

CLCI-DIMUEX-W

Wireless In-Ceiling Dimmer, 230VAC

The CLCI-DIMUEX-W is a universal dimmer capable of dimming 230 VAC lighting loads. Its ultra-slim design allows it to be installed in the ceiling, next to or near the fixture.

Powered by infiNET EX? technology, the CLCI device communicates wirelessly with the Crestron control system, making it perfect for both new and retrofit applications. Best of all, the CLCI installs inline without requiring any special wiring and can be controlled via a standard light switch.

Universal Dimming

The CLCI-DIMUEX-W supports dimming incandescent, tungsten-halogen, magnetic low voltage, electronic low voltage and dimmable CFL loads. Load detection circuitry automatically determines forward- or reverse-phase dimming mode. Two sets of screw terminals enable easy wiring to more than one load of up to 300 W/VA.^[1]

Easy Loop-Thru Wiring

Feeding each CLCI is a set of terminals used to power the unit. A second set of high-voltage terminals wired in parallel allow for a fast, clean installation when deploying multiple CLCI units. No need for wire connectors or extra gang boxes; just "daisy chain" multiple CLCIs together. In certain retrofit applications, this lets you create more zones from what was originally wired.

Out-of-the-box Control via Standard Switch

The CLCI provides built-in support for load control via a maintained or momentary switch. Applications that require basic on/off control will benefit by using a typical cost-effective switch. A momentary push-button type switch can be used for cost-effective dimming control; tapping turns the connected loads on and off, while holding the button dims the loads up or down.

Complete Crestron Control



Because it's connected to the Crestron system, the CLCI can also be controlled from any **keypad, touch panel, remote, or mobile device**. Tie in occupancy sensors and photocells together with **Crestron RoomView®** software for a complete solution to effectively manage energy.

Simple Setup

Setup is simple, especially when using a connected maintained or momentary switch. A specific series of button presses initiates the wireless device acquire mode, so there's no need to climb a ladder to join the device to the infiNET EX network.

infiNET EX? Communications

Built on steadfast infiNET? technology, infiNET EX is the new standard in 2-way wireless connectivity. So robust, infiNET EX can handle installations in even the most urban settings. The redundant nature of its mesh networking technology means that a command will never be missed, resulting in faultless operation - something that is of the utmost importance when

it comes to lighting control and building automation. The CLCI-DIMUEX-W harnesses this cutting edge wireless

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dependability above other solutions.

SPECIFICATIONS

Load Ratings

Number of Channels: 1

Maximum Load per Channel: 300 W/VA

Load Types: Incandescent, tungsten-halogen, magnetic low voltage, electronic low voltage, dimmable CFL

Input Voltage

220 to 240 Volts AC, 50/60Hz Line Power

Wireless

RF Transceiver: 2-way, 2.4 GHz ISM channels 11-26 (2400 to 2483.6 MHz), IEEE 802.15.4 compliant

Range: 30 m (100 ft) indoors, 55 m (175 ft) outdoors for device to device;

45 m (150 ft) indoors, 75 m (250 ft) outdoors for device to gateway;

Gateway: Requires a [CEN-RFGW-EX](#) gateway, [MC3](#), [PMC3-XP](#) or PMC3

Connectors

L: (3) Screw terminals for connecting to line AC; internal wiring in parallel

N: (2) Screw terminals for connecting to neutral AC; internal wiring in parallel

G: (2) Screw terminals for connecting to earth ground; internal wiring in parallel

R: (1) Screw terminal for connecting to remote switch (remote switch wires to L and R; consult manual for more information)

N: (2) Screw terminals for neutral, internal wiring in parallel

DIM: (2) Screw terminals for dimmer output, internal wiring in parallel

Controls & Indicators

Setup: (1) Miniature pushbutton for joining an infiNET EX network

On: (1) Green LED, indicates load is on

Off: (1) Green LED, indicates load is off

Enclosure

Plastic

Environmental

Temperature: 0° to 40°C (32° to 104°F)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

Height: 178 mm (7 in)

Width: 55 mm (2.13 in)

Length: 41 mm (1.63 in)

Weight

189 g (6.7 oz)

Notes:

1. The CLCI-DIMUEX-W provides two connection points for ease of wiring to multiple fixtures. Both sets of connectors are internally wired in parallel.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A

list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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patents.crestron.com.

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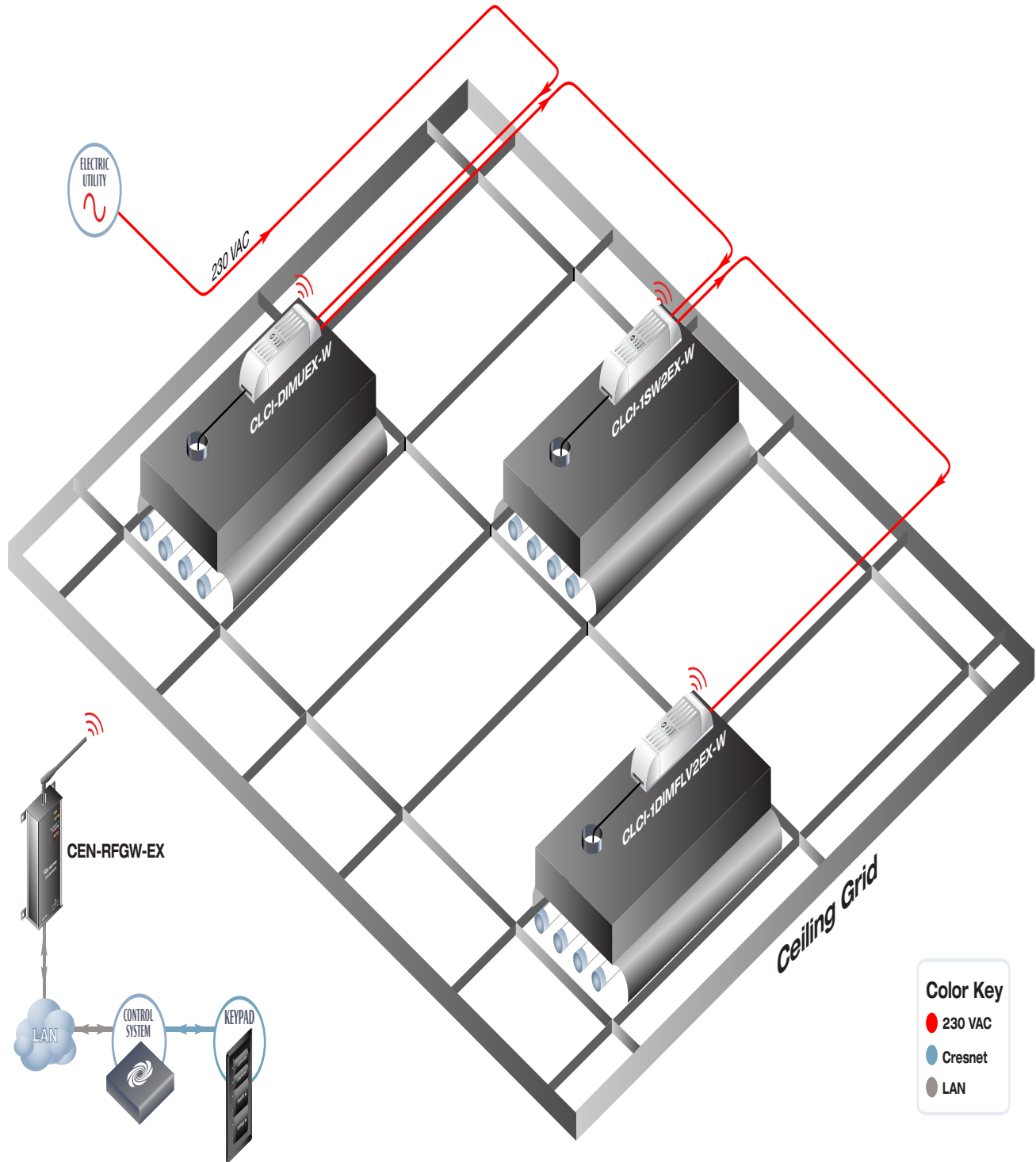
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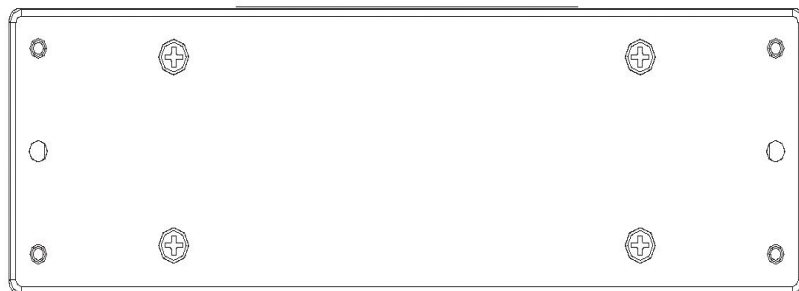
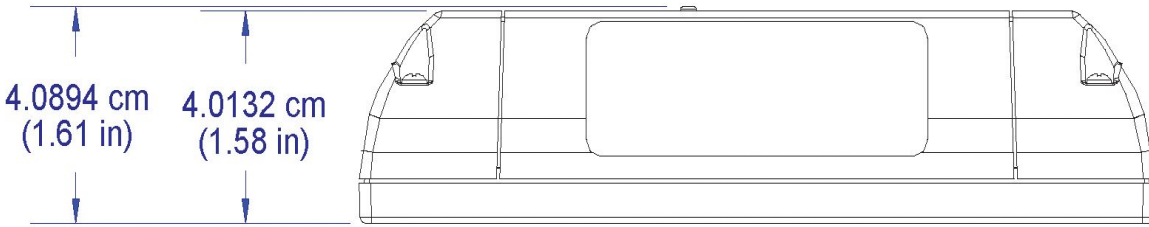
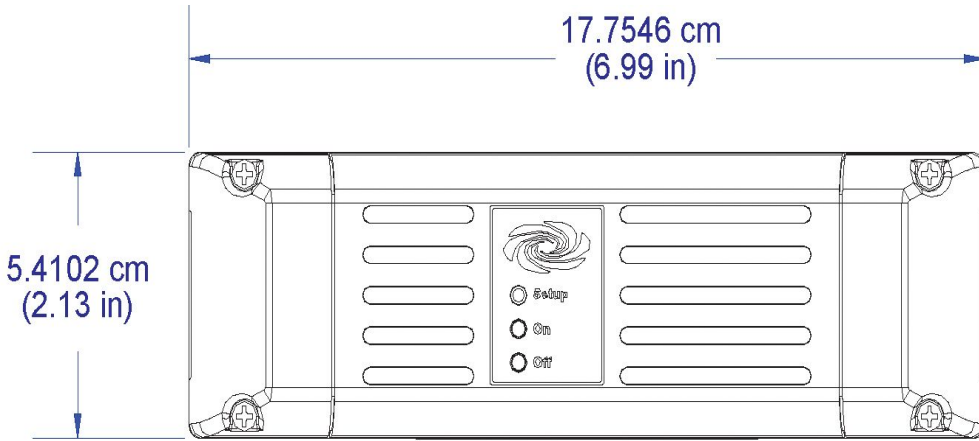
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In-Ceiling Wireless Lighting Control



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