

## RadioRA®-SR

## Installation Instructions

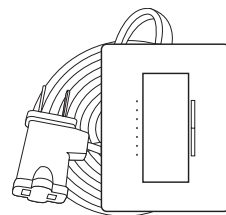
Please Read Before Installing

## RF Lamp Dimmer

SRD-3LD

120 V~ 50/60 Hz

Lamp Dimmer

For Installation Guides, System Setup Guide and Setup tools visit <http://www.lutron.com/radiorasr>.

## Load Specifications:

Lamp Dimmer	Load Type	Min. Load	Max. Load
SRD-3LD	Incand.	10 W	300 W
	MLV	10 W/VA	200 W/ 300 VA

## Important Notes

**WARNING** - To avoid the risk of entrapment, serious injury, or death, these controls must not be used to control equipment which is not visible from every control location or which could create hazardous situations such as entrapment if operated accidentally. Examples of such equipment which must not be operated by these controls include (but are not limited to) motorized gates, garage doors, industrial doors, microwave ovens, heating pads, etc. It is the installer's responsibility to ensure that the equipment being controlled is visible from every control location and that only suitable equipment is connected to these controls. Failure to do so could result in serious injury or death.

**NOTICE:** To avoid overheating and possible damage to other equipment, do not use to control motor-operated or transformer-supplied appliances or other non-lighting loads.

**Codes:** Install in accordance with all local and national electrical codes.

**Environment:** Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only.

**Cordset:** The cordset length is 6 ft (1.8 m).

**Cleaning:** To clean, wipe with a clean damp cloth. **DO NOT** use any chemical cleaning solutions.

## Technical Assistance:

U.S.A./Canada: 1.800.523.9466  
Mexico: +1.888.235.2910  
Other Countries: +1.610.282.3800  
24 hours a day, 7 days a week.

**Lamp Type:** Lamp Dimmers are designed for use with incandescent, magnetic low-voltage, and tungsten halogen lightbulbs only. Do not use to control fluorescent lightbulbs or table lamps with an integral dimmer or touch lamps. For lamps with integral 3-way switches, switch should be set to full on position. Lamp Dimmers may not work with dioded lightbulbs.

**Low-voltage Applications:** Use Lamp Dimmers with magnetic (core and coil) low-voltage lamps only. Not for use with electronic (solid-state) low-voltage lamps. Operation of a low-voltage circuit with lightbulbs inoperative or removed may result in transformer overheating and premature failure. Lutron strongly recommends the following:

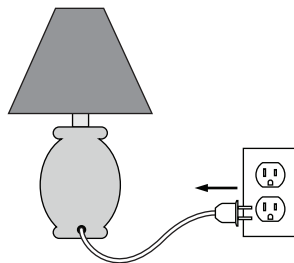
- Do not operate low-voltage circuits without operative lightbulbs in place.
- Replace burned-out lightbulbs as quickly as possible.
- Use transformers that incorporate thermal protection or fused transformer primary windings to prevent transformer failure due to overcurrent.

**RF Device Placement:** RF Lamp Dimmers must be located within 30 ft (9 m) of controlling keypads or an Integrated Scene Controller.

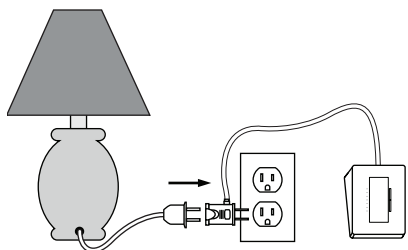
RF Lamp Dimmers cannot be controlled by other devices until they are programmed in a RadioRA-SR system according to the **RadioRA-SR Setup Guide**.

## Installation

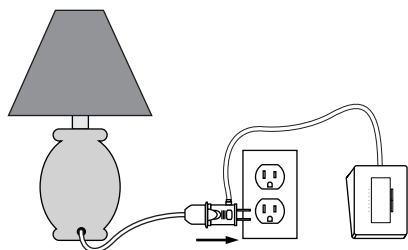
1. Find a suitable location for the RF Lamp Dimmer. Place the RF Lamp Dimmer in a convenient and accessible location.
2. Turn lamp OFF and unplug lamp cord from wall outlet.



3. Plug lamp cord into the RF Lamp Dimmer plug.



4. Plug RF Lamp Dimmer into any standard wall outlet.

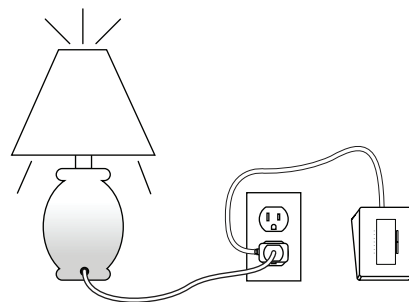


**NOTE:** This is a **POLARIZED** cord set. It has a polarized plug (one blade is wider than the other) and outlet (one slot is wider than the other).

The polarized plug is not intended to be mated with nonpolarized outlets (having both slots the same size).

A polarized outlet is intended to mate with a polarized plug in only one way (the longer slot with the wider blade).

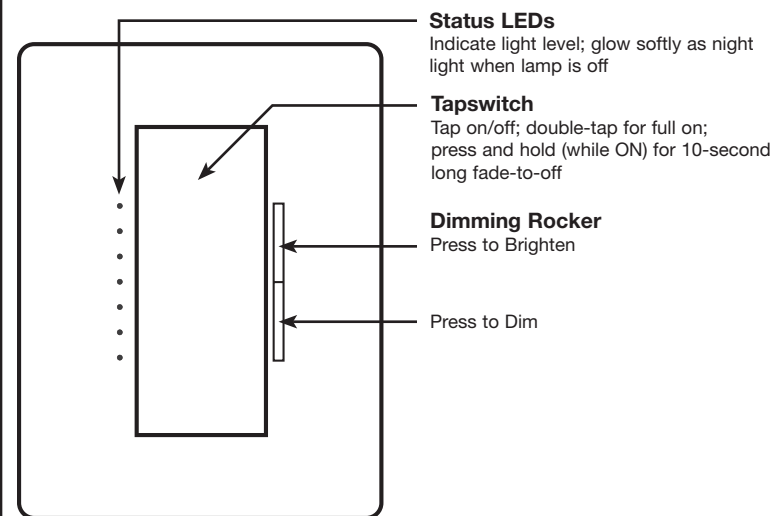
5. Turn lamp switch ON and operate RF Lamp Dimmer.



## Local Operation

Pressing the Tapswitch on the Lamp Dimmer will alternately turn the lights ON and OFF.

The ON level will be the level previously set using the Dimming Rocker to the right of the Tapswitch. The LED that is glowing slightly brighter than the others indicates the level to which the lights will turn ON. Press and hold the top or bottom of the Dimming Rocker to raise or lower the light level. Double-tapping the Tapswitch will turn the lights ON to full. Pressing and holding the Tapswitch for 1/2 second (while ON) activates a 10-second long fade-to-off.



**WARNING:** To avoid risk of electrical shock, do not open, cut cord, or rewire device. Modification of the device can result in personal injury or death.

**WARNING:** To avoid risk of electrical shock, unplug Lamp Dimmer when changing light bulbs. Changing light bulbs with the power on could result in personal injury or death.

## Troubleshooting Guide

Symptom	Probable Cause and Action
Light does not turn ON, but LEDs on Lamp Dimmer are ON	<b>Switch on lamp is turned OFF</b> • Turn lamp switch to full ON.
	<b>Lightbulbs are burned out or not installed</b> • Replace or install lightbulbs.
	<b>Dioded lightbulbs</b> • If dioded lightbulbs are being used, replace with non-diode lightbulbs.
Light does not turn ON, and LEDs on Lamp Dimmer are OFF	<b>Circuit breaker is OFF</b> • Turn circuit breaker ON.
	<b>Cord is not plugged in</b> • Plug cord into wall outlet as shown in <b>Installation</b> .
Lamp Dimmer does not dim properly or lights flicker	<b>Lamp has an integral dimmer</b> • Use lamp without an integral dimmer.
	<b>3-way switch on lamp is not set to full ON</b> • Turn 3-way switch on lamp to full ON
Lights don't turn ON/OFF from Keypad or Integrated Scene Controller	<b>Improper programming</b> • Program according to the <b>RadioRA-SR Setup Guide</b> .
	<b>Out of RF range</b> • Reposition to be within 30 ft (9 m) of controlling keypads or an Integrated Scene Controller.
Lamp Dimmer is warm	<b>Solid-state control dissipation</b> • Solid-state dimmers internally dissipate about 2% of the total connected load. It is normal for dimmers to feel warm to the touch during operation.

## Returning Lamp Dimmers to Factory Settings

*Note: Returning a Lamp Dimmer to its Factory Settings will remove the Lamp Dimmer from the system and erase all programming.*

1. Triple-tap and hold the tapswitch. DO NOT release after third tap.
2. Continue to hold the tapswitch on the third tap until LEDs start to scroll up and down quickly (approximately 3 seconds).
3. Release the tapswitch and immediately triple-tap it again. The LEDs will scroll up and down slowly. When the LEDs stop scrolling, the Lamp Dimmer has been returned to Factory Settings.

**Warranty:** For Warranty information, please see the enclosed Warranty, or visit [www.lutron.com/resiinfo](http://www.lutron.com/resiinfo).