

**RF Lamp Dimmer
HQR-3LD**

120 V~ 50/60 Hz

Typical power consumption*: 0.3 W

Installation Instructions

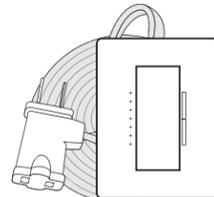
Please Read Before Installing

Use these instructions to install the model number listed above.

Lamp Dimmer

Load Specifications:

Dimmer	Load Type	Min. Load	Max. Load
HQR-3LD	Incandescent, Halogen	10 W	300 W
	MLV	10 W/VA	200 W/300 VA
	CFL, Fluorescent, ELV (Switching Mode Only)	10 W	300 W


Important Notes

WARNING: Entrapment hazard. 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.

Cord: The cord length is 6 ft (1.8 m).

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

Load Type: The HQR-3LD is designed to dim one incandescent, magnetic low-voltage, or tungsten halogen lamp. The HQR-3LD can be configured through the *HomeWorks QS* software to switch a compact fluorescent, 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. The HQR-3LD may not work with dioded light bulbs. Always use a load that complies with the **Load Specifications** table above. Always use a light bulb that remains within the wattage rating of the light fixture.

Low-Voltage Applications: Lamp Dimmers can be used with magnetic (core and coil) low-voltage transformers in both dimming and switching modes. Use with electronic (solid-state) low-voltage transformers in switching mode only. Operation of a low-voltage circuit with light bulbs inoperative or removed may result in transformer overheating and premature failure. Lutron strongly recommends the following:

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

RF Device Placement: RF devices must be located within 30 ft (9 m) of an RF signal repeater.

* Typical power consumption test conditions: Load is off, nightlight mode enabled.

Technical Assistance:

U.S.A./Canada: 1.800.523.9466

Mexico: +1.888.235.2910

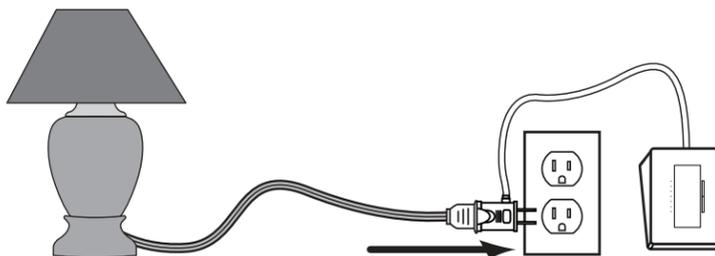
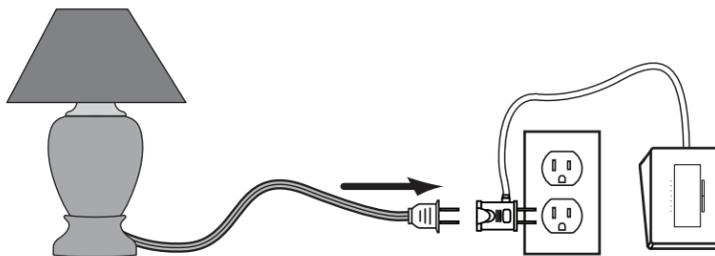
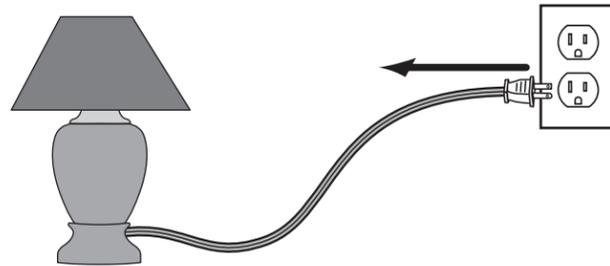
Other Countries: +1.610.282.3800

24 hours a day, 7 days a week.

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Installation

- Find a suitable location for the RF Lamp Dimmer. Place the RF Lamp Dimmer in a convenient and accessible location.
- Turn lamp OFF and unplug lamp cord from wall outlet.
- Plug lamp cord into the RF Lamp Dimmer plug.
- Plug RF Lamp Dimmer into any standard wall outlet.

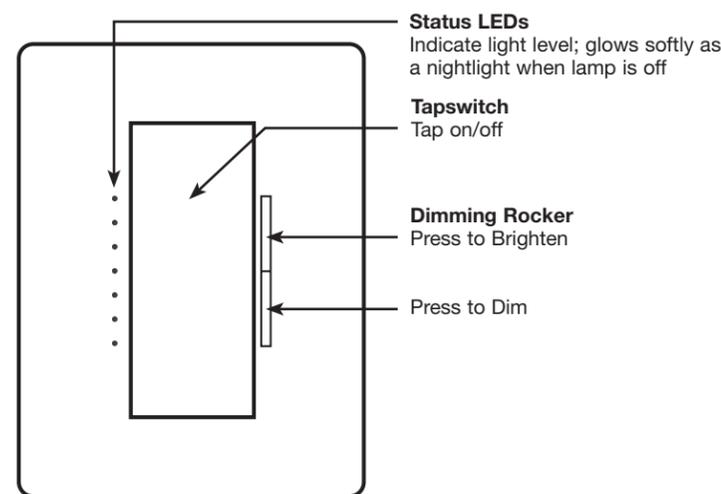
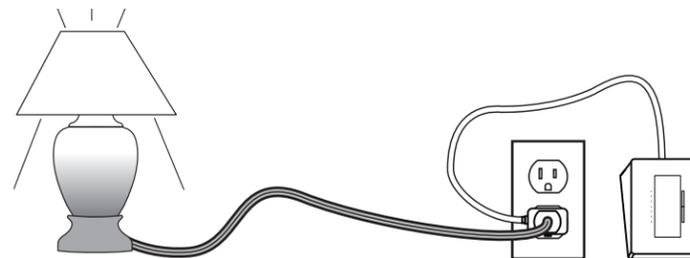


NOTE: This is a **POLARIZED** cord. It has a polarized plug (one blade is wider than the other) and outlet (one slot is wider than the other).

The polarized plug is not intended to be mated with non-polarized 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).

- Turn lamp switch ON and operate RF Lamp Dimmer.



WARNING - Shock hazard - 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 - Shock hazard - 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.

Returning Lamp Dimmers to Factory Settings

NOTE: Returning a Lamp Dimmer to its factory settings will remove it from the system and erase all programming.

Step 1 : Triple tap and hold the tapswitch. **DO NOT** release after the third tap.

Step 2 : Continue to hold the tapswitch on the third tap until LEDs start to scroll up and down quickly (approximately 3 seconds).

Step 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.

Troubleshooting Guide

Symptom	Probable Cause and Action
Load does not turn ON, but LEDs on Lamp Dimmer are ON	Load is turned OFF <ul style="list-style-type: none"> Turn the power switch on the load to the full ON position.
	Light bulbs are burned out or not installed <ul style="list-style-type: none"> Replace or install light bulbs.
	Dioded light bulbs <ul style="list-style-type: none"> Replace with non-diode light bulbs.
Load does not turn ON, and the LEDs on Lamp Dimmer are OFF	Breaker is OFF or tripped <ul style="list-style-type: none"> Turn circuit breaker ON.
	Cord is not plugged in <ul style="list-style-type: none"> Plug cord into wall outlet as shown in Installation.
Load turns ON and OFF continuously	Load is less than minimum load requirement <ul style="list-style-type: none"> Make sure the connected load meets the appropriate minimum load requirement. See Load Specifications.
Lamp Dimmer does not dim properly	Lamp has an integral dimmer <ul style="list-style-type: none"> Use lamp without an integral dimmer.
	3-way switch on lamp is not set to full ON, <ul style="list-style-type: none"> Turn 3-way switch on the lamp to full ON.
Lamp Dimmer is warm	Solid-state control dissipation <ul style="list-style-type: none"> Lamp Dimmers dissipate a small percentage of the total connected load. It is normal for the Lamp Dimmers to feel warm to the touch during operation.
Load does not turn ON/OFF from a keypad	Verify other lights or system devices respond to that keypad. If not, the issue may not be with the Lamp Dimmer but may be the keypad or system.
	Device is not communicating with the system <ul style="list-style-type: none"> Device is out of range of an RF signal repeater. The device is in the Factory Settings mode and has not been activated into the system. Use the <i>HomeWorks QS</i> software to verify activation or re-activate the device and transfer its database.
	Device is not properly programmed <ul style="list-style-type: none"> Program device using the <i>HomeWorks QS</i> software.

Warranty:

For warranty information, please see the Warranty enclosed with the product, or visit www.lutron.com/resiinfo