

URC Lighting: LT-3300 Single Pole Connection Examples

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URC Lighting: LT-3300 Single Pole Connection Examples

The URC **LT-3300** Configurable Dimmer or Switch is software configurable to be used as either a dimmer *or* a switch.

When a lighting device controls only a single light or load, this is usually called a single pole circuit.

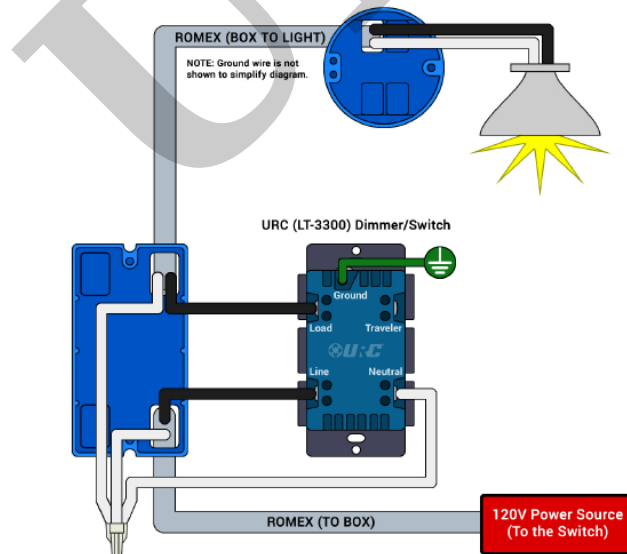
There are three different single pole connection examples that are detailed in this article.

Note: URC recommends using a licensed electrician for any high-voltage device installations!

LT-3300: Single Pole Wiring Diagram - Neutral Wire Setup:

LT-3300: Single Pole Wiring Diagram

Neutral Wire Setup



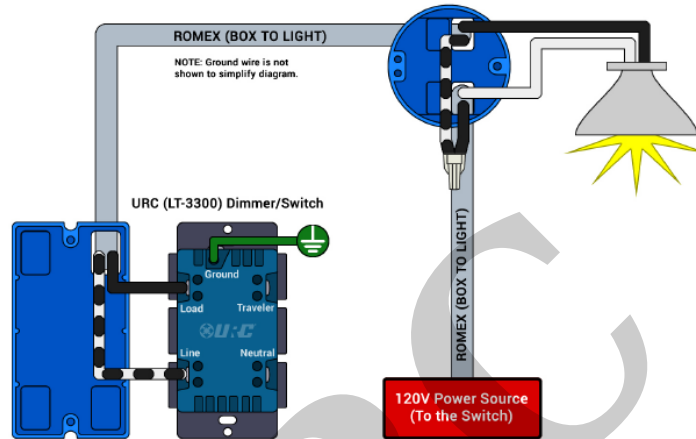
LT-3300: Single Pole Wiring Diagram - Non-Neutral Wire Setup:

LT-3300: Single Pole Wiring Diagram

Non-Neutral Setup



NOTE: If the load (light) is less than 25W, you will need to purchase a bypass and install it at the light fixture.



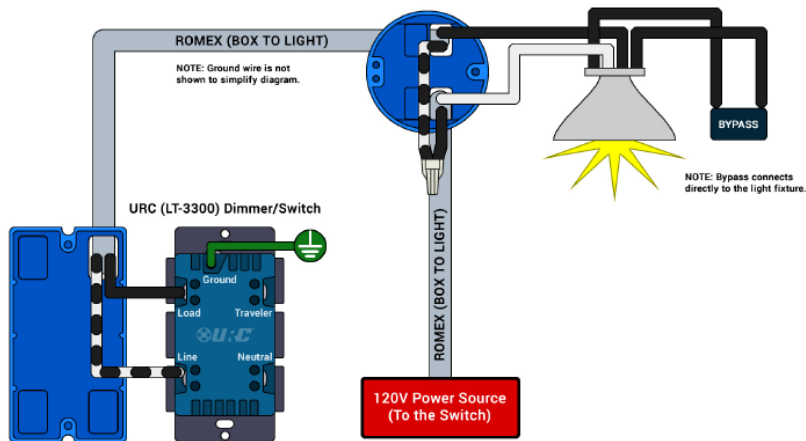
LT-3300: Single Pole Wiring Diagram. Non-Neutral Setup with Bypass:

LT-3300: Single Pole Wiring Diagram

Non-Neutral Setup with Bypass



NOTE: A bypass is required if you are using a bulb that is under 25W. Most LED bulbs are only 8-12W, so you will need to either have multiple bulbs or install a bypass (sold separately) as shown below. The bypass can get the required wattage down to about 6W.



Lighting Bypass:

NOTE: A bypass is required if you are using a bulb that is under 25W. Most LED bulbs are only 8-12W, so you will need to either have multiple bulbs or install a bypass (sold separately) as shown below. The bypass can get the required wattage down to about 6W.

The Lutron LUT-MLC is a popular device used for this purpose. You can find details and purchase here: [LUT-MLC on Amazon](#)

The Jasco Lighting Bypass 52327 can also be used for this purpose. You can find details and purchase here: [Jasco 52327 on Amazon](#)

The Aeotec Lighting Bypass can also be used for this purpose. You can find details and purchase here: [Aeotec Bypass on Amazon](#)

Creating a 3-Way Lighting Device Association:

Please refer to the URC Total Control Resources page for a short video on how to associate multiple devices:

<https://urcportal.com/Marketing/URCTrainingVideo/?p=1803>

***Please note:**

When using the LT-3300, you can associate up to **10 additional LT-3300's** for up to an 11-way, multi-location control configuration.

When using the LT-3100 & LT-3200, you can associate up to **4 additional devices** for up to an 5-way, multi-location control configuration.

Note: URC recommends using a licensed electrician for any high-voltage device installations!

Additional Information & Resources:

Please refer to the section on [URC Lighting](#) for additional information using URC Lighting in Accelerator 3.

Please refer to the article on the [URC TRF-ZW10](#) for additional information on the TRF-ZW10 status light indicators.

Please refer to the article [URC Dimmer \(LT-3100\) Parameters](#) for additional information on setting device parameters.

Please refer to the article [URC Switch \(LT-3200\) Parameters](#) for additional information on setting device parameters.

Please refer to the article [URC Dimmer/Switch \(LT-3300\) Parameters](#) for additional information on setting device parameters.

Please refer to the article [URC Dimmer/Switch \(LT-3300\) Specifications](#) for additional information for this device.

Please refer to the article [LT-3300 3-Way & 4-Way Connection Examples](#) for additional information on wiring for 3-way & 4-way circuits.

To learn more about Accelerator 3 configuration and programming, please see the Accelerator 3 online [Programming Guide](#).

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