

DALI LUMINAIRE CONTROLLER, EXTERNAL-MOUNT

DLC1000UK

The 100-240VAC DALI Luminaire Controller is a module that can turn on, turn off and provide dimming signals to a single DALI luminaire fixture or up to 64 DALI fixtures connected in a DALI universe. The control can be performed via an Audacy System switch that communicates to the DLC1000UK controller. The DALI Luminaire Controller can also be networked into the Audacy System via the Gateway for additional control.

HOW IT WORKS

AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Your electrical installer connects the Luminaire Controller to 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, 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.

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, is our Audacy Wireless Controls system.

AUDACY
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT

See IS-XXXX on audacywireless.com/support for Installation Instructions.

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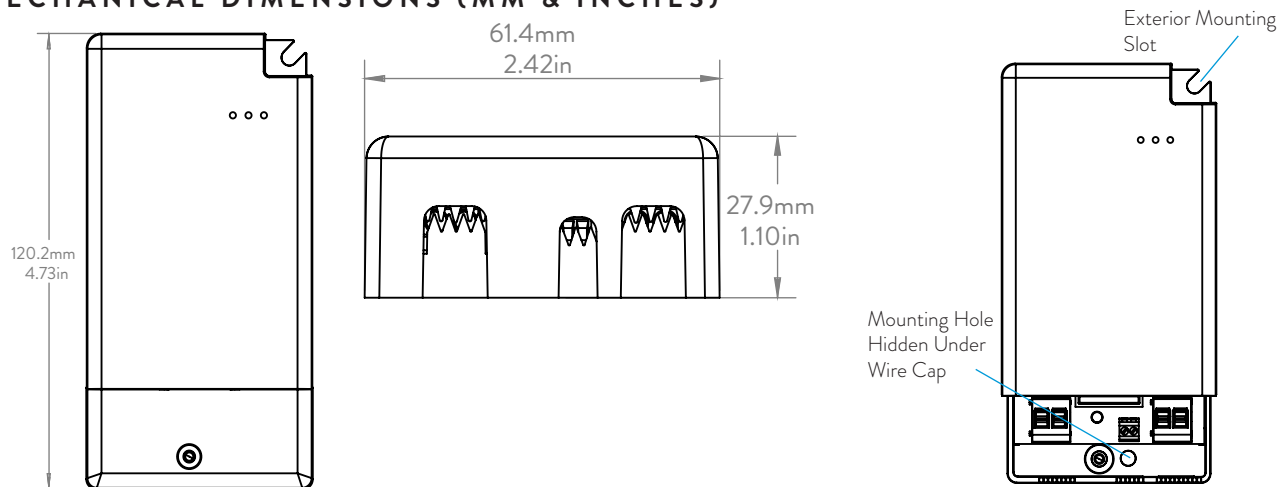


On the DesignLights Consortium™ Qualified Products List

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	EN 55015:2013 +A1:2015; EN 61547:2009; ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1); ETSI EN 300 220-2 V3.1.1 EN 62311* EN 61347-1:2015
Transmit Power	10 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
Fittings Control Protocol	DALI
Input Voltage	100-240VAC ~50/60 Hz (m)
Maximum Ampere Draw	0,05A (Circuit protection of 15A miniature circuit breaker is required)
Rated Load Wattage	12 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
DALI Wire Placement	Push wire terminal connections 0.5 to 2.5 mm ²
Color	White
Dimensions	120,2mm (4,73") x 61,2mm (2,41") x 28mm (1,1")
Weight	4.6 oz (130.4g)
Warranty	5 year
Catalog Number	59-DLC1000UK
Description	DALI Luminaire Controller, External-Mount

MECHANICAL DIMENSIONS (MM & INCHES)



CONTACT US TODAY FOR A CONSULTATION

+44 (0)1709 385485

ENQUIRIES@CMD-LTD.COM

AUDACYWIRELESS.COM | CMD-LTD.COM



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