel, Integrated Wire Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	FCC Part 15 and Industry Canada FCC ID: 2AAMXESCGRID1000(1001) IC: 11250A-ESCGRID1000(1001) UL2577, UL2043 (Plenum Rated)
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	24VDC
Rated Current	4.1A
Rated Load Wattage	100W@24VDC
Operating Temperature	50°F to 158°F (10°C to 70°C)
Installation Environment	Indoor use only
Mounting	Directly to DC FlexZone™ Grid
Fixture Wire Placement	2 conductors from fixture will connect using IDEAL 182s male connector
Color	Tan
Dimensions	3" x .75" x 3" (76.2mm x 19.05mm x 76.2mm)
Weight	1.6 oz (45.4g)
Warranty	5 year
Catalog Number	59-ESCGRID1000/59-ESCGRID1001
Description	PWM LVDC Grid-Mount Luminaire Controller/0-10V LVDC Grid-Mount Luminaire Controller

## MECHANICAL DIMENSIONS (INCHES)

### ESCGRID1000



### ESCGRID1001



CONTACT US TODAY FOR A CONSULTATION

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