

Dimmers with Neutral Wire for Halogen, Incandescent, ELV, or Interfaces

Description

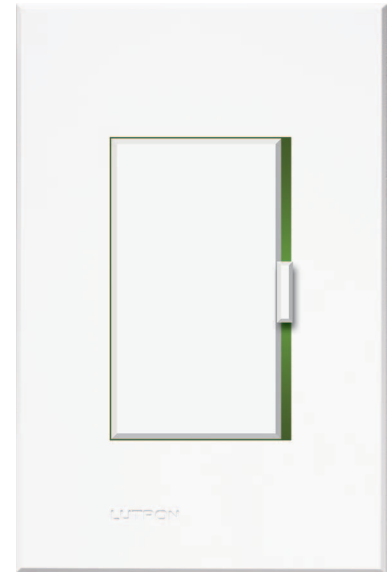
The Stanza® system is an easy-to-install and easy-to-use lighting control system designed especially for hotel guest rooms and similar applications. The system consists of wallbox dimmers, wallbox switches, line-voltage wallbox keypads, low-voltage interfaces, and lamp socket dimmers/switches. All of these devices communicate via radio frequency (RF) within individual guest rooms.

Stanza® dimmers with neutral wire function much like standard dimmers and switches and have an integral microprocessor, allowing them to be incorporated into a complete lighting control system. Stanza® dimmers with neutral wire are useful in locations where single circuits of lighting need to be dimmed and switched. Stanza® dimmers include a Front Accessible Service Switch (FASS™) for safe bulb replacement.

Stanza® dimmers with neutral wire can be used in conjunction with some Lutron® interfaces to control loads that are not supported by non-neutral dimmers.

Features

- Allows local dimming and switching control of one zone of halogen, incandescent, ELV, or other loads controlled by an interface.
- Light level can also be adjusted, if addressed as part of a Stanza® lighting control system, via an RF command from a keypad or integration device.
- 3-way operation can be obtained using a dimmer and a keypad.
- Screw terminals and push-in connections simplify installation.
- Shallow back cover takes up less room in the wallbox.
- Large controls are designed with ADA and Universal Design considerations.
- Faceplate not included; order separately.



SZ-5NE-XX

Shown with SZF-Z5-XX faceplate

XX = Color code

N = Neutral wire required

Job Name:	Model Numbers:
Job Number:	

Specifications

Regulatory Approvals

- UL Listed
- NOM
- cUL and IC
- FCC (Complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules)

Load

- 5 W minimum, 500 W maximum halogen, incandescent, or 500 W ELV (derated if ganged; see derating chart)
- Compatible with Lutron® interface GRX-PWM
- Do not install dimmer to control standard receptacles or motor-operated appliances. Contact Lutron for dimmable receptacle solution.

Power

- Operating voltage: 120 V~ 50/60 Hz
- Requires a neutral wire connection.

Key Design Features

- Backlight of slider glows green; section of slider track turns amber for programming indication.
- Adjustable maximum light level provides energy savings and extended bulb life.
- Power failure memory: when power is restored, lights will return to the level set prior to the interruption.
- On a single tap, lights alternately fade to preset level or turn off.
- Light level can be fine-tuned by moving the slider up or down until the desired light level is reached.
- Requires Stanza® specific faceplate (order separately).
- Requires a 1-gang U.S. wallbox: 3.5 in (89 mm) deep recommended; 2.25 in (57 mm) deep minimum.
- Can be ganged with other Stanza® controls or with decorator controls using multiple-gang Stanza® faceplates.

System Communication and Capacity

- Dimmers communicate with other Stanza® system components through radio frequency (RF) at 434 MHz.
- Multiple RF channels and thousands of system addresses prevent interference between systems.
- Each dimmer counts as 1 toward the basic system maximum of 31 RF devices (maximum RF devices can be increased to 100 if an SZ-CI-PRG is present in the system).

Environment:

- Ambient operating temperature: 32–104 °F (0–40 °C).
- Maximum 90% non-condensing relative humidity.
- Indoor use only.

Warranty

- 1-year limited warranty standard. 2-year parts and labor warranty, with 8-year pro-rated parts replacement on systems that include factory startup.

For more information:

www.lutron.com/TechnicalDocumentLibrary/Warranty_CommercialSystems.pdf

Color Codes

(Satin Colors®)

Button Color	Code
Biscuit	BI
Eggshell	ES
Merlot	MR
Midnight	MN
Sienna	SI
Snow	SW
Taupe	TP

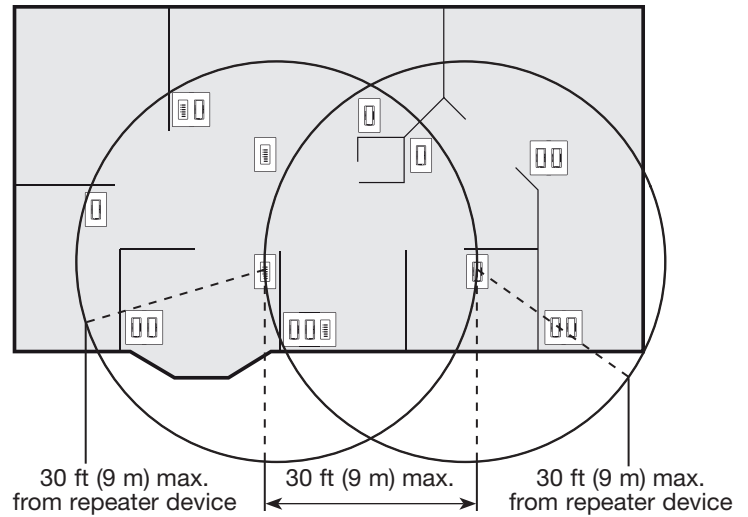
Contact Lutron for other available finish options.

Job Name:	Model Numbers:
Job Number:	

System Overview

Communication Notes

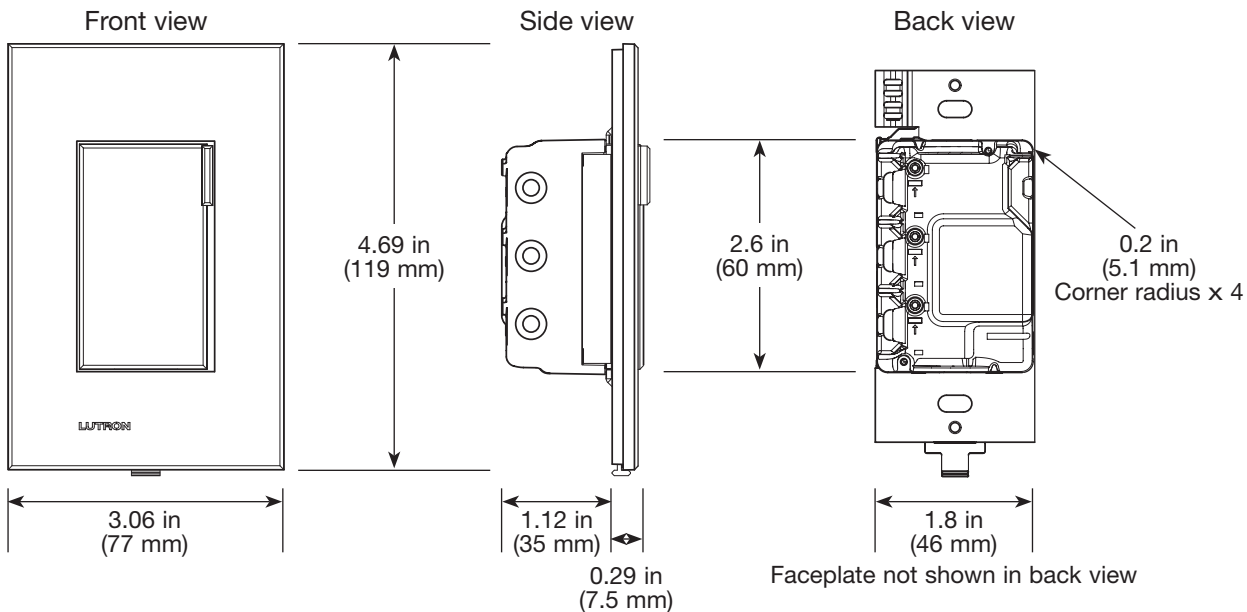
- Stanza® RF devices must be located within 30 ft (9 m) of a Stanza® RF device configured as a repeater. Multiple devices configured as repeaters may be necessary to provide adequate coverage.
- Any Stanza® RF device can be configured as a repeater.
- A total of 5 devices maximum can be configured as repeaters.
- Devices configured as repeaters must be located within 30 ft (9 m) of another device configured as a repeater.
- Stanza® lighting controls cannot be controlled wirelessly and Stanza® keypads will not function until they are addressed and programmed.



Key
 Dimmer Keypad

Feature	Basic System (without SZ-CI-PRG present)	Advanced System (with SZ-CI-PRG present)
Maximum devices	31	100
RS232 and/or Ethernet interface capability	No	Yes
PC required for device replacement	No	Yes

Dimensions



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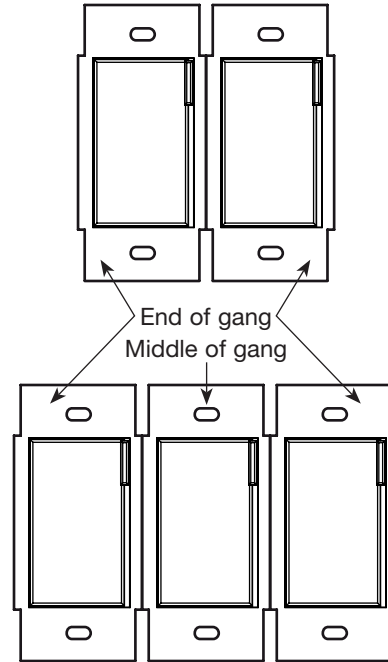
Ganging and Derating

Lutron® Stanza® faceplates are available in single-gang and multiple-gang versions. When combining controls in a wallbox, derating is required as indicated below.

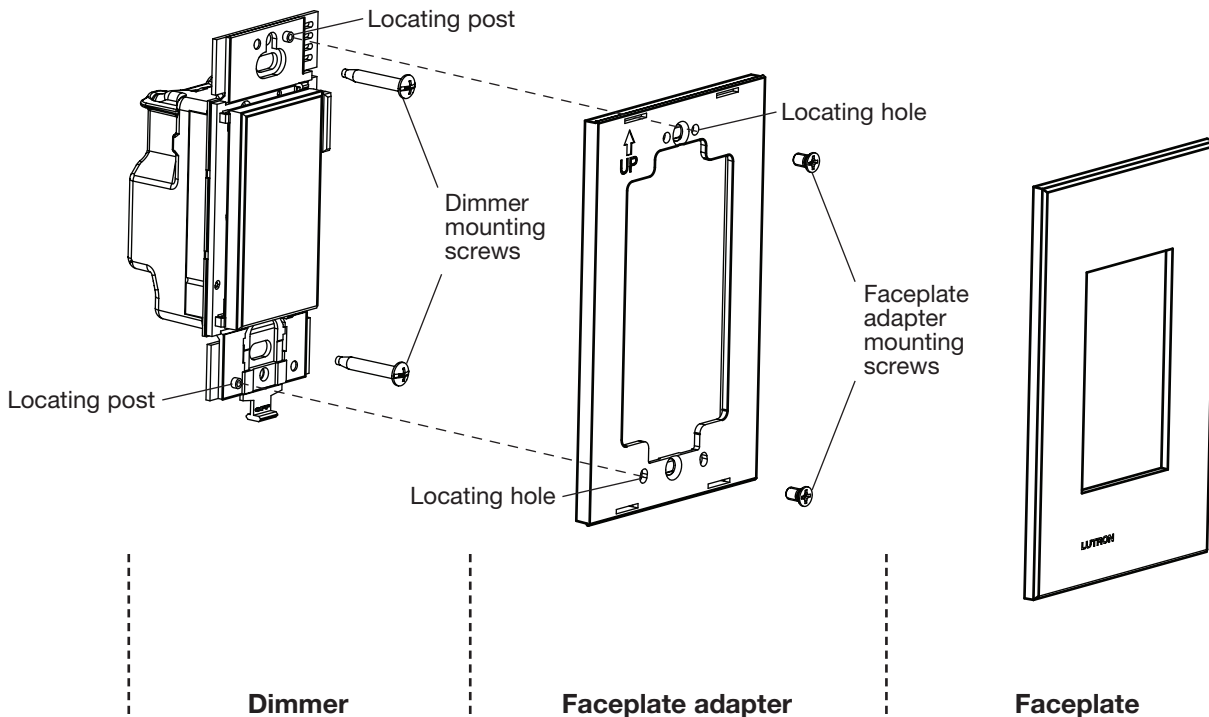
Derated Loads for SZ-5NE

Position	Maximum Rating
Single (no ganging)	500 W Incandescent; 500 W ELV
End of gang	450 W Incandescent; 450 W ELV
Middle of gang	400 W Incandescent; 400 W ELV

Examples of Multiple-Gang versions



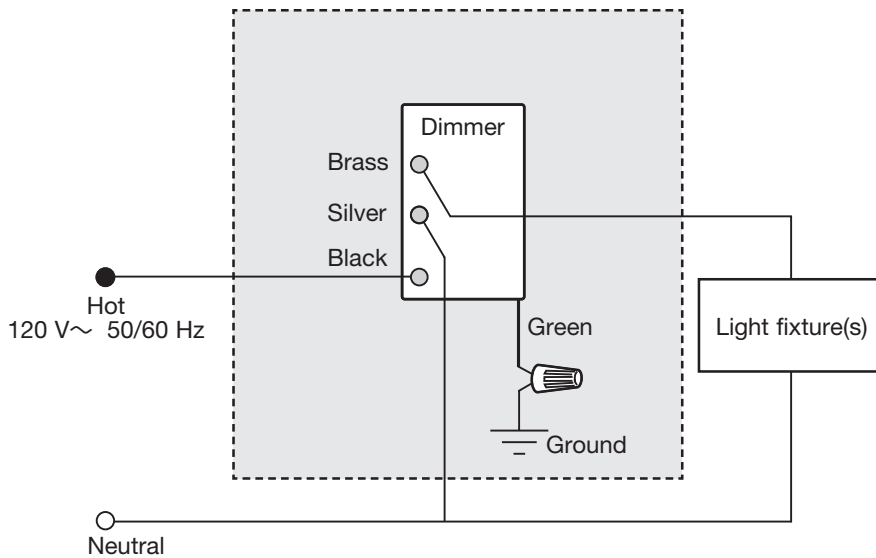
Mounting



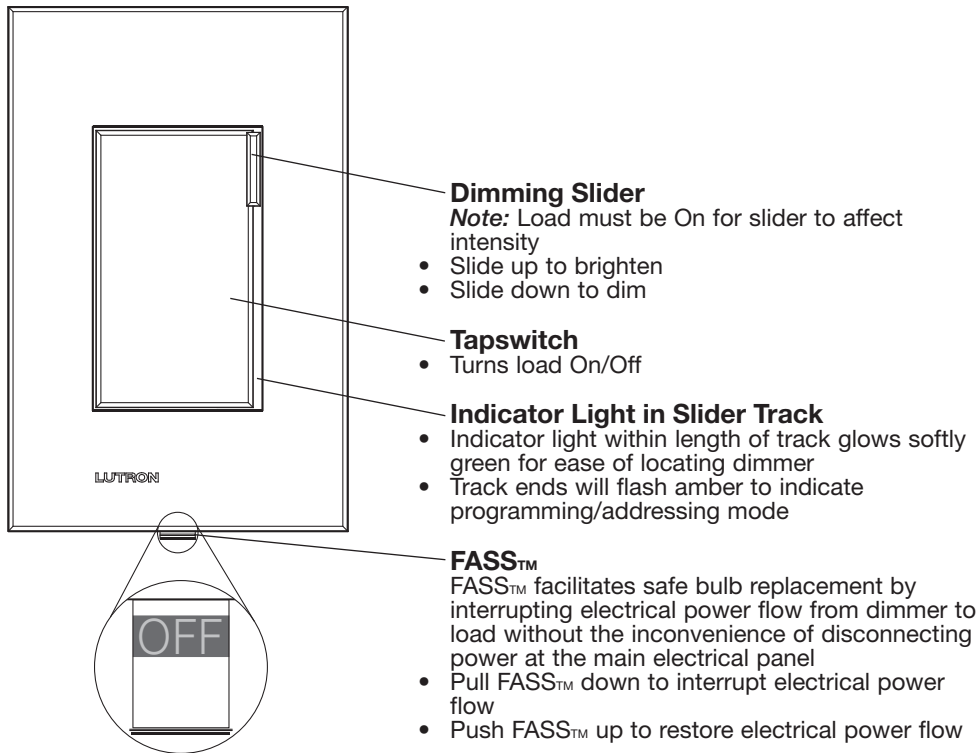
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Wiring

Single location installation only



Dimmer Operation



Important Notice

To replace bulb, power may be interrupted by pulling down the FASS™ on the dimmer. For any procedure other than routine bulb replacement, power must be disconnected at the main electrical panel.

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Job Number:	