

Introduction

Features and Functions

The CLW-DIM1RF (-DIM1RF) and CLW-DIM4RF (-DIM4RF) are stand-alone wall box dimmers that can also act as wireless infiNET™ devices that report to a Crestron® control processor through an infiNET gateway such as the Crestron C2N-MNETGW. The -DIM1RF and -DIM4RF have three preset lighting levels that can be adjusted. For more information, refer to the latest version of the infiNET Dimmers Operations Guide (Doc. 6396) which is available from the Crestron website (www.crestron.com/manuals).

These dimmers are part of Crestron’s line of lighting products using infiNET mesh network technology. infiNET technology is “Wi-Fi” friendly and provides fault tolerance and increased effective signal strength as network devices are added.

Up to 30 infiNET devices (including C2N-MNETRPT infiNET Repeaters) can communicate with one C2N-MNETGW Gateway. If more devices are needed, more C2N-MNETGW gateways may be added to a Cresnet® network.

The infiNET dimmers operate on the 2.4 GHz “ISM band” (2400 MHz to 2483.6 MHz) at 10 mW. The output power of these devices allow RF signals to travel approximately 150 feet indoors and 250 feet outdoors (subject to site-specific conditions) without the use of repeaters or other infiNET devices. The range is dependent on construction of the building, obstructions, and RF interference from other devices. The location of the dimmer is an important factor in determining RF performance. Adding more infiNET devices or repeaters to the network effectively increases the range, strength, and reliability of the network.

The -DIM1RF and -DIM4RF feature a three-position mode selection switch. For more information, refer to the latest version of the infiNET Dimmers Operations Guide (Doc. 6396) which is available from the Crestron website. In the absence of control system communications, the dimmer can still be used to control the attached load.

The CLW-DIMS1RF (-DIMS1RF) and CLW-DIMS4RF (-DIMS4RF) are similar to the -DIM1RF and -DIM4RF (respectively) with the added capability of working with one or more slave units (CLW-SLVD1RF) in a multi-dimmer / single circuit application.

The CLW-SLVD1RF (-SLVD1RF) is a slave unit that when used in conjunction with the -DIMS1RF or -DIMS4RF acts as an additional dimmer control point in a multi-dimmer / single circuit application. It does not

connect to a Cresnet system and cannot be used without a -DIMS1RF or -DIMS4RF. The -SLVD1RF does not have a mode selection switch. It will emulate the RUN mode of the -DIMS1RF (even if connected to a -DIMS4RF) unless the mode selection switch of the master is set to “OFF”. For more information, refer to the latest version of the infiNET Dimmers Operations Guide (Doc. 6396) which is available from the Crestron website.

These dimmers are available in a variety of colors and textures. The table below shows the availability.

Available Colors/Textures

COLOR/TEXTURE	MODEL NUMBER SUFFIX	MATCHING LUTRON FACEPLATE
White	W	Not Applicable
Smooth White	W-S	CW-1-WH
Almond	A	CW-1-LA
Smooth Almond	A-S	CW-1-LA
Black	B	Not Applicable
Smooth Black	B-S	CW-1-BL

Specifications

Following are specifications for the -DIM1RF, -DIM4RF, -DIMS1RF, -DIMS4RF, and -SLVD1RF.

CLW-DIM1RF/-DIM4RF, CLW-DIMS1RF/-DIMS4RF, & CLW-SLVD1RF Specifications

SPECIFICATION	DETAILS
Power Requirements	Line Power, 120 VAC, 60 Hz
Operating Frequency	2400 MHz to 2483.6 MHz (802.15.4 compliant)
RF Output Power	10 mW
Operating Ranges ¹	
Typical Distance Indoors (without repeater)	150 ft
Typical Distance Outdoors	250 ft (subject to site-specific conditions)
Default MNET ID	-DIM1RF/-DIM4RF: 01/01 -DIMS1RF/-DIMS4RF: 01/01
Switch Type	Dimmer
Load Type	Incandescent, Tungsten-Halogen, Magnetic Low Voltage
2-Series Control System Update File ^{2,3}	Version 3.154 or later
Load Ratings ⁴	
Incandescent/Tungsten-Halogen	-DIM1RF/-DIM4RF: 1000W -DIMS1RF/-DIMS4RF: 1000W -SLVD1RF: N/A

(continued on following page)

CLW-DIM1RF/-DIM4RF, CLW-DIMS1RF/-DIMS4RF, & CLW-SLVD1RF Specifications (continued)

SPECIFICATION	DETAILS
Load Ratings (continued) ⁴ Magnetic Low Voltage ⁵	-DIM1RF/-DIM4RF: 1000VA/750W -DIMS1RF/-DIMS4RF: 1000VA/750W -SLVD1RF: N/A
Operating Temperature and Humidity	32°F to 104°F (0°C to 40°C) 10 to 90% Relative Humidity (Non-Condensing)
Dimensions and Weight	-DIM1RF/-DIM4RF and -DIMS1RF/-DIMS4RF: Height: 4.13 in (10.48 cm) Width: 2.38 in (6.03 cm) Depth: 1.88 in (4.77 cm) Weight: 4.9 oz (0.67 kg) -SLVD1RF: Height: 4.13 in (10.48 cm) Width: 1.75 in (4.45 cm) Depth: 1.88 in (4.77 cm) Weight: 3.6 oz (0.50 kg)

1. The range is dependent on its placement and the building in which it is used. The construction of the building, obstructions, and RF interference from other devices are factors determining the effective range of the unit.
2. The latest software versions can be obtained from the Crestron website. Refer to the NOTE following these footnotes.
3. Crestron 2-Series control systems include the AV2 and PRO2. Consult the latest Crestron Product Catalog for a complete list of 2-Series control systems.
4. Refer to Derating Charts for Multigang Installations on page 4.
5. VA ratings are for input power to the transformer. If you do not know the input power requirement of the transformer, use the bulb's wattage rating to determine proper rating.

NOTE: Crestron software and any files on the website are for Authorized Crestron dealers and Crestron Authorized Independent Programmers (CAIP) only. New users may be required to register to obtain access to certain areas of the site (including the FTP site).

Physical Description

The -DIM1RF and -DIMS1RF contain one rocker button, a light emitting diode (LED) with software-adjustable brightness, and a three-position slider-switch, shown in the next column and on the following page.

The -DIM4RF and -DIMS4RF contain four pushbuttons, a light emitting diode (LED) with software-adjustable brightness, and a three-position slider-switch, shown in the next column and on the following page.

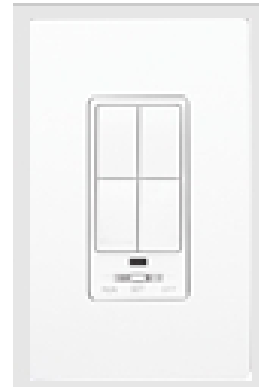
The -SLVD1RF is similar to the -DIM1RF and -DIMS1RF but does not have the slider-switch. The brightness of the LED on the -SLVD1RF is not programmable.

Line voltage connections are made at the rear of the dimmer.

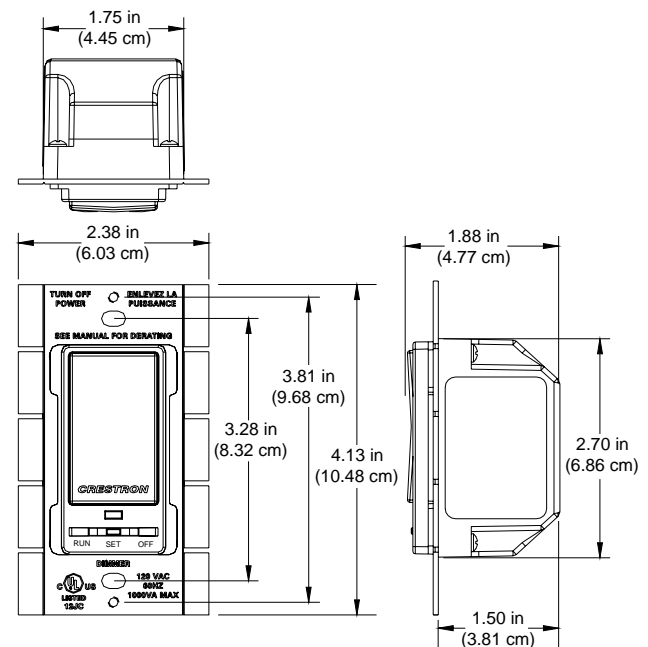
CLW-DIM1RF/-DIMS1RF (L) and CLW-SLVD1RF (R) shown in white



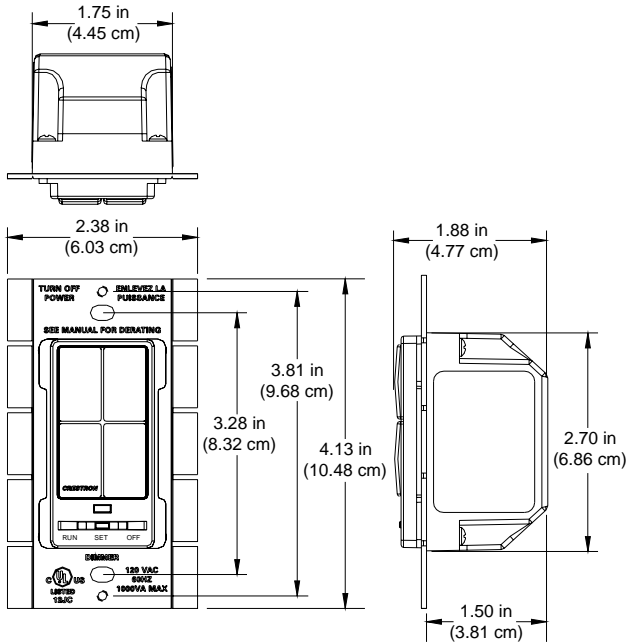
CLW-DIM4RF/-DIMS4RF shown in white



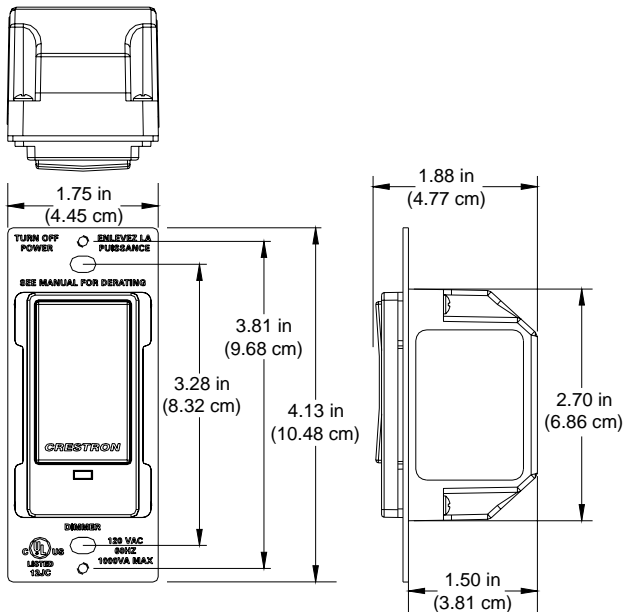
Physical view of CLW-DIM1RF/-DIMS1RF (clockwise from top; Top, Side, and Front)



Physical view of CLW-DIM4RF/-DIMS4RF (clockwise from top; Top, Side, and Front)



Physical view of CLW-SLVD1RF (clockwise from top; Top, Side, and Front)



These devices mount in a standard wallbox and are covered using a decorative faceplate (not included).

Industry Compliance

This product is Listed to applicable UL Standards and requirements by Underwriters Laboratories Inc.



FCC ID: EROCWD1011

Compliance Statement (Part 15.19)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning (Part 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure (OET Bulletin 65)

To comply with FCC's RF exposure limits for general population / uncontrolled exposure, this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada Statement

The term "IC" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

IC: 5683A-CWD1011

Important Notes

Read before installation.

- Codes: Install in accordance with all local and national electrical codes.
- **CAUTION:** TO REDUCE THE RISK OF OVERHEATING AND POSSIBLE DAMAGE TO OTHER EQUIPMENT, DO NOT INSTALL TO CONTROL A RECEPTACLE OR A MOTOR OPERATED APPLIANCE (i.e. BATH FAN).
- Wiring: Use copper wire only. For supply connections, use wires rated for at least 75°C.
- Lamp Type: The -DIM1RF, -DIM4RF, -DIMS1RF, -DIMS4RF, and -SLVD1RF are designed for use with permanently installed incandescent, magnetic low voltage, or tungsten-halogen only.
- Temperature: The -DIM1RF, -DIM4RF, -DIMS1RF, -DIMS4RF, and -SLVD1RF are designed for use where temperatures are between 32° to 104°F (0° to 40°C).

- **Wallboxes:** Devices mount in standard wallboxes. For easy installation, Crestron recommends using 3 ½” deep wallboxes. Several devices can be installed in one wall box (multigang). This requires the removal of side sections (refer to diagram on page 4) and the derating of the dimming device. For a smooth appearance, one-piece multigang faceplates (not supplied) can be installed.
- **Other Switch Devices:** Mechanical 3- or 4-way switches will not work with the -DIM1RF, -DIM4RF, -DIMS1RF, -DIMS4RF, and -SLVD1RF.
- **Spacing:** If mounting one device above another, leave at least 4 ½” vertical space between them.
- **Low Voltage Applications:** Use with core and coil (magnetic) low voltage transformers only. Do not use any solid-state electronic low voltage transformers.

Operation of a low voltage circuit with all lamps inoperative or removed may result in current flow in excess of normal levels. To avoid transformer overheating and premature transformer failure, Crestron recommends the following:

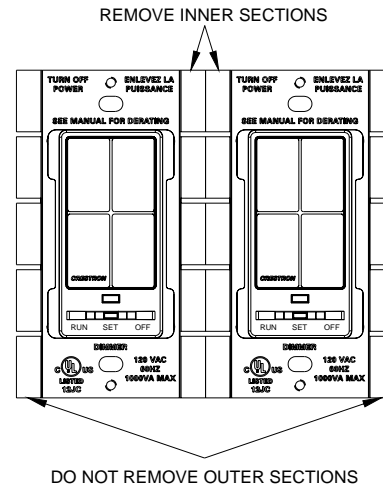
- Do not operate low voltage circuits without operative lamps in place.
- Replace burned-out lamps as quickly as possible.
- Use transformers that incorporate thermal protection or fuse transformer primary windings to prevent transformer failure due to overcurrent.

Multigang Installations

In multigang installations, several controls are grouped horizontally in one wallbox. For a smooth appearance, one-piece multigang faceplates (not supplied) can be installed.

1. When combining controls in a wallbox, remove inner side sections prior to wiring as shown in the following diagram.

Inner Sections of Multiganged Switches (CLW-DIM4RF shown)



The load capacity must also be derated. The following charts provide derating information for various applications.

Derating Information for Incandescent and Tungsten-Halogen Applications

Part Number	No Side Removed	One Side Removed	Two Sides Removed
-DIM1RF/ -DIM4RF	1000W	700W	550W
-DIMS1RF/ -DIMS4RF	1000W	700W	550W
-SLVD1RF	No Derating Necessary		

Derating Information for Magnetic Low Voltage Applications*

Part Number	No Side Removed	One Side Removed	Two Sides Removed
-DIM1RF/ -DIM4RF	1000VA/ 750W	700VA/500W	550VA/ 400W
-DIMS1RF/ -DIMS4RF	1000VA/ 750W	700VA/500W	550VA/ 400W
-SLVD1RF	No Derating Necessary		

* VA ratings are for input power to the transformer. If you do not know the input power requirement of the transformer, use the bulb's wattage rating to determine proper rating.

2. To remove a side section, bend the side section back and forth with a pair of pliers until the section breaks off from the mounting plate. Use a file or sandpaper to remove any excess metal.

Installation

WARNING: Turn off power at the circuit breaker. Installing with power on can result in serious personal injury and damage to the device.

NOTE: The -DIM1RF, -DIM4RF, -DIMS1RF, -DIMS4RF, and -SLVD1RF require a neutral wire in the wallbox for operation. If no neutral is present, contact a licensed electrician for installation or refer to the alternative wiring diagrams described in “Appendix: Wiring Diagrams” on page 9.

NOTE: The -DIMS1RF and -DIMS4RF must be installed in the same wallbox that contains the connections to the load.

NOTE: New installations should be checked for short circuits prior to installing an infiNET dimmer. With power off, close the circuit and restore power. If the lights do not work or a breaker trips, check and correct the wiring or fixture (if necessary). Install the dimmer only when the short is no longer present. **The warranty is void if the dimmer is installed and operated with a shorted load.**

When installing a -DIMXRF or a -DIMSXRF without a slave, follow the instructions in “Wiring a -DIM(S)XRF (No Slaves)” below. If wiring a -DIMSXRF with a -SLVD1RF, refer to “Wiring a -DIMSXRF with One or More -SLVD1RFs” in the next column.

Wiring a -DIM(S)XRF (No Slaves)

The following describes the installation of a stand-alone -DIM1RF, -DIM4RF, -DIMS1RF or -DIMS4RF.

1. Turn power off at the circuit breaker.
2. Wire the dimmer as shown in Figure 1 on page 9.

NOTE: The RED (Load) and BLACK (Hot) wires are #14 AWG. The BLUE (Slave) and WHITE (Neutral) wires are #18 AWG. The GREEN (Ground) wire is #16 AWG.

NOTE: Since the -DIMS1RF or -DIMS4RF is installed without a -SLVD1RF, the BLUE lead (Slave) should be capped.

Alternative Wiring

For situations where a neutral is not present or other scenarios that may be encountered during installation, refer to the “Stand-Alone Installations” section of “Appendix: Wiring Diagrams” on page 9.

3. Push all power wires back into the wallbox and fasten the device to the wallbox with the provided screws.
4. Attach decorative faceplate.
5. Restore power at the circuit breaker.

Wiring a -DIMSXRF with One or More -SLVD1RFs

NOTE: The -DIMS1RF and -DIMS4RF must be installed in the same wallbox that contains the connections to the load.

The following describes installation of a -DIMSXRF master with a -SLVD1RF slave.

1. Turn power off at the circuit breaker.
2. Wire the dimmers as shown in Figure 4 on page 10.

NOTE: Do not connect the BLUE (Slave) wire to the Black (Hot) or RED (Load) wires.

NOTE: The RED (Load) and BLACK (Hot) wires are #14 AWG. The BLUE (Slave) and WHITE (Neutral) wires are #18 AWG. The GREEN (Ground) wire is #16 AWG.

NOTE: If a -DIMS1RF or -DIMS4RF is installed without a -SLVD1RF, the BLUE lead (Slave) should be capped.

NOTE: The WHITE (Neutral) connection on the -SLVD1RF is optional and is only required for operation of the LED. If the neutral is not available, the white lead should be capped off.

Alternative Wiring

For situations where a neutral is not present or other scenarios that may be encountered during installation, refer to the “Master-Slave Installations” section of “Appendix: Wiring Diagrams” on page 10.

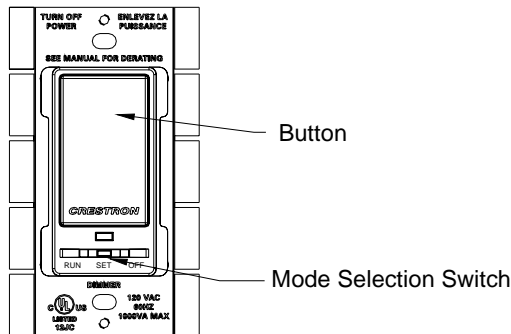
3. Push all power wires back into the wallbox and fasten the devices to their respective wallboxes with the provided screws.
4. Attach decorative faceplates.
5. Restore power at the circuit breaker.

Testing

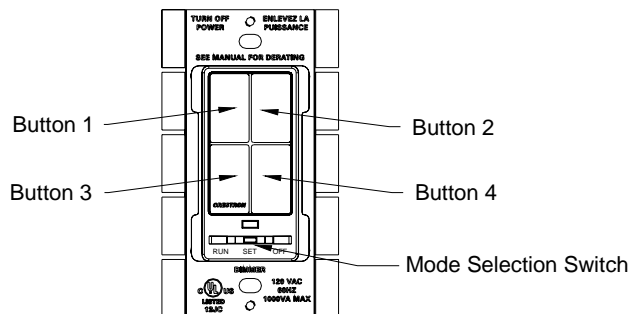
NOTE: The device may be warm to the touch during operation. This is normal.

Test the installation by setting the dimmer’s mode selection switch (shown in the following diagrams) to the “RUN” position and perform either of the following steps (depending on the dimmer model).

Parts of CLW-DIM1RF and -DIMS1RF



Parts of CLW-DIM4RF, -DIMS4RF



Testing a -DIM1RF or -DIMS1RF

With the mode selection switch in the “RUN” position, tap the top of the button to turn on the load. Tap the bottom of the button to turn off the load.

For detailed operating instructions, refer to the latest revision of the infiNET Dimmers Operations Guide (Doc. 6396) which is available from the Crestron website.

Testing a -DIM4RF or -DIMS4RF

With the mode selection switch in the “RUN” position, tap the Button 1 to turn on the load. Tap Button 1 again to turn off the load.

For detailed operating instructions, refer to the latest revision of the infiNET Dimmers Operations Guide (Doc. 6396) which is available from the Crestron website.

Testing a -SLVD1RF

Tap the top of the button to turn on the load. Tap the bottom of the button to turn off the load. It will emulate the RUN mode of the -DIMS1RF (even if connected to a -DIMS4RF) unless the mode selection switch of the master is set to “OFF”. For more information, refer to the latest version of the infiNET Dimmers Operations Guide (Doc. 6396) which is available from the Crestron website.

infiNET Network

Before an infiNET dimmer can be used in a controlled lighting system, it must first be acquired to a C2N-MNETGW gateway that is connected to a Cresnet network.

NOTE: The -DIM1RF, -DIM4RF, -DIMS1RF, and -DIMS4RF can also work as stand-alone wall box dimmers without being acquired by a C2N-MNETGW.

NOTE: A dimmer can be acquired to only one gateway.

To acquire a -DIM1RF/-DIM4RF/-DIMS1RF/-DIMS4RF to a C2N-MNETGW, perform the following:

1. Put the C2N-MNETGW in the *Acquire* mode, from the unit itself or from Crestron Toolbox™, as described in the latest revision of the C2N-MNETGW Operations Guide (Doc. 6317) which is available from the Crestron website or the Crestron Toolbox help file.

NOTE: In an environment where multiple gateways are installed, only one gateway should be in the *Acquire* mode at a time.

2. Place the -DIM1RF/-DIM4RF/-DIMS1RF/-DIMS4RF into the *Acquire* mode by doing the following:
 - a. Move the mode selection switch (located under the LED) to the “OFF” position.
 - b. Press and hold the top or bottom of the button on the -DIM1RF/-DIMS1RF or any button on the -DIM4RF/-DIMS4RF.
 - c. While holding the button, slide the mode selection switch to the “RUN” position.
 - d. Hold the button for approximately five seconds until the LED flashes HIGH once. Immediately release the button after the LED blinks to start the switch’s *Acquire* mode.

NOTE: Holding the button for a significant time after the first flash may enter other modes. If this is not desired, return the mode selection switch to the “OFF” position without releasing the button and repeat step 2.

After approximately ten seconds, the LED will start to blink slowly and the dimmer will attempt to acquire with a C2N-MNETGW that is in the *Acquire* mode. The device is acquired when the LED stops blinking and lights at the LOW setting. After being acquired, the device will exit the *Acquire* mode.

The dimmer will be acquired on the C2N-MNETGW with an MNET ID value of 01. If the dimmer was previously acquired on another infiNET network, the dimmer will be acquired on the C2N-MNETGW with its previous MNET ID.

3. Take the C2N-MNETGW out of the *Acquire* mode once all devices have been acquired. Refer to the latest revision of the C2N-MNETGW Operations Guide (Doc. 6317), which is available from the Crestron website.

For more information, refer to the latest version of the infiNET Dimmers Operations Guide (Doc. 6396) which is available from the Crestron website.

Problem Solving

Troubleshooting

The table after this paragraph provides corrective action for possible trouble situations. If further assistance is required, please contact a Crestron customer service representative.

infiNET Dimmer Troubleshooting

TROUBLE	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Dimmer does not function.	Dimmer is not receiving line power.	Verify that the dimmer is properly connected to power line and that the circuit breaker is closed.
	Load is not connected.	Verify that load is operational and that the mode selection switch is in the RUN position.

If the dimmer does not function after performing the above corrective actions, restore the dimmer’s default settings by moving the mode selection switch to the “RUN” position. While holding the pushbutton (hold “UP” on the -DIM1RF and -DIMS1RF, or hold Button 1 on the -DIM4RF or -DIMS4RF), move the mode selection switch to the “SET” position and back to the “RUN” position. Release the pushbutton. The LED will flash once to confirm that the default values have been restored.

Further Inquiries

If you cannot locate specific information or have questions after reviewing this guide, please take advantage of Crestron’s award winning customer service team by calling the Crestron corporate headquarters at 1-888-CRESTRON [1-888-273-7876].

You can also log onto the online help section of the Crestron website (www.crestron.com/onlinehelp) to ask questions about Crestron products. First-time users will need to establish a user account to fully benefit from all available features.

Future Updates

As Crestron improves functions, adds new features, and extends the capabilities of the device, additional information may be made available as manual updates. These updates are solely electronic and serve as intermediary supplements prior to the release of a complete technical documentation revision.

Check the Crestron website periodically for manual update availability and its relevance. Updates are identified as an “Addendum” in the Download column.

Return and Warranty Policies

Merchandise Returns / Repair Service

1. No merchandise may be returned for credit, exchange or service without prior authorization from CRESTRON. To obtain warranty service for CRESTRON products, contact an authorized CRESTRON dealer. Only authorized CRESTRON dealers may contact the factory and request an RMA (Return Merchandise Authorization) number. Enclose a note specifying the nature of the problem, name and phone number of contact person, RMA number and return address.
2. Products may be returned for credit, exchange or service with a CRESTRON Return Merchandise Authorization (RMA) number. Authorized returns must be shipped freight prepaid to CRESTRON, 6 Volvo Drive, Rockleigh, N.J. or its authorized subsidiaries, with RMA number clearly marked on the outside of all cartons. Shipments arriving freight collect or without an RMA number shall be subject to refusal. CRESTRON reserves the right in its sole and absolute discretion to charge a 15% restocking fee plus shipping costs on any products returned with an RMA.
3. Return freight charges following repair of items under warranty shall be paid by CRESTRON, shipping by standard ground carrier. In the event repairs are found to be non-warranty, return freight costs shall be paid by the purchaser.

CRESTRON Limited Warranty

CRESTRON ELECTRONICS, Inc. warrants its products to be free from manufacturing defects in materials and workmanship under normal use for a period of three (3) years from the date of purchase from CRESTRON, with the following exceptions: disk drives and any other moving or rotating mechanical parts, pan/tilt heads and power supplies are covered for a period of one (1) year; touchscreen display and overlay components are covered for 90 days; batteries and incandescent lamps are not covered.

This warranty extends to products purchased directly from CRESTRON or an authorized CRESTRON dealer. Purchasers should inquire of the dealer regarding the nature and extent of the dealer's warranty, if any.

CRESTRON shall not be liable to honor the terms of this warranty if the product has been used in any application other than that for which it was intended or if it has been subjected to misuse, accidental damage, modification or improper installation procedures. Furthermore, this warranty does not cover any product that has had the serial number altered, defaced or removed.

This warranty shall be the sole and exclusive remedy to the original purchaser. In no event shall CRESTRON be liable for incidental or consequential damages of any kind (property or economic damages inclusive) arising from the sale or use of this equipment. CRESTRON is not liable for any claim made by a third party or made by the purchaser for a third party.

CRESTRON shall, at its option, repair or replace any product found defective, without charge for parts or labor. Repaired or replaced equipment and parts supplied under this warranty shall be covered only by the unexpired portion of the warranty.

Except as expressly set forth in this warranty, CRESTRON makes no other warranties, expressed or implied, nor authorizes any other party to offer any warranty, including any implied warranties of merchantability or fitness for a particular purpose. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.

Trademark Information

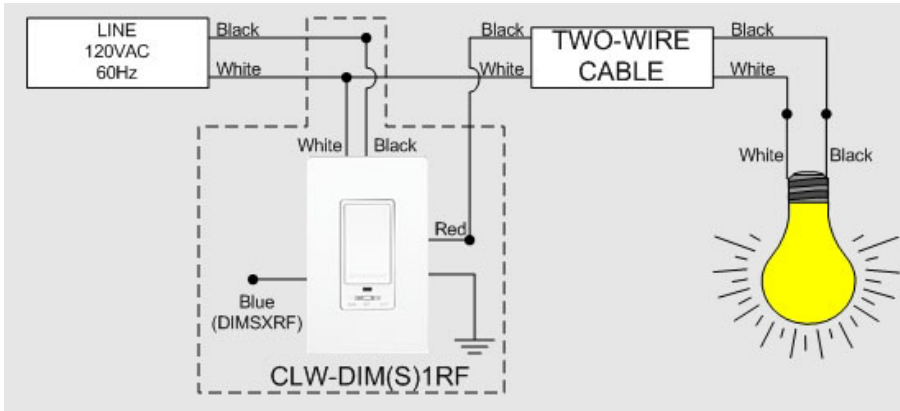
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Appendix: Wiring Diagrams

Following are wiring diagrams for circuits that may be found when installing infiNET dimmers:

Stand-Alone Installations

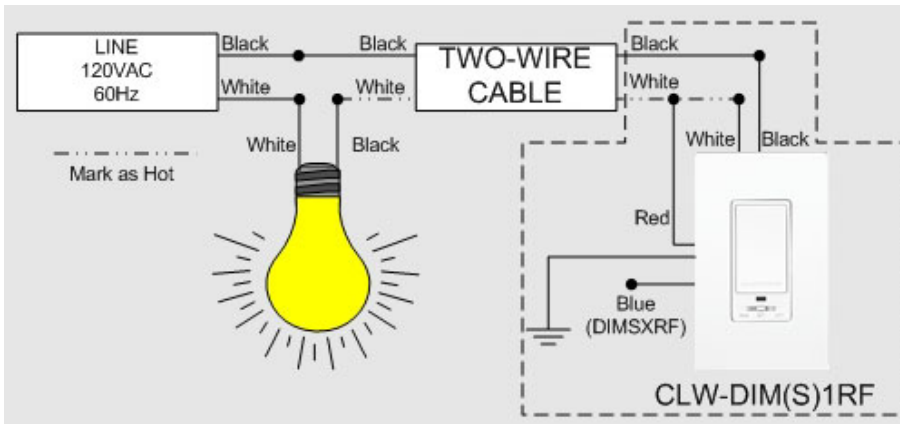
Figure 1: Wiring a CLW-DIM(S)XRF (CLW-DIMS1RF shown)



- Since a -DIMSXRF is installed without a slave, the blue lead of the -DIMS1/4RF must be capped.

If a neutral is not present in the wallbox, the wiring shown in the following diagram can be used.

Figure 2: Alternative Wiring of -DIM1RF, -DIMS1RF, -DIM4RF, and -DIMS4RF Where Neutral is Not Present (Load-Fed Switch Loop)

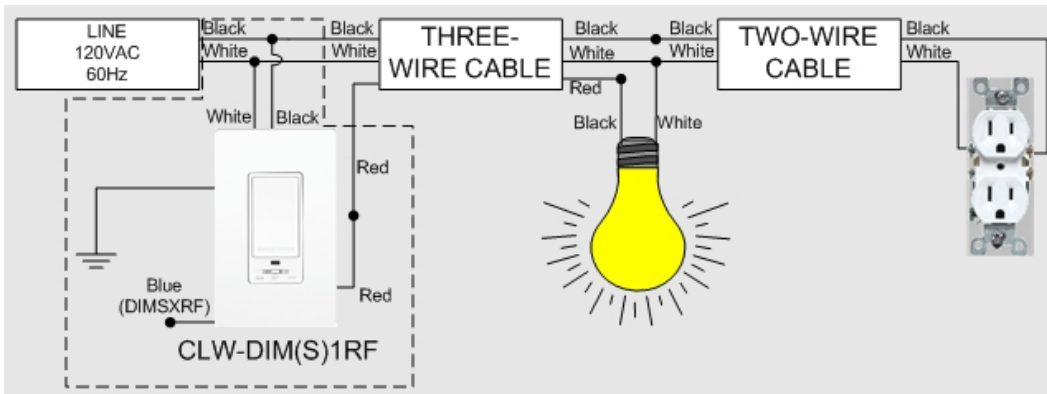


In the above configuration:

- The white wire from the DIMSXRF to the load is coded HOT.
- Since a -DIMSXRF is installed without a slave, the blue lead of the -DIMS1/4RF must be capped.
- The minimum load requirement is 100W.
- Bulb noise may be present even when the load is off.
- Circuits with small magnetic low-voltage loads may not work.

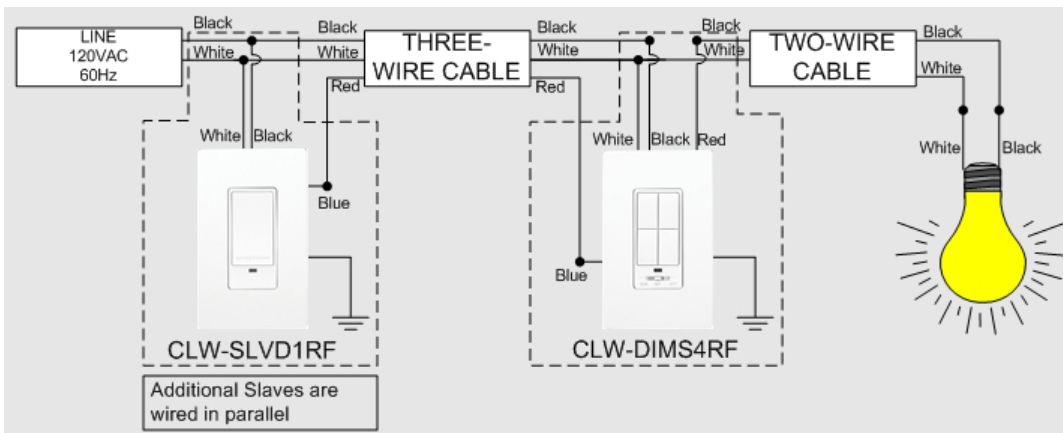
To continue a circuit past a switched light fixture to one or more duplex receptacles, connect the dimmer as shown in the following diagram.

Figure 3: Adding a Duplex Receptacle Past a Switched Light Fixture



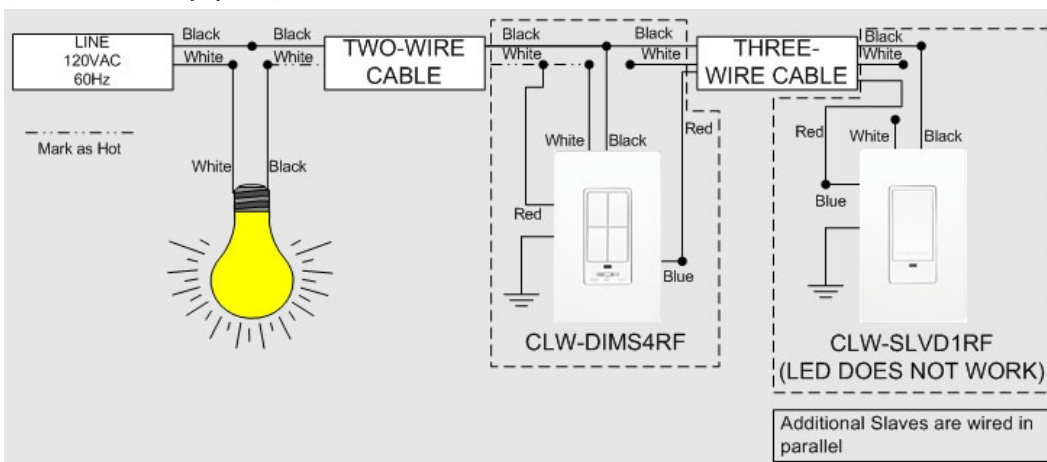
Master-Slave Installations

Figure 4: Wiring a CLW-DIMSXRf (CLW-DIMS4RF shown) with a CLW-SLVD1RF



If a neutral is not present in the wallbox, the wiring methods shown in the following diagrams can be used when wiring a -DIMSXRf with -SLVD1RF devices.

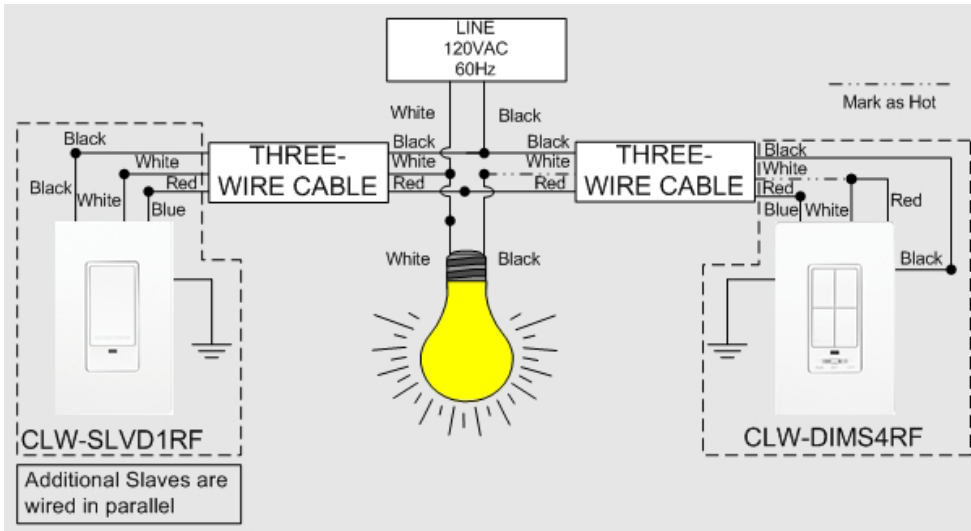
Figure 5: Alternative Wiring of -DIMSXRf (CLW-DIMS4RF shown) with -SLVD1RFs Where Neutral is Not Present (End-Fed three-way system)



In this configuration:

- The white wire from the DIMSXRF to the load is coded HOT.
- The white wire of the -SLVD1RF must be capped.
- The white line between -DIMSXRF and the -SLVD1RF must be capped on both ends.
- The minimum load requirement is 100W.
- Bulb noise may be present even when the load is off.
- The LED on an attached -SLVD1RF slave unit will not function.
- Circuits with small magnetic low-voltage loads may not work.

Figure 6: Alternative Wiring of -DIMSXRF (CLW-DIMS4RF shown) with -SLVD1RF Where Neutral is Not Present (Center-Fed three-way system)



In the above configuration:

- The white wire from the -DIMSXRF to the load is coded HOT.
- The minimum load requirement is 100W.
- Bulb noise may be present even when the load is off.
- Circuits with small magnetic low-voltage loads may not work.

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