



Shown actual size: Centurion dimmer and 1-gang wallplate in White (WH).

Product family features

- Rotary style dimmer with captive knob
- Heavy duty components for surge protection and long product life
- Visible heat sink
- Gangable without removing side sections and reducing wattage
- Voltage compensation maintains stable light levels, despite line voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Original thick profile does not fit flush against the wall; for thinner profile see Nova T☆® on pg. 25
- Coordinating 1-gang wallplate included
- Custom engraving and custom coloring available for wallplates, see pg. 164

Control types

- Single-pole (one location)
- 3-way or 4-way (two or more locations)

Direct load type compatibility

- Incandescent/halogen lighting

Lighting load interfaces are not compatible with this family.

Available finishes

Use **BOLD** color code in model number (Example: C-600-**BE**)

Architectural matte finishes*



WH
White

BE
Beige

[Download specification submittal](#)
[Download high resolution product image](#)

*Coordinating wallplate included with Architectural matte controls.

Rotary dimmers



- Rotate or push on/off (depending on model), rotate to adjust light level
- Higher capacity loads require large controls

Rotary dimmers



- Higher capacity dimmers require larger heat sink behind wallplate
- Rotate or push on/off (depending on model), rotate to adjust light level
- Measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

Incandescent/halogen dimmers (small controls)

Rotary, rotate on/off

Single-pole 120V 600W	C-600- XX ¹
Single-pole 120V 1000W	C-1000- XX ¹

Rotary, push on/off

Single-pole (small) 120V 600W	C-600P- XX ¹
Single-pole (small) 120V 1000W	C-10P- XX ¹
3-way (small) 120V 600W	C-603P- XX ¹
3-way (small) 120V 1000W	C-103P- XX ¹

Multi-gang wallplates are not available.

When ganging controls, mount single-gang wallplates side-by-side. Not gangable with other dimmer families.

Wider-than-standard electrical backboxes may be required.

For 3-way and 4-way switching, use a 3-way dimmer with mechanical switches.

Incandescent/halogen dimmers (small controls)

Rotary, rotate on/off

Single-pole 120V 1500W	C-1500- XX ¹
Single-pole 120V 2000W	C-2000- XX ¹

Multi-gang wallplates are not available.

When ganging controls, mount single-gang wallplates side-by-side. Not gangable with other dimmer families.

Wider-than-standard electrical backboxes may be required.

For 3-way and 4-way switching, use a 3-way dimmer with mechanical switches.

XX¹: Architectural matte White (WH) and Beige (BE), see pg. 45 (1-gang wallplate included)

All models must be derated if ganged, unless otherwise noted, see pg. 179.

Connections overview

Load connections*



Incandescent/
Halogen



Incandescent/
Halogen
Dimmer

Control types (for 2 or more locations)

Dim from one location, switch from the others



Light
Source



3-way
Dimmer



3-way
Switch



Light
Source



3-way
Dimmer



4-way
Switch
(1 or more)



3-way
Switch

[Download complete Connection Diagrams](#)

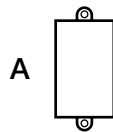
***For illustration purposes only.**

Consult model number pages for specific
voltage and capacity information.

Mounting requirements and how to understand ganging and derating

Individual devices

Individual dimmers, switches, wall sensors, and accessories typically mount in standard 1-gang electrical boxes (**fig. A**).



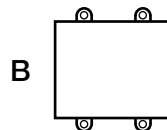
1-gang box
(W: 2 in x H: 3 in x D: 2.5 in)

Standard ganging

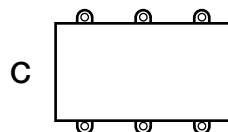
Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate. (**fig. B-D**)

Standard multi-gang installation:

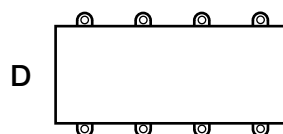
- Uses standard multi-gang electrical backboxes
- Uses standard multi-gang wallplates
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging)
- May require derating (i.e., reduction of dimmer capacity due to fin removal); see derating tables, pg. 181



2-gang box
(W: 4 in x H: 3 in x D: 2.5 in)



3-gang box
(W: 6 in x H: 3 in x D: 2.5 in)

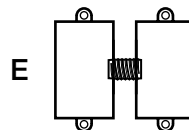


4-gang box
(W: 8 in x H: 3 in x D: 2.5 in)

Custom Architectural ganging

Architectural dimmers, switches and accessories may be ganged without derating (**fig. E**), via custom Architectural multi-gang:

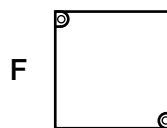
- May require customized, wider-than-standard wallplates
- May require wider-than-standard electrical backboxes
- Allows full capacity (“No Fins Broken”) ganging
- Required for Nova® dimmers and for larger width (high capacity) architectural controls
- Visit www.lutron.com/customganging for additional information



(2) 1-gang boxes
with 3/4 in spacer

Light load power interfaces (pg. 185)

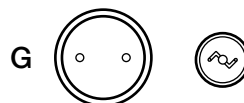
Interfaces typically mount to a standard electrical junction box (**fig. F**); must be mounted within 7 degrees of vertical. Maximum output: 5.1 in x 6.3 in. Interfaces project 1.2 in in front of box.



Junction box
(W: 4 in x H: 4 in x D: 2.5 in)

Ceiling/wall mount sensors (pgs. 43 and 147)

Wireless ceiling mount Radio Powr Savr™ sensors (**fig. G**) mount to brackets provided with sensor using adhesive strips or mounting hardware provided.



Wireless sensor
mounting bracket
(3.2 in diameter footprint,
mounting brackets are
spaced 1.8 in)