

# URC Lighting: LT-3300 Specifications

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## URC Lighting: LT-3300 Specifications

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

This article details the product specifications for the **LT-3300** Smart, Configurable Dimmer or Switch.



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

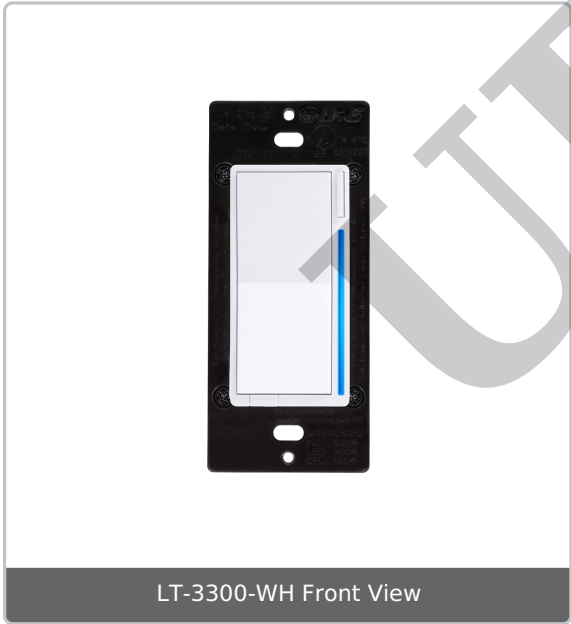
### LT-3300 Specifications

<b>SKU:</b>	LT-3300-WH	
<b>UPC:</b>	656787-705296	
<b>Default Color:</b>	White	Color Change Kit Available to Change Paddle Color (8 Available Colors) <b>LT-3301-WH</b> (white) <b>LT-3301-AL</b> (almond) <b>LT-3301-LA</b> (light almond) <b>LT-3301-BL</b> (black) <b>LT-3301-BR</b> (brown) <b>LT-3301-GR</b> (gray) <b>LT-3301-IV</b> (ivory) <b>LT-3301-RD</b> (red)

<b>RF Technology:</b>	Z-Wave® Plus LR [S2 Encryption]	
<b>RF Frequency:</b>	908.42 MHz	
<b>Z-Wave Chip:</b>	800 Series	
<b>Power:</b>	120 Volt AC / 60Hz	
<b>Usage:</b>	Indoor, not to be used with Fans or Motors	
<b>Installation:</b>	Neutral and Non-Neutral Installation	
<b>Max Load/Wattage:</b>	<ul style="list-style-type: none"> <li>• 600W Single-Gang, 500W Double-Gang, 400W Triple-Gang Incandescent</li> </ul>	
	<ul style="list-style-type: none"> <li>• 300W LED (All Installations). 150W CFL (All Installations)</li> </ul>	
<b>Min Load/Wattage:</b>	<ul style="list-style-type: none"> <li>• Neutral Wire: No Minimum Required</li> </ul>	
	<ul style="list-style-type: none"> <li>• Non-Neutral: Minimum 40W to 25W depending on light type (LED or CFL)</li> </ul>	
<b>Dimensions:</b>	<ul style="list-style-type: none"> <li>• W: 1.83" / 46.51mm</li> <li>• H: 4.13" / 104.78mm</li> <li>• D: 1.25" / 31.75mm</li> </ul>	
<b>Weight:</b>	4 oz / 28.34g	
<b>Operating Temperature Range:</b>	32-95 °F (0-35 °C)	
<b>System:</b>	Total Control® Professional Programming Required	

<b>Approval:</b>	UL Listed / FCC / IC / Z-Wave Plus™ Certified / CAN ICES-003 (B) / MB-003(B)  For indoor use. Specifications subject to change without notice due to continuing product improvement.	
<b>What's in the Box:</b>	URC Light Dimmer/Switch	
<b>Sold Separately:</b>	TRF-ZW10 required	

**Product Images:**





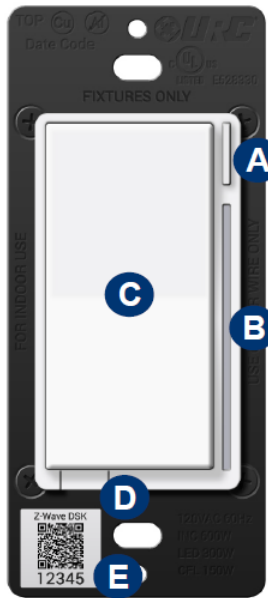
LT-3300 Rear View



LT-3300-WH Installed View

**LT-3300 Physical Device Controls and Markings:**

## LT-3300 Dimmer/Switch



- A. Configuration Button: This button is used for setting certain parameters of the Dimmer/Switch. It can also be used to activate a scene from a single button press.
- B. RGB LED Notification Bar: This LED bar serves as a visual display for the dim level of your lights as well as offering visual notifications based on events that are set up via the Gateway. It can be further configured, disabling or setting certain brightness levels.
- C. Responsive Paddle: The paddle works in a similar manner to a standard dimmer or switch. When you tap up on the paddle, the light will turn on, and when you tap down the light will turn off. Pressing and Holding the up paddle will increase the brightness, and pressing and holding the down paddle will dim the lights (when configured to a dimming device). The paddle may also be used for scene control.
- D. Air Gap Dimmer: This will cut the power to the load your LT-3300 is wired to.
- E. Security 2 DSK: The DSK can be found on the front of the LT-3300 (metal plate) and inside the box. It is used for Z-Wave SmartStart functionality.

SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in the network vicinity.

This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All mains operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. Each module is designed to act as a repeater, which will re-transmit a radio frequency (RF) signal by routing the signal around obstacles and radio dead spots to ensure that the signal is received at its intended destination. The LT-3300 is a security enabled Z-Wave Plus™ device. A security enabled Z-Wave Plus controller must be used in order to fully utilize the product.

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

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](#)

**Additional Information & Resources:**

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 Single Pole Connection Examples](#) for additional information for this device.

Please refer to the article [LT-3300 3-Way Connection Examples](#) for additional information for this device.

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

URC Dimmer/Switch LT-3300 [Spec Sheet](#) 

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

