RadioRA® 2 Lamp Dimmers

RadioRA® 2 Lamp Dimmers function much like standard lamp dimmers, but can be controlled as part of a lighting control system. Lamp Dimmers are useful in locations where plug-in lamps need to be dimmed or non-dimmable lighting loads need to be switched.

RadioRA® 2 Lamp Dimmers incorporate advanced features such as fade on/fade off, delayed long fade off, and rapid full on.

RadioRA® 2 Lamp Dimmers are simple to install and easy to use. Lamp Dimmers allow floor and table lamps to be added to a system quickly and easliy.

RRD-3LD

Model Numbers

RRD-3LD-XX* 300 W/300 VA Lamp Dimmer

*See **Colors and Finishes** below.

Colors and Finishes

RadioRA® 2 Lamp Dimmers are available in 2 colors.

Snow
SW

Midnight
MN

RadioRA® 2 Lamp Dimmers

Specifications

Model Numbers	RRD-3LD-SW, RRD-3LD-MN
Power	120 V~ 50/60 Hz
Typical Power Consumption	0.25 W Test conditions: load is off and nightlight mode enabled.
Regulatory Approvals	UL, CSA, NOM, FCC, IC, COFETEL
Environment	Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only.
Communications	Lamp Dimmers communicate with the system through Radio Frequency (RF) and must be located within 30 ft (9 m) of a repeater. System devices operate on frequencies between 431.0 MHz and 437.0 MHz.
ESD Protection	Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
Surge Protection	Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
Power Failure	Power failure memory: should power be interrupted, the Lamp Dimmer will return to its previous state when power is restored.
Warranty	1 Year Limited Warranty. http://www.lutron.com/resiinfo

Design Features

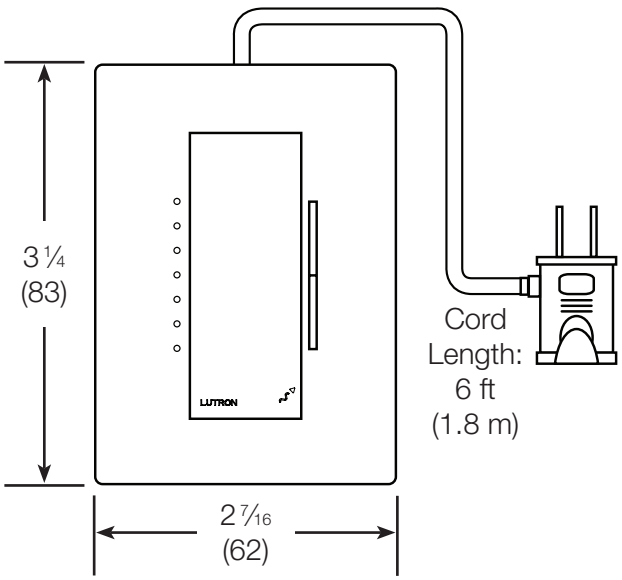
- On a single-tap, lights fade ON or OFF.
- On a double-tap, lights go to full ON.
- When ON, press and hold to engage the delayed long fade to OFF.
- Light levels can be fine-tuned by pressing and holding the dimming rocker until the desired light level is reached.
- Control non-dimmable lighting loads in switching mode.

RadioRA® 2 Lamp Dimmers

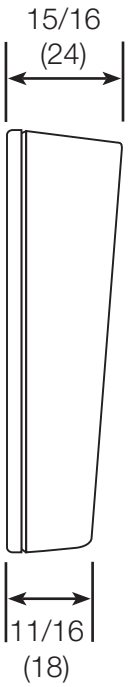
Dimensions

All dimensions are shown as in (mm) unless otherwise noted.

Front View

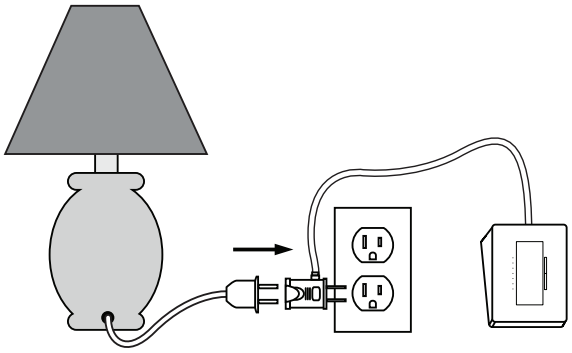


Side View

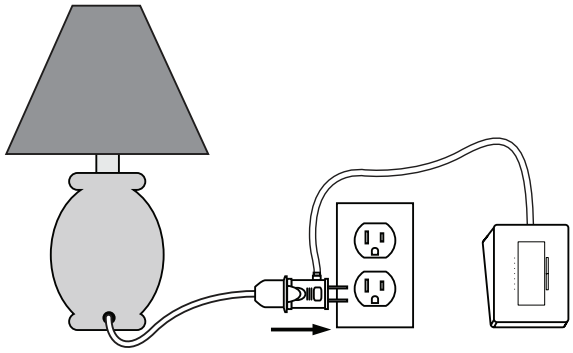


Installation

Plug lamp cord into the Lamp Dimmer plug.



Plug Lamp Dimmer into standard wall outlet.



NOTE: *This is a* ***POLARIZED*** *cord. 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).*

RadioRA® 2 Lamp Dimmers

Load type and capacity

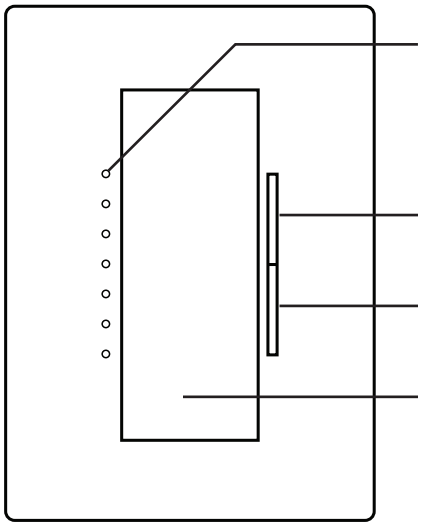
Load Type[1]	Minimum Load	Maximum Load
Incandescent, Halogen	10 W	300 W
MLV[2]	10 W/VA	200 W/300 VA
CFL, Fluorescent, ELV (Switching Mode Only)	10 W	300 W

1 Lamp Dimmers are designed to dim incandescent, magnetic low-voltage, or tungsten halogen table or floor lamp. Lamp Dimmers can be configured to switch a CFL, fluorescent, or electronic low-voltage load. Use with lighting loads only. Do not use to control a lamp that contains an integral dimmer or a touch lamp. For a lamp with an integral 3-way switch, the switch should be set to full on position. Lamp Dimmers may not work with dioded light bulbs. Always use a load that complies with the **Load type and capacity** table above. Always use a light bulb that remains within the wattage rating of the light fixture.

2 Low-Voltage Applications: Use Lamp Dimmers with magnetic (core and coil) low-voltage transformers only. Not for use with electronic (solid-state) low-voltage transformers. Operation of a low-voltage circuit with lamps inoperative or removed may result in transformer overheating and premature failure. Lutron strongly 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 fused transformer primary windings to prevent transformer failure due to overcurrent.

Operation



Status LEDs
Indicate light level; glow softly as night light when light is off

Dimming Rocker
Press to brighten

Press to dim

Tapswitch
Tap on/off