

### Product family features

- True multi-location dimming from every location
- Use the IR (infrared) remote control to adjust lights from anywhere in the room—up to 30 ft line-of-sight
- Tap on to favorite level; tap off; tap twice for full on
- Touch rocker to adjust light level
- LEDs indicate light level and glow softly in the dark as a locator light
- Delayed off provides light as you exit the room
- Line frequency compensation maintains stable light levels, despite power line frequency and voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Programming allows customized functions
- All models fit in 1-gang electrical backbox
- Coordinating Claro®, Satin Colors® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

### Control types

-  Single-pole (one location)
-  Multi-location dimming (up to ten locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Ceiling fan controls
-  Ceiling fan/light controls

Lighting load interfaces are not compatible with this family.

Shown actual size: Maestro IR dimmer and a 1-gang Claro wallplate in White (WH) with IR transmitter in White (WH).

Shown actual size: IR transmitter in White (WH),  
W: 1.5 in (38.1 mm) x H: 4.625 in (117.5 mm) x  
D: .55 in (14 mm).

**Available finishes**

Use **BOLD** color code in model number (Example: MIR-600-**LS**)

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

\*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) or Midnight (MN) controls.

## Dimmers, fan and fan/light controls

### Remote control digital fade dimmers



- Tap on to favorite level; tap off
- Touch rocker to adjust light level
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Provides true dimming from each location (with companion dimmers)

### Digital fan only controls (with IR remote)



- Multi-location, fan only
- Controls up to four fans
- One canopy module included, order one canopy module (CM-FQ1) for each additional fan controlled
- 7-quiet fan speeds, plus off
- Designed to prevent motor hum

### Fan/light controls



#### Dimmer (top)

- Tap on to favorite light level; tap off
- Tap twice for full on
- Touch rocker to adjust light level

#### Fan control (bottom)

- Tap on to favorite fan speed; tap off
- Touch rocker to adjust light level or fan speed
- 7-quiet fan speeds, plus off provide enhanced comfort
- Designed to prevent motor hum

## Companion dimmers, fan and fan/light controls

### Companion dimmers



- For true multi-location dimming from every location, use up to nine companion dimmers with one Maestro IR multi-location dimmer

### Companion fan controls



- For use with multi-location control, use up to two companion fan controls with one Maestro IR digital fan control

### Companion fan/light controls



- For true multi-location dimming, use up to two companion controls with one Maestro IR multi-location fan/light control

## Companion devices

### IR remote control



- Press and hold top silver button to save your favorite light setting; press silver button to recall favorite light setting
- Works with most learning remote controls
- IR frequency is 40 kHz
- IR controls must be within 30 ft line-of-sight to IR receiver
- Touch rocker to adjust light level
- Batteries included

### IR remote control for fan/light



- Press and hold top silver button to save your favorite light setting; press silver button to recall favorite light setting
- Press and hold bottom silver button to save your favorite fan setting; press silver button to recall favorite fan setting
- IR controls must be within 30 ft line-of-sight to IR receiver
- Touch rocker to adjust light level or fan speed
- Batteries included

### Fan only IR remote control



- Press and hold silver button to save fan setting
- Press silver button to recall favorite fan setting
- IR controls must be within 30 ft line-of-sight to IR receiver
- Touch rocker to adjust fan speed
- Batteries included

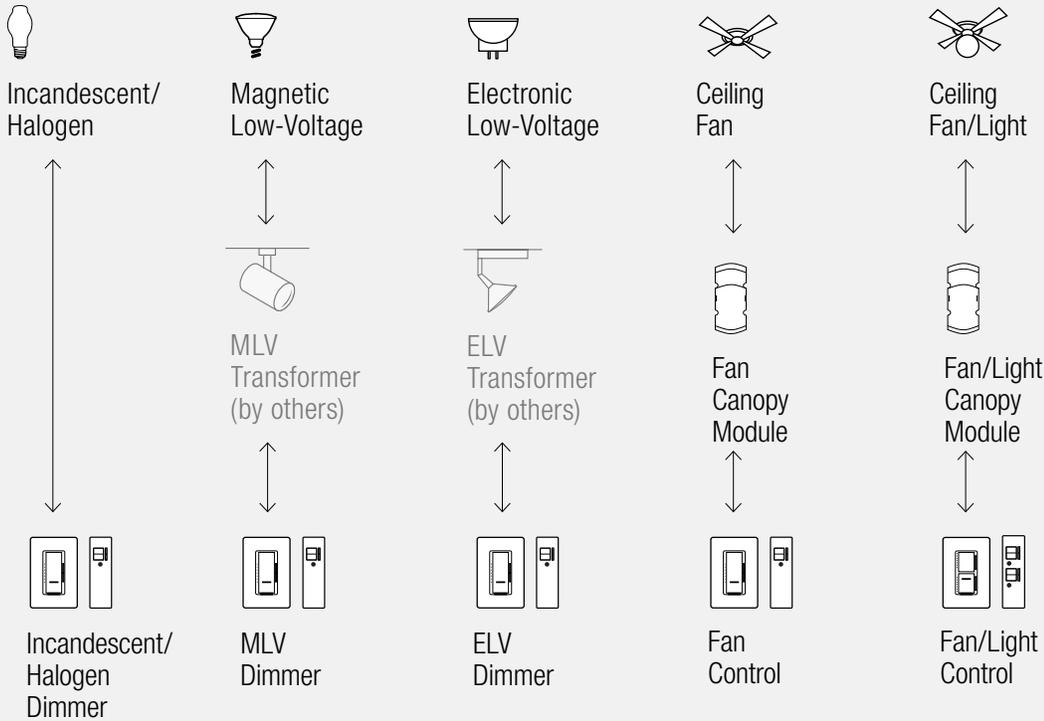
### Canopy module (fan-mounted)



- For use only in multi-fan applications with MIR-FQ4FMT or MIR-FQ4FM-
- Order one canopy module for each additional fan controlled

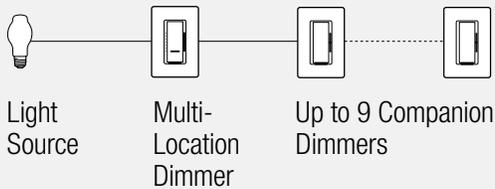
**Connections overview**

**Load connections\***

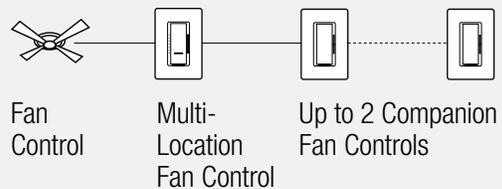


**Control types (for 2 or more locations)**

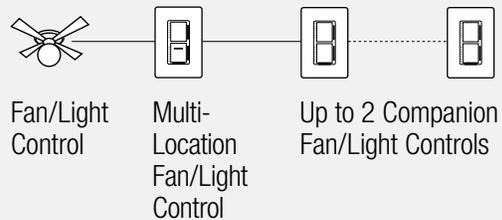
**Dim from multiple-locations (up to 10)**



**Fan control from up to 3 locations**



**Fan/light control from up to 3 locations**



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

**Dimmer model numbers**

 **Incandescent/halogen dimmers\*\***

**Remote control digital fade dimmers**

Single-pole 120V 600W	MIR-600- <b>CC</b> <sup>1</sup>
Single-pole 120V 1000W	MIR-1000- <b>CC</b> <sup>1</sup>
Multi-location 120V 600W	MIR-600M- <b>CC</b> <sup>1</sup>
Multi-location 120V 1000W	MIR-1000M- <b>CC</b> <sup>1</sup>

**Dimmers with IR remote controls**

Single-pole 120V 600W	MIR-600T- <b>CC</b> <sup>1</sup>
Single-pole 120V 1000W	MIR-1000T- <b>CC</b> <sup>1</sup>
Multi-location 120V 600W	MIR-600MT- <b>CC</b> <sup>1</sup>
Multi-location 120V 1000W	MIR-1000MT- <b>CC</b> <sup>1</sup>

Wallplate sold separately.

**Dimmer, IR remote control and wallplate**

Single-pole 120V 600W	MIR-600THW- <b>CC</b> <sup>3</sup>
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**Multi-location dimmer, IR remote control, companion dimmer and wallplates**

Multi-location 120V 600W	MIR-603THW- <b>CC</b> <sup>3</sup>
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 **Magnetic low-voltage dimmers\*\***

**Remote control digital fade dimmers**

Single-pole 120V 600VA (450W)	MIRLV-600- <b>CC</b> <sup>1</sup>
Single-pole 120V 1000VA (800W)	MIRLV-1000- <b>CC</b> <sup>1</sup>
Multi-location 120V 600VA (450W)	MIRLV-600M- <b>CC</b> <sup>1</sup>
Multi-location 120V 1000VA (800W)	MIRLV-1000M- <b>CC</b> <sup>1</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\***

**Remote control digital fade dimmers**

Single-pole 120V 600W	MIRELV-600- <b>CC</b> <sup>1</sup>
Multi-location 120V 600W	MIRELV-600M- <b>CC</b> <sup>1</sup>

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

**CC**<sup>1</sup>: Gloss and Satin color codes, see pg. 61  
**CC**<sup>3</sup>: Gloss color codes, see pg. 61  
 (Wallplates not included with above, order separately, see pg. 160)

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

**\*Requires neutral wire connection.**

**\*\*Minimum load is 60 W/VA.**

**Fan and fan/light control model numbers**

 **Fan controls**

**Digital fan control—quiet 7-speed**

Multi-location/single-pole      MIR-FQ4FM-**CC**<sup>1</sup>  
120V up to 4 canopy modules (1 A each)

Multi-location/single-pole      MIR-FQ4FMT-**CC**<sup>1</sup>  
fan package  
120V up to 4 canopy modules (1 A each)

All above include one wall-mounted fan control and one fan-mounted canopy module. Wallplates sold separately.

MIR-FQ4FMT- model includes IR remote control.

No derating required if ganged.

Models may be used with up to two companion fan/light controls (MA-ALFQ35-).

 **Fan/light controls**

**Fan/light control—quiet 7-speed**

Single-pole      MIR-LFQTHW-**CC**<sup>1</sup>  
120V 300W light (top)  
1 canopy module for up to 1 A fan (bottom)

Multi-location      MIR-LFQMT-**CC**<sup>1</sup>  
120V 300W light (top)  
1 canopy module for up to 1 A fan (bottom)

All above include one wall-mounted fan/light control, one fan-mounted canopy module and one IR remote control.

Wallplates sold separately.

No derating required if ganged.

MIR-LFQTHW- model includes wallplate.

Multi-location model may be used with up to two companion fan/light controls (MA-ALFQ35-).

**Canopy module (fan mounted)**

Canopy module      CM-FQ1  
120V 1 A

**CC**<sup>1</sup>: Gloss and Satin color codes, see pg. 61

**CC**<sup>3</sup>: Gloss color codes, see pg. 61

**CC**<sup>4</sup>: Satin color codes, see pg. 61

(Wallplates not included with above, order separately, see pg. 160)

**Companion dimmer, fan, fan/light and IR control model numbers**

**Companion controls**

**Companion dimmer**

Companion dimmer      MA-R-**CC**<sup>3</sup>  
120V

Companion dimmer      MSC-AD-**CC**<sup>4</sup>  
120V

No derating required if ganged.

**Companion fan control**

Companion fan control      MA-AFQ4-**CC**<sup>1</sup>  
120V

Use up to a maximum of two wall-mounted companion fan controls (MIR-FQ4FMT- or MIR-FQ4FM-) for multi-location control.

No derating required if ganged.

**Companion fan/light control**

Companion fan/light control      MA-ALFQ35-**CC**<sup>1</sup>

No derating required if ganged.

**IR remote controls**

IR remote control      MIR-ITFS-WH  
(light only)

IR remote control      MIR-ITFS-F-WH  
(fan only)

IR remote control      MIR-ITFS-LF-WH  
(fan/light)

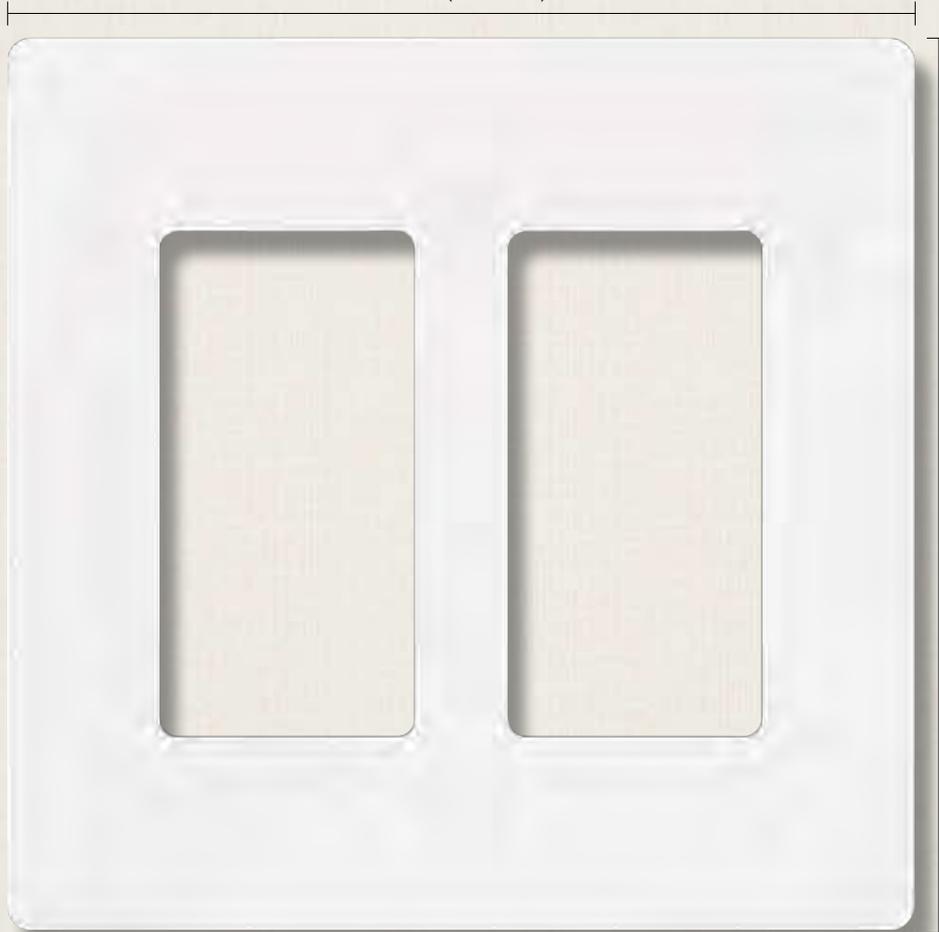
**Must be within 30 ft line-of-sight to IR receiver.**

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

**Accessories**

**Wallplates**

4.75 in (121 mm)



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

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

4.69 in  
(119 mm)

.30 in  
(7.6 mm)  
profile

**Coordinated electrical devices**



Tamper resistant  
GFCI receptacle

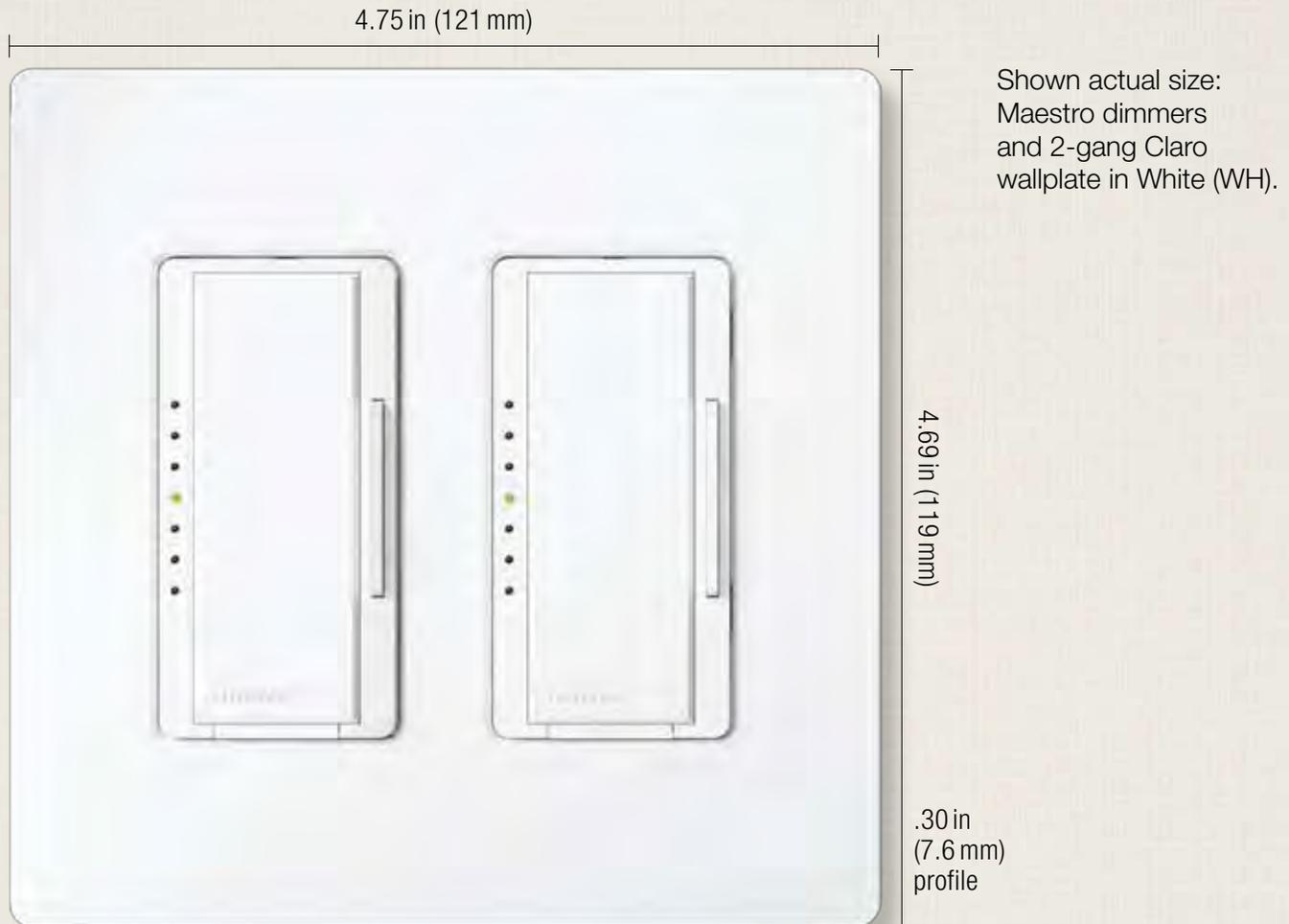


Customizable  
6-port frame



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



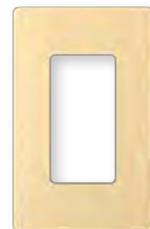
**PL**  
Plum



**SG**  
Sea Glass



**TQ**  
Turquoise



**GS**  
Goldstone



**DS**  
Desert Stone



**GB**  
Greenbriar



**MS**  
Mocha Stone



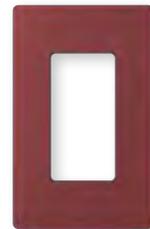
**TC**  
Terracotta



**SI**  
Sienna



**HT**  
Hot



**MR**  
Merlot



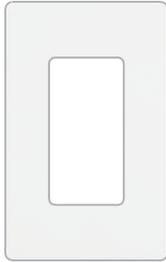
**MN**  
Midnight



**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>

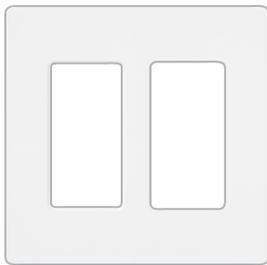
W: 2.94 in (75 mm); H: 4.69 in (119 mm)  
D: .30 in (7.6 mm)



4-gang\*

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

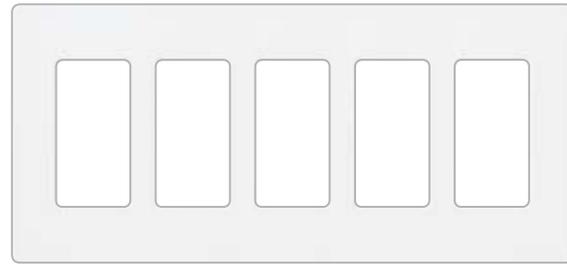
W: 8.37 in (213 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



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)

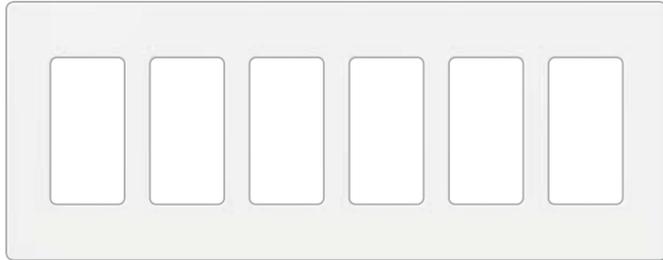
Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox, see Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**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-**CC**<sup>3</sup>

SCRS-15-TR-**CC**<sup>4</sup>

20A, 125V\*

SCRS-20-TR-**CC**<sup>4</sup>

### Receptacles

15A, 125V\*

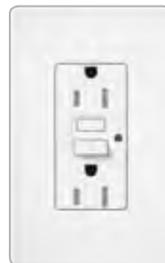
CAR-15H-**CC**<sup>3</sup>

SCR-15-**CC**<sup>4</sup>

20A, 125V\*

SCR-20-**CC**<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-**CC**<sup>3</sup>

SCR-15-GFTR-**CC**<sup>4</sup>

20A, 125V\*

GFCI

SCR-20-GFTR-**CC**<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 HFDU 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 HFDU.
- 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 DFDU 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>
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#### BNC jack

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

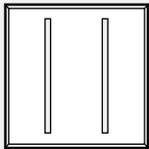
### Custom ganging for Architectural style controls

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

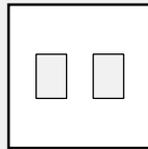
## Standard ganging for dimmers, switches and accessories

### New Architectural



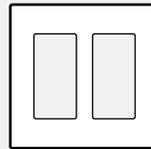
pg. 148

### Architectural



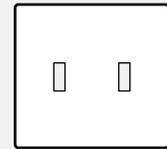
pg. 152

### Designer

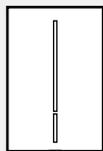


pg. 160

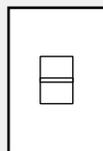
### Traditional



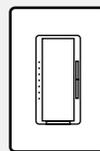
pg. 166



Vierti®



Vareo®  
Nova T☆®



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



Abella®  
Ceana®  
Ariadni®  
Glyder®  
Rotary

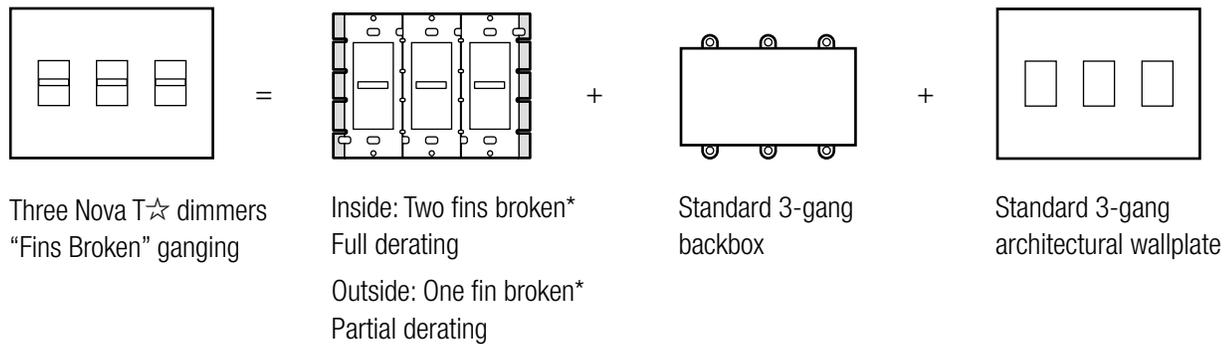
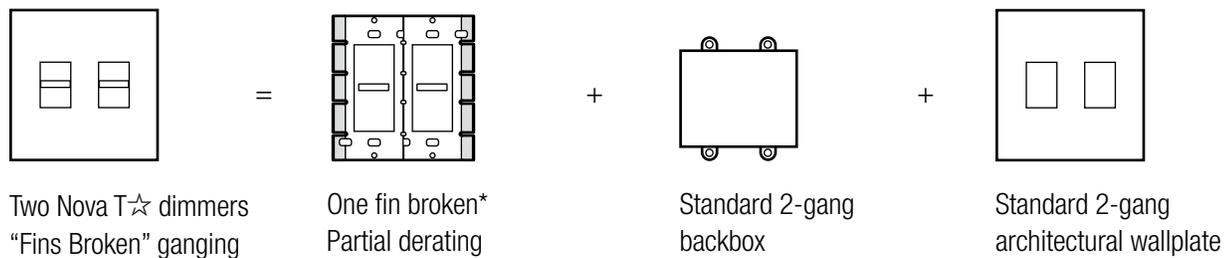
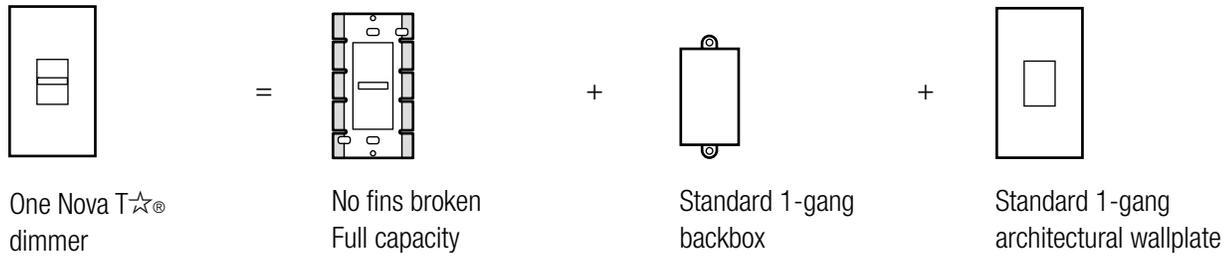
Derating Table 1  
pg. 172

Derating Table 2  
pg. 173

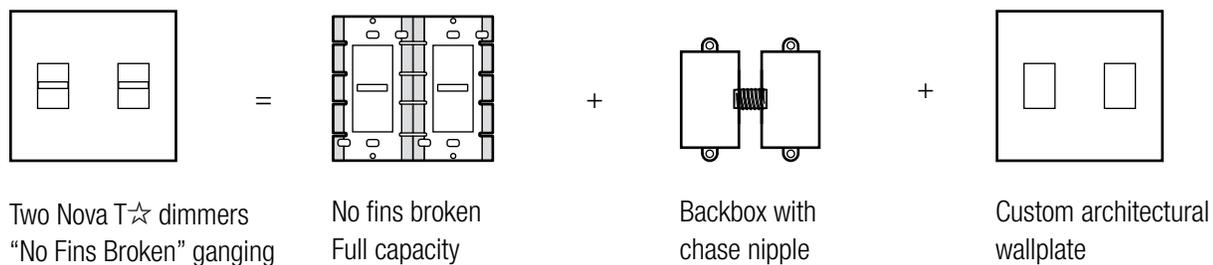
Derating Table 1  
pg. 172

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**

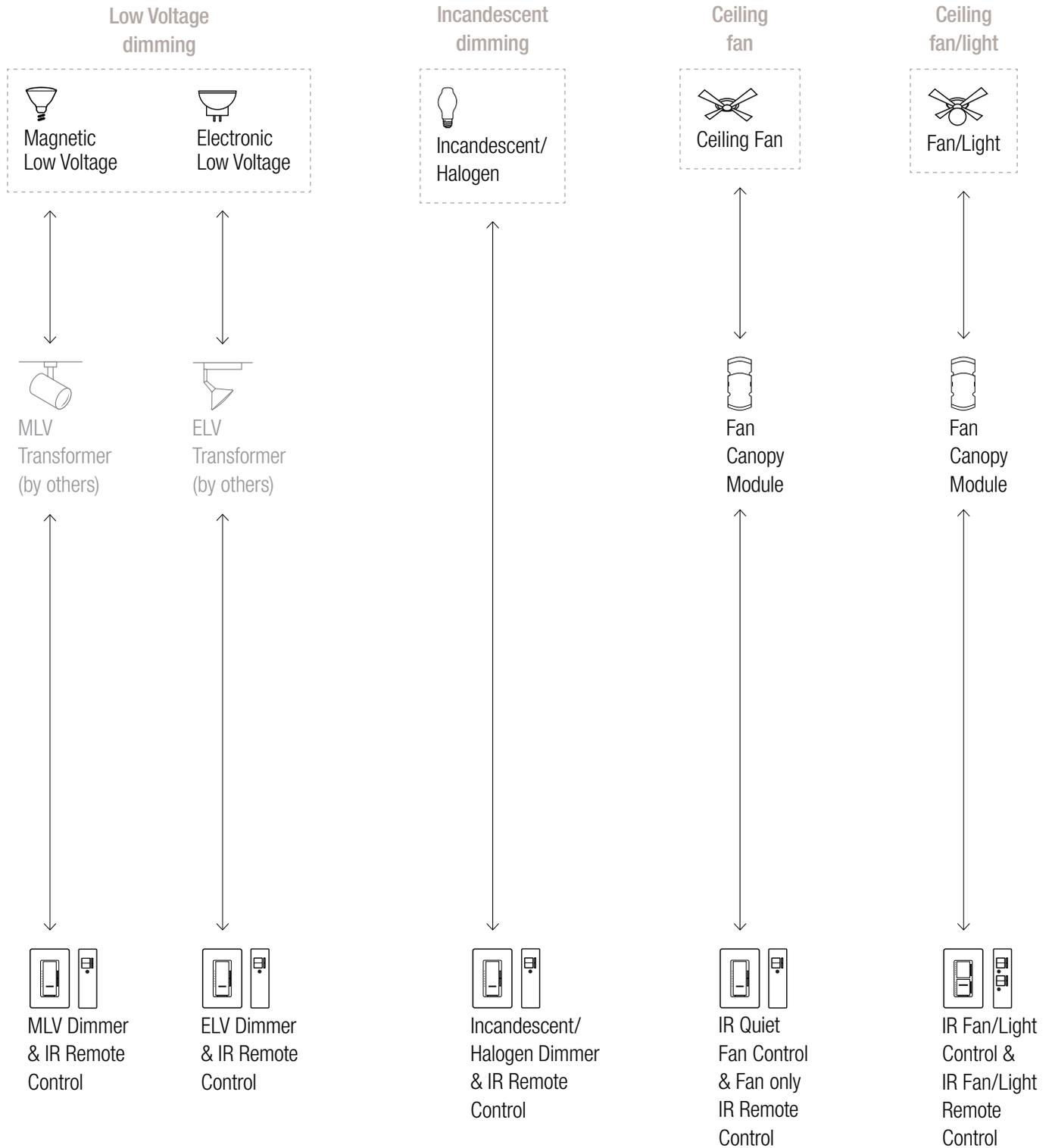
	No fins broken	1 fin broken	2 fins broken
<b>Incandescent</b>			
Dimmers	600W	500W	300W
	1000W	900W	700W
	1500W	1250W	1000W
	1950W	–	–
<b>Magnetic low-voltage</b>			
Dimmers	600 VA/450 W	500 VA/400 W	300 VA/250 W
	1000 VA/800 W	900 VA/750 W	700 VA/500 W
	1500 VA/1200 W	1250 VA/1000 W	1000 VA/800 W
<b>Electronic 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.

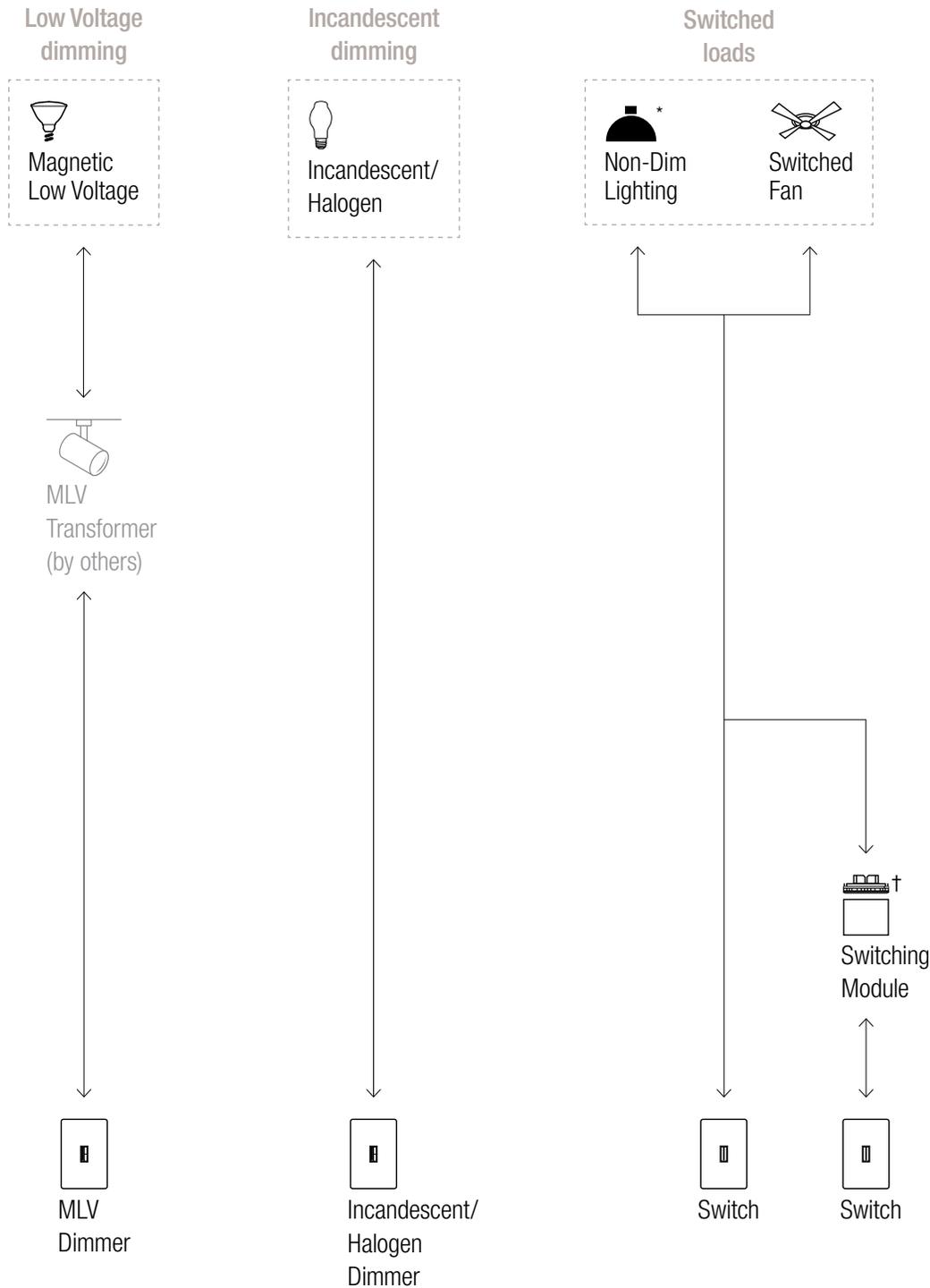
<sup>2</sup>VETS-R-Auxiliary electronic tapswitches do not require derating.

# Maestro IR®



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

Abella®



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

\*Refer to pg. 118 for specific load type.

†Interface provides additional capacity and/or may be different voltage than dimmer.