Lumina™ RF Room Controller
Cat. No. DLDNK-0xW
120-277 VAC, 50/60 Hz

LEVITON®

WARNINGS AND CAUTIONS
- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER** AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.

WARNINGS AND CAUTIONS
- Use this device with **copper or copper clad wire only.**
- Use of metal wall plates requires installation into a metal wall box connected to an earth-ground.
- For indoor applications only.
- Save these instructions.

DI-000-DLDNK-00B

INSTALLATION INSTRUCTIONS   **ENGLISH**

DESCRIPTION

The Lumina™ RF Room Controller is designed to be used to coordinate and control multiple RF fixtures and sensors within a room. It manages all energy management functionality both as required by code and as desired by the user. All aspects of the system can be configured to meet the specific needs of the end-user and their application. An initial configuration can be created without any special tools using only the room controller and installed devices within the room. System refinements can be made using the Leviton Neuron app from your smartphone or other Bluetooth enabled Android or iOS device.

NOTES:
- Installs into standard wall boxes.
- May be multi-ganged.
- Multiple devices may be used within the same room for control from multiple locations.
- Each room requires at least one Room Controller.
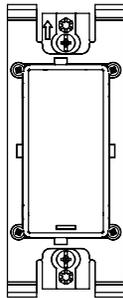
DLDNK-01W
(one button)
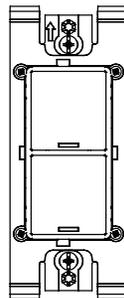
DLDNK-02W
(two buttons)
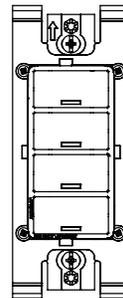
DLDNK-04W
(four buttons)
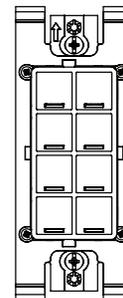
DLDNK-08W
(eight buttons)

INSTALLATION

1. **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!
2. Remove 3/4" of insulation from each wire lead and connect per diagram. After all connections have been made, ensure that all wire connectors are firmly attached and there is no exposed copper.

BK — Hot (Black)

Line
120-277VAC, 60 Hz

WH — Neutral (White)

DLDNK-01W

* Remove tabs if using screw type wallplate
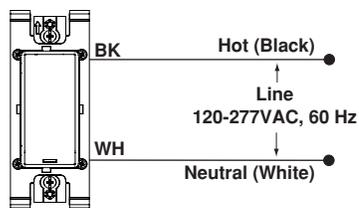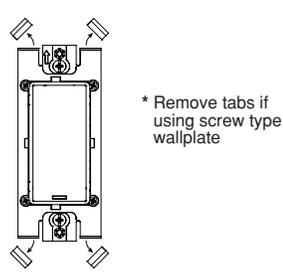
3. Gently place wires and device into wall box and secure with mounting screws.
4. Install Decora® wallplate. **Installation is complete**.

* NOTE: This device accepts Decora® wallplates (both types - screwless and with screws). If screw plates are used, remove the four tabs at the corners of the mounting strap to avoid interference with the wallplate.

COLOR CHANGE AND BUTTON KITS

NOTE: Buttons and wallplates can be custom engraved to your specifications. Contact Leviton for availability and order details. To install a color change kit:
1. Squeeze the sides of the button frame to release snap tabs and remove.
2. Install new buttons and wallplate.

Squeeze sides to release

Line up tabs and press in side to attach   Factory default button
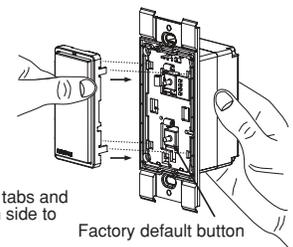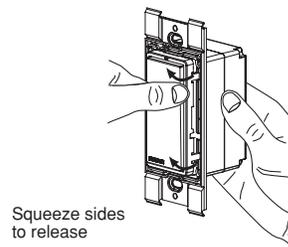
SPECIFICATIONS	
Input Rating	120-277VAC, 40mA Max, 50/60Hz
Standby Power	< 0.5W
Output: None	RF Communication Only
RF Communication	Lumina™ RF for communication to other Lumina™ RF devices
	Bluetooth for communication to an Android or Apple iOS device for configuration, monitoring, and control
Agency Listings	cULus LISTED Energy Mngt. Equip. UL 916, E148771 CSA C22.2 No. 205 FCC Part 15, Class B
Energy Code Compliance	Title 24, ASHRAE 90.1, IECC, DLC Advanced Lighting Controls
IP Rating	IP30

CONFIGURATION AND PROGRAMMING

1. System Configuration is performed using the Leviton Neuron application, downloadable from Google Play or the Apple Store, using any Bluetooth enabled Android or iOS Device. Use the application to:
    a) Manually add/remove fixtures from the room
    b) Adding additional keypads to the room
    c) Change Sensor Parameters like Sensitivity, Timeout, target light level
    d) Create user defined groups of fixtures
    e) Define Scenes (Meeting, Presentation, Lunch, Dinner, Test, etc.)
    f) Monitor Energy Usage and View Energy Usage Trend (on meteorology enabled devices)
2. **Factory Default:** The room controller can be restored to factory default settings by pushing and holding the factory default button (see figure on prior page for location) for 10 seconds when the station is powered up. During the restore process, all LED's on the station will be blinking at you rapidly.
    NOTE: Factory default button is located under the buttons on the PCB. To access, the plate and button assembly needs to be removed.

* It should be expected that refinement is required to the initial configuration. Based on some room geometries, the system may not be able to accurately configured itself automatically. This is a simple process that you will be led through by the Neuron smart device application.

For additional Information about Leviton's Lumina™ RF products including information about installation, use case diagrams, solution sheets, and other related products, please visit www.Leviton.com

FCC COMPLIANCE STATEMENT

The enclosed device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (i.) This device may not cause harmful interference (ii.) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by Leviton could void the user's authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA COMPLIANCE STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This Class B digital apparatus complies with Canadian ICES-003.

TRADEMARK DISCLAIMER: Use herein of third party trademarks, service marks, trade names, brand names and/or product names are for informational purposes only, are/may be the trademarks of their respective owners; such use is not meant to imply affiliation, sponsorship, or endorsement.