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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 can be installed in accordance with article 406 of the 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. For Canadian packaged products, add a "-C" <u>after</u> the color/finish code XX.)

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. For Canadian packaged products, add a "-C" <u>after</u> the color/finish code XX.)

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

(CAR-20-DDTR-WH Shown)

(RP-FDU-10-WH Shown)

- Uses standard switched receptacle wiring (HDTR requires two separate live/hot feeds)
- 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 mm²) SPT-2 lamp cords
- Plug uses split-shell design for easy wiring and the ability to control cord exit direction
- Can be installed in accordance with article 406 of the National Electric Code (NEC®)

* NOVO T☆ receptacles ship with wallplate   ** Replacement plug available in White (WH) or Brown (BR) only

⚙**LUTRON** SPECIFICATION SUBMITTAL   Page

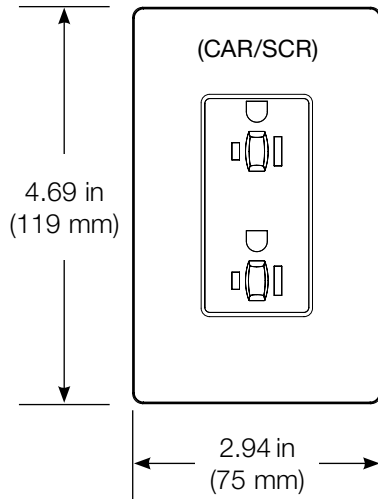| Job Name:	Model Numbers:
Job Number:	

Specifications

Standards
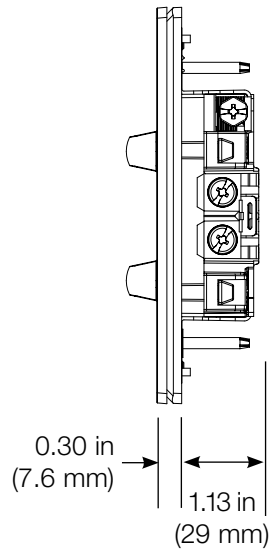
- UL Listed
- CSA Certified
- NOM Certified
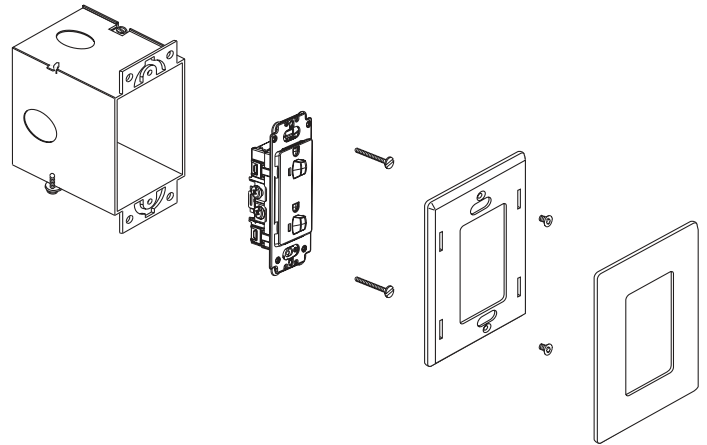
Warranty

- One-Year Limited Warranty

Dimensions

Front View

(CAR/SCR)

4.69 in
(119 mm)
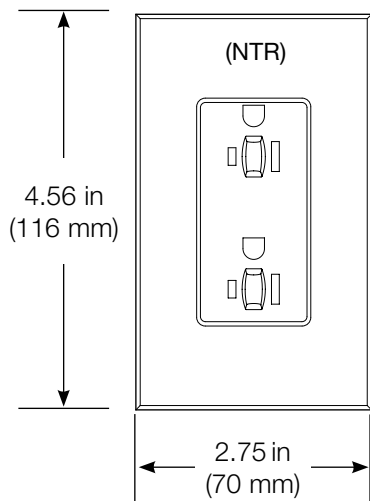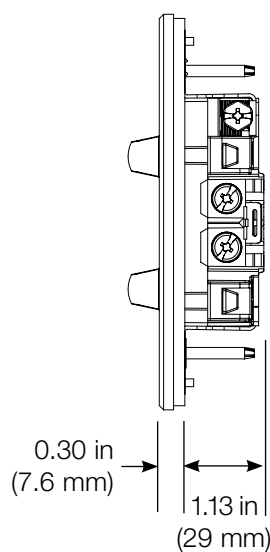
2.94 in
(75 mm)

Side View

0.30 in
(7.6 mm)

1.13 in
(29 mm)

Mounting

Front View

(NTR)

4.56 in
(116 mm)

2.75 in
(70 mm)

Side View

0.30 in
(7.6 mm)

1.13 in
(29 mm)

Job Name:	Model Numbers:
Job Number:	

Wiring Diagrams

Wiring Notes:

1. Wire terminals accept 10, 12 or 14 AWG (6.0, 2.5 or 1.5 mm²) 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.

(NTR-15-DDTR shown)

Live (Black)
125 V~ 60 Hz
Lutron Dimming Product
Dimmed Live
Neutral (White)
Ground (Green or Bare)
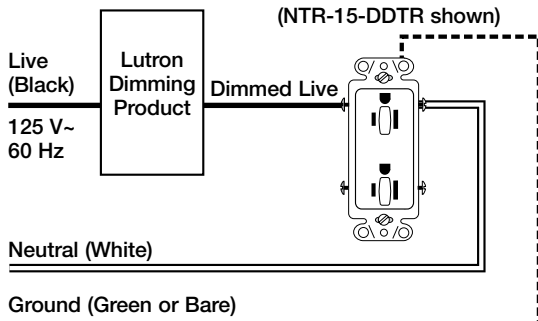
Each outlet will dim independently.

Dims lower outlet
Dims upper outlet

(NTR-15-DDTR shown)

Live (Black)
125 V~ 60 Hz
Dimmed Live
** See Note Below
Dimmed Live
Neutral (White)
Ground (Green or Bare)

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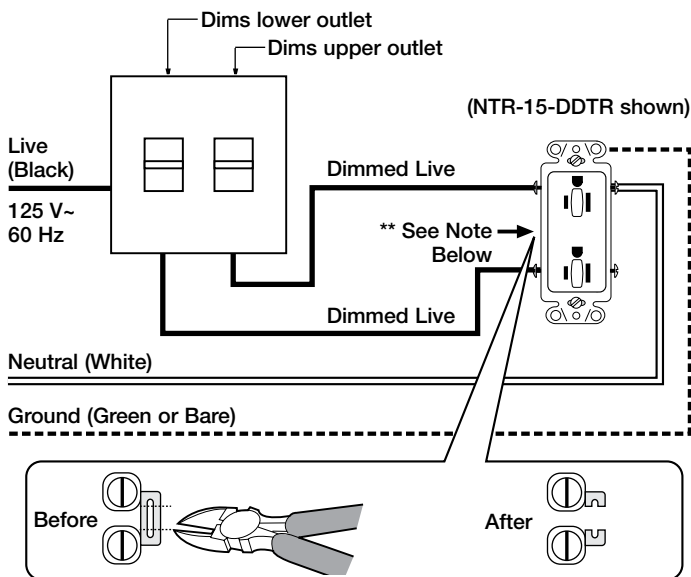
** NOTE: To control each outlet of the receptacle independently, cut off the connecting link between the brass screws with a wire cutter.

Half-Dimming Tamper Resistant (HDTR)

Top outlet will dim and bottom outlet will remain live.

(NTR-15-HDTR shown)

Live (Black)
125 V~ 60 Hz
Lutron Dimming Product
Dimmed Live
Live
Neutral (White)
Ground (Green or Bare)
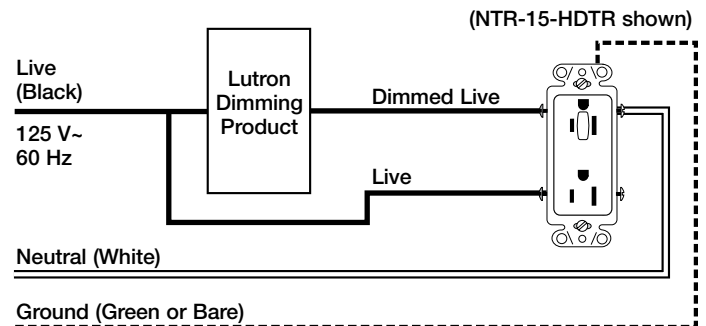
Top outlet will dim and bottom outlet is controlled by a switch.

(NTR-15-HDTR shown)

Live (Black)
125 V~ 60 Hz
Lutron Dimming Product
Dimmed Live
Switched Live
Switch
Neutral (White)
Ground (Green or Bare)
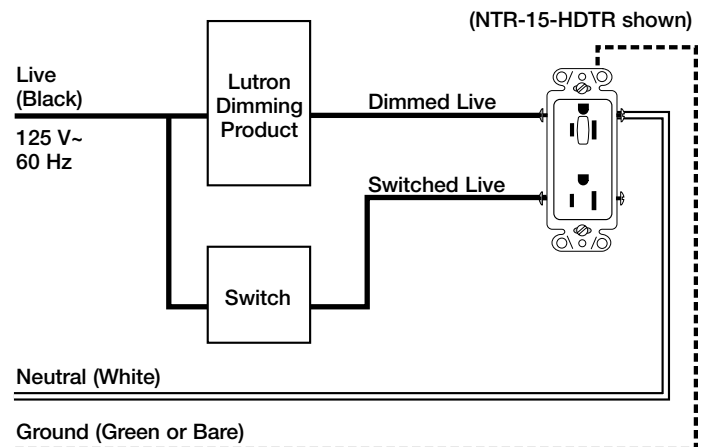
Job Name:	Model Numbers:
Job Number:	

Colors and Finishes (xx in the model number represents color/finish code)
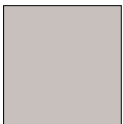
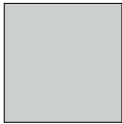### Satin Colors (while supplies last)
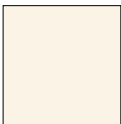
Snow
SW

Midnight
MN

Taupe
TP

Biscuit
BI

Palladium
PD

Hot
HT

Gloss Finishes

White
WH

Ivory
IV

Almond
AL

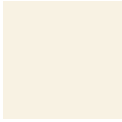Light
Almond
LA

Gray
GR

Brown
BR

Black
BL

Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
• Color chip keychains are available for more precise color matching:
Gloss Finishes: DG-CK-1
Satin Colors: SC-CK-1 (while supplies last)

Colors and Finishes (xx in the model number represents color / finish code) *(continued)*

Architectural Matte Finishes

White
WH

Beige
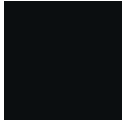BE

Ivory
IV

Almond
AL

Light
Almond
LA

Gray
GR

Taupe
TP

Sienna
SI

Brown
BR

Black
BL

Metal Finish (wallplate only)

Stainless
Steel
SS

When using Stainless Steel wallplates, it is recommended to order the controls in Black (BL) or Midnight (MN).

Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.