


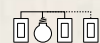
Shown actual size: Skylark dimmer and 1-gang Claro wallplate in White (WH).

### Product family features







- Rocker switch returns light to your favorite light level
- Slide up to brighten, down to dim (adjust light to suit any activity)
- **eco-dim®** model available
- 1000 W preset dimmers have voltage compensation which maintains stable light levels, despite line voltage variations
- 100% factory tested
- Coordinating Claro® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

### Control types


 Single-pole (one location)

 3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Dimmable compact fluorescent
-  Ceiling fans
-  Ceiling fan/lights

### Load type requiring load interface

 Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage and capacity combinations.

For additional information, see pg. 174.

### Available finishes

Use **BOLD** color code in model number (Example: S-600P-**GR**)

Gloss finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black



**SS**  
Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 160.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

## Dimmers

### Slide-to-off dimmers



- Slide up to on/brighten; down to dim/off

### Dimmers with on/off switch and locator light



- Rocker switch turns on/off
- Slide up to brighten; down to dim
- Includes amber locator light

### Dimmers with on/off switch



- Rocker switch turns on/off
- Slide up to brighten; down to dim
- **eco-dim**® model guarantees at least 15% energy savings compared to a standard switch

## Fan and fan/light controls

### Slide-to-off fan controls



- Slide up to on/increase speed; down to decrease/off
- 3-quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Quiet 3-speed designed to prevent motor hum
- Fully variable model also available

## Dual devices

### Dual slide-to-off dimmers (two loads)



#### Dimmers (left/right)

- Slide up to on/brighten; down to dim/off

### Slide-to-off fan controls with on/off light switch



#### Fan control (top)

- Slide up to on/increase fan speed; down to decrease fan speed/off
- 3-quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Quiet 3-speed designed to prevent motor hum

#### Switch (bottom)

- Rocker switch turns light on/off

### Dual slide-to-off fan control and dimmer



#### Fan control (left)

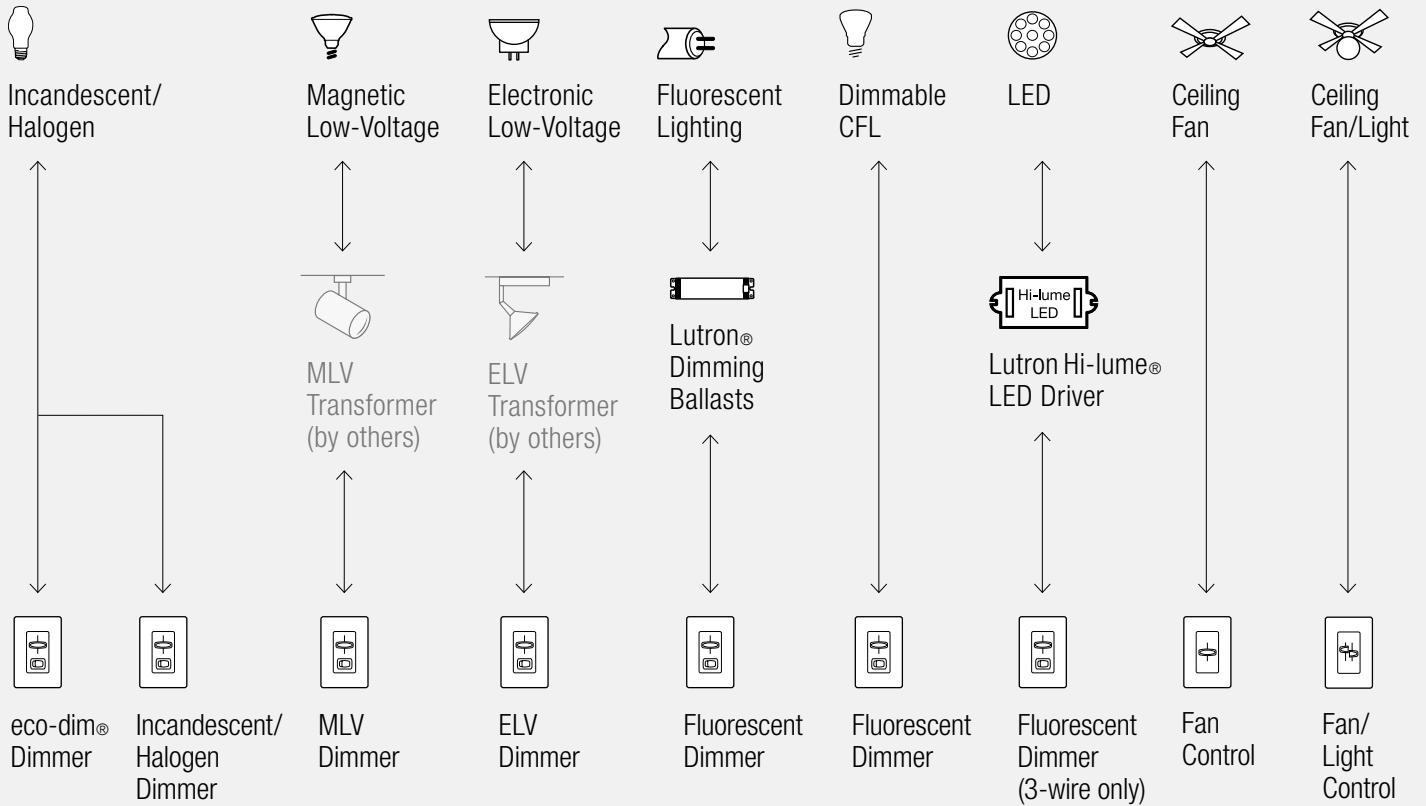
- Slide up to on/increase speed; down to decrease/off
- 3-quiet fan speeds for increased comfort
- Quiet 3-speed designed to prevent motor hum
- Fully variable available for use with multiple paddle or exhaust fans

#### Dimmer (right)

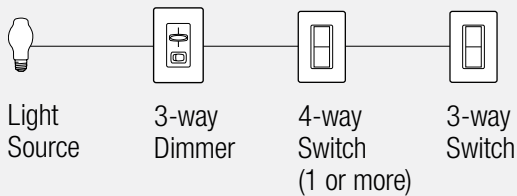
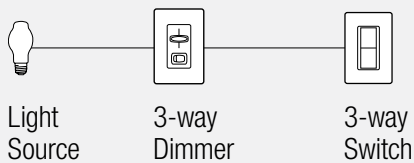
- Slide up to on/brighten; down to dim/off

Connections overview

Load connections\*



Control types (for 2 or more locations)  
Dim from one location, switch from the others



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).  
For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

\*For illustration purposes only. Consult model number pages for specific voltage and capacity information.

**Dimmer model numbers**

 **Incandescent/halogen dimmers**

**Dimmers with on/off switch**

Single-pole 120V 600W	S-600P- <b>CC</b> <sup>3</sup>
Single-pole 120V 1000W	S-10P- <b>CC</b> <sup>3</sup>
3-way 120V 600W	S-603P- <b>CC</b> <sup>3</sup>
3-way 120V 1000W	S-103P- <b>CC</b> <sup>3</sup>

**eco-dim® dimmer with on/off switch**

3-way/single-pole 120V 600W	S-603PG- <b>EE</b> <sup>2</sup>
--------------------------------	---------------------------------

eco-dim model guarantees at least 15% energy savings compared to a standard switch.

**Dimmers with on/off switch and locator light**

Single-pole 120V 600W	S-600PNL- <b>CC</b> <sup>3</sup>
Single-pole 120V 1000W	S-10PNL- <b>CC</b> <sup>3</sup>
3-way 120V 600W	S-603PNL- <b>CC</b> <sup>3</sup>
3-way 120V 1000W	S-103PNL- <b>CC</b> <sup>3</sup>

**Slide-to-off dimmers**

Single-pole 120V 600W	S-600- <b>CC</b> <sup>3</sup>
Single-pole 120V 1000W	S-1000- <b>CC</b> <sup>3</sup>

For dual slide-to-off dimmers (two loads), see page 111.

 **Magnetic low-voltage dimmers**

**Dimmers with on/off switch**

Single-pole 120V 600VA (450W)	SLV-600P- <b>CC</b> <sup>3</sup>
3-way 120V 600VA (450W)	SLV-603P- <b>CC</b> <sup>3</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

 **Electronic low-voltage dimmers\***

**Dimmers with on/off switch**

Single-pole 120V 300W	SELV-300P- <b>CC</b> <sup>3</sup>
3-way 120V 300W	SELV-303P- <b>CC</b> <sup>3</sup>

Certain LED drivers are dimmable using an ELV dimmer, for more information, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
**EE**<sup>2</sup>: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)  
 (Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

**\*Requires neutral wire connection.**

### Dimmer model numbers

#### 3-wire fluorescent dimmers\*

##### Dimmers with on/off switch

Single-pole 120V 8A	SF-10P- <b>CC</b> <sup>3</sup>
Single-pole 277V 6A	SF-12P-277- <b>CC</b> <sup>3</sup>
3-way 120V 8A	SF-103P- <b>CC</b> <sup>3</sup>
3-way 277V 6A	SF-12P-277-3- <b>CC</b> <sup>3</sup>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.

No derating required if ganged.

Adjustable low-end trim.

#### Hi-lume® LED drivers: 3-wire fluorescent dimmers\*

##### Dimmers with on/off switch

Single-pole 120V 8A	SF-10P- <b>CC</b> <sup>3</sup>
Single-pole 277V 6A	SF-12P-277- <b>CC</b> <sup>3</sup>
3-way 120V 8A	SF-103P- <b>CC</b> <sup>3</sup>
3-way 277V 6A	SF-12P-277-3- <b>CC</b> <sup>3</sup>

For use with Hi-lume LED driver only.

For more information on Hi-lume LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

No derating required if ganged.

Adjustable low-end trim.

#### Tu-Wire® fluorescent dimmers

##### Dimmers with on/off switch

3-way/single-pole 120V 5A	SFTU-5A3P- <b>CC</b> <sup>3</sup>
------------------------------	-----------------------------------

Also compatible with Advance Mark X ballasts, for further information, visit [www.lutron.com/advance](http://www.lutron.com/advance).

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466.

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
(Wallplates not included, order separately,  
see pg. 160)

For more information on ballasts, visit  
[www.lutron.com/ballasts](http://www.lutron.com/ballasts).

All models must be derated if ganged unless  
otherwise noted, see pg. 170.

\*Requires neutral wire connection.

## Fan control model numbers

### ✂ Fan controls

Slide-to-off fan controls—quiet 3-speed

Single-pole	SFSQ-F- <b>CC</b> <sup>3</sup>
120V 1.5A	

Single-pole	SFSQ-F-HO- <b>CC</b> <sup>3</sup>
120V 2.0A	

For use with only one ceiling paddle fan.

SFSQ-F-HO- for use with Hunter Original Series.

Slide-to-off fan control—fully variable

Single-pole	SFS-5E- <b>CC</b> <sup>3</sup>
120V 5A	

For use with multiple ceiling paddle fans or exhaust fans.

### ✂ Fan/light controls

Fan control—quiet 3-speed and dimmer

Single-pole fan control	S2-LFSQ- <b>CC</b> <sup>3</sup>
120V 1.5A (left)	
120V single-pole dimmer 300W (right)	

For use with only one ceiling paddle fan.

Fan control—fully variable and dimmer

Single-pole fan control	S2-LF- <b>CC</b> <sup>3</sup>
120V 2.5A (left)	
120V single-pole dimmer 300W (right)	

For use with multiple ceiling paddle fans.

### ✂ Fan control/light switch

Fan control—quiet 3-speed and switch

Single-pole fan control	SFSQ-LF- <b>CC</b> <sup>3</sup>
120V 1.5A (top)	
120V single-pole switch 360W (bottom)	

(incandescent/halogen loads only)

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
(Wallplates not included, order separately,  
see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

\*Requires neutral wire connection.



**Dual device model numbers**

 **Incandescent/halogen and  
Incandescent/halogen dimmers**

Dual slide-to-off dimmers (two loads)

Single-pole	S2-L- <b>CC</b> <sup>3</sup>
120V 300W light (left) incandescent/halogen	
120V 300W light (right) incandescent/halogen	

**Replacement knob model numbers**

 **Knobs**

Single-pole	SK- <b>EE</b> <sup>2</sup>
Standard knob	
Split knobs	contact customer service

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
(Wallplates not included, order separately,  
see pg. 160)

**EE**<sup>2</sup>: Available in White (WH), Ivory (IV),  
Almond (AL) and Light Almond (LA)

All models must be derated if ganged unless  
otherwise noted, see pg. 170.

## Accessories

### Wallplates



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 160.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle

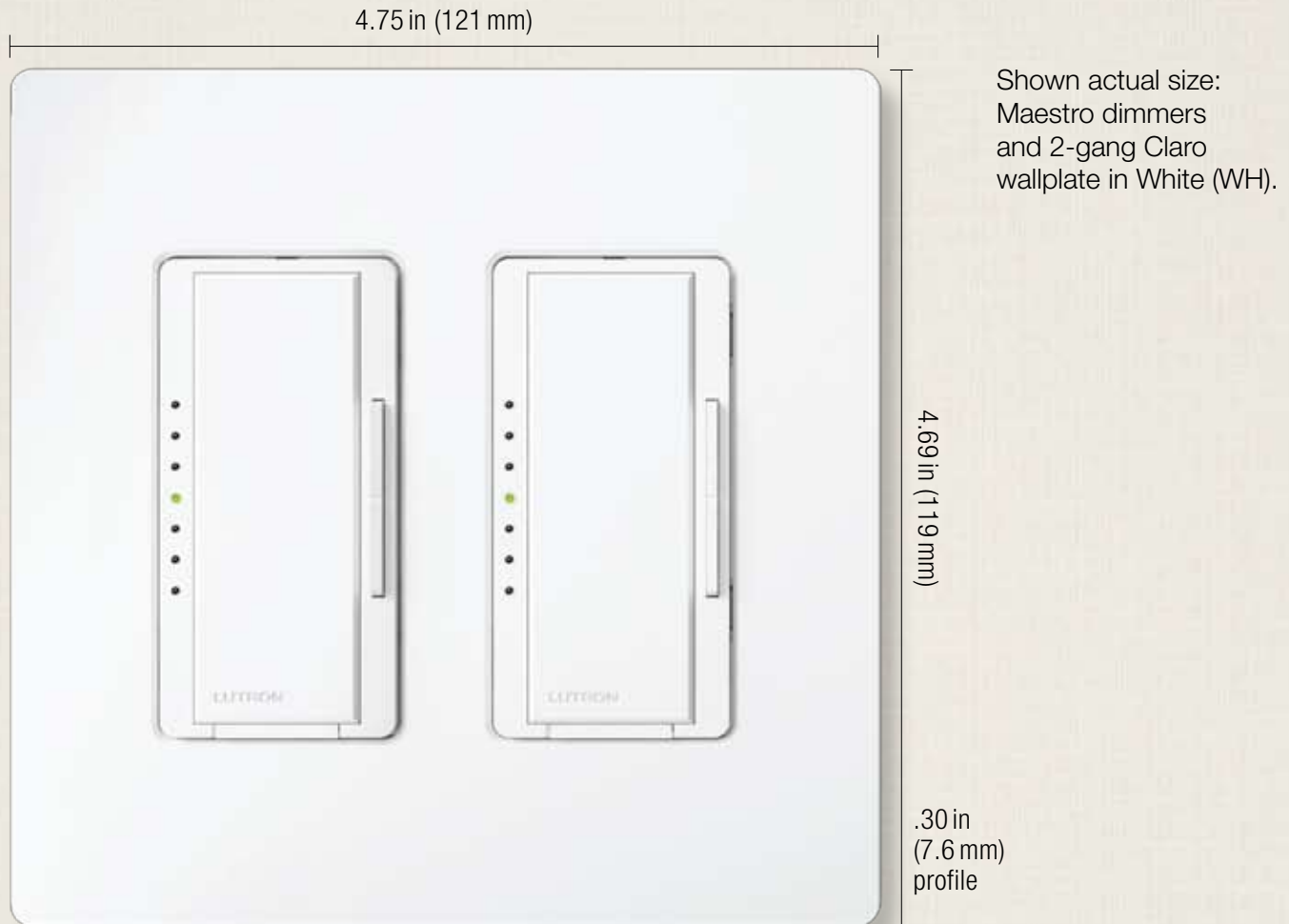


Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 163.



### Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark®, Skylark Contour™
- All Lutron® wallplates are screwless, seamless and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Full line of wiring devices in designer style opening
- Blank inserts available for Gloss colors (DV-BI-) and Satin colors (SC-BI-)
- Customize your designer wallplate with engraving, contact customer service to get started at 1.888.LUTRON1

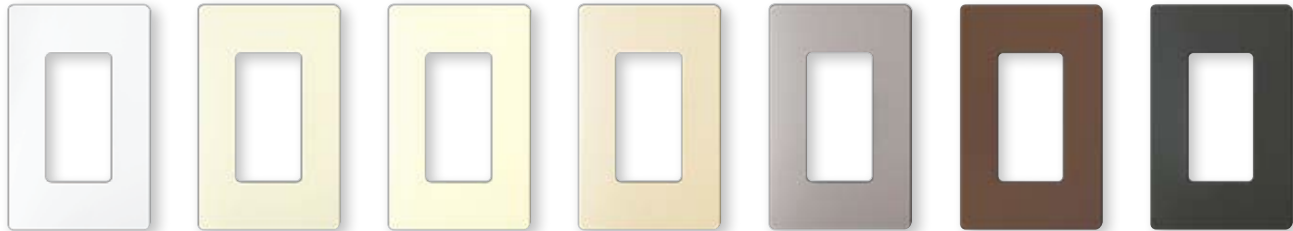
### Ganging and derating

- Designer wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging), see pg. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 172

**Available finishes**

Use **BOLD** color code in model number (Example: SC-1-**PL**)

Gloss finishes



**WH**  
White

**LA**  
Light Almond

**AL**  
Almond

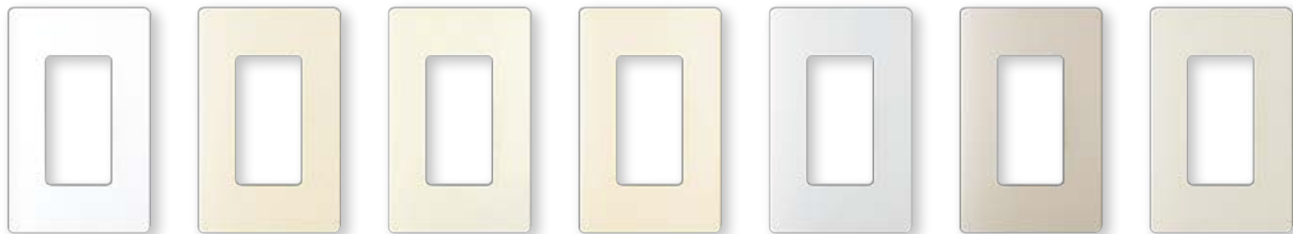
**IV**  
Ivory

**GR**  
Gray

**BR**  
Brown

**BL**  
Black

Satin finishes



**SW**  
Snow

**LS**  
Limestone

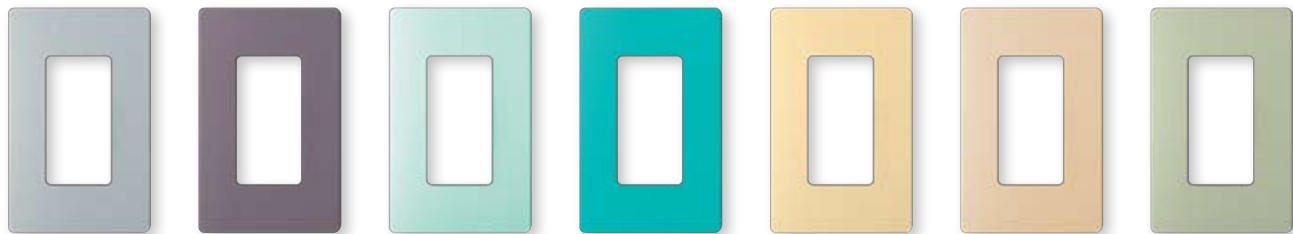
**BI**  
Biscuit

**ES**  
Eggshell

**PD**  
Palladium

**TP**  
Taupe

**ST**  
Stone



**BG**  
Bluestone

**PL**  
Plum

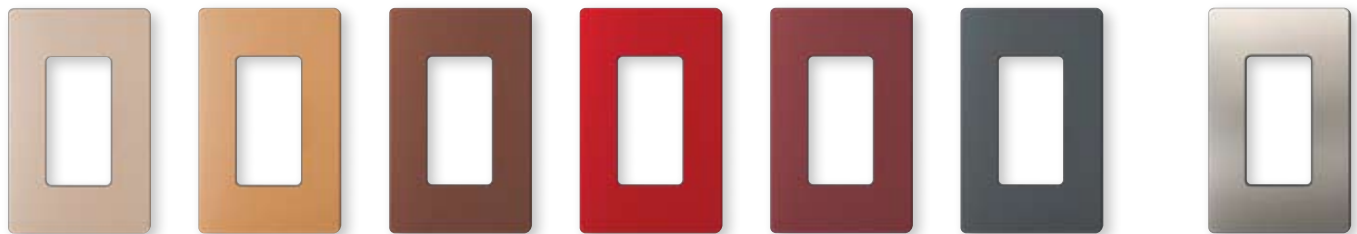
**SG**  
Sea Glass

**TQ**  
Turquoise

**GS**  
Goldstone

**DS**  
Desert Stone

**GB**  
Greenbriar



**MS**  
Mocha Stone

**TC**  
Terracotta

**SI**  
Sienna

**HT**  
Hot

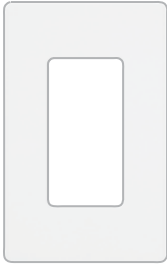
**MR**  
Merlot

**MN**  
Midnight

**SS**  
Stainless Steel\*

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.

Wallplates for Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark® and Skylark Contour™



1-gang\*

CW-1-**CC**<sup>2</sup>  
SC-1-**CC**<sup>4</sup>

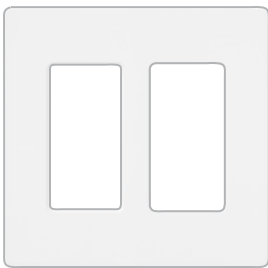
W: 2.94 in (75 mm); H: 4.69 in (119 mm)  
D: .30 in (7.6 mm)



4-gang\*

CW-4-**CC**<sup>2</sup>  
SC-4-**CC**<sup>4</sup>

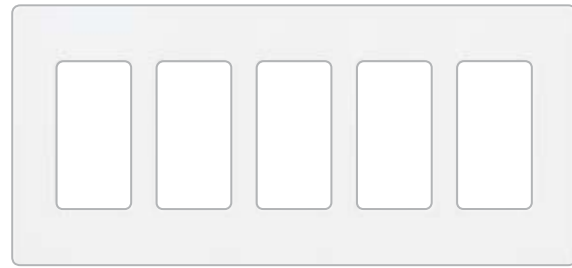
W: 8.37 in (213 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



2-gang\*

CW-2-**CC**<sup>2</sup>  
SC-2-**CC**<sup>4</sup>

W: 4.75 in (121 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



5-gang\*

CW-5-**CC**<sup>2</sup>  
SC-5-**CC**<sup>4</sup>

W: 10.18 in (259 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



3-gang\*

CW-3-**CC**<sup>2</sup>  
SC-3-**CC**<sup>4</sup>

W: 6.56 in (167 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)

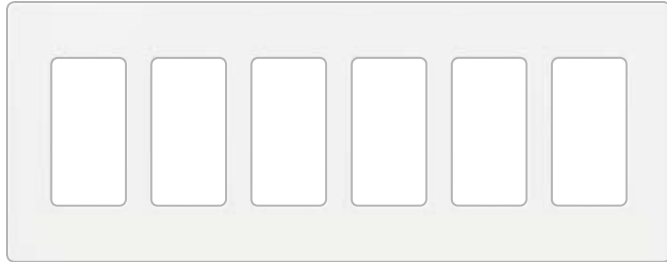
Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox, see Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**CC**<sup>2</sup>: Gloss and Stainless Steel color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

Multi-gang dimmer installations may require derating, see pg. 170.

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.



6-gang\* CW-6-**CC**<sup>2</sup>  
SC-6-**CC**<sup>4</sup>

W: 12.00in (305mm); H: 4.69in (119mm);  
D: .30in (7.6mm)

**Cable jacks**



- F-style, 75-Ohm coaxial cable

Single cable jack\* CA-CJH-**CC**<sup>3</sup>  
SC-CJ-**CC**<sup>4</sup>

**Telephone jacks**



- 6-conductor telephone jack, RJ11

Single telephone jack\* CA-PJH-**CC**<sup>3</sup>  
SC-PJ-**CC**<sup>4</sup>

**CC**<sup>2</sup>: Gloss and Stainless Steel color codes, see pg. 161

**CC**<sup>3</sup>: Gloss color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

**Receptacles**



**Tamper resistant receptacles**

15A, 125V*	CARS-15-TR- <b>CC</b> <sup>3</sup>
	SCRS-15-TR- <b>CC</b> <sup>4</sup>
20A, 125V*	SCRS-20-TR- <b>CC</b> <sup>4</sup>

**Receptacles**

15A, 125V*	CAR-15H- <b>CC</b> <sup>3</sup>
	SCR-15- <b>CC</b> <sup>4</sup>
20A, 125V*	SCR-20- <b>CC</b> <sup>4</sup>

**GFCI Receptacles**



- Press test button to confirm LED indicator status
- Press reset button to reset GFCI after circuit interruption

**Tamper resistant GFCI receptacles**

15A, 125V*	GFCI	CAR-15-GFTR- <b>CC</b> <sup>3</sup>
		SCR-15-GFTR- <b>CC</b> <sup>4</sup>
20A, 125V*	GFCI	SCR-20-GFTR- <b>CC</b> <sup>4</sup>

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**Receptacles for dimming use**



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use

**Duplex for dimming use**

15 A	120/125V*	CAR-15-DFDU- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-DFDU- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-DFDU- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-DFDU- <b>CC</b> <sup>4</sup>

**Receptacles for dimming use**



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plugs for dimming use
- Bottom half is a general use receptacle and will fit standard duplex plugs

**Split duplex (half for dimming use)**

15 A	120/125V*	CAR-15-HFDU- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-HFDU- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-HFDU- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-HFDU- <b>CC</b> <sup>4</sup>

**Receptacles for dimming use**



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use
- 15 A model shown
- Tamper resistant shutter mechanism

**Dual dimming tamper resistant**

15 A	120/125V*	CAR-15-DDTR- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-DDTR- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-DDTR- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-DDTR- <b>CC</b> <sup>4</sup>

**Receptacles for dimming use**



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plugs for dimming use
- Bottom half is a general use receptacle and will fit standard duplex plugs
- 15 A model shown
- Tamper resistant shutter mechanism

**Half dimming tamper resistant**

15 A	120/125V*	CAR-15-HDTR- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-HDTR- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-HDTR- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-HDTR- <b>CC</b> <sup>4</sup>

**CC**<sup>2</sup>: Gloss color code and Stainless Steel, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**Replacement plug for dimming  
(use with receptacles on left)**



- This plug required for use with Lutron® receptacles for dimming use—plug will work in standard receptacle
- Easily replaces the existing plugs on lamps

120/125V White	RP-FDU-10-WH
120/125V Brown	RP-FDU-10-BR

UL/CSA/NOM regulatory approvals.

**Important notes**

- If the hot and dimmed hot feeds to the split duplex HFDDU are supplied from different circuits or split-wired with separate switch-legs, a means to simultaneously disconnect these circuits must be provided at the panel board where they originate (NEC 210.7(C) 2002 Edition). A 2-pole circuit breaker or two single-pole circuit breakers with an approved handle tie can be used to accomplish this simultaneous disconnect. Feed-through dimming panels, which are those without breakers, are recommended when using the HFDDU.
- Receptacles and plugs for dimming use are UL listed for use with all Lutron® wallbox dimmers included in this catalog.
- If there is only one electrical feed to the receptacle, then the duplex DFDDU must be used.
- For detailed information, see Application Notes #91 (Guide to Dimming Table Lamps) and #109 (Guide to Dimming Portable Lamps via Receptacles) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**CC**<sup>2</sup>: Gloss color code and Stainless Steel, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.



**Field customizable 6-port frame**




- Shipped with six blanks in matching colors
- Connectors and wallplate sold separately
- Connectors snap in (no tools required)
- Connectors available in White (WH), unless noted





6-port frame*	CA-6PF- <b>CC</b> <sup>3</sup> SC-6PF- <b>CC</b> <sup>4</sup>
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**Connectors for 6-port frame**

**Telephone/network jacks**

 8-conductor, RJ45 category 3	CON-1P-C3- <b>EE</b> <sup>4</sup>
8-conductor, RJ45 category 5e	CON-1P-C5E- <b>EE</b> <sup>4</sup>
8-conductor, RJ45 category 6	CON-1P-C6- <b>EE</b> <sup>4</sup>


**Fiber jacks**

 MT-RJ feed through	CON-1F-MTRJ-WH
 SC simplex	CON-1F-SC-WH
 LC non-flush mount	CON-1F-LG-WH
 ST style	CON-1F-ST-WH

**Cable jack**

 F-style, 75-Ohm coaxial cable	CON-1C- <b>EE</b> <sup>4</sup>
---	--------------------------------

**BNC jack**

 BNC connector, 50-Ohm	CON-1B-WH
---	-----------

Connectors only for use with 6-port frame.

**Switches**



- Paddle turns on/off
- Use with any 15A load
- General purpose switching of all sources and motor loads
- No derating if ganged

**General purpose switches (120/277 V)**

Single-pole	15A*	CA-1PSH- <b>CC</b> <sup>3</sup> SC-1PS- <b>CC</b> <sup>4</sup>
3-way	15A*	CA-3PSH- <b>CC</b> <sup>3</sup> SC-3PS- <b>CC</b> <sup>4</sup>
4-way	15A*	CA-4PSH- <b>CC</b> <sup>3</sup> SC-4PS- <b>CC</b> <sup>4</sup>

**General purpose switch with locator light (120V only)**

Single-pole	15A*	CA-1PSNL- <b>EE</b> <sup>2</sup> SC-1PSNL- <b>EE</b> <sup>10</sup>
3-way	15A*	CA-3PSNL- <b>EE</b> <sup>2</sup> SC-3PSNL- <b>EE</b> <sup>10</sup>
4-way	15A*	CA-4PSNL- <b>EE</b> <sup>2</sup> SC-4PSNL- <b>EE</b> <sup>10</sup>

**CC**<sup>3</sup>: Gloss color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

**EE**<sup>2</sup>: Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH)

**EE**<sup>4</sup>: Only available in White (WH) and Black (BL)

**EE**<sup>10</sup>: Available in Biscuit (BI), Eggshell (ES), Goldstone (GS), Limestone (LS), Sea Glass (SG) and Snow (SW)

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

## How to understand ganging and derating

### Standard ganging

Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate.

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, pgs. 172–173

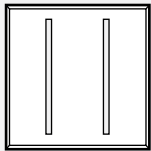
### Custom ganging for Architectural style controls

For Architectural style dimmers and switches, it is possible to retain the maximum capacity of dimmers in multi-gang applications 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](http://www.lutron.com/customganging) for additional information

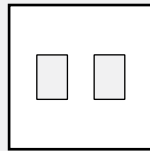
## Standard ganging for dimmers, switches and accessories

### New Architectural



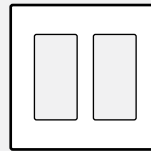
pg. 148

### Architectural



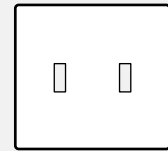
pg. 152

### Designer

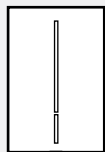


pg. 160

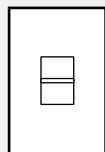
### Traditional



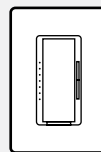
pg. 166



Vierti®



Vareo®  
Nova T☆®



Maestro®  
Maestro IR®  
Maestro Wireless®  
Spacer System®  
Diva®  
Lyneo® Lx  
Skylark®  
Skylark Contour™



Abella®  
Ceana®  
Ariadni®  
Glyder®  
Rotary

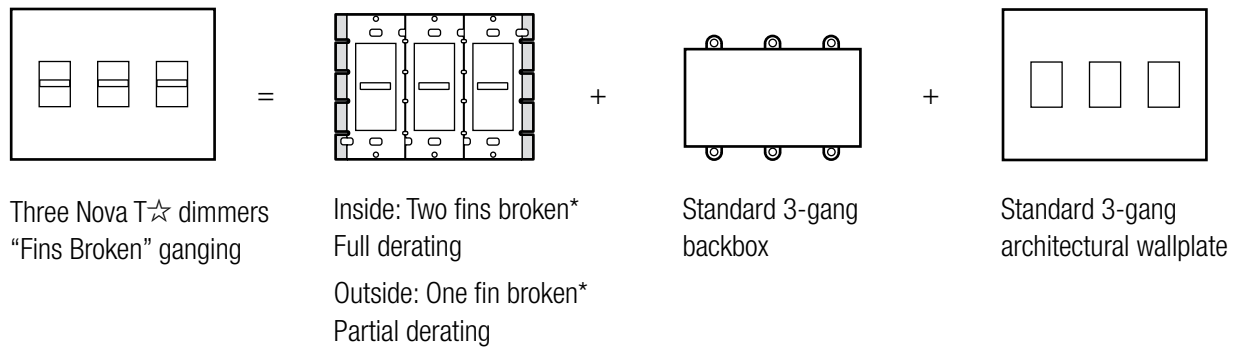
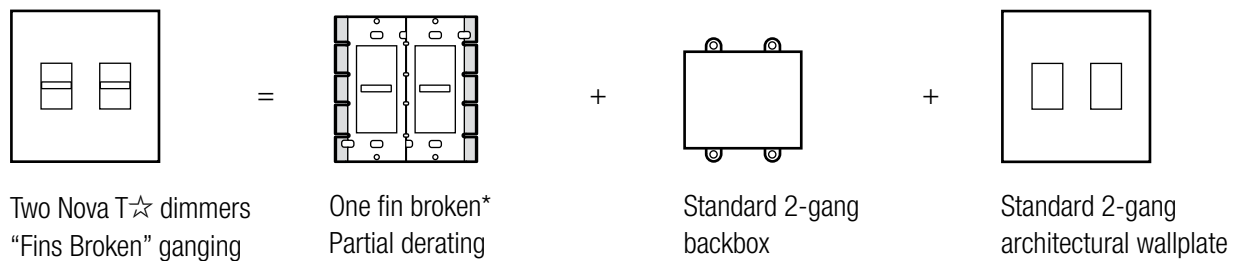
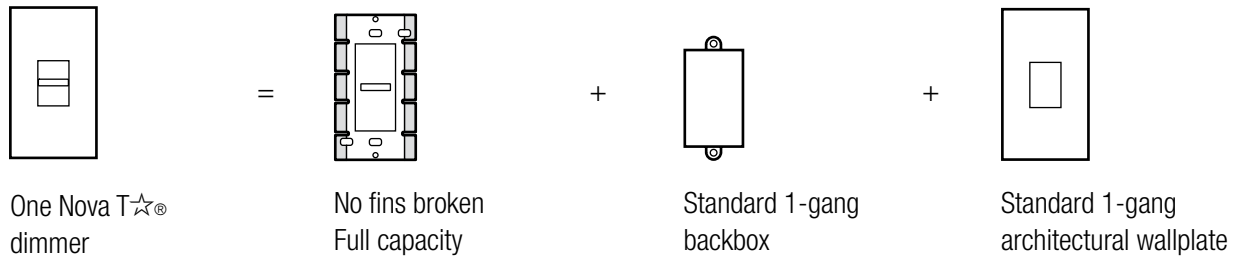
Derating Table 1  
pg. 172

Derating Table 2  
pg. 173

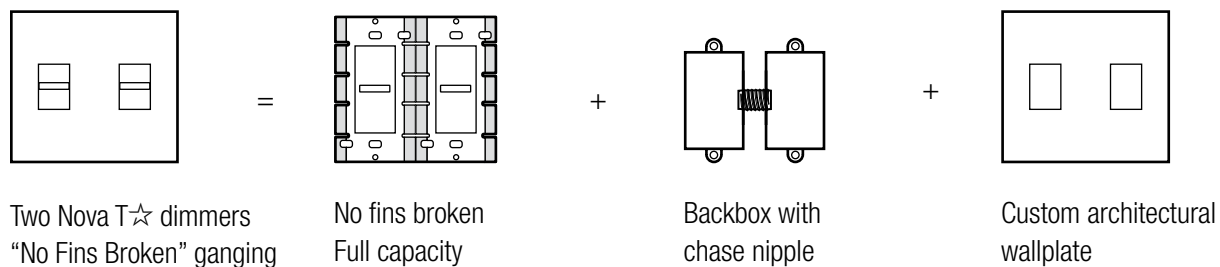
Derating Table 1  
pg. 172

Derating Table 1  
pg. 172

**Standard ganging and fins broken derating examples:**



**Custom Architectural ganging example:**



For further information on ganging and derating, visit [www.lutron.com/multigang](http://www.lutron.com/multigang).  
 \*The fins are scored and designed to be removed easily.

**Derating Table 1**

**New Architectural** | Verti®

**Designer** | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®

**Traditional** | Abella®, Ceano®, Ariadni®, Glyder®, Rotary



**No fins broken**



**1 fin broken**



**2 fins broken**

	No fins broken	1 fin broken	2 fins broken
<b>Incandescent</b>			
Dimmers	600W	500W	400W
	1000W	800W	650W
Dual dimmers	300W	250W	200W
	300W	250W	200W
<b>Magnetic low-voltage</b>			
Dimmers	600VA/450W	500VA/400W	400VA/300W
	1000VA/800W	800VA/650W	650VA/500W
<b>Electronic low-voltage</b>			
Dimmers	300W	250W	200W
	500W	450W	400W
	600W	500W	400W
<b>Fluorescent</b>			
<b>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</b>			
Verti	60 ballasts/6A	50 ballasts/5A	35 ballasts/3.5A
Maestro/Spacer System	20 ballasts/6A	20 ballasts/5A	20 ballasts/3.5A
Diva, Skylark, Lyneo Lx and Ariadni	no derating	no derating	no derating
Tu-Wire®: Spacer System, Diva, Skylark	5A	4A	3.3A
<b>Fan controls</b>			
Quiet 7-speed	1.0A/300W	1.0A/300W	1.0A/300W
Quiet 3-speed	1.5A	1.5A	1.5A
Fully variable	5A	4A	3A
<b>Fan/light controls</b>			
Quiet 7-speed	1.0A/300W	1.0A/300W	1.0A/300W
Quiet 3-speed	1.5A/300W	1.5A/300W	1.5A/300W
	1.5A/360W	1.5A/360W	1.5A/360W
Fully variable	2.5A/300W	2.1A/250W	1.7A/200W
<b>Electronic switches</b>			
Verti	6A/3A	5A/3A	3.5A/3A
Maestro (light/fan)	8A/3A	6.5A/3A	5A/3A
Abella (light/fan)	6A/3A	5A/3A	3.5A/3A

**Derating Table 2**

**Architectural** | Vareo®, Nova T☆®



**No fins broken**



**1 fin broken**



**2 fins broken**

	No fins broken	1 fin broken	2 fins broken
<b>Incandescent</b>			
Dimmers	600W	500W	300W
	1000W	900W	700W
	1500W	1250W	1000W
	1950W	–	–
<b>Magnetic low-voltage</b>			
Dimmers	600 VA/450 W	500 VA/400 W	300 VA/250 W
	1000 VA/800 W	900 VA/750 W	700 VA/500 W
	1500 VA/1200 W	1250 VA/1000 W	1000 VA/800 W
<b>Electronic low-voltage</b>			
Dimmers	300W	300W	250W
	600W	500W	400W
<b>Fluorescent</b>			
<b>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</b>			
Vareo	20 ballasts /8 A	20 ballasts /6 A	20 ballasts /4.5 A
Nova T☆	6 A	no derating	no derating
	8 A	no derating	no derating
	16 A	no derating	no derating
0-10VDC control <sup>1</sup>	30mA ballasts	no derating	no derating
Tu-Wire®	5 A	4 A	3.3 A
<b>Fan controls</b>			
Quiet 3-speed	1.5 A	no derating	no derating
Fully variable	6 A	4.2 A	2.5 A
Fully variable	12 A	10 A	8.3 A
<b>Electronic tapswitches<sup>2</sup></b>			
VETS-1000-	1000W	800W	650W
VETS-1000-SL-	1000W	900W	700W
VETN-1000-	1000 VA	700 VA	550 VA

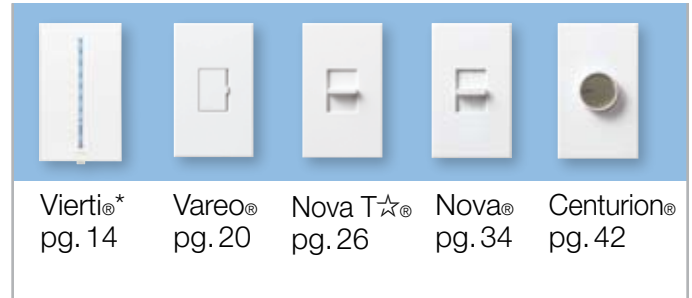
For further information on ganging Nova®, visit [www.lutron.com/customganging](http://www.lutron.com/customganging).

<sup>1</sup>PowerPack required for line voltage switching.

<sup>2</sup>VETS-R-Auxiliary electronic tapswitches do not require derating.

## Dimmer capabilities and interface requirements

- M** Multi-location—true dimming from each location
- E** eco-model available
- Compatible dimmer (no interface)
- WBX** **TVI** **3F** **PA** Requires interface, see notes below



Dimmers	capacity†	M				
💡 <b>Incandescent/halogen</b> 120V	600W				<b>M</b>	
	1000W				<b>M</b>	
	1500W			<b>WBX</b>		
	2000W			<b>WBX</b>		
💡 <b>Magnetic low-voltage</b> 120V	600 VA (450W)					
	1000 VA (800W)					
	1500 VA (1200W)			<b>WBX</b>		
	2000 VA (1600W)			<b>WBX</b>	<b>WBX</b>	
💡 <b>Magnetic low-voltage</b> 277V	600 VA (450W)			<b>WBX</b>		<b>WBX</b>
	1000 VA (800W)			<b>WBX</b>		<b>WBX</b>
🍷 <b>Electronic low-voltage</b> 120V	300W			<b>WBX</b>		
	450W			<b>WBX</b>	<b>WBX</b>	
	600W			<b>WBX</b>		<b>WBX</b>
🍷 <b>Electronic low-voltage</b> 277V	16A			<b>WBX</b>	<b>WBX</b>	<b>WBX</b>
🌀 <b>Neon/cold cathode</b>				<b>WBX</b>	<b>WBX</b>	
🔌 <b>3-wire ballasts and Hi-lume® LED driver</b> 120V	6A					
	Hi-lume, Hi-lume Compact SE,	8A				
	Eco-10® and EcoSystem® ballasts	16A			<b>3F</b>	
🔌 <b>3-wire ballasts and Hi-lume LED driver</b> 277V	6A				<b>3F</b>	
	Hi-lume, Hi-lume Compact SE,	8A			<b>3F</b>	
	Eco-10 and EcoSystem ballasts	16A			<b>3F</b>	<b>3F</b>
					<b>3F</b>	<b>3F</b>
⚡ <b>Tu-Wire®</b> ballasts 120V	5A			<b>PA</b>		
🔌 <b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A	<b>TVI</b>	<b>TVI</b>			

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH)

**TVI:** 0-10V Interface (GRX-TVI)

**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)

**See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.**

\*Consult Lutron Technical Support for information on interfaces with Vierti.

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).

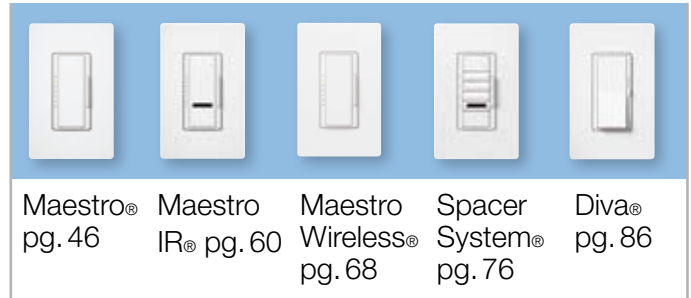
## Dimmer capabilities and interface requirements











**M** Multi-location—true dimming from each location

**E** eco-model available

 Compatible dimmer (no interface)

**WBX** **TVI** **3F** **PA** Requires interface, see notes below



Dimmers	capacity†	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>		
 <b>Incandescent/halogen</b> 120V	600W	<b>E</b>				<b>E</b>	
	1000W						
	1500W	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
	2000W	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Magnetic low-voltage</b> 120V	600VA (450W)						
	1000VA (800W)						
	1500VA (1200W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
	2000VA (1600W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Magnetic low-voltage</b> 277V	600VA (450W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
	1000VA (800W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Electronic low-voltage</b> 120V	300W			<b>WBX</b>			
	450W			<b>WBX</b>		<b>WBX</b>	
	600W			<b>WBX</b>		<b>WBX</b>	
 <b>Electronic low-voltage</b> 277V	16A	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Neon/cold cathode</b>				<b>WBX</b>		<b>WBX</b>	
 <b>3-wire ballasts and Hi-lume® LED driver</b> 120V	6A						
	Hi-lume, Hi-lume Compact SE, Eco-10® and EcoSystem® ballasts	8A	<b>3F</b>		<b>3F</b>	<b>3F</b>	
	16A	<b>3F</b>		<b>3F</b>	<b>3F</b>	<b>3F</b>	
 <b>3-wire ballasts and Hi-lume LED driver</b> 277V	6A						
	Hi-lume, Hi-lume Compact SE, Eco-10 and EcoSystem ballasts	8A	<b>3F</b>		<b>3F</b>	<b>3F</b>	<b>3F</b>
	16A	<b>3F</b>		<b>3F</b>	<b>3F</b>	<b>3F</b>	
 <b>Tu-Wire®</b> ballasts 120V	5A	<b>PA</b>		<b>PA</b>			
 <b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A	<b>TVI</b>		<b>TVI</b>	<b>TVI</b>	<b>TVI</b>	

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH)

**TVI:** 0-10V Interface (GRX-TVI)

**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)

See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).















## Dimmer capabilities and interface requirements

**M** Multi-location—true dimming from each location

**E** eco-model available

 Compatible dimmer (no interface)

**WBX** **TVI** **3F** **PA** Requires interface, see notes below

					
		Lyneo® Lx pg. 94	Skylark Contour™ pg. 100	Skylark® pg. 104	Abella® pg. 114
Dimmers	capacity†				<b>M</b>
 <b>Incandescent/halogen</b> 120V	600W		<b>E</b>	<b>E</b>	
	1000W				
	1500W	<b>WBX</b>		<b>WBX</b>	
	2000W	<b>WBX</b>		<b>WBX</b>	
 <b>Magnetic low-voltage</b> 120V	600 VA (450W)				
	1000 VA (800W)			<b>WBX</b>	
	1500 VA (1200W)	<b>WBX</b>		<b>WBX</b>	
	2000 VA (1600W)	<b>WBX</b>		<b>WBX</b>	
 <b>Magnetic low-voltage</b> 277V	600 VA (450W)	<b>WBX</b>		<b>WBX</b>	
	1000 VA (800W)	<b>WBX</b>		<b>WBX</b>	
 <b>Electronic low-voltage</b> 120V	300W				
	450W			<b>WBX</b>	
	600W			<b>WBX</b>	
 <b>Electronic low-voltage</b> 277V	16A	<b>WBX</b>		<b>WBX</b>	
 <b>Neon/cold cathode</b>		<b>WBX</b>		<b>WBX</b>	
 <b>3-wire ballasts and Hi-lume® LED driver</b> 120V	6A				
	Hi-lume, Hi-lume Compact SE, Eco-10® and EcoSystem® ballasts	8A			
		16A	<b>3F</b>		<b>3F</b>
 <b>3-wire ballasts and Hi-lume LED driver</b> 277V	6A				
	Hi-lume, Hi-lume Compact SE, Eco-10 and EcoSystem ballasts	8A	<b>3F</b>		<b>3F</b>
		16A	<b>3F</b>		<b>3F</b>
 <b>Tu-Wire® ballasts</b> 120V	5A	<b>PA</b>			
 <b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A	<b>TVI</b>		<b>TVI</b>	

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

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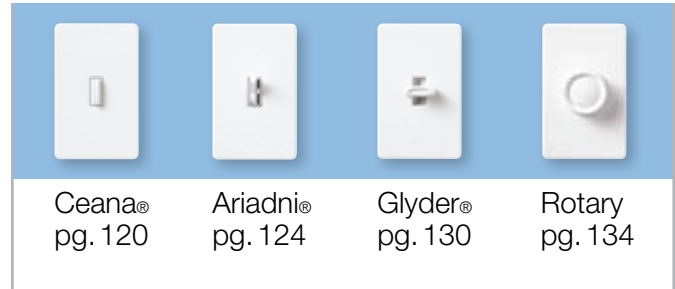
**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)











†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).



## Dimmer capabilities and interface requirements

- M** Multi-location—true dimming from each location
- E** eco-model available
- Compatible dimmer (no interface)
- WBX** **TVI** **3F** **PA** Requires interface, see notes below



Dimmers	capacity†				
 <b>Incandescent/halogen</b> 120V	600W		<b>E</b>		<b>E</b>
	1000W				
	1500W		<b>WBX</b>		
	2000W		<b>WBX</b>		
 <b>Magnetic low-voltage</b> 120V	600 VA (450W)				
	1000 VA (800W)				
	1500 VA (1200W)		<b>WBX</b>		
	2000 VA (1600W)		<b>WBX</b>		
 <b>Magnetic low-voltage</b> 277V	600 VA (450W)		<b>WBX</b>		
	1000 VA (800W)		<b>WBX</b>		
 <b>Electronic low-voltage</b> 120V	300W		<b>WBX</b>		
	450W		<b>WBX</b>		
	600W		<b>WBX</b>		
 <b>Electronic low-voltage</b> 277V	16A		<b>WBX</b>		
 <b>Neon/cold cathode</b>			<b>WBX</b>		
 <b>3-wire ballasts and Hi-lume® LED driver</b> 120V 6A	Hi-lume, Hi-lume Compact SE,	8A			
	Eco-10® and EcoSystem® ballasts	16A		<b>3F</b>	
 <b>3-wire ballasts and Hi-lume LED driver</b> 277V 6A	Hi-lume, Hi-lume Compact SE,	8A		<b>3F</b>	
	Eco-10 and EcoSystem ballasts	16A		<b>3F</b>	
 <b>Tu-Wire® ballasts</b> 120V	5A		<b>PA</b>		
 <b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A		<b>TVI</b>		

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH)




**See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.**

**TVI:** 0-10V Interface (GRX-TVI)

**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).

**Dimmer models/load interface compatibility**

	Incandescent, magnetic and electronic low-voltage (120/277 V)		3-wire Fluorescent ballasts or Hi-lume® LED drivers (120/277 V)		0-10VDC Ballasts or LED drivers (120/277 V)	
	<b>WBX</b> 		<b>3F</b> 		<b>TVI</b> 	
	Wallbox Phase Adaptive Power Module* PHPM-WBX-DV-WH		Fluorescent Power Module* PHPM-3F-DV-WH		0-10V Interface GRX-TVI	
<b>Dimmer Family</b>	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location
Abella®	–	–	–	–	–	–
Ariadni®	–	AYF-103P-	–	AYF-103P-	–	AYF-103P-
Ceana®	–	–	–	–	–	–
Diva® Gloss	–	DVF-103P-	–	DVF-103P-	–	DVF-103P-
Diva Satin Colors®	–	DVSCF-103P-	–	DVSCF-103P-	–	DVSCF-103P-
Glyder®	–	–	–	–	–	–
Lyneo® Lx	–	LXF-103PL-	–	LXF-103PL-	–	LXF-103PL-
Maestro® Gloss	–	MAF-6AM-	–	MAF-6AM-	–	MAF-6AM-
Maestro® Satin Colors®	–	MSCF-6AM-	–	MSCF-6AM-	–	MSCF-6AM-
Maestro Wireless®	–	MRF2-F6AN-DV-	–	MRF2-F6AN-DV-	–	MRF2-F6AN-DV-
Nova®	NF-10-	NF-103P-	NF-10-	NF-103P-	NF-10-	NF-103P-
Nova T☆®	NTF-10-	NTF-103P-	NTF-10-	NTF-103P-	NTF-10-	NTF-103P-
Skylark®	SF-10P-	SF-103P-	SF-10P-	SF-103P-	SF-10P-	SF-103P-
Spacer System®	–	SPSF-6AM-	–	SPSF-6AM-	SPSF-S6A-	SPSF-6AM-
Vareo®	–	VF-10-	–	VF-10-	–	VF-10-
Vierti®	contact Lutron		contact Lutron		–	VTF-6AM-

**Use only dimmer model numbers listed.**

\*Dual 120/277 V model given, 120V only versions are also available. Please see Technical notes, pg. 179.

## Dimmer models/load interface compatibility

Dimmer Family	Tu-Wire® Fluorescent Ballasts (120V)		Switched Lighting (120/277V)	
	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location
	Phase Adaptive Power Module* PHPM-PA-DV-WH	Switching Power Module* PHPM-SW-DV-WH		
Abella®	–	–	–	AB-S6AM-
Ariadni®	–	AYF-103P-	–	–
Ceana®	–	–	–	–
Diva® Gloss	–	DVF-103P-	–	–
Diva Satin Colors®	–	DVSCF-103P-	–	–
Glyder®	–	–	–	–
Lyneo® Lx	–	LXF-103PL-	LX-1PSL-	LX-3PSL-
Maestro® Gloss	–	MAF-6AM-	–	MA-S8AM-
Maestro® Satin Colors®	–	MSCF-6AM-	–	MSC-S8AM-
Maestro Wireless®	–	MRF2-F6AN-DV-	–	MRF2-6ANS-
Nova®	NF-10-	NF-103P-	–	–
Nova T☆®	NTF-10-	NTF-103P-	–	–
Skylark®	SF-10P-	SF-103P-	–	–
Spacer System®	SPSF-S6A-	SPSF-6AM-	SPSF-S6A-	SPSF-S6AM-
Vareo®	–	VF-10-	–	VETN-1000-
Vierti®	contact Lutron		contact Lutron	

### Technical notes

- Lighting load interfaces must be matched to load type and voltage
- All load interfaces for dimmed load are controlled by a 120V 3-wire fluorescent dimmer
- Power feed to dimmer may differ from lighting load/interface voltage
- Interfaces typically require additional power feeds
- For wiring information, consult wiring diagrams, see pgs. 193-195
- For assistance and additional solutions, consult Lutron Technical Support at 1.800.523.9466 (24 hours/7 days)

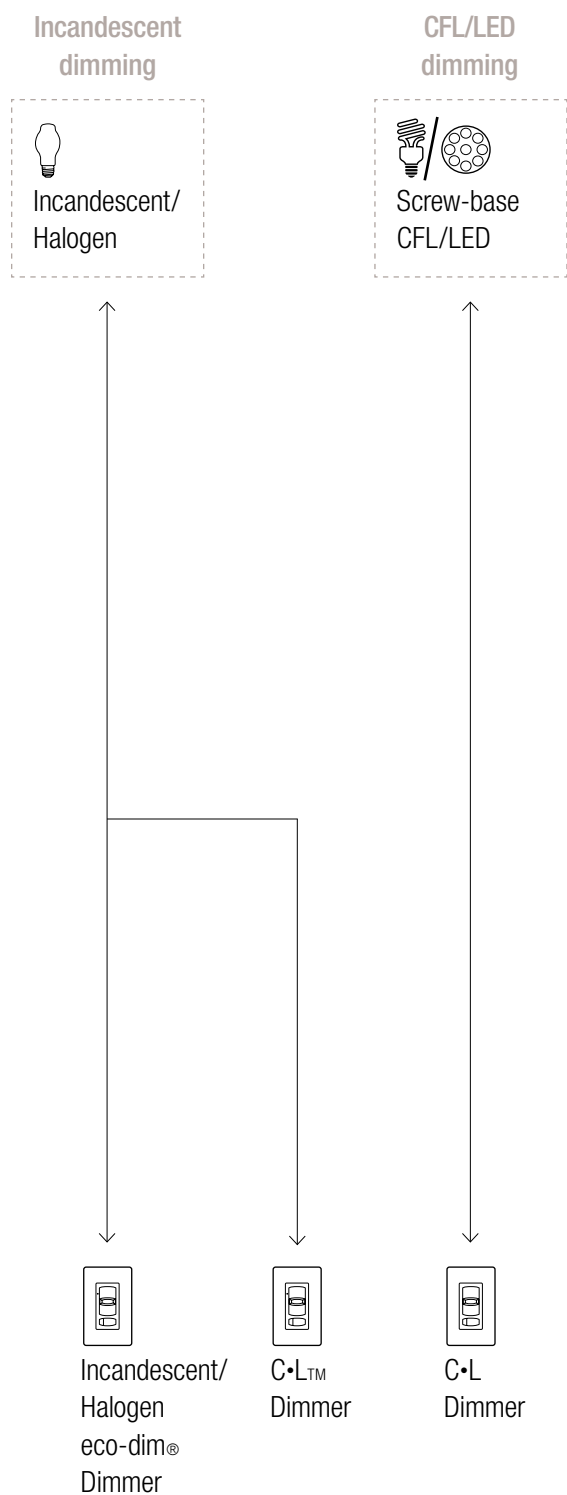
### Interface mounting

- PHPM interfaces mount to 2-gang electrical backbox (W: 6.30 in x H: 5.10 in)
- GRX-TVI enclosure is surface mount only (W: 6.10 in x H: 12.50 in x D: 3.30 in)

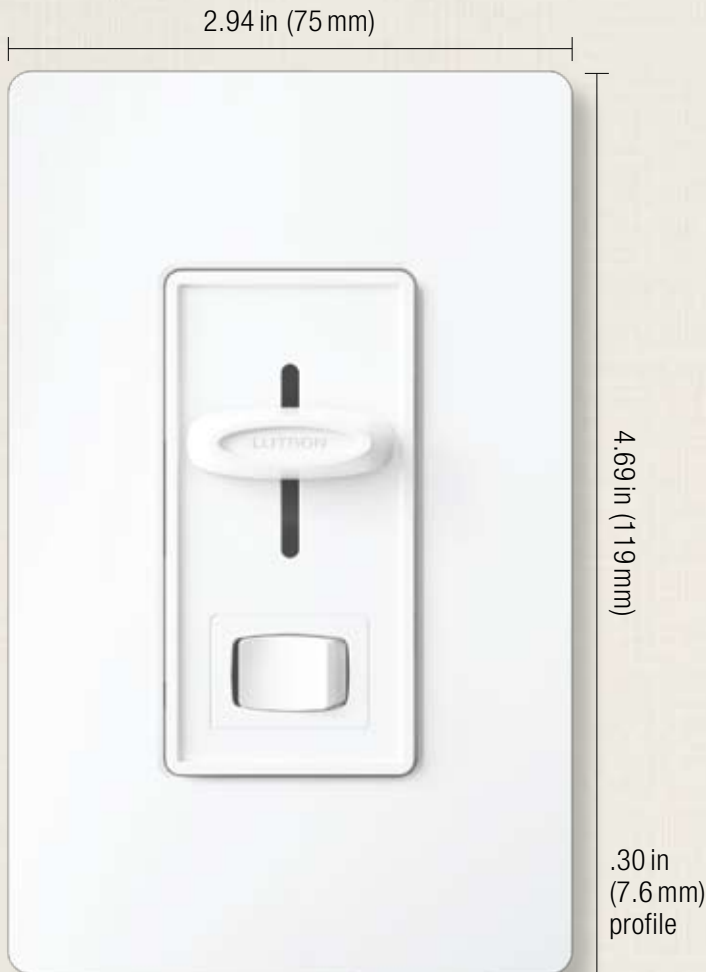
### Use only dimmer model numbers listed.

\*Dual 120/277V model given, 120V only versions are also available. Please see Technical notes, pg. 179.

# Skylark Contour™



**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.





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

### Product family features





- Rocker switch returns light to your favorite light level
- Slide up to brighten, down to dim (adjust light to suit any activity)
- **eco-dim®** model available
- 1000 W preset dimmers have voltage compensation which maintains stable light levels, despite line voltage variations
- 100% factory tested
- Coordinating Claro® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

### Control types


 Single-pole (one location)

 3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Dimmable compact fluorescent
-  Ceiling fans
-  Ceiling fan/lights

### Load type requiring load interface

 Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage and capacity combinations.

For additional information, see pg. 174.

### Available finishes

Use **BOLD** color code in model number (Example: S-600P-**GR**)

Gloss finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black



**SS**  
Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 160.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

## Dimmers

### Slide-to-off dimmers



- Slide up to on/brighten; down to dim/off

### Dimmers with on/off switch and locator light



- Rocker switch turns on/off
- Slide up to brighten; down to dim
- Includes amber locator light

### Dimmers with on/off switch



- Rocker switch turns on/off
- Slide up to brighten; down to dim
- **eco-dim**® model guarantees at least 15% energy savings compared to a standard switch

## Fan and fan/light controls

### Slide-to-off fan controls



- Slide up to on/increase speed; down to decrease/off
- 3-quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Quiet 3-speed designed to prevent motor hum
- Fully variable model also available

### Slide-to-off fan controls with on/off light switch



#### Fan control (top)

- Slide up to on/increase fan speed; down to decrease fan speed/off
  - 3-quiet fan speeds for increased comfort
  - For use with only one ceiling paddle fan
  - Quiet 3-speed designed to prevent motor hum
- #### Switch (bottom)
- Rocker switch turns light on/off

## Dual devices

### Dual slide-to-off dimmers (two loads)



#### Dimmers (left/right)

- Slide up to on/brighten; down to dim/off

### Dual slide-to-off fan control and dimmer



#### Fan control (left)

- Slide up to on/increase speed; down to decrease/off
- 3-quiet fan speeds for increased comfort
- Quiet 3-speed designed to prevent motor hum
- Fully variable available for use with multiple paddle or exhaust fans

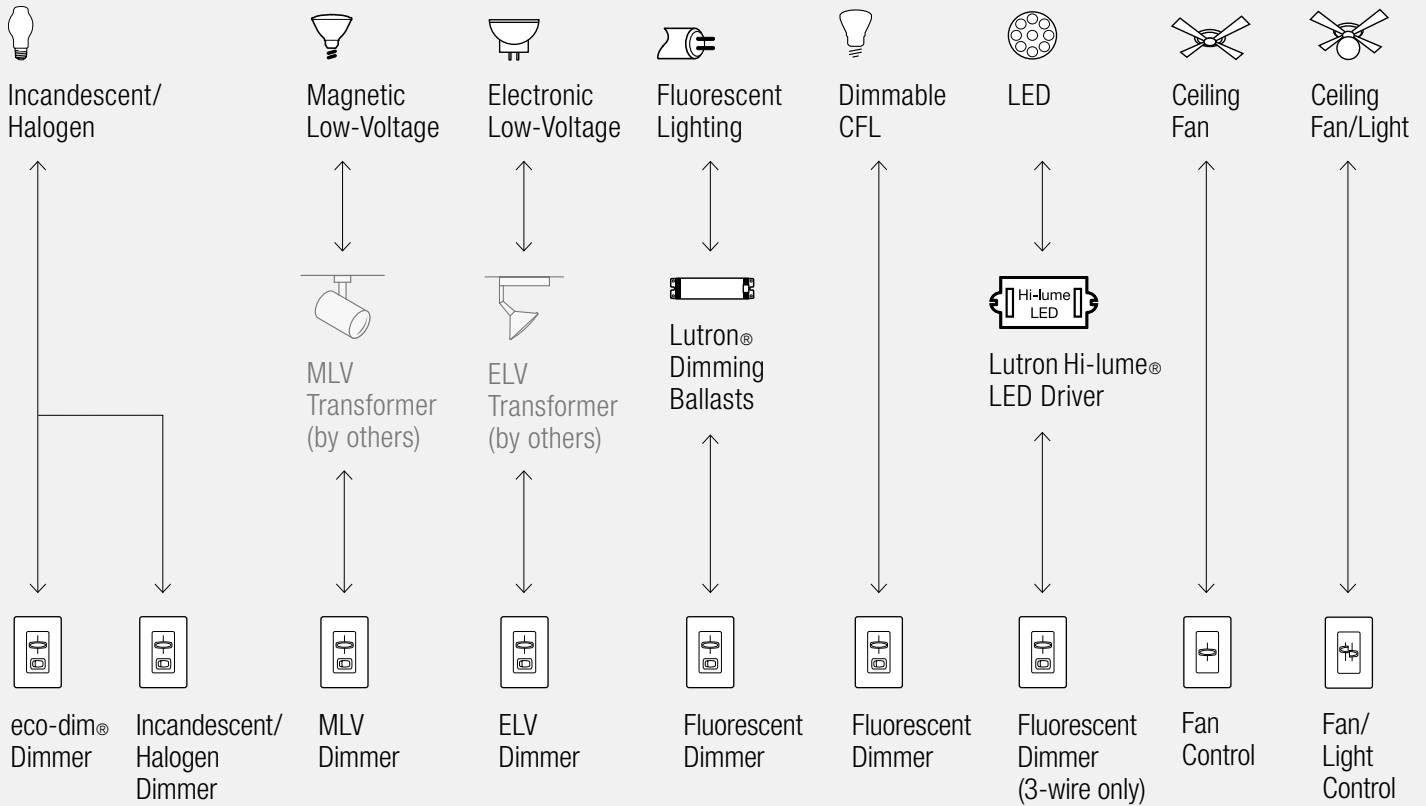
#### Dimmer (right)

- Slide up to on/brighten; down to dim/off

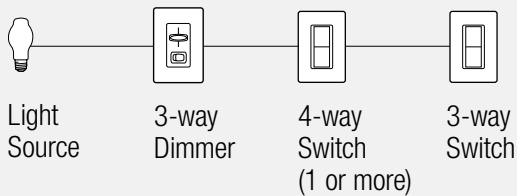
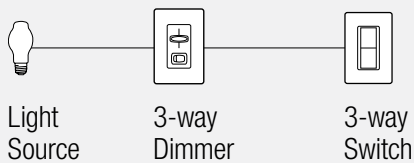


Connections overview

Load connections\*



Control types (for 2 or more locations)  
Dim from one location, switch from the others



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).  
For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

\*For illustration purposes only. Consult model number pages for specific voltage and capacity information.

**Dimmer model numbers**

 **Incandescent/halogen dimmers**

**Dimmers with on/off switch**

Single-pole 120V 600W	S-600P- <b>CC</b> <sup>3</sup>
Single-pole 120V 1000W	S-10P- <b>CC</b> <sup>3</sup>
3-way 120V 600W	S-603P- <b>CC</b> <sup>3</sup>
3-way 120V 1000W	S-103P- <b>CC</b> <sup>3</sup>

**eco-dim® dimmer with on/off switch**

3-way/single-pole 120V 600W	S-603PG- <b>EE</b> <sup>2</sup>
--------------------------------	---------------------------------

eco-dim model guarantees at least 15% energy savings compared to a standard switch.

**Dimmers with on/off switch and locator light**

Single-pole 120V 600W	S-600PNL- <b>CC</b> <sup>3</sup>
Single-pole 120V 1000W	S-10PNL- <b>CC</b> <sup>3</sup>
3-way 120V 600W	S-603PNL- <b>CC</b> <sup>3</sup>
3-way 120V 1000W	S-103PNL- <b>CC</b> <sup>3</sup>

**Slide-to-off dimmers**

Single-pole 120V 600W	S-600- <b>CC</b> <sup>3</sup>
Single-pole 120V 1000W	S-1000- <b>CC</b> <sup>3</sup>

For dual slide-to-off dimmers (two loads), see page 111.

 **Magnetic low-voltage dimmers**

**Dimmers with on/off switch**

Single-pole 120V 600VA (450W)	SLV-600P- <b>CC</b> <sup>3</sup>
3-way 120V 600VA (450W)	SLV-603P- <b>CC</b> <sup>3</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

 **Electronic low-voltage dimmers\***

**Dimmers with on/off switch**

Single-pole 120V 300W	SELV-300P- <b>CC</b> <sup>3</sup>
3-way 120V 300W	SELV-303P- <b>CC</b> <sup>3</sup>

Certain LED drivers are dimmable using an ELV dimmer, for more information, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
**EE**<sup>2</sup>: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)  
 (Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

**\*Requires neutral wire connection.**

### Dimmer model numbers

#### 3-wire fluorescent dimmers\*

##### Dimmers with on/off switch

Single-pole 120V 8A	SF-10P- <b>CC</b> <sup>3</sup>
Single-pole 277V 6A	SF-12P-277- <b>CC</b> <sup>3</sup>
3-way 120V 8A	SF-103P- <b>CC</b> <sup>3</sup>
3-way 277V 6A	SF-12P-277-3- <b>CC</b> <sup>3</sup>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.

No derating required if ganged.

Adjustable low-end trim.

#### Hi-lume® LED drivers: 3-wire fluorescent dimmers\*

##### Dimmers with on/off switch

Single-pole 120V 8A	SF-10P- <b>CC</b> <sup>3</sup>
Single-pole 277V 6A	SF-12P-277- <b>CC</b> <sup>3</sup>
3-way 120V 8A	SF-103P- <b>CC</b> <sup>3</sup>
3-way 277V 6A	SF-12P-277-3- <b>CC</b> <sup>3</sup>

For use with Hi-lume LED driver only.

For more information on Hi-lume LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

No derating required if ganged.

Adjustable low-end trim.

#### Tu-Wire® fluorescent dimmers

##### Dimmers with on/off switch

3-way/single-pole 120V 5A	SFTU-5A3P- <b>CC</b> <sup>3</sup>
------------------------------	-----------------------------------

Also compatible with Advance Mark X ballasts, for further information, visit [www.lutron.com/advance](http://www.lutron.com/advance).

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466.

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
(Wallplates not included, order separately,  
see pg. 160)

For more information on ballasts, visit  
[www.lutron.com/ballasts](http://www.lutron.com/ballasts).

All models must be derated if ganged unless  
otherwise noted, see pg. 170.

\*Requires neutral wire connection.

## Fan control model numbers

### ✂ Fan controls

Slide-to-off fan controls—quiet 3-speed

Single-pole	SFSQ-F- <b>CC</b> <sup>3</sup>
120V 1.5A	

Single-pole	SFSQ-F-HO- <b>CC</b> <sup>3</sup>
120V 2.0A	

For use with only one ceiling paddle fan.

SFSQ-F-HO- for use with Hunter Original Series.

Slide-to-off fan control—fully variable

Single-pole	SFS-5E- <b>CC</b> <sup>3</sup>
120V 5A	

For use with multiple ceiling paddle fans or exhaust fans.

### ✂ Fan/light controls

Fan control—quiet 3-speed and dimmer

Single-pole fan control	S2-LFSQ- <b>CC</b> <sup>3</sup>
120V 1.5A (left)	
120V single-pole dimmer 300W (right)	

For use with only one ceiling paddle fan.

Fan control—fully variable and dimmer

Single-pole fan control	S2-LF- <b>CC</b> <sup>3</sup>
120V 2.5A (left)	
120V single-pole dimmer 300W (right)	

For use with multiple ceiling paddle fans.

### ✂ Fan control/light switch

Fan control—quiet 3-speed and switch

Single-pole fan control	SFSQ-LF- <b>CC</b> <sup>3</sup>
120V 1.5A (top)	
120V single-pole switch 360W (bottom)	


(incandescent/halogen loads only)

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
(Wallplates not included, order separately,  
see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

\*Requires neutral wire connection.

**Dual device model numbers**

 **Incandescent/halogen and  
Incandescent/halogen dimmers**

Dual slide-to-off dimmers (two loads)

Single-pole	S2-L- <b>CC</b> <sup>3</sup>
120V 300W light (left) incandescent/halogen	
120V 300W light (right) incandescent/halogen	

**Replacement knob model numbers**

 **Knobs**

Single-pole	SK- <b>EE</b> <sup>2</sup>
Standard knob	
Split knobs	contact customer service

**CC**<sup>3</sup>: Gloss color codes, see pg. 105  
(Wallplates not included, order separately,  
see pg. 160)

**EE**<sup>2</sup>: Available in White (WH), Ivory (IV),  
Almond (AL) and Light Almond (LA)

All models must be derated if ganged unless  
otherwise noted, see pg. 170.

## Accessories

### Wallplates



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 160.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle

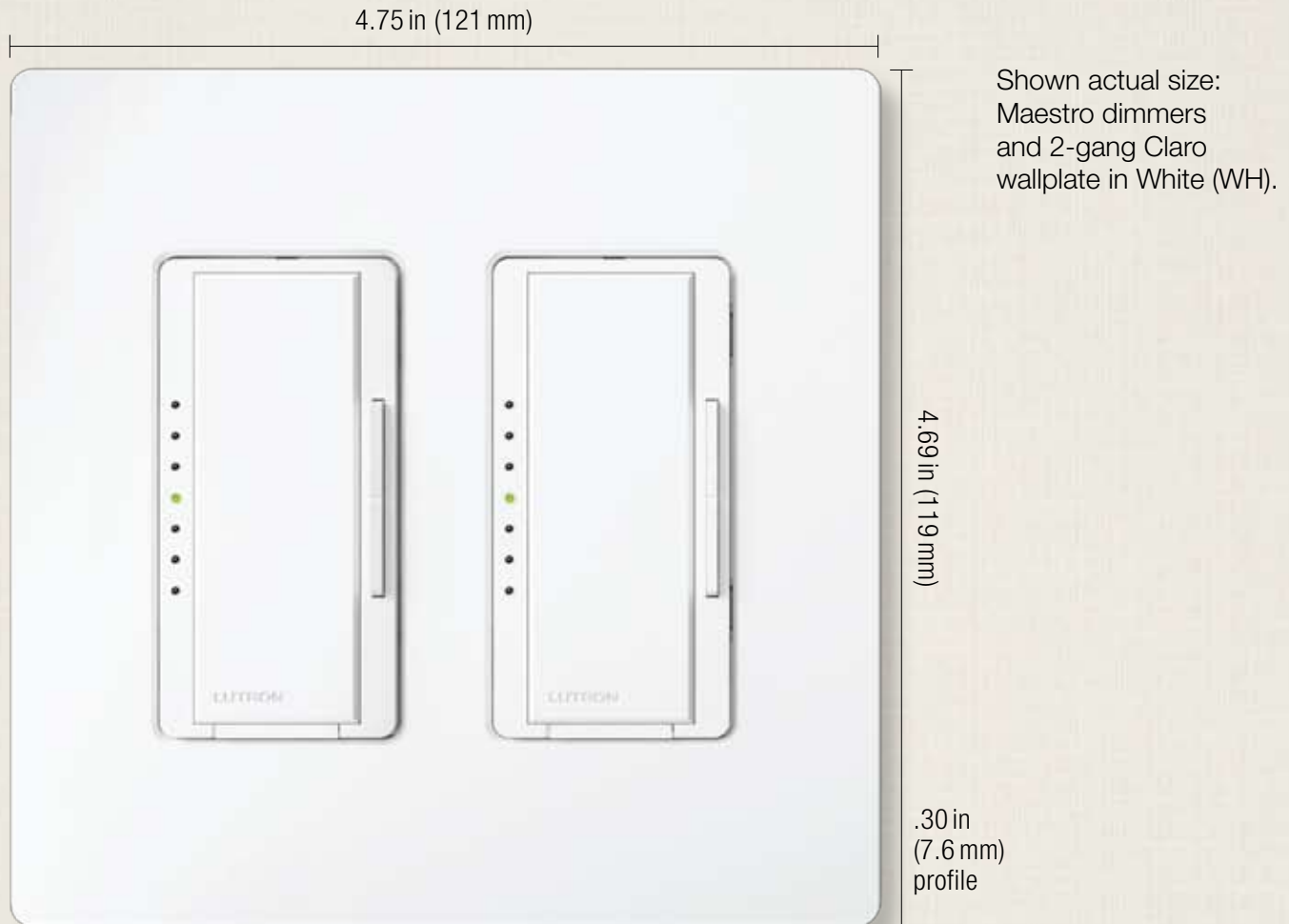


Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 163.



### Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark®, Skylark Contour™
- All Lutron® wallplates are screwless, seamless and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Full line of wiring devices in designer style opening
- Blank inserts available for Gloss colors (DV-BI-) and Satin colors (SC-BI-)
- Customize your designer wallplate with engraving, contact customer service to get started at 1.888.LUTRON1

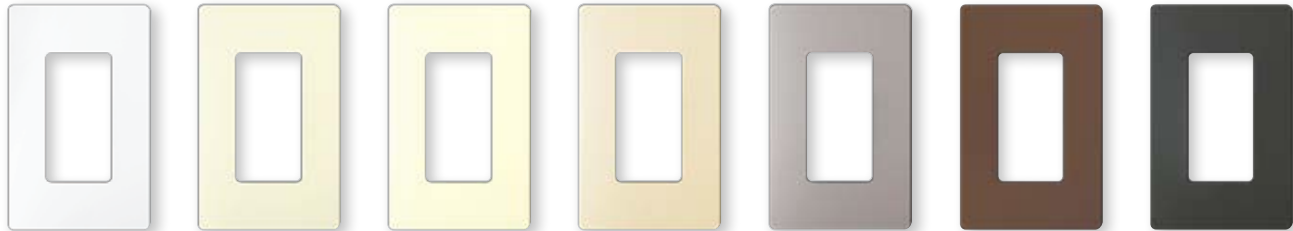
### Ganging and derating

- Designer wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging), see pg. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 172

**Available finishes**

Use **BOLD** color code in model number (Example: SC-1-**PL**)

Gloss finishes



**WH**  
White

**LA**  
Light Almond

**AL**  
Almond

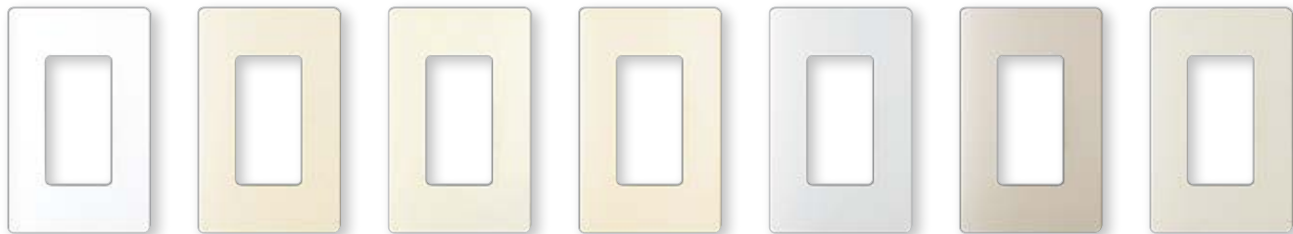
**IV**  
Ivory

**GR**  
Gray

**BR**  
Brown

**BL**  
Black

Satin finishes



**SW**  
Snow

**LS**  
Limestone

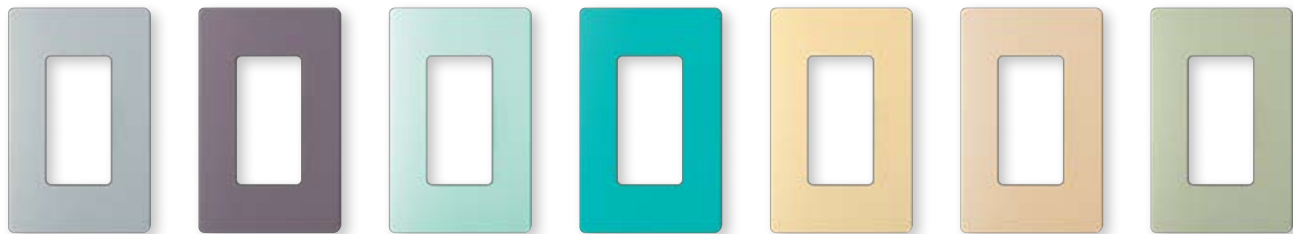
**BI**  
Biscuit

**ES**  
Eggshell

**PD**  
Palladium

**TP**  
Taupe

**ST**  
Stone



**BG**  
Bluestone

**PL**  
Plum

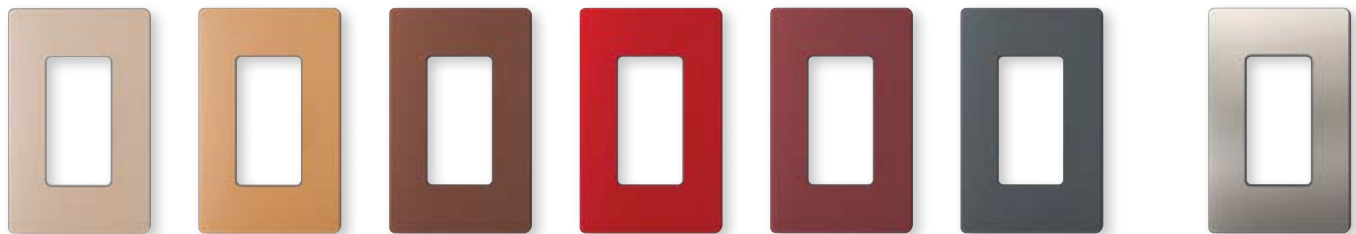
**SG**  
Sea Glass

**TQ**  
Turquoise

**GS**  
Goldstone

**DS**  
Desert Stone

**GB**  
Greenbriar



**MS**  
Mocha Stone

**TC**  
Terracotta

**SI**  
Sienna

**HT**  
Hot

**MR**  
Merlot

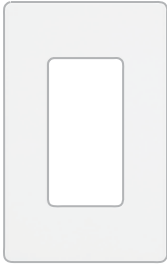
**MN**  
Midnight

**SS**  
Stainless Steel\*

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.



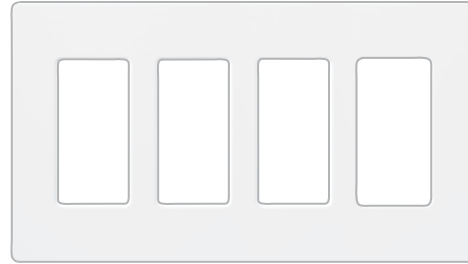
Wallplates for Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark® and Skylark Contour™



1-gang\*

CW-1-**CC**<sup>2</sup>  
SC-1-**CC**<sup>4</sup>

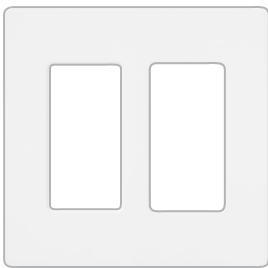
W: 2.94 in (75 mm); H: 4.69 in (119 mm)  
D: .30 in (7.6 mm)



4-gang\*

CW-4-**CC**<sup>2</sup>  
SC-4-**CC**<sup>4</sup>

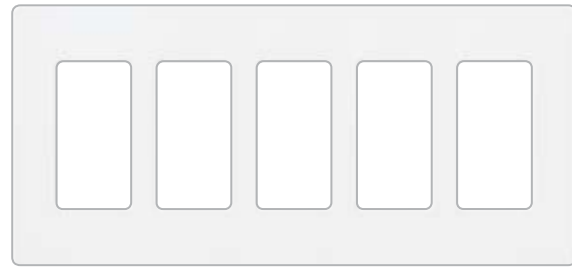
W: 8.37 in (213 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



2-gang\*

CW-2-**CC**<sup>2</sup>  
SC-2-**CC**<sup>4</sup>

W: 4.75 in (121 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



5-gang\*

CW-5-**CC**<sup>2</sup>  
SC-5-**CC**<sup>4</sup>

W: 10.18 in (259 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



3-gang\*

CW-3-**CC**<sup>2</sup>  
SC-3-**CC**<sup>4</sup>

W: 6.56 in (167 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox, see Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**CC**<sup>2</sup>: Gloss and Stainless Steel color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

Multi-gang dimmer installations may require derating, see pg. 170.

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.



6-gang\* CW-6-**CC**<sup>2</sup>  
SC-6-**CC**<sup>4</sup>

W: 12.00in (305mm); H: 4.69in (119mm);  
D: .30in (7.6mm)

**Cable jacks**



- F-style, 75-Ohm coaxial cable

Single cable jack\* CA-CJH-**CC**<sup>3</sup>  
SC-CJ-**CC**<sup>4</sup>

**Telephone jacks**



- 6-conductor telephone jack, RJ11

Single telephone jack\* CA-PJH-**CC**<sup>3</sup>  
SC-PJ-**CC**<sup>4</sup>

**Receptacles**



**Tamper resistant receptacles**

15A, 125V*	CARS-15-TR- <b>CC</b> <sup>3</sup>
	SCRS-15-TR- <b>CC</b> <sup>4</sup>
20A, 125V*	SCRS-20-TR- <b>CC</b> <sup>4</sup>

**Receptacles**

15A, 125V*	CAR-15H- <b>CC</b> <sup>3</sup>
	SCR-15- <b>CC</b> <sup>4</sup>
20A, 125V*	SCR-20- <b>CC</b> <sup>4</sup>

**GFCI Receptacles**



- Press test button to confirm LED indicator status
- Press reset button to reset GFCI after circuit interruption

**Tamper resistant GFCI receptacles**

15A, 125V*	GFCI	CAR-15-GFTR- <b>CC</b> <sup>3</sup>
		SCR-15-GFTR- <b>CC</b> <sup>4</sup>
20A, 125V*	GFCI	SCR-20-GFTR- <b>CC</b> <sup>4</sup>

**CC**<sup>2</sup>: Gloss and Stainless Steel color codes, see pg. 161

**CC**<sup>3</sup>: Gloss color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**Receptacles for dimming use**



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use

**Duplex for dimming use**

15 A	120/125V*	CAR-15-DFDU- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-DFDU- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-DFDU- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-DFDU- <b>CC</b> <sup>4</sup>

**Receptacles for dimming use**



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plugs for dimming use
- Bottom half is a general use receptacle and will fit standard duplex plugs

**Split duplex (half for dimming use)**

15 A	120/125V*	CAR-15-HFDU- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-HFDU- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-HFDU- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-HFDU- <b>CC</b> <sup>4</sup>

**Receptacles for dimming use**



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use
- 15 A model shown
- Tamper resistant shutter mechanism

**Dual dimming tamper resistant**

15 A	120/125V*	CAR-15-DDTR- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-DDTR- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-DDTR- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-DDTR- <b>CC</b> <sup>4</sup>

**Receptacles for dimming use**



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plugs for dimming use
- Bottom half is a general use receptacle and will fit standard duplex plugs
- 15 A model shown
- Tamper resistant shutter mechanism

**Half dimming tamper resistant**

15 A	120/125V*	CAR-15-HDTR- <b>CC</b> <sup>2</sup>
15 A	120/125V*	SCR-15-HDTR- <b>CC</b> <sup>4</sup>
20 A	120/125V*	CAR-20-HDTR- <b>CC</b> <sup>2</sup>
20 A	120/125V*	SCR-20-HDTR- <b>CC</b> <sup>4</sup>

**CC**<sup>2</sup>: Gloss color code and Stainless Steel, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**Replacement plug for dimming  
(use with receptacles on left)**



- This plug required for use with Lutron® receptacles for dimming use—plug will work in standard receptacle
- Easily replaces the existing plugs on lamps

120/125V White	RP-FDU-10-WH
120/125V Brown	RP-FDU-10-BR

UL/CSA/NOM regulatory approvals.

**Important notes**

- If the hot and dimmed hot feeds to the split duplex HFDDU are supplied from different circuits or split-wired with separate switch-legs, a means to simultaneously disconnect these circuits must be provided at the panel board where they originate (NEC 210.7(C) 2002 Edition). A 2-pole circuit breaker or two single-pole circuit breakers with an approved handle tie can be used to accomplish this simultaneous disconnect. Feed-through dimming panels, which are those without breakers, are recommended when using the HFDDU.
- Receptacles and plugs for dimming use are UL listed for use with all Lutron® wallbox dimmers included in this catalog.
- If there is only one electrical feed to the receptacle, then the duplex DFDDU must be used.
- For detailed information, see Application Notes #91 (Guide to Dimming Table Lamps) and #109 (Guide to Dimming Portable Lamps via Receptacles) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**CC**<sup>2</sup>: Gloss color code and Stainless Steel, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**Field customizable 6-port frame**




- Shipped with six blanks in matching colors
- Connectors and wallplate sold separately
- Connectors snap in (no tools required)
- Connectors available in White (WH), unless noted





6-port frame*	CA-6PF- <b>CC</b> <sup>3</sup> SC-6PF- <b>CC</b> <sup>4</sup>
---------------	--

**Connectors for 6-port frame**

**Telephone/network jacks**

 8-conductor, RJ45 category 3	CON-1P-C3- <b>EE</b> <sup>4</sup>
8-conductor, RJ45 category 5e	CON-1P-C5E- <b>EE</b> <sup>4</sup>
8-conductor, RJ45 category 6	CON-1P-C6- <b>EE</b> <sup>4</sup>


**Fiber jacks**

 MT-RJ feed through	CON-1F-MTRJ-WH
 SC simplex	CON-1F-SC-WH
 LC non-flush mount	CON-1F-LG-WH
 ST style	CON-1F-ST-WH

**Cable jack**

 F-style, 75-Ohm coaxial cable	CON-1C- <b>EE</b> <sup>4</sup>
---	--------------------------------

**BNC jack**

 BNC connector, 50-Ohm	CON-1B-WH
---	-----------

Connectors only for use with 6-port frame.

**Switches**



- Paddle turns on/off
- Use with any 15A load
- General purpose switching of all sources and motor loads
- No derating if ganged

**General purpose switches (120/277 V)**

Single-pole	15A*	CA-1PSH- <b>CC</b> <sup>3</sup> SC-1PS- <b>CC</b> <sup>4</sup>
3-way	15A*	CA-3PSH- <b>CC</b> <sup>3</sup> SC-3PS- <b>CC</b> <sup>4</sup>
4-way	15A*	CA-4PSH- <b>CC</b> <sup>3</sup> SC-4PS- <b>CC</b> <sup>4</sup>

**General purpose switch with locator light (120V only)**

Single-pole	15A*	CA-1PSNL- <b>EE</b> <sup>2</sup> SC-1PSNL- <b>EE</b> <sup>10</sup>
3-way	15A*	CA-3PSNL- <b>EE</b> <sup>2</sup> SC-3PSNL- <b>EE</b> <sup>10</sup>
4-way	15A*	CA-4PSNL- <b>EE</b> <sup>2</sup> SC-4PSNL- <b>EE</b> <sup>10</sup>

**CC**<sup>3</sup>: Gloss color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

**EE**<sup>2</sup>: Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH)

**EE**<sup>4</sup>: Only available in White (WH) and Black (BL)

**EE**<sup>10</sup>: Available in Biscuit (BI), Eggshell (ES), Goldstone (GS), Limestone (LS), Sea Glass (SG) and Snow (SW)

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

## How to understand ganging and derating

### Standard ganging

Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate.

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, pgs. 172–173

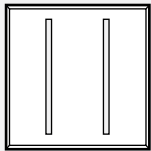
### Custom ganging for Architectural style controls

For Architectural style dimmers and switches, it is possible to retain the maximum capacity of dimmers in multi-gang applications 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](http://www.lutron.com/customganging) for additional information

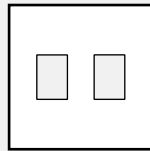
## Standard ganging for dimmers, switches and accessories

### New Architectural



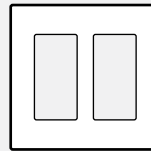
pg. 148

### Architectural



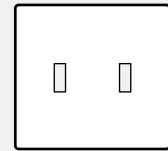
pg. 152

### Designer

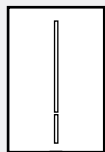


pg. 160

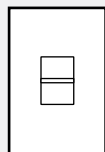
### Traditional



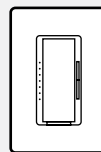
pg. 166



Vierti®



Vareo®  
Nova T☆®



Maestro®  
Maestro IR®  
Maestro Wireless®  
Spacer System®  
Diva®  
Lyneo® Lx  
Skylark®  
Skylark Contour™



Abella®  
Ceana®  
Ariadni®  
Glyder®  
Rotary

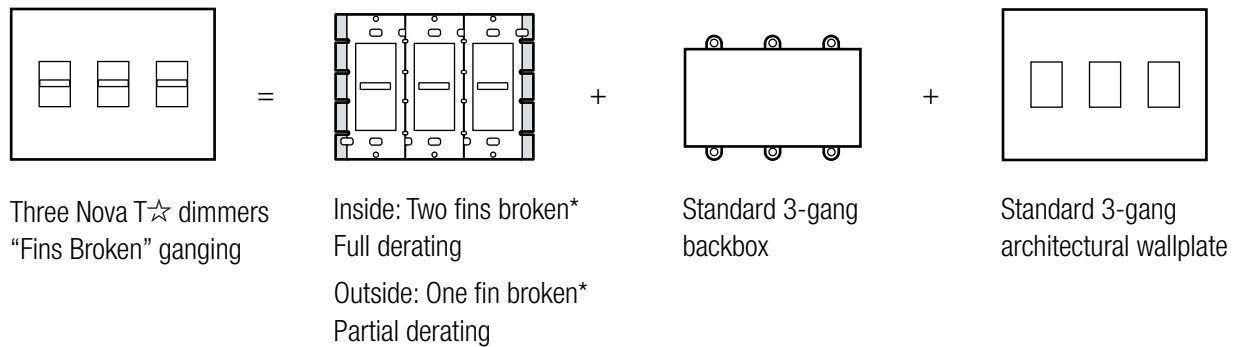
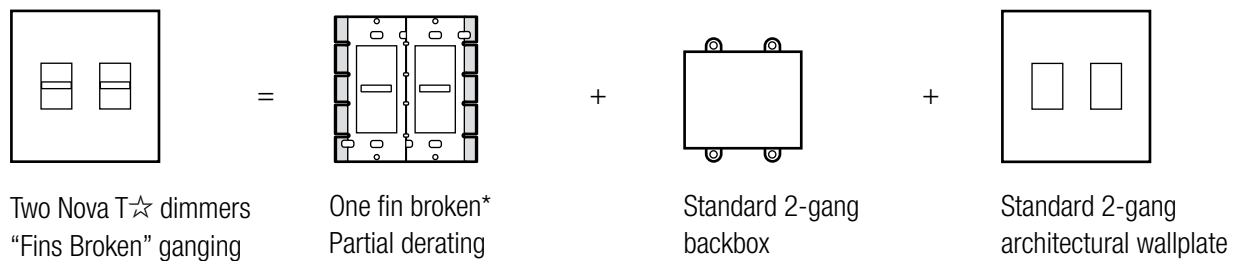
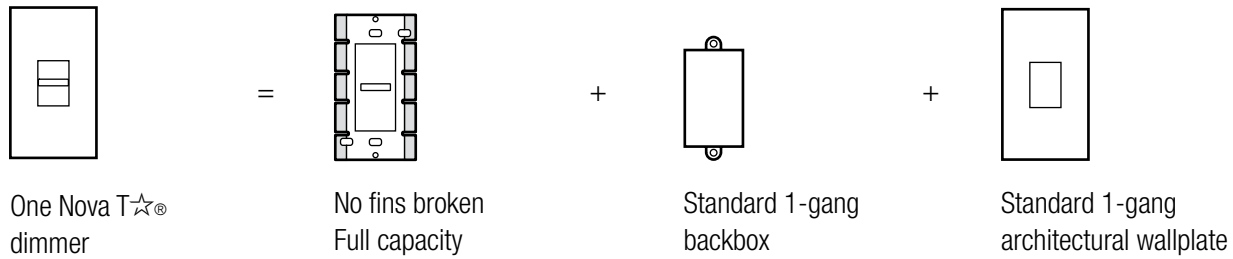
Derating Table 1  
pg. 172

Derating Table 2  
pg. 173

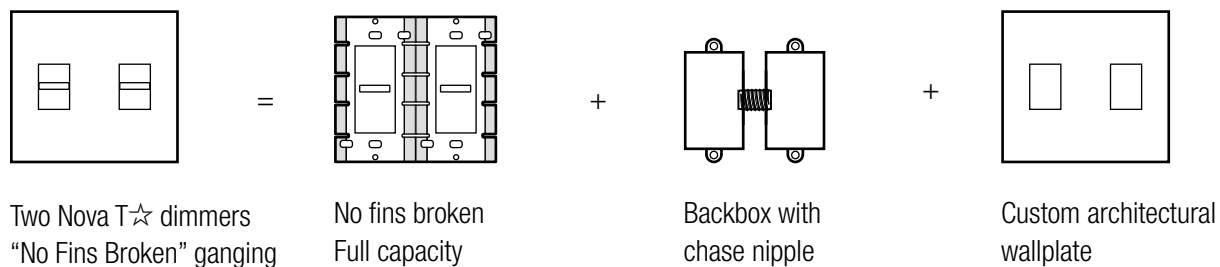
Derating Table 1  
pg. 172

Derating Table 1  
pg. 172

**Standard ganging and fins broken derating examples:**



**Custom Architectural ganging example:**



For further information on ganging and derating, visit [www.lutron.com/multigang](http://www.lutron.com/multigang).  
 \*The fins are scored and designed to be removed easily.

**Derating Table 1**

**New Architectural** | Verti®

**Designer** | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®

**Traditional** | Abella®, Ceano®, Ariadni®, Glyder®, Rotary



**No fins broken**



**1 fin broken**



**2 fins broken**

	No fins broken	1 fin broken	2 fins broken
<b>Incandescent</b>			
Dimmers	600W	500W	400W
	1000W	800W	650W
Dual dimmers	300W	250W	200W
	300W	250W	200W
<b>Magnetic low-voltage</b>			
Dimmers	600VA/450W	500VA/400W	400VA/300W
	1000VA/800W	800VA/650W	650VA/500W
<b>Electronic low-voltage</b>			
Dimmers	300W	250W	200W
	500W	450W	400W
	600W	500W	400W
<b>Fluorescent</b>			
<b>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</b>			
Verti	60 ballasts/6A	50 ballasts/5A	35 ballasts/3.5A
Maestro/Spacer System	20 ballasts/6A	20 ballasts/5A	20 ballasts/3.5A
Diva, Skylark, Lyneo Lx and Ariadni	no derating	no derating	no derating
Tu-Wire®: Spacer System, Diva, Skylark	5A	4A	3.3A
<b>Fan controls</b>			
Quiet 7-speed	1.0A/300W	1.0A/300W	1.0A/300W
Quiet 3-speed	1.5A	1.5A	1.5A
Fully variable	5A	4A	3A
<b>Fan/light controls</b>			
Quiet 7-speed	1.0A/300W	1.0A/300W	1.0A/300W
Quiet 3-speed	1.5A/300W	1.5A/300W	1.5A/300W
	1.5A/360W	1.5A/360W	1.5A/360W
Fully variable	2.5A/300W	2.1A/250W	1.7A/200W
<b>Electronic switches</b>			
Verti	6A/3A	5A/3A	3.5A/3A
Maestro (light/fan)	8A/3A	6.5A/3A	5A/3A
Abella (light/fan)	6A/3A	5A/3A	3.5A/3A



**Derating Table 2**

**Architectural** | Vareo®, Nova T☆®



**No fins broken**



**1 fin broken**



**2 fins broken**

	No fins broken	1 fin broken	2 fins broken
<b>Incandescent</b>			
Dimmers	600W	500W	300W
	1000W	900W	700W
	1500W	1250W	1000W
	1950W	–	–
<b>Magnetic low-voltage</b>			
Dimmers	600 VA/450 W	500 VA/400 W	300 VA/250 W
	1000 VA/800 W	900 VA/750 W	700 VA/500 W
	1500 VA/1200 W	1250 VA/1000 W	1000 VA/800 W
<b>Electronic low-voltage</b>			
Dimmers	300W	300W	250W
	600W	500W	400W
<b>Fluorescent</b>			
<b>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</b>			
Vareo	20 ballasts /8 A	20 ballasts /6 A	20 ballasts /4.5 A
Nova T☆	6 A	no derating	no derating
	8 A	no derating	no derating
	16 A	no derating	no derating
0-10VDC control <sup>1</sup>	30mA ballasts	no derating	no derating
Tu-Wire®	5 A	4 A	3.3 A
<b>Fan controls</b>			
Quiet 3-speed	1.5 A	no derating	no derating
Fully variable	6 A	4.2 A	2.5 A
Fully variable	12 A	10 A	8.3 A
<b>Electronic tapswitches<sup>2</sup></b>			
VETS-1000-	1000W	800W	650W
VETS-1000-SL-	1000W	900W	700W
VETN-1000-	1000 VA	700 VA	550 VA

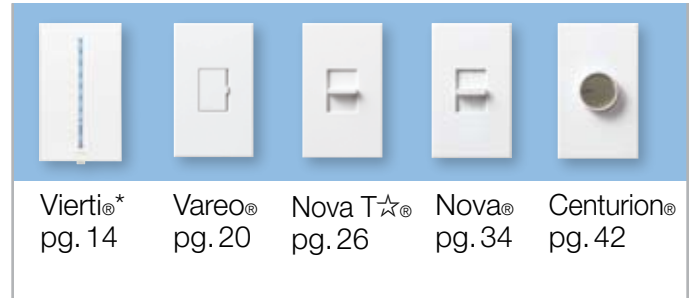
For further information on ganging Nova®, visit [www.lutron.com/customganging](http://www.lutron.com/customganging).

<sup>1</sup>PowerPack required for line voltage switching.

<sup>2</sup>VETS-R-Auxiliary electronic tapswitches do not require derating.

## Dimmer capabilities and interface requirements

- M** Multi-location—true dimming from each location
- E** eco-model available
- Compatible dimmer (no interface)
- WBX** **TVI** **3F** **PA** Requires interface, see notes below



Dimmers	capacity†	M				
<b>Incandescent/halogen</b> 120V	600W				<b>M</b>	
	1000W				<b>M</b>	
	1500W			<b>WBX</b>		
	2000W			<b>WBX</b>		
<b>Magnetic low-voltage</b> 120V	600VA (450W)					
	1000VA (800W)					
	1500VA (1200W)			<b>WBX</b>		
	2000VA (1600W)			<b>WBX</b>	<b>WBX</b>	
<b>Magnetic low-voltage</b> 277V	600VA (450W)			<b>WBX</b>		<b>WBX</b>
	1000VA (800W)			<b>WBX</b>		<b>WBX</b>
<b>Electronic low-voltage</b> 120V	300W			<b>WBX</b>		
	450W			<b>WBX</b>	<b>WBX</b>	
	600W			<b>WBX</b>		<b>WBX</b>
<b>Electronic low-voltage</b> 277V	16A			<b>WBX</b>	<b>WBX</b>	<b>WBX</b>
<b>Neon/cold cathode</b>				<b>WBX</b>	<b>WBX</b>	
<b>3-wire ballasts and Hi-lume® LED driver</b> 120V	6A					
	Hi-lume, Hi-lume Compact SE,	8A				
	Eco-10® and EcoSystem® ballasts	16A			<b>3F</b>	
<b>3-wire ballasts and Hi-lume LED driver</b> 277V	6A			<b>3F</b>		
	Hi-lume, Hi-lume Compact SE,	8A			<b>3F</b>	
	Eco-10 and EcoSystem ballasts	16A			<b>3F</b>	<b>3F</b>
					<b>3F</b>	<b>3F</b>
<b>Tu-Wire®</b> ballasts 120V	5A			<b>PA</b>		
<b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A	<b>TVI</b>	<b>TVI</b>			

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH)

**TVI:** 0-10V Interface (GRX-TVI)

**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)

**See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.**

\*Consult Lutron Technical Support for information on interfaces with Vierti.

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).

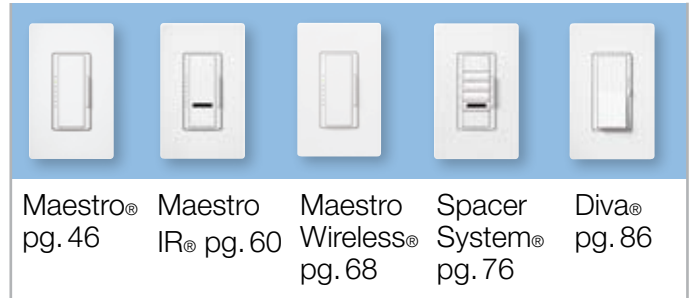
## Dimmer capabilities and interface requirements











**M** Multi-location—true dimming from each location

**E** eco-model available

 Compatible dimmer (no interface)

**WBX** **TVI** **3F** **PA** Requires interface, see notes below



Dimmers	capacity†	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>		
 <b>Incandescent/halogen</b> 120V	600W	<b>E</b>				<b>E</b>	
	1000W						
	1500W	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
	2000W	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Magnetic low-voltage</b> 120V	600VA (450W)						
	1000VA (800W)						
	1500VA (1200W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
	2000VA (1600W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Magnetic low-voltage</b> 277V	600VA (450W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
	1000VA (800W)	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Electronic low-voltage</b> 120V	300W			<b>WBX</b>			
	450W			<b>WBX</b>		<b>WBX</b>	
	600W			<b>WBX</b>		<b>WBX</b>	
 <b>Electronic low-voltage</b> 277V	16A	<b>WBX</b>		<b>WBX</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Neon/cold cathode</b>				<b>WBX</b>		<b>WBX</b>	
 <b>3-wire ballasts and Hi-lume® LED driver</b> 120V	6A						
	Hi-lume, Hi-lume Compact SE, Eco-10® and EcoSystem® ballasts	8A	<b>3F</b>		<b>3F</b>	<b>3F</b>	
		16A	<b>3F</b>		<b>3F</b>	<b>3F</b>	<b>3F</b>
 <b>3-wire ballasts and Hi-lume LED driver</b> 277V	6A						
	Hi-lume, Hi-lume Compact SE, Eco-10 and EcoSystem ballasts	8A	<b>3F</b>		<b>3F</b>	<b>3F</b>	<b>3F</b>
		16A	<b>3F</b>		<b>3F</b>	<b>3F</b>	<b>3F</b>
 <b>Tu-Wire®</b> ballasts 120V	5A	<b>PA</b>		<b>PA</b>			
 <b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A	<b>TVI</b>		<b>TVI</b>	<b>TVI</b>	<b>TVI</b>	

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH)

**TVI:** 0-10V Interface (GRX-TVI)

**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)

See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).















## Dimmer capabilities and interface requirements

**M** Multi-location—true dimming from each location

**E** eco-model available

 Compatible dimmer (no interface)

**WBX** **TVI** **3F** **PA** Requires interface, see notes below

					
		Lyneo® Lx pg. 94	Skylark Contour™ pg. 100	Skylark® pg. 104	Abella® pg. 114
Dimmers	capacity†				<b>M</b>
 <b>Incandescent/halogen</b> 120V	600W		<b>E</b>	<b>E</b>	
	1000W				
	1500W	<b>WBX</b>		<b>WBX</b>	
	2000W	<b>WBX</b>		<b>WBX</b>	
 <b>Magnetic low-voltage</b> 120V	600 VA (450W)				
	1000 VA (800W)			<b>WBX</b>	
	1500 VA (1200W)	<b>WBX</b>		<b>WBX</b>	
	2000 VA (1600W)	<b>WBX</b>		<b>WBX</b>	
 <b>Magnetic low-voltage</b> 277V	600 VA (450W)	<b>WBX</b>		<b>WBX</b>	
	1000 VA (800W)	<b>WBX</b>		<b>WBX</b>	
 <b>Electronic low-voltage</b> 120V	300W				
	450W			<b>WBX</b>	
	600W			<b>WBX</b>	
 <b>Electronic low-voltage</b> 277V	16A	<b>WBX</b>		<b>WBX</b>	
 <b>Neon/cold cathode</b>		<b>WBX</b>		<b>WBX</b>	
 <b>3-wire ballasts and Hi-lume® LED driver</b> 120V	6A				
	Hi-lume, Hi-lume Compact SE, Eco-10® and EcoSystem® ballasts	8A			
		16A	<b>3F</b>		<b>3F</b>
 <b>3-wire ballasts and Hi-lume LED driver</b> 277V	6A				
	Hi-lume, Hi-lume Compact SE, Eco-10 and EcoSystem ballasts	8A	<b>3F</b>		<b>3F</b>
		16A	<b>3F</b>		<b>3F</b>
 <b>Tu-Wire® ballasts</b> 120V	5A	<b>PA</b>			
 <b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A	<b>TVI</b>		<b>TVI</b>	

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH)

See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.

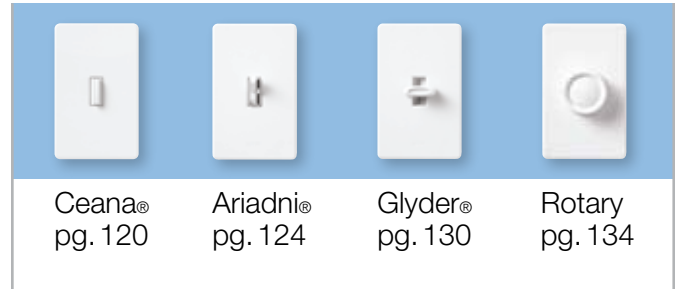
**TVI:** 0-10V Interface (GRX-TVI)











**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).

## Dimmer capabilities and interface requirements

- M** Multi-location—true dimming from each location
- E** eco-model available
- Compatible dimmer (no interface)
- WBX** **TVI** **3F** **PA** Requires interface, see notes below



Dimmers	capacity†				
 <b>Incandescent/halogen</b> 120V	600W		<b>E</b>		<b>E</b>
	1000W				
	1500W		<b>WBX</b>		
	2000W		<b>WBX</b>		
 <b>Magnetic low-voltage</b> 120V	600 VA (450W)				
	1000 VA (800W)				
	1500 VA (1200W)		<b>WBX</b>		
	2000 VA (1600W)		<b>WBX</b>		
 <b>Magnetic low-voltage</b> 277V	600 VA (450W)		<b>WBX</b>		
	1000 VA (800W)		<b>WBX</b>		
 <b>Electronic low-voltage</b> 120V	300W		<b>WBX</b>		
	450W		<b>WBX</b>		
	600W		<b>WBX</b>		
 <b>Electronic low-voltage</b> 277V	16A		<b>WBX</b>		
 <b>Neon/cold cathode</b>			<b>WBX</b>		
 <b>3-wire ballasts and Hi-lume® LED driver</b> 120V 6A	Hi-lume, Hi-lume Compact SE,	8A			
	Eco-10® and EcoSystem® ballasts	16A		<b>3F</b>	
 <b>3-wire ballasts and Hi-lume LED driver</b> 277V 6A	Hi-lume, Hi-lume Compact SE,	8A		<b>3F</b>	
	Eco-10 and EcoSystem ballasts	16A		<b>3F</b>	
 <b>Tu-Wire®</b> ballasts 120V	5A		<b>PA</b>		
 <b>0-10VDC</b> (ballasts or LED Drivers) 120/277V	16A		<b>TVI</b>		

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH)




**See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.**

**TVI:** 0-10V Interface (GRX-TVI)

**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH)

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).



**Dimmer models/load interface compatibility**

	Incandescent, magnetic and electronic low-voltage (120/277 V)		3-wire Fluorescent ballasts or Hi-lume® LED drivers (120/277 V)		0-10VDC Ballasts or LED drivers (120/277 V)	
	<b>WBX</b> 		<b>3F</b> 		<b>TVI</b> 	
	Wallbox Phase Adaptive Power Module* PHPM-WBX-DV-WH		Fluorescent Power Module* PHPM-3F-DV-WH		0-10V Interface GRX-TV1	
<b>Dimmer Family</b>	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location
Abella®	–	–	–	–	–	–
Ariadni®	–	AYF-103P-	–	AYF-103P-	–	AYF-103P-
Ceana®	–	–	–	–	–	–
Diva® Gloss	–	DVF-103P-	–	DVF-103P-	–	DVF-103P-
Diva Satin Colors®	–	DVSCF-103P-	–	DVSCF-103P-	–	DVSCF-103P-
Glyder®	–	–	–	–	–	–
Lyneo® Lx	–	LXF-103PL-	–	LXF-103PL-	–	LXF-103PL-
Maestro® Gloss	–	MAF-6AM-	–	MAF-6AM-	–	MAF-6AM-
Maestro® Satin Colors®	–	MSCF-6AM-	–	MSCF-6AM-	–	MSCF-6AM-
Maestro Wireless®	–	MRF2-F6AN-DV-	–	MRF2-F6AN-DV-	–	MRF2-F6AN-DV-
Nova®	NF-10-	NF-103P-	NF-10-	NF-103P-	NF-10-	NF-103P-
Nova T☆®	NTF-10-	NTF-103P-	NTF-10-	NTF-103P-	NTF-10-	NTF-103P-
Skylark®	SF-10P-	SF-103P-	SF-10P-	SF-103P-	SF-10P-	SF-103P-
Spacer System®	–	SPSF-6AM-	–	SPSF-6AM-	SPSF-S6A-	SPSF-6AM-
Vareo®	–	VF-10-	–	VF-10-	–	VF-10-
Vierti®	contact Lutron		contact Lutron		–	VTF-6AM-

**Use only dimmer model numbers listed.**

\*Dual 120/277 V model given, 120V only versions are also available. Please see Technical notes, pg. 179.

## Dimmer models/load interface compatibility

Dimmer Family	Tu-Wire® Fluorescent Ballasts (120V)		Switched Lighting (120/277V)	
	PA		SW	
	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location
Abella®	–	–	–	AB-S6AM-
Ariadni®	–	AYF-103P-	–	–
Ceana®	–	–	–	–
Diva® Gloss	–	DVF-103P-	–	–
Diva Satin Colors®	–	DVSCF-103P-	–	–
Glyder®	–	–	–	–
Lyneo® Lx	–	LXF-103PL-	LX-1PSL-	LX-3PSL-
Maestro® Gloss	–	MAF-6AM-	–	MA-S8AM-
Maestro® Satin Colors®	–	MSCF-6AM-	–	MSC-S8AM-
Maestro Wireless®	–	MRF2-F6AN-DV-	–	MRF2-6ANS-
Nova®	NF-10-	NF-103P-	–	–
Nova T☆®	NTF-10-	NTF-103P-	–	–
Skylark®	SF-10P-	SF-103P-	–	–
Spacer System®	SPSF-S6A-	SPSF-6AM-	SPSF-S6A-	SPSF-S6AM-
Vareo®	–	VF-10-	–	VETN-1000-
Vierti®	contact Lutron		contact Lutron	

### Technical notes

- Lighting load interfaces must be matched to load type and voltage
- All load interfaces for dimmed load are controlled by a 120V 3-wire fluorescent dimmer
- Power feed to dimmer may differ from lighting load/interface voltage
- Interfaces typically require additional power feeds
- For wiring information, consult wiring diagrams, see pgs. 193-195
- For assistance and additional solutions, consult Lutron Technical Support at 1.800.523.9466 (24 hours/7 days)

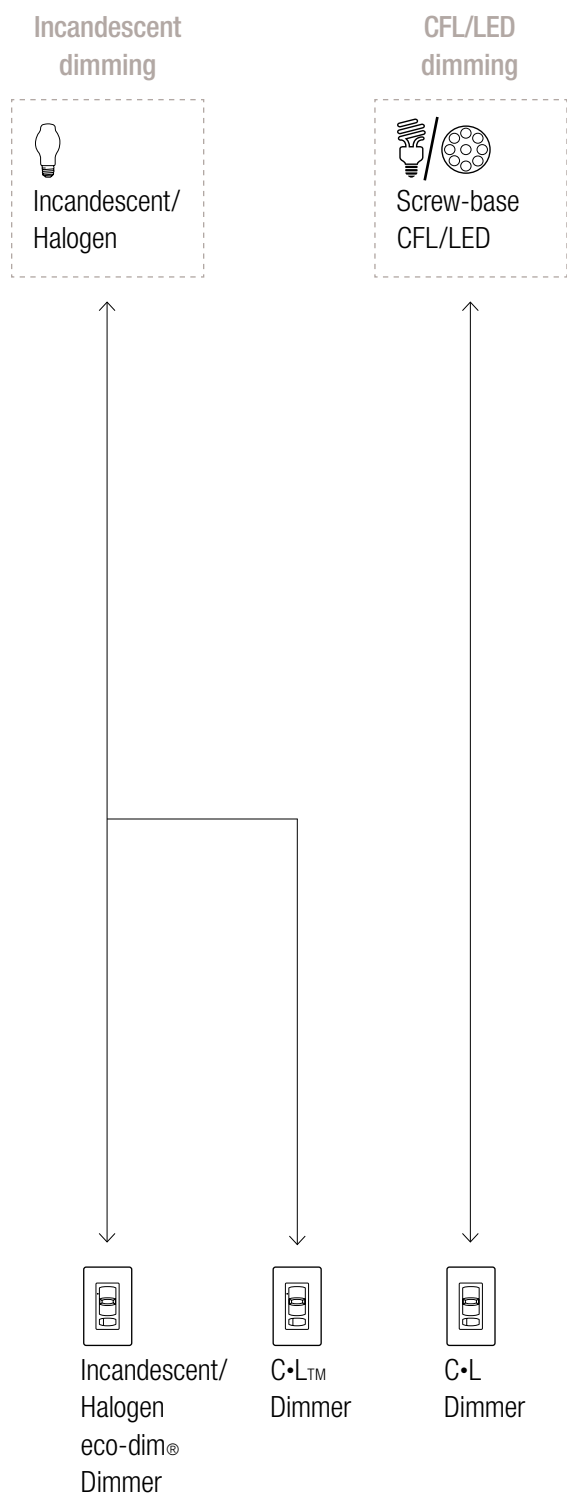
### Interface mounting

- PHPM interfaces mount to 2-gang electrical backbox (W: 6.30 in x H: 5.10 in)
- GRX-TVI enclosure is surface mount only (W: 6.10 in x H: 12.50 in x D: 3.30 in)

#### Use only dimmer model numbers listed.

\*Dual 120/277V model given, 120V only versions are also available. Please see Technical notes, pg. 179.

# Skylark Contour™



**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.