

## Lutron® Tamper Resistant Receptacles and Plug for Dimming use

Tamper resistant receptacles, unlike traditional receptacles, offer the added protection of a permanently installed, spring-loaded slider mechanism capable of resisting insertion of single pronged elements (such as keys, hairpins, or nails) while still allowing access to electrical plugs. *Lutron* Tamper Resistant Receptacles are compliant with article 406.11 of the 2008 National Electric Code (NEC®).

The *NEC* prohibits the dimming of standard receptacles. The dimmable outlets of the Dual Dimming Tamper Resistant (DDTR) and Half Dimming Tamper Resistant (HDTR) are specifically designed to mechanically reject all NEMA standard plugs and thus can not be used for any other device (fan, heater, vacuum, radio, etc.). These receptacles will only accept the special mating *Lutron* replacement plug for dimming use (RP-FDU). The result is an *NEC* compliant way to control a portable lamp with a dimmer.

### 15 Amp Tamper Resistant Receptacles

(xx in model number represents color/finish code.)

Model	Rating
CAR-15-DDTR-XX	15 A 125 V~ 60 Hz
CAR-15-HDTR-XX	15 A 125 V~ 60 Hz
SCR-15-DDTR-XX	15 A 125 V~ 60 Hz
SCR-15-HDTR-XX	15 A 125 V~ 60 Hz
* NTR-15-DDTR-XX	15 A 125 V~ 60 Hz
* NTR-15-HDTR-XX	15 A 125 V~ 60 Hz

### 20 Amp Tamper Resistant Receptacles

(xx in model number represents color/finish code.)

Model	Rating
CAR-20-DDTR-XX	20 A 125 V~ 60 Hz
CAR-20-HDTR-XX	20 A 125 V~ 60 Hz
SCR-20-DDTR-XX	20 A 125 V~ 60 Hz
SCR-20-HDTR-XX	20 A 125 V~ 60 Hz
* NTR-20-DDTR-XX	20 A 125 V~ 60 Hz
* NTR-20-HDTR-XX	20 A 125 V~ 60 Hz

### Replacement Plug for Dimming Use

Model	Rating
** RP-FDU-10-XX	10 A 125 V~ 60 Hz

#### Key Design Features:

- Features on receptacle(s) for dimming use reject standard plugs
- Uses standard switched receptacle wiring (HDTR requires two separate live/hot feeds)

\* **NOVA T★** receptacles ship with wallplate      \*\* Replacement plug available in White (WH) or Brown (BR) only



(CAR-20-DDTR-WH Shown)



(RP-FDU-10-WH Shown)

- Permanently installed internal tamper resistant shutter mechanism capable of resisting insertion of foreign elements into the device
- Specification grade construction
- Back wire installation capable
- Receptacle face compatible with NEMA designer and Nova T★ opening wallplates \*
- Plug may be used with standard receptacles and with new receptacles designed for dimming use
- Plug is compatible with 18 AWG (0.75 mm<sup>2</sup>) SPT-2 lamp cords
- Plug uses split-shell design for easy wiring and the ability to control cord exit direction
- Compliant with article 406.11 of the 2008 National Electric Code (*NEC*)

Job Name:	Model Numbers:	
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Job Number:	<input type="text"/>	<input type="text"/>

## Specifications

### Standards

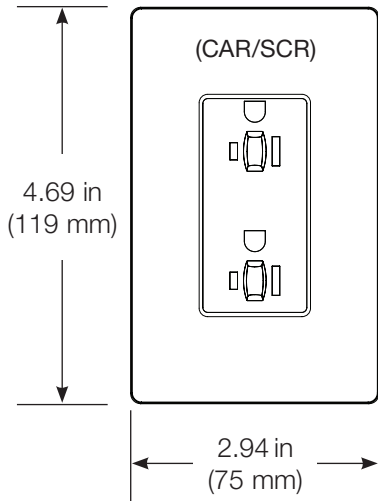
- UL Listed
- CSA Certified
- NOM Certified

### Warranty

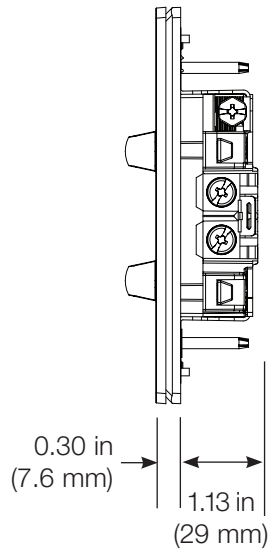
- One-Year Limited Warranty

## Dimensions

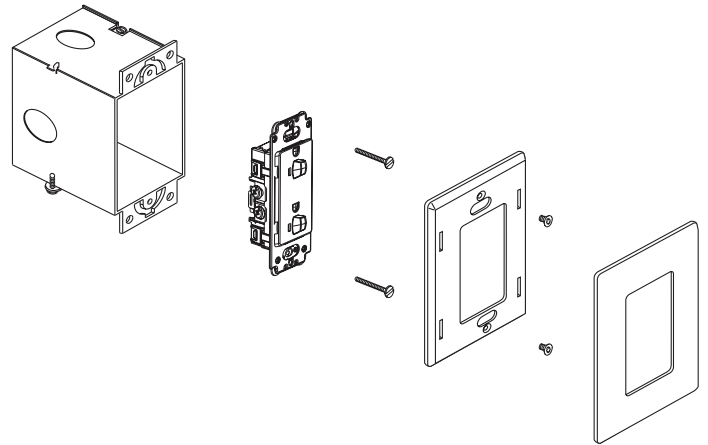
### Front View



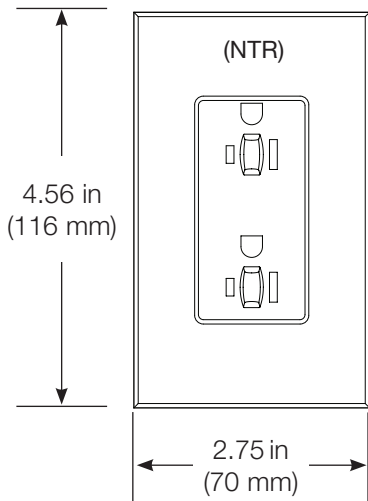
### Side View



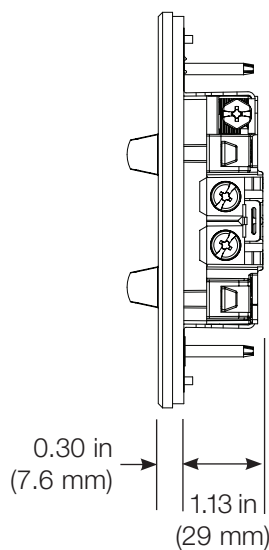
## Mounting



### Front View



### Side View



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<b>Job Number:</b> <input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>

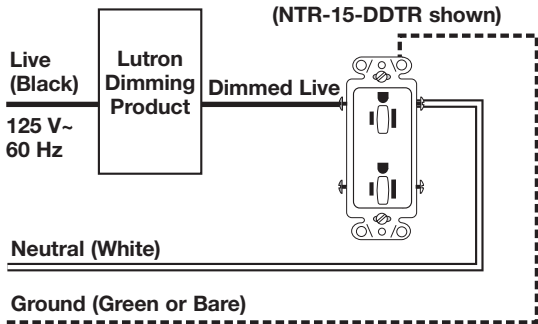
## Wiring Diagrams

### Wiring Notes:

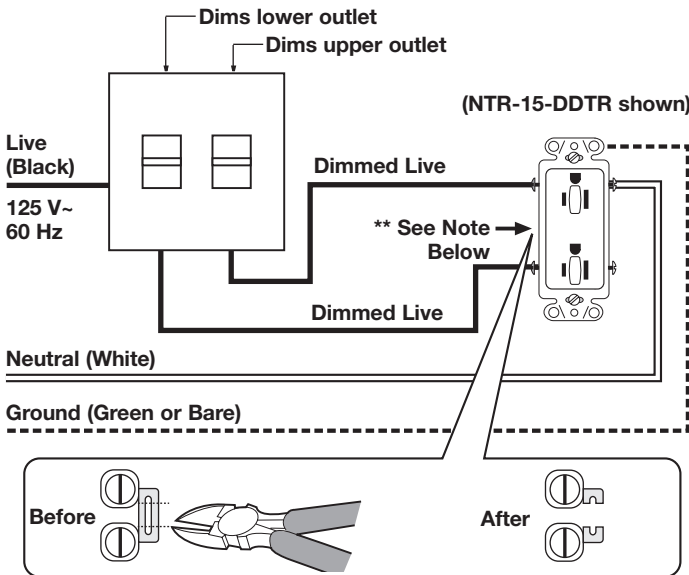
1. Wire terminals accept 10, 12 or 14 AWG (6.0, 2.5 or 1.5 mm<sup>2</sup>) wire. Solid copper or copper clad wire only.
2. See device for proper strip length of wires.

### Dual Dimming Tamper Resistant (DDTR)

Loads plugged into these outlets will dim together.



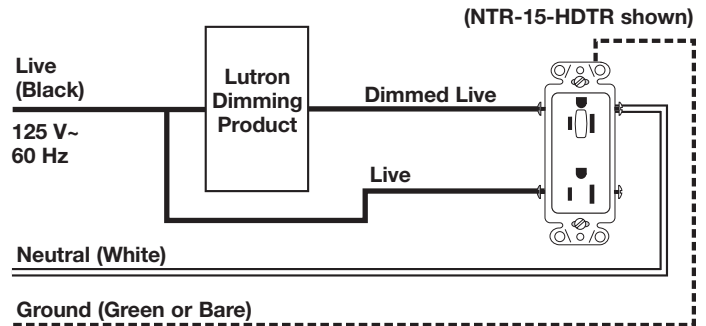
Each outlet will dim independently.



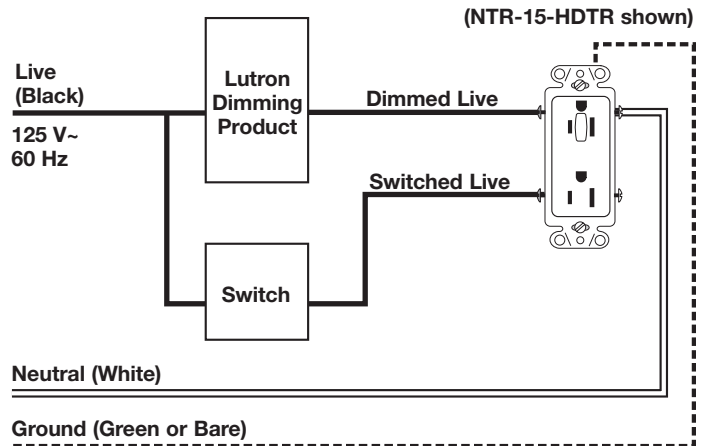
**\*\* NOTE:** To control each outlet of the receptacle independently, cut off the connecting link between the brass screws with a wire cutter.

### Half Dimming Tamper Resistant (HDTR)

Top outlet will dim and bottom outlet will remain live.



Top outlet will dim and bottom outlet is controlled by a switch.



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Job Number:	<input type="text"/>	<input type="text"/>