





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

### Product family features

- Slide adjusts light to suit any activity
- Full family of controls plus matching fan controls, switches and wiring devices
- Does not mount with Nova T☆® under common wallplate
- Voltage compensation maintains stable light levels, despite line voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Original thick profile does not fit flush against the wall, for thinner profile, see Nova T☆ on pg. 26
- Coordinating wallplate included
- Custom engraving and custom coloring 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
-  Neon/cold cathode lighting
-  Fluorescent lighting
-  LED lighting
-  Ceiling fans

### Load types requiring load interface

Lighting load interfaces may be applicable for some load type, voltage and capacity combinations. For additional information, see pg. 174.

### Available finishes

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

Architectural matte finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

\*Coordinating wallplate included with Architectural matte controls.

## Dimmers

### Slide-to-off dimmers/single-pole



- Slide up to brighten; down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls, see below

## Switches and fan controls

### Linear-slide switches



- Slide up to on; down to off

### Preset dimmers/3-way



- Slider button turns lights on/off
- Slide up to brighten; down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls, see below

### Slide-to-off fan controls



- Slide up to on/increase speed; down to decrease speed/off
- Fully variable control for use with multiple ceiling paddle fans or exhaust fans
- Standard size fan control shown
- Higher capacity loads require large controls, see below

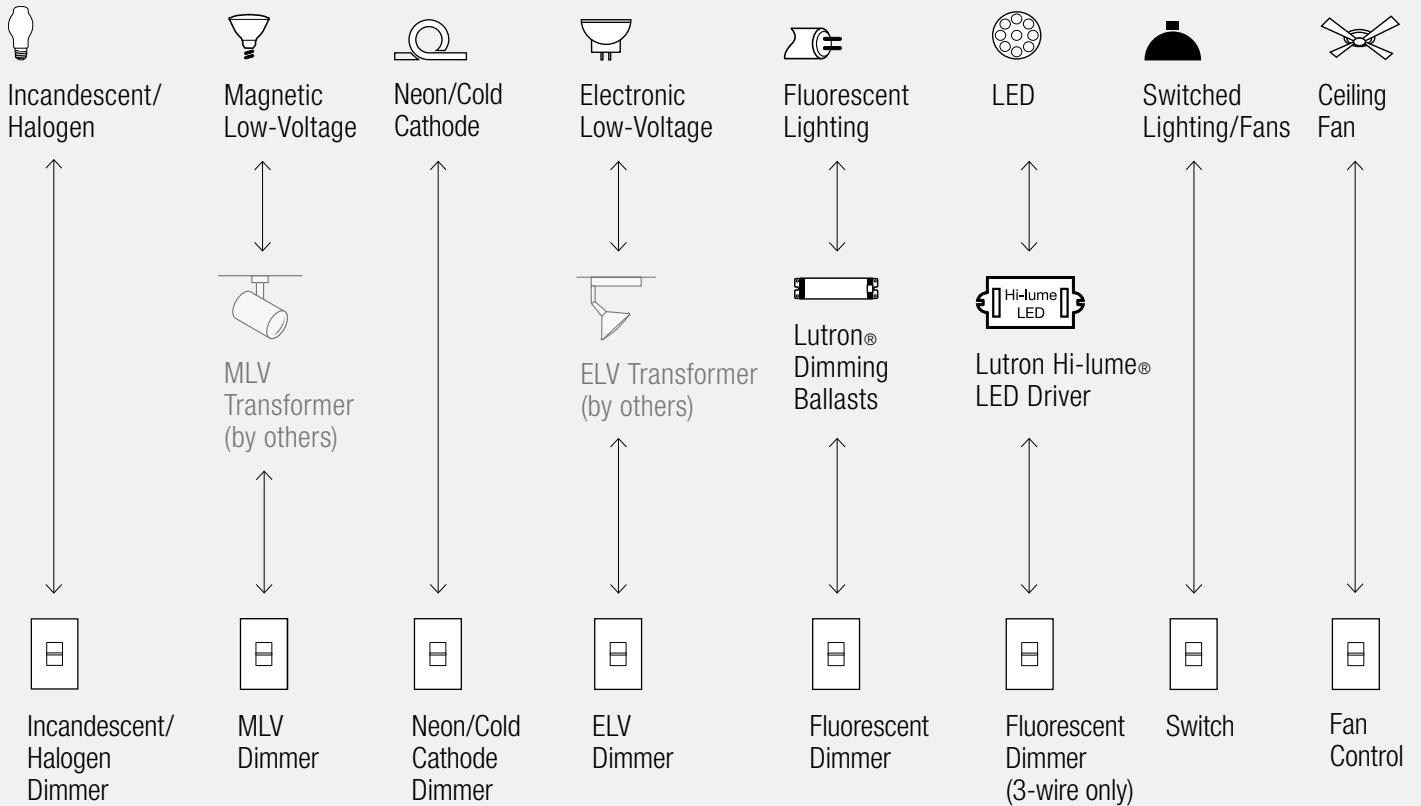


### Large control

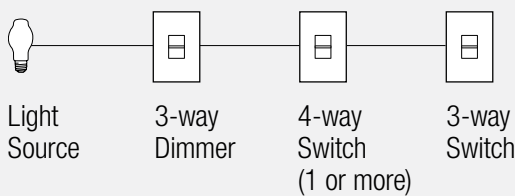
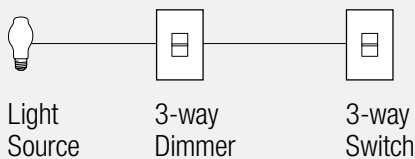
- Higher capacity dimmers require larger heat sink behind wallplate
- Large controls available as preset dimmer, slide-to-off dimmer or fan control
- Large control measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

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

(small and large controls)

#### Slide-to-off dimmers

Single-pole (small) 120V 600W	N-600- <b>AA</b> <sup>2</sup>
Single-pole (small) 120V 1000W	N-1000- <b>AA</b> <sup>2</sup>
Single-pole (large) 120V 1500W	N-1500- <b>AA</b> <sup>2</sup>
Single-pole (large) 120V 2000W	N-2000- <b>AA</b> <sup>2</sup>

#### Preset dimmers

3-way/single-pole (small) 120V 600W	N-603P- <b>AA</b> <sup>2</sup>
3-way/single-pole (small) 120V 1000W	N-1003P- <b>AA</b> <sup>2</sup>
3-way/single-pole (large) 120V 1500W	N-1503P- <b>AA</b> <sup>2</sup>
3-way/single-pole (large) 120V 2000W	N-2003P- <b>AA</b> <sup>2</sup>

For 3-way and 4-way switching, use N-3PS-, N-4PS- or other mechanical switches.



### Magnetic low-voltage and/or



### Neon/cold cathode dimmers\*

(small and large controls)

#### Slide-to-off dimmers

Single-pole (small) 120V 600VA (450W)	NLV-600- <b>AA</b> <sup>2</sup>
Single-pole (large) 120V 1000VA (800W)	NLV-1000- <b>AA</b> <sup>2</sup>
Single-pole (large) 120V 1500VA (1200W)	NLV-1500- <b>AA</b> <sup>2</sup>

For neon/cold cathode dimming, consult Lutron® Technical Support: Application note #25.

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 35  
(1-gang wallplate included)



### Magnetic low-voltage dimmers

(small and large controls)

#### Preset dimmers

3-way/single-pole (small) 120V 600VA (450W)	NLV-603P- <b>AA</b> <sup>2</sup>
3-way/single-pole (small) 120V 1000VA (800W)	NLV-1003P- <b>AA</b> <sup>2</sup>
3-way/single-pole (large) 120V 1500VA (1200W)	NLV-1503P- <b>AA</b> <sup>2</sup>
3-way/single-pole (large) 120V 2000VA (1600W)	NLV-2003P- <b>AA</b> <sup>2</sup>

For 3-way and 4-way switching, use N-3PS-, N-4PS- or other mechanical switches.

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 dimmer\*

(small control)

#### Slide-to-off dimmer

Single-pole 120V 450W	NELV-450- <b>AA</b> <sup>2</sup>
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Only certain LED drivers are dimmable using an ELV dimmer, for more information visit

[www.lutron.com/LED](http://www.lutron.com/LED).

Custom ganging and derating applies, see pg. 170.

\*Requires neutral wire connection.

## Dimmer model numbers

### 3-wire fluorescent dimmers\*

(small and large controls)

#### Slide-to-off dimmers

Single-pole (small) 120V 16A	NF-10- <b>AA</b> <sup>2</sup>
Single-pole (large) 277V 8A	NF-10-277- <b>AA</b> <sup>2</sup>

#### Preset dimmers

3-way/single-pole (small) 120V 8A	NF-103P- <b>AA</b> <sup>2</sup>
3-way/single-pole (large) 277V 6A	NF-103P-277- <b>AA</b> <sup>2</sup>

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

Also compatible with Hi-lume® LED driver.

For 3-way and 4-way switching use N-3PS-, N-4PS- or other mechanical switches.

No derating required if ganged.

Adjustable low-end trim.

### 0-10V dimmer (current sink control)

(small controls)

#### Slide-to-off dimmer

Single-pole 30mA max control current	NFTV- <b>AA</b> <sup>2</sup>
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Control provides dimming signal only. For dimming with on/off switching, **use with Lutron PowerPack**: PP-120H, PP-277H or PP-347H.

Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.

For information on using Lutron® dimmers to control: Advance Mark VII dimming ballasts, visit [www.lutron.com/advance](http://www.lutron.com/advance); Universal dimming ballasts, visit [www.lutron.com/universal](http://www.lutron.com/universal).

No derating required if ganged.

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 35 (1-gang wallplate included)

### Tu-Wire® fluorescent dimmer

(small control)

#### Slide-to-off dimmer

Single-pole 120V 5A	NFTU-5A- <b>AA</b> <sup>2</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.

### Fluorescent dimmers with magnetic ballasts\*

(small and large control)

#### Slide-to-off dimmers

Single-pole (small) 120V 10 lamps	NF-10- <b>AA</b> <sup>2</sup>
Single-pole (large) 120V 20 lamps	NF-20- <b>AA</b> <sup>2</sup>
Single-pole (large) 120V 30 lamps	NF-30- <b>AA</b> <sup>2</sup>
Single-pole (large) 277V 10 lamps	NF-10-277- <b>AA</b> <sup>2</sup>
Single-pole (large) 277V 20 lamps	NF-20-277- <b>AA</b> <sup>2</sup>

For best fluorescent dimming performance and reliability, Lutron strongly recommends using Hi-lume, Hi-lume Compact SE, Eco-10, EcoSystem, TVE™ or Tu-Wire electronic dimming ballasts and appropriate controls.

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

Custom ganging and derating applies, see pg. 170.

\*Requires neutral wire connection.

### Dimmer model numbers

 **Hi-lume® LED drivers:**  
**3-wire fluorescent dimmers\***  
(small and large controls)

**Slide-to-off dimmers**

Single-pole (small) 120V 16A	NF-10- <b>AA</b> <sup>2</sup>
Single-pole (large) 277V 8A	NF-10-277- <b>AA</b> <sup>2</sup>

**Preset dimmers**

3-way/single-pole (small) 120V 8A	NF-103P- <b>AA</b> <sup>2</sup>
3-way/single-pole (large) 277V 6A	NF-103P-277- <b>AA</b> <sup>2</sup>


Exclusively compatible with Hi-Lume LED driver.

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

For 3-way and 4-way switching use N-3PS- N-4PS- or other mechanical switches.

No derating required if ganged.

Adjustable low-end trim.

 **0-10V LED drivers:**  
**0-10V dimmers** (current sink control)  
(small controls)

**Slide-to-off dimmers**

Single-pole 30mA max control current	NFTV- <b>AA</b> <sup>2</sup>
---	------------------------------

Control provides dimming signal only. For dimming with on/off switching, **use with Lutron PowerPack:** PP-120H, PP-277H or PP-347H.

Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.

For compatible 0-10V LED drivers by others, visit [www.lutron.com/LED](http://www.lutron.com/LED).

No derating required if ganged.

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 35  
(1-gang wallplate included)

### Switch and fan control model numbers

 **Switches**  
(small controls)

**General purpose switches**

Single-pole 120/277V 20A	N-1PS- <b>AA</b> <sup>2</sup>
Single-pole 347V 20A	N-1PS-347- <b>AA</b> <sup>2</sup> -CSA
3-way 120/277V 20A	N-3PS- <b>AA</b> <sup>2</sup>
3-way 347V 20A	N-3PS-347- <b>AA</b> <sup>2</sup> -CSA
4-way 120/277V 20A	N-4PS- <b>AA</b> <sup>2</sup>

No derating required if ganged.

 **Fan controls**  
(small and large controls)

**Slide-to-off fan controls—fully variable**

Single-pole fan control (small) 120V 6A	NFS-6E- <b>AA</b> <sup>2</sup>
Single-pole fan control (large) 120V 12A	NFS-12E- <b>AA</b> <sup>2</sup>

No derating required if ganged.

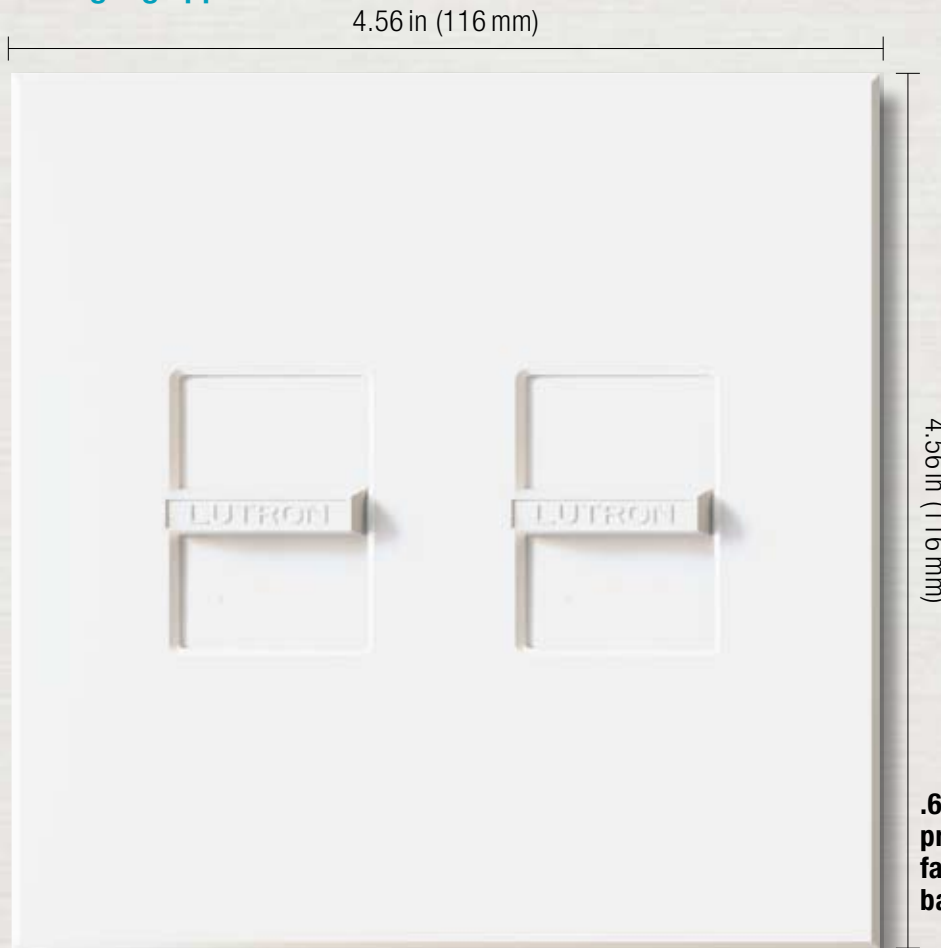
Custom ganging and derating applies, see pg. 170.

**\*Requires neutral wire connection.**



## Accessories

### Multi-gang applications

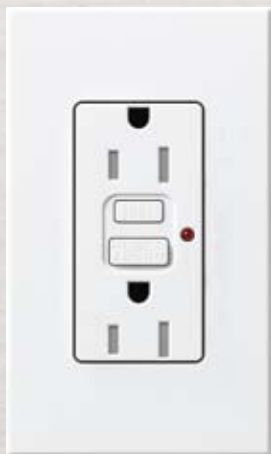


Shown actual size: Custom Architectural multi-gang Nova wallplate in White (WH).

Custom ganging and derating required for Nova controls, see pg. 170.

For information about Nova multi-gang wallplates, visit [www.lutron/custommultigang](http://www.lutron/custommultigang).

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information about coordinated Architectural electrical devices, see pg. 156.





Shown actual size:  
Nova T☆ dimmers and  
2-gang Architectural  
wallplate in White (WH).

## Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Vareo®, Nova T☆®
- All Lutron® wallplates are screwless, seamless and have no visible hardware, the front plate securely snaps into the alignment adapter plate
- Customize your architectural wallplate with engraving or by adding a corporate logo, contact customer service to get started at 1.888.LUTRON1
- Matte finish wallplates can be custom colored to perfectly match a paint color number, swatch or sample

## Ganging and derating

- Architectural wallplates in this section 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. 173
- Custom multi-gang wallplates required for the following cases
  - Full-capacity ganging ("No Fins Broken")
  - Large Nova T☆ controls (1500/2000W)
  - Nova controls

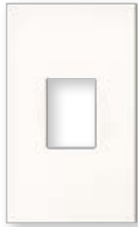
For further information visit

[www.lutron.com/customganging](http://www.lutron.com/customganging).

## Available finishes

Use **BOLD** color code in model number (Example: VWP-1-**SI**)

Architectural matte finishes



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

Architectural metal finishes\*



**BN**  
Bright Nickel



**BC**  
Bright Chrome



**CLA**  
Clear Anodized  
Aluminum



**SC**  
Satin Chrome



**SN**  
Satin Nickel



**QZ**  
Antique Bronze



**AU**  
Gold Plated



**BB**  
Bright Brass



**BRA**  
Brass Anodized  
Aluminum



**SB**  
Satin Brass



**QB**  
Antique Brass



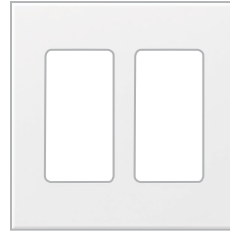
**BLA**  
Black Anodized  
Aluminum

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

## Wallplates for Vareo® and Nova T<sup>☆</sup>® dimmers and architectural accessories



1-gang for one switch or dimmer\* **VWP-1-AA<sup>1</sup>**  
 W: 2.75 in (70 mm); H: 4.56 in (116 mm);  
 D: .30 in (7.6 mm)



2-gang\* **VWP-2R-AA<sup>2</sup>**  
 for two accessories  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 D: .30 in (7.6 mm)



1-gang for one accessory\* **VWP-R-AA<sup>1</sup>**  
 W: 2.75 in (70 mm); H: 4.56 in (116 mm);  
 D: .30 in (7.6 mm)



3-gang\* **VWP-3-AA<sup>2</sup>**  
 for three switches or dimmers  
 W: 6.32 in (161 mm); H: 4.56 in (116 mm);  
 D: .30 in (7.6 mm)



2-gang\* **VWP-2-AA<sup>2</sup>**  
 for two dimmers or switches  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 D: .30 in (7.6 mm)



4-gang\* **VWP-4-AA<sup>2</sup>**  
 for four switches or dimmers  
 W: 8.45 in (215 mm); H: 4.56 in (116 mm);  
 D: .30 in (7.6 mm)

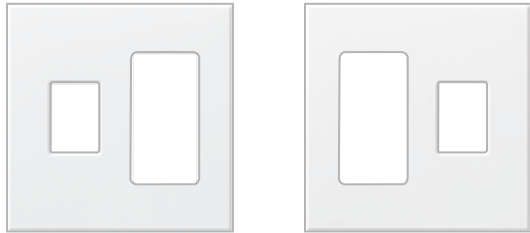
**AA<sup>1</sup>**: Architectural matte and Architectural metal color codes, see pg. 153

**AA<sup>2</sup>**: Architectural matte color codes, see pg. 153

For metal finishes, contact Customer Service at 1.800.LUTRON1.

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

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.



2-gang\* VWP-2CR-**AA**<sup>2</sup>  
 for one dimmer or switch and one accessory  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 D: .30 in (7.6 mm)

2-gang\* VWP-2RC-**AA**<sup>2</sup>  
 for one accessory and one dimmer or switch  
 W: 4.56 in (116 mm); H: 4.56 in (116 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).

**AA<sup>2</sup>**: Architectural matte color codes, see pg. 153  
 For metal finishes, contact Customer Service at 1.800.LUTRON1.

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

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

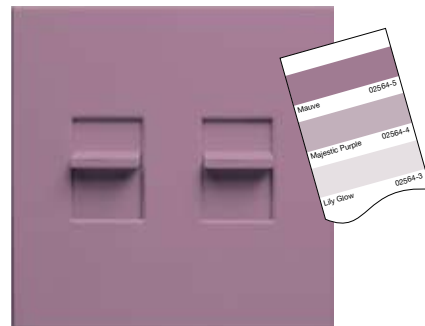
## Custom Architectural wallplates

Custom configurations, colors, engraving and silkscreenings available. Contact customer service 1.888.LUTRON1.

Custom multi-gang wallplates required for the following cases:

- Multi-gang metal finishes
- Full-capacity ganging ("No Fins Broken")
- Large Nova T☆ controls (1500/2000 W)
- Nova controls

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



Custom coloring available for all Architectural matte finish wallplates.



Custom engraving available for all Traditional, Designer, Architectural and New Architectural style wallplates (except Stainless Steel).

For wallplate engraving schedules, go to [www.lutron.com/engraving](http://www.lutron.com/engraving).

## Cable jack



- F-style, 75-Ohm coaxial cable
- Includes 1-gang wallplate

Single cable jack\*

NT-CJ-**AA**<sup>2</sup>

## Telephone jack



- 6-conductor jack, RJ11
- Includes 1-gang wallplate

Single telephone jack\*

NT-PJ-**AA**<sup>2</sup>

## Double and triple telephone jacks



- 8-conductor jack, RJ45 category 5 phone jack
- Includes 1-gang wallplate



Double telephone jack\*†

NT-PJ8X2-**AA**<sup>2</sup>

Triple telephone jack\*†

NT-PJ8X3-**AA**<sup>2</sup>

## Telephone/cable jack



- 8-conductor jack, RJ45 category 5 phone jack
- F-style, 75-Ohm coaxial cable jack
- Includes 1-gang wallplate

Telephone/cable jack\*†

NT-PJ8CJ-**AA**<sup>2</sup>

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).

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 153 (1-gang wallplate included)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.

†Ivory, White, Beige and Taupe controls will ship with White coordinating jacks; Brown, Black, Gray and Metal finish controls will ship with Black coordinating jacks.

## Receptacles



- Includes 1-gang wallplate

### Tamper resistant receptacles

15A, 125V*	NTR-15-TR- <b>AA</b> <sup>2</sup>
20A, 125V*	NTR-20-TR- <b>AA</b> <sup>2</sup>

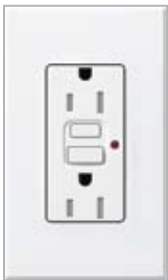
## Isolated ground receptacles



- Receptacle is orange for easy ID and circuit delineation
- Wallplate will match color that is ordered
- Includes 1-gang wallplate

15A, 125V*	NTR-15-IG-OR- <b>AA</b> <sup>2</sup>
20A, 125V*	NTR-20-IG-OR- <b>AA</b> <sup>2</sup>

## GFCI receptacles



- Press test button to confirm LED indicator status
- Press reset button to reset GFCI after circuit interruption
- Includes 1-gang wallplate

### Tamper resistant GFCI receptacles

15A, 125V*	NTR-15-GFTR- <b>AA</b> <sup>2</sup>
20A, 125V*	NTR-20-GFTR- <b>AA</b> <sup>2</sup>

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 153 (1-gang wallplate included)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) 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
- 15A model shown
- Includes 1-gang wallplate

### Duplex for dimming use

15 A	120/125 V*	NTR-15-DFDU- <b>AA</b> <sup>2</sup>
20 A	120/125 V*	NTR-20-DFDU- <b>AA</b> <sup>2</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
- 15A model shown
- Includes 1-gang wallplate

### Split duplex (half for dimming use)

15 A	120/125 V*	NTR-15-HFDU- <b>AA</b> <sup>2</sup>
20 A	120/125 V*	NTR-20-HFDU- <b>AA</b> <sup>2</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
- 15A model shown
- Includes 1-gang wallplate
- Tamper resistant shutter mechanism

### Dual dimming tamper resistant

15 A	120/125 V*	NTR-15-DDTR- <b>AA</b> <sup>2</sup>
20 A	120/125 V*	NTR-20-DDTR- <b>AA</b> <sup>2</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
- 15A model shown
- Includes 1-gang wallplate
- Tamper resistant shutter mechanism

### Half dimming tamper resistant

15 A	120/125 V*	NTR-15-HDTR- <b>AA</b> <sup>2</sup>
20 A	120/125 V*	NTR-20-HDTR- <b>AA</b> <sup>2</sup>

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 153 (1-gang wallplate included)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.



## Replacement plugs for dimming (use with receptacles)



- 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 application notes:

- 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
- 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.
- 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)

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 153 (1-gang wallplate included)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.

## Field customizable 6-port frame




- Shipped with six blanks in matching colors
- Connectors sold separately
- Connectors snap in (no tools required)
- Includes 1-gang wallplate
- Connectors available in White (WH) only unless noted

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).





6-port frame*	NT-6PF- <b>AA</b> <sup>2</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-LC-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.

**AA**<sup>2</sup>: Architectural matte color codes, see pg. 153  
**EE**<sup>4</sup>: Only available in White (WH) and Black (BL)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) 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

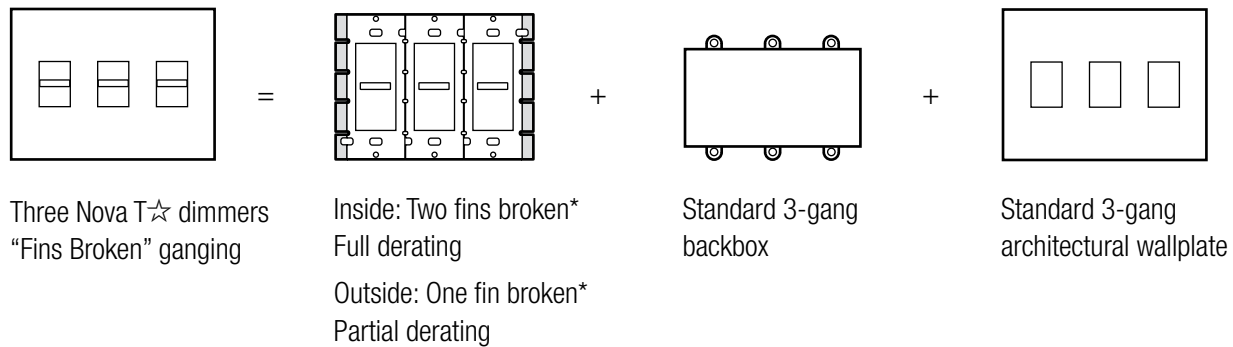
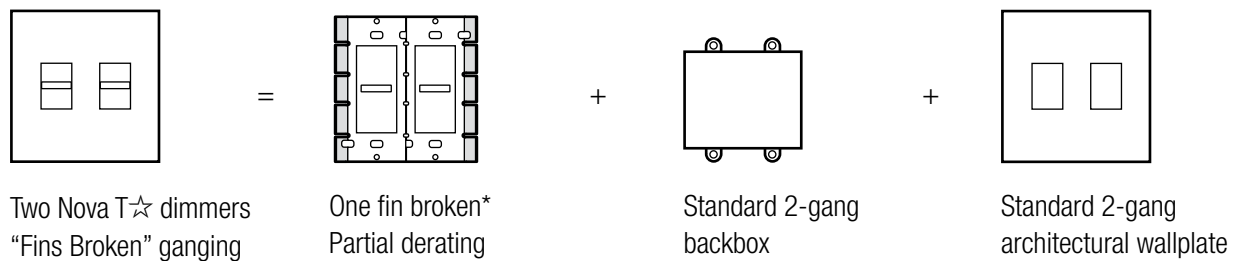
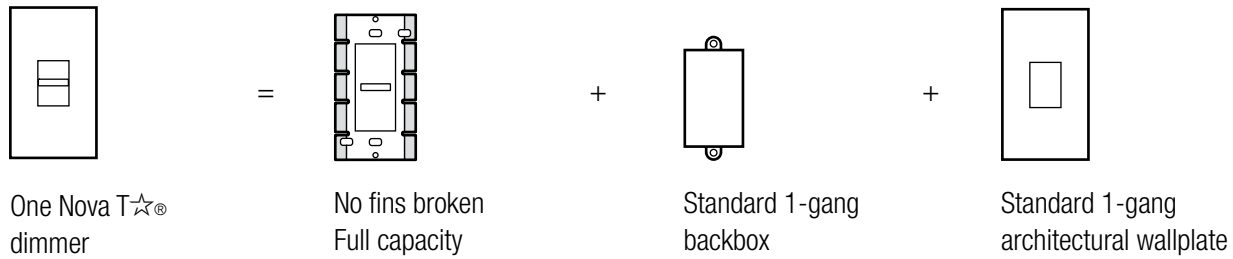
Derating Table 1  
pg. 172

Derating Table 2  
pg. 173

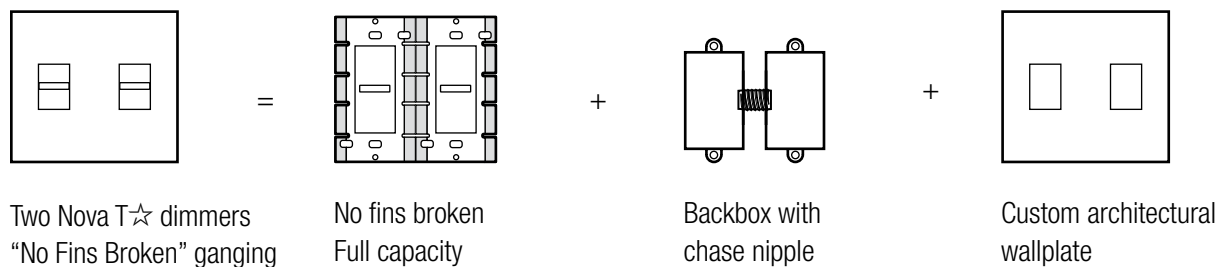
Derating Table 1  
pg. 172

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

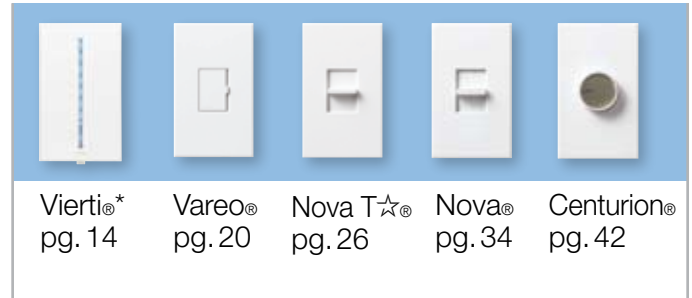
For further information on ganging Nova®, visit [www.lutron.com/customganging](http://www.lutron.com/customganging).











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

**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).



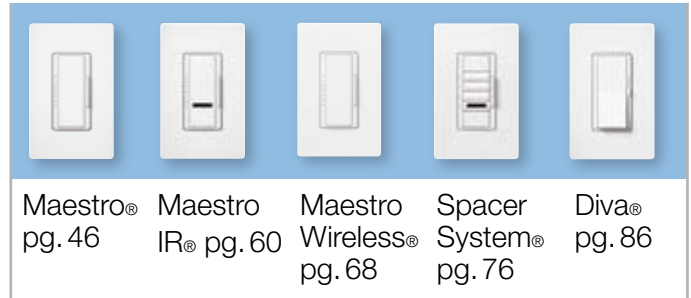
## Dimmer capabilities and interface requirements











**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.

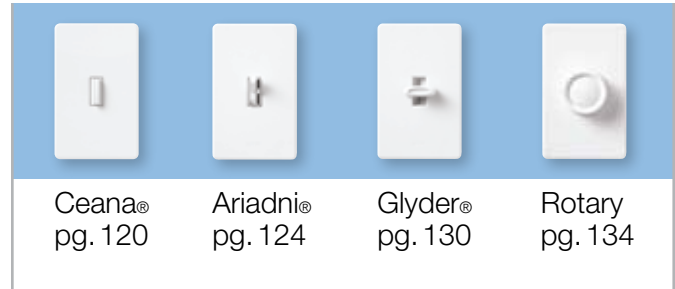
**TVI:** 0-10V Interface (GRX-TVI)










**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, Eco-10® and EcoSystem® ballasts	8A			
		16A		<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>	
		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-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**

	Tu-Wire® Fluorescent Ballasts (120V)		Switched Lighting (120/277V)	
	<b>PA</b> 		<b>SW</b> 	
	Phase Adaptive Power Module* PHPM-PA-DV-WH		Switching Power Module* PHPM-SW-DV-WH	
<b>Dimmer Family</b>	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)

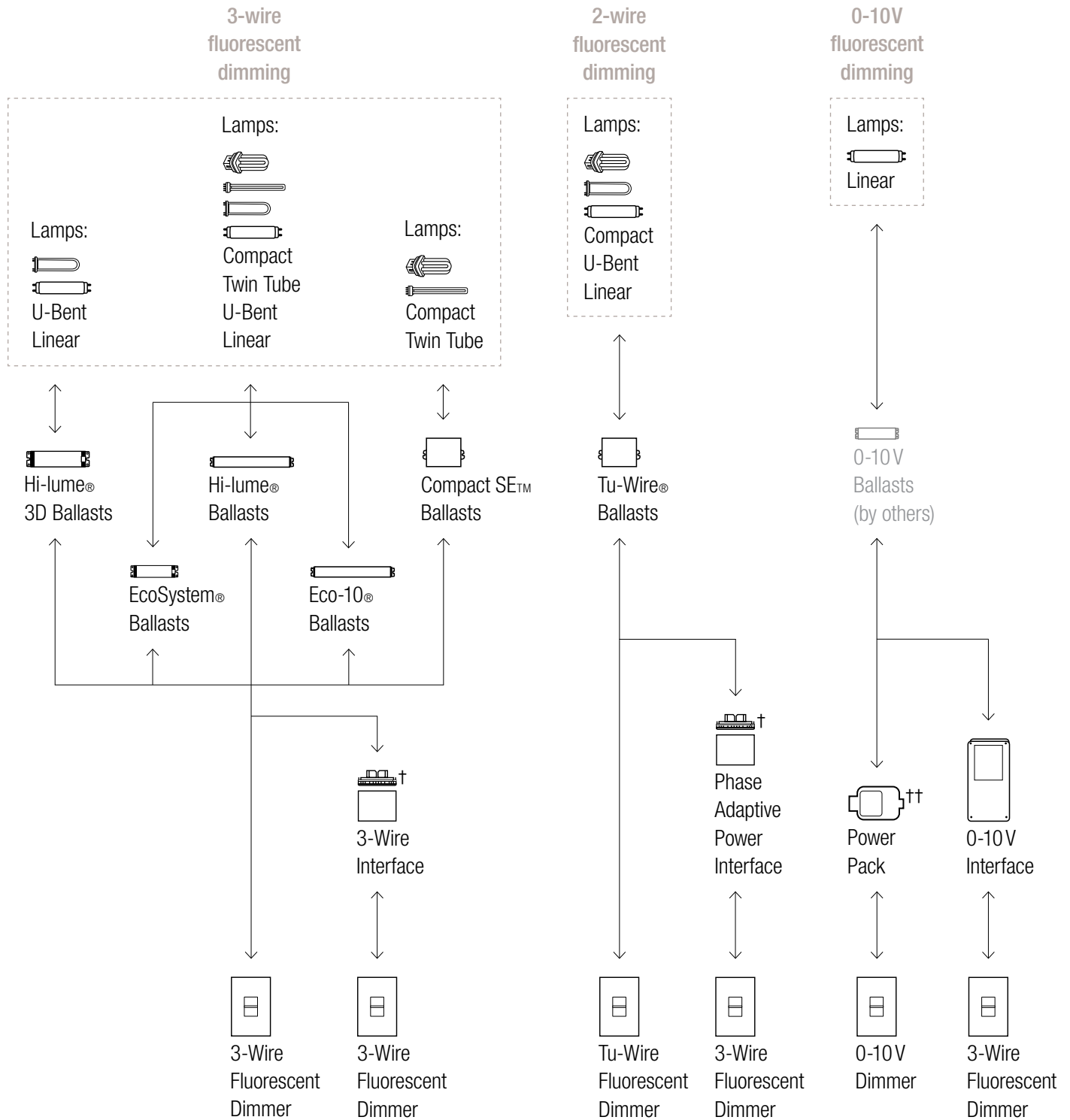
**Interface mounting**

- 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.

Nova®



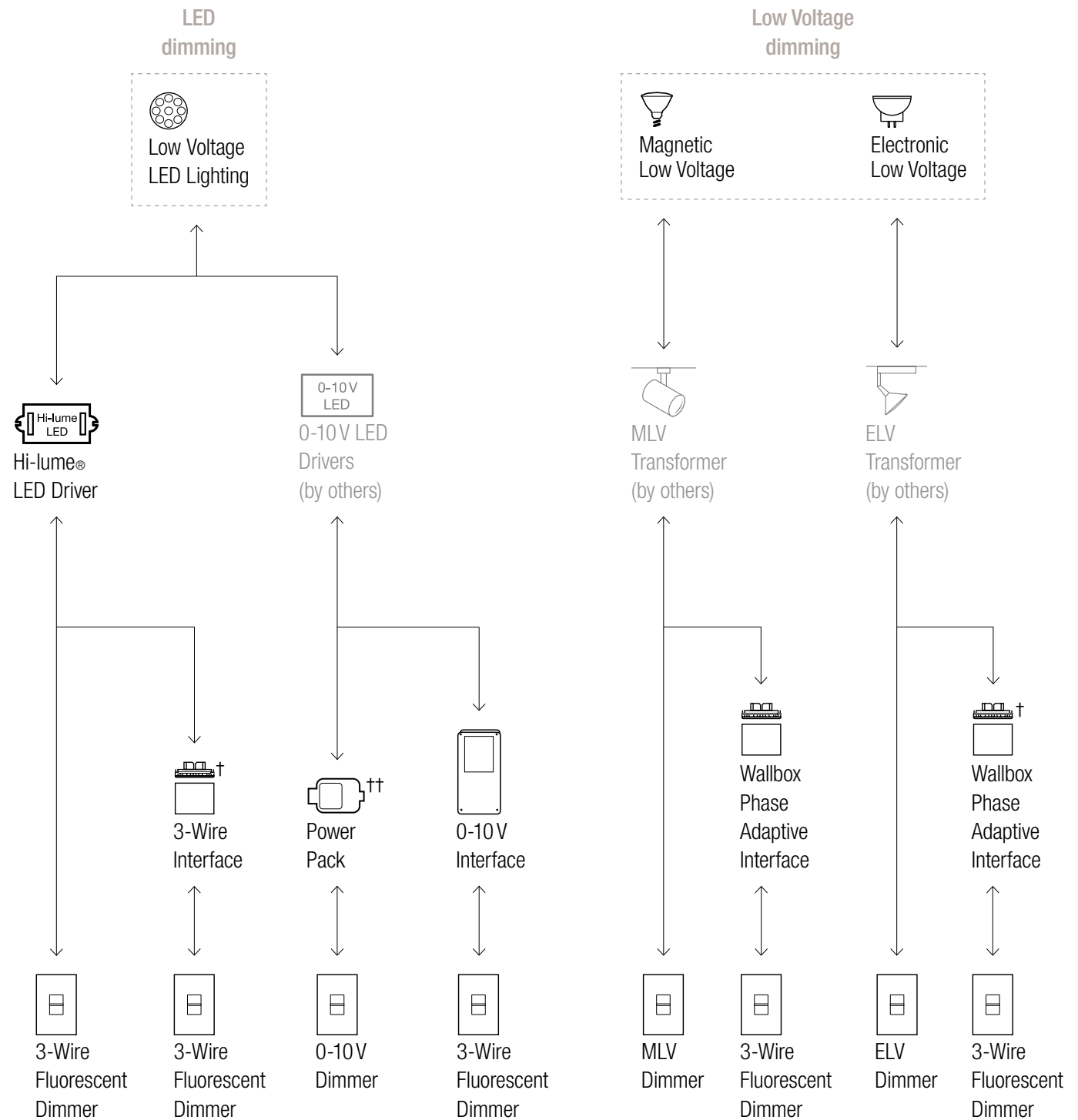
**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.

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

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

††PowerPack provides on/off switching to 0-10V load.

Nova®



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

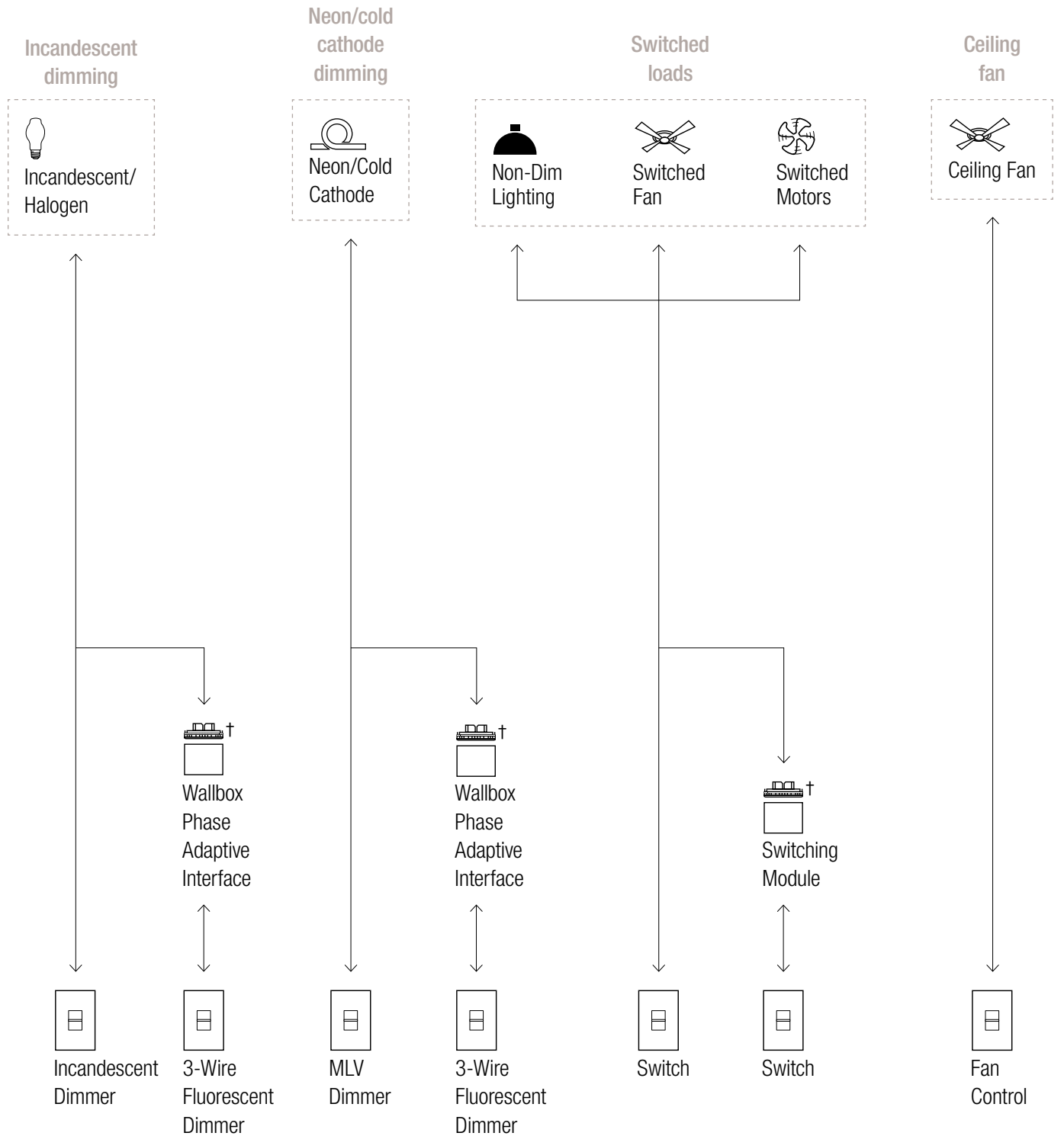
For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

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

††PowerPack provides on/off switching to 0-10V load.



Nova®



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

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

## Table of contents

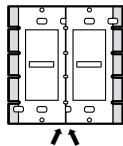
<b>Standard architectural wallplates</b> .....	B1
<b>Customized architectural wallplates</b> .....	B1
<b>Determine which architectural wallplate is right for your application</b> .....	B2
<b>How to construct a wallplate model number</b> .....	B3
<b>Derating tables</b> .....	B9
<b>Multi-gang worksheet</b> .....	B12

## Standard architectural wallplates

Six popular 2-, 3- and 4-gang wallplates in nine matte colors  
(48-hours shipment available)



H: 4.56 in x W: 4.56 in



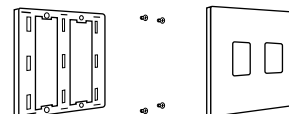
### Fins broken wallplates (FB)

- Controls fit into standard size backboxes with standard size wallplates
- Dimmers must be derated, pg. 170

### Use with:

- Vareo®
- NovaT☆®
- Architectural accessories
- GRAFIK Eye® seeTouch®, and architectural style wallstations
- HomeWorks® controls

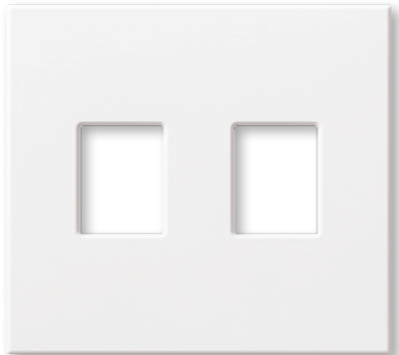
### What's included:



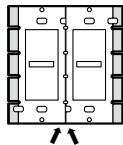
Adapter plate, screws, wallplate (inserts not included)

## Customized architectural wallplates

Create a wallplate for any application



H: 4.56 in x W: 4.56 in



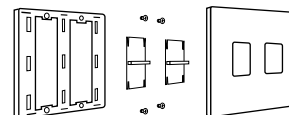
### Fins broken wallplates (FB)

- Controls fit into standard size backboxes with standard size wallplates
- Dimmers must be derated
- Combines large and small controls

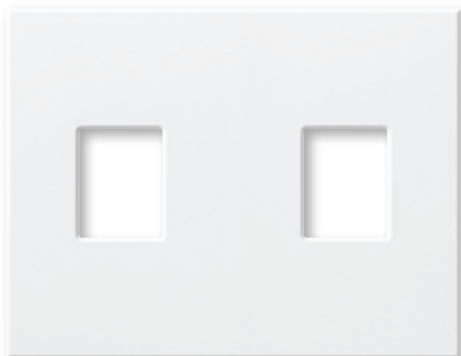
### Use with:

- Vareo®
- NovaT☆®
- Architectural accessories
- GRAFIK Eye® seeTouch®, and architectural style wallstations
- HomeWorks® controls

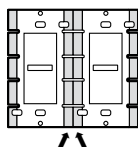
### What's included:



Adapter plate, screws, wallplate (inserts not included)



H: 4.56 in x W: 5.41 in



### No fins broken wallplates (NFB)

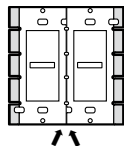
- Controls require wider-than-standard backboxes and wallplates (see pgs. B7–B8)
- Dimmers can be used to their full capacity
- Combines large and small controls

Multi-gang, screwless, seamless wallplates available—wallplate selector tool at [www.lutron.com/lutron/wallplate](http://www.lutron.com/lutron/wallplate).

Lutron's architectural style controls can be ganged at full dimmer capacity using "No Fins Broken" wallplates. When using "Fins Broken" wallplates, maximum dimmer capacity must be derated. See pg. 170 for complete information on derating a dimmer.

## Determine which architectural wallplate is right for your application

Standard architectural wallplates

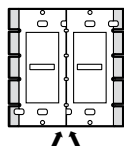


### Fins broken wallplates (FB)

- 48-hour shipment available
- Use to conserve horizontal wall space

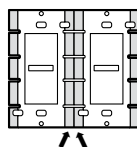
---

## Custom architectural wallplates



### Fins broken wallplates (FB)

- If you need to conserve horizontal wall space
- If you need to combine large and small controls
- If you need metal wallplates or custom colors



### No fins broken wallplates (NFB)

- If you need to combine large and small controls
- If you need metal wallplates or custom colors
- Require full rating of dimmers





Lutron's architectural style controls can be ganged at full dimmer capacity using "No Fins Broken" wallplates. When using "Fins Broken" wallplates, maximum dimmer capacity must be derated. See pg. 170 for complete information on derating a dimmer.

**How to construct a wallplate model number**


Use the following steps to order multi-gang, metal, and replacement wallplates

**1 product code**

**NT** Thin profile (D: 0.3in or 7.6 mm)








Vareo®      NovaT®      Architectural accessories



GRAFIK Eye®  
seeTouch® wallstation

**N** Wide profile (D: 0.65in or 16.5 mm)





Nova®

When ganging products together under a common wallplate the product's depth must be the same style (NT or N).

**NT-SOL-FB-WH**

**2 insert code(s)**



Insert

The detachable face of the product is called an insert. Each product has its own Insert Code, see pgs. B5–B6 for a complete listing of model numbers and their insert codes.

Select Insert Codes and add to model numbers in left to right order as if looking at the front of the wallplate (see example at the bottom of this page).

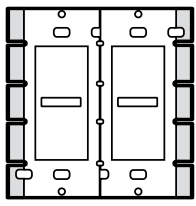


Inserts used in a fins broken application.  
From left to right:  
NovaT® (small control)  
Vareo® (small control)  
NovaT® (large control)

**NT-SOL-FB-WH**

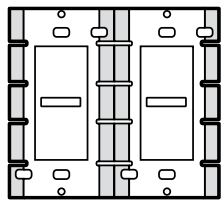
## 3 ganging code

### FB



Fins broken

### NFB

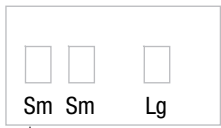


No fins broken

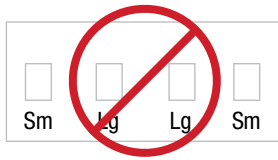
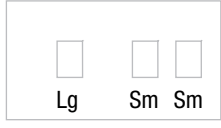
Mixing small and large controls

**Correct:** group small and large at either end

**Incorrect:** do not alternate small and large



4.5 in required for vertical installations



Determine whether controls need to use maximum load capacity or can be derated. Derating is the reduction of the maximum capacity (load) a unit can reliably handle when fins/side sections are removed. A scored section along each side of the mounting plate/fin is designed to be removed to facilitate ganging.

See pg. 170 for more information about your specific product's derated capacities. Note: If **any** controls are ganged under the same wallplate with no fins broken, then the ganging code is NFB.

**NT-SOL-FB-WH**

## 4 color code

### Available colors

**Colors** (architectural matte finish) (3–5 days)\*

<b>WH</b> White	<b>GR</b> Gray
<b>BE</b> Beige	<b>TP</b> Taupe
<b>IV</b> Ivory	<b>BR</b> Brown
<b>AL</b> Almond	<b>BL</b> Black
<b>LA</b> Light Almond	<b>SI</b> Sienna

**Metals** (special finishes) (4–6 weeks)†

<b>SB</b> Satin Brass	<b>SC</b> Satin Chrome
<b>BB</b> Bright Brass	<b>SN</b> Satin Nickel
<b>BC</b> Bright Chrome	<b>BN</b> Bright Nickel
<b>QB</b> Antique Brass	<b>AU</b> Gold Plated
<b>QZ</b> Antique Bronze	

### Anodized aluminum

<b>CLA</b> Clear	<b>BRA</b> Brass
<b>BLA</b> Black	

Custom colors and finishes are available by providing Lutron® with a paint color number, swatch, or sample. Lutron can color match your controls. Contact Customer Service at 1.888.LUTRON1.

Multi-gang, screwless, seamless wallplates available—wallplate selector tool at [www.lutron.com/lutron/wallplate](http://www.lutron.com/lutron/wallplate).

CAD file downloads available at [www.lutron.com/technical\\_info/cad](http://www.lutron.com/technical_info/cad).

\*Most matte wallplates ship in 3-5 days; wider wallplates require additional time.  
†Consult Lutron® Customer Service for pricing and delivery at 1.888.LUTRON1.

**NT-SOL-FB-WH**

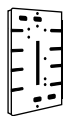
Model Number	Insert Code	Control Size
<b>Vareo®</b>		
V-600-	<b>O</b>	small
V-1000-	<b>O</b>	small
VETN-1000-	<b>K</b>	small
VETS-1000-	<b>K</b>	small
VETS-1000-SL-	<b>H</b>	small
VETS-A-SL-	<b>H</b>	small
VETS-R-	<b>K</b>	small
VF-10-	<b>O</b>	small
<b>Nova T<sup>☆</sup>®</b>		
NT-1PS-	<b>S</b>	small
NT-3PS-	<b>S</b>	small
NT-4PS-	<b>S</b>	small
NT-600-	<b>S</b>	small
NT-603P-	<b>P</b>	small
NT-1000-	<b>S</b>	small
NT-1003P-	<b>P</b>	small
NT-1500-	<b>L</b>	large
NT-1503P-	<b>U</b>	large
NT-2000-*	<b>TF</b>	large
NT-DPDT-CO-MA-	<b>S</b>	small
NT-DPDT-CO-MO-	<b>S</b>	small
NTA-2-	<b>S</b>	small
NTB-600-	<b>S</b>	small
NTB-1000-	<b>S</b>	small
NTELV-300-	<b>S</b>	small
NTELV-600-	<b>S</b>	small
NTF-10-	<b>S</b>	small
NTF-103P-	<b>P</b>	small
NTFS-6E-	<b>S</b>	small
NTFS-12E-	<b>L</b>	large
NTFSQ-	<b>S</b>	small
NTFTU-5A-	<b>S</b>	small
NTFTV	<b>S</b>	small
NTLV-600-	<b>S</b>	small
NTLV-603P-	<b>P</b>	small
NTLV-1000-	<b>S</b>	small
NTLV-1003P-	<b>P</b>	small
NTLV-1500-	<b>L</b>	large
NTLV-1503P-	<b>U</b>	large

Model Number	Insert Code	Control Size
<b>Accessories</b>		
NT-6PF-	<b>R3<sup>1</sup></b>	small
NT-CJ-	<b>9</b>	small
NT-PJ-	<b>8</b>	small
NT-PJ8CJ-	<b>TE</b>	small
NT-PJ8X2-	<b>TC</b>	small
NT-PJ8X3-	<b>TD</b>	small
NTR-15-	<b>R</b>	small
NTR-15-GFCI-	<b>R3<sup>1</sup></b>	small
NTR-15-IG-OR-	<b>R<sup>1</sup></b>	small
NTR-20-	<b>4</b>	small
NTR-20-GFCI-	<b>R3<sup>1</sup></b>	small
NTR-20-IG-OR-	<b>R<sup>1</sup></b>	small
<b>GRAFIK Eye® Wallstations</b>		
NTGRX-1S-	<b>K</b>	small
NTGRX-2B-SL-	<b>T8</b>	small
NTGRX-4B-	<b>T5</b>	small
NTGRX-4M-	<b>T1</b>	small
NTGRX-4S-	<b>A</b>	small
NTGRX-4S-IR-	<b>A</b>	small
NTGRX-SI4S-IR-	<b>A</b>	small
SG-2BI-	<b>R3</b>	small
SG-4BI-	<b>R3</b>	small
SG-4MI-	<b>R3</b>	small
SG-4NRLI-	<b>R3</b>	small
SG-4SI-	<b>R3</b>	small
SG-4SIRI-	<b>R3</b>	small

**Blank Inserts and Yokes**

For each blank ordered, order one yoke to attach wallplate to backbox.

small blank insert      **E\***      small  
 large blank insert      **G\*\***      large



\*small yoke

\*\*large yoke

**NT-YS**

**NT-YL**

\*NT-2000- must use NFB Series only.  
<sup>1</sup>Product insert is permanently attached. Order the device in the color desired, wallplate will not have an insert to change the device color in the field.

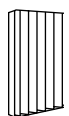
Model Number	Insert Code	Control Size
<b>Nova®</b>		
N-1PS-	<b>S</b>	small
N-1PS-374- -CSA-	<b>S</b>	small
N-3PS-	<b>S</b>	small
N-3PS-374- -CSA-	<b>S</b>	small
N-4PS-	<b>S</b>	small
N-600-	<b>S</b>	small
N-603P-	<b>P</b>	small
N-1000-	<b>S</b>	small
N-1003P-	<b>P</b>	small
N-1500-	<b>L</b>	large
N-1503P-	<b>U</b>	large
N-2000-	<b>L</b>	large
N-2003P-	<b>U</b>	large
NELV-450-	<b>S</b>	small
NF-10-	<b>S</b>	small
NF-10-277-	<b>L</b>	large
NF-103P-	<b>P</b>	small
NF-103P-277-	<b>P</b>	small
NF-20-	<b>L</b>	large
NF-20-277-	<b>L</b>	large
NF-30-	<b>L</b>	large
NFS-6E-	<b>S</b>	small
NFS-12E-	<b>L</b>	large
NFTV-	<b>S</b>	small
NLV-600-	<b>S</b>	small
NLV-603P-	<b>P</b>	small
NLV-1000-	<b>L</b>	large
NLV-1003P-	<b>P</b>	small
NLV-1500-	<b>L</b>	large
NLV-1503P-	<b>U</b>	large
NLV-2003P-	<b>U</b>	large

### Blank Inserts and Yokes

For each blank ordered, order one yoke to attach wallplate to backbox.

small blank insert      **E\***      small

large blank insert      **G\*\***      large



\*small yoke

\*\*large yoke

**N-YS**

**N-YL**

### Available colors Nova T<sup>☆</sup>®/Vareo® ONLY

**Colors** (architectural matte finish) (3-5 days)\*

<b>WH</b> White	<b>GR</b> Gray
<b>BE</b> Beige	<b>TP</b> Taupe
<b>IV</b> Ivory	<b>BR</b> Brown
<b>AL</b> Almond	<b>BL</b> Black
<b>LA</b> Light Almond	<b>SI</b> Sienna

**Metals** (special finishes) (4-6 weeks)†

<b>SB</b> Satin Brass	<b>SC</b> Satin Chrome
<b>BB</b> Bright Brass	<b>SN</b> Satin Nickel
<b>BC</b> Bright Chrome	<b>BN</b> Bright Nickel
<b>QB</b> Antique Brass	<b>AU</b> Gold Plated
<b>QZ</b> Antique Bronze	

### Anodized aluminum

<b>CLA</b> Clear	<b>BRA</b> Brass
<b>BLA</b> Black	

### Available colors Nova® ONLY

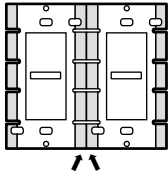
**Colors** (architectural matte finish) (3-5 days)\*

<b>WH</b> White	<b>LA</b> Light Almond
<b>BE</b> Beige	<b>GR</b> Gray
<b>IV</b> Ivory	<b>BR</b> Brown
<b>AL</b> Almond	<b>BL</b> Black

\*Most matte wallplates ship in 3–5 days; wider wallplates require additional time.

†Consult Lutron® Customer Service for pricing and delivery at 1.888.LUTRON1.


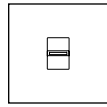


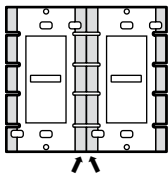


- No fins broken wallplates (NFB)** (no derating required—full rated capacity)
- For Vareo® and Nova T☆® installations

For use with installations that **DO NOT** include an NT-2000-

		Number of Small Controls					
		0	1	2	3	4	5
Number of Large Controls	0	NA	1 2.75 in	1+1 5.41 in	4 8.14 in	4+1 10.86 in	7 13.50 in
	1	1 4.56 in	3 7.22 in	5 10.01 in	6 12.68 in		
	2	4 9.09 in	6 11.82 in	7 14.49 in			
	3	6 13.63 in			For larger wallplate configurations, contact Lutron® Customer Service.		

 Number of Small Controls  
 Number of Large Controls  
 number of backboxes  
 wallplate width

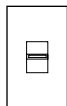
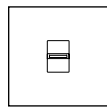


- No fins broken wallplates (NFB)** (no derating required—full rated capacity)
- For Vareo® and Nova T☆® installations
  - NT-2000- can be used

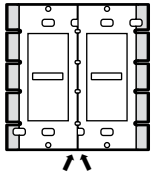


NT-2000-

		Number of Small Controls			
		0	1	2	3
Number of Large Controls	1	2 4.56 in	2+1 7.22 in	2+1+1 10.01 in	2+4 12.68 in
	2	2+2 9.09 in	2+2+1 11.82 in	2+2+1+1 14.49 in	
	3	2+2+2 13.63 in	For larger wallplate configurations, contact Lutron® Customer Service.		

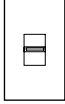
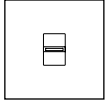
 Number of Small Controls  
 Number of Large Controls  
 number of backboxes  
 wallplate width

Note: When ganging an even number of small controls, use backboxes with tapped ears. Do not use plaster rings or gangbox covers.



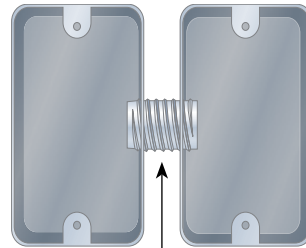
- Fins broken wallplates (FB)** (derating required)  
 • for Vareo® and Nova T☆® installations

		Number of Small Controls						
		0	1	2	3	4	5	6
Number of Large Controls	0	NA	1	2 4.56 in	3 6.32 in	4 8.45 in	5 9.97 in	6 11.85 in
	1	1 4.56 in	3 6.32 in	4 8.14 in	5 9.97 in	6 11.85 in	7 15.5 in	
	2	3 8.20 in	5 9.97 in	6 11.79 in	7 15.5 in			
	3	5 11.85 in	7 15.5 in				For larger wallplate configurations, contact Lutron® Customer Service.	

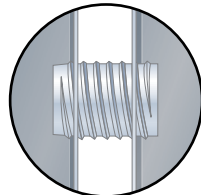

  

  
 → number of backboxes  
 → wallplate width

**Example: plus sign (1 + 1) two small controls**

The plus sign (1 + 1) indicates the need for additional backboxes connected by a chase nipple or spacer with 3/4 in separation as shown.

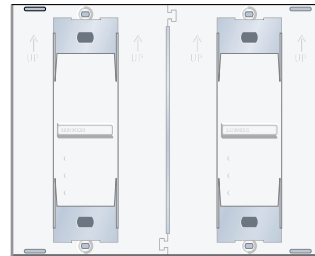


Two single-gang backboxes connected by a chase nipple with 3/4 in separation.



→ 3/4 in ←

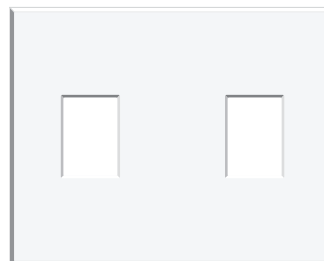
Use a spacer, chase nipple or Lutron® part# PLUS-ADAPTER® -3.5.



Two small controls mounted on a no fins broken adapter plate (provided with wallplate).



See pgs. B5–B6 for small and large control numbers.



No Fins Broken (NFB) screwless seamless wallplate with no visible hardware NT-SS-NFB-WH.

**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**

<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.

**Derating Table 3**

Architectural | Nova®



No fins broken



1 fin broken



2 fins broken

	No fins broken	1 fin broken	2 fins broken
<b>Incandescent<sup>1</sup></b>			
Dimmers	600W	600W	600W
	1000W	900W	700W
	1500W	1250W	1000W
	2000W	1800W	1500W
<b>Magnetic low-voltage<sup>1</sup></b>			
Dimmers	600 VA/450 W	600 VA/450 W	500 VA/400 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
	2000 VA/1600 W	1800 VA/1500 W	1500 VA/1200 W
<b>Electronic low-voltage</b>			
Dimmers	450W	400W	350W
<b>Fluorescent</b>			
Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®			
Nova	16A	no derating	no derating
	8A	no derating	no derating
	6A	no derating	no derating
0-10VDC control	60 ballasts/16A	no derating	no derating
Tu-Wire®	5A	4A	3.3A
<b>Fan controls</b>			
Fully variable	6A	5.5A	5A
	12A	11A	10A

Controls must have side sections removed to gang if using VWP wallplates.

<sup>1</sup>Recommended 40W minimum load.

COPY FOR EACH USE

## Multi-gang Worksheet (1-6 Gang Installation)

For use with Vareo®, NovaT<sup>☆</sup>® and Nova®  
 Outline wallplate gang size below with a marker (cross out the rest)

Wallplate Thickness:  Thin Profile Vareo®/NovaT<sup>☆</sup>® **or**  Heavy Duty Nova®  
 Wallplate Width:  FB (Fins Broken) **or**  NFB (No Fins Broken)

	Position 1	Position 2	Position 3	Position 4	Position 5	Position 6
Load Type						
Load Size W/A/A						
Number of Fins Removed						
Control Model Number						
Full Rating (No Fins Broken)						
Derated Capacity (Fins Broken)						
Small or Large Control						
Wallplate Insert Code						
Interface (if needed)						

**Wallplate Model #:** \_\_\_\_\_  
**Wallplate Color:** \_\_\_\_\_  
**Customization:**  Engraving  Custom Color  Silk Screen  
**Backbox Configurations:** \_\_\_\_\_

Vertical Installations  
4.5" Required

No Fins Broken  
Fins Broken

**Mixing Small and Large Controls**  
Group large controls together on one end of the wallplate. Do not alternate large and small controls.

Sm  Lg  Sm  Lg  Sm  Lg  Sm  Lg  
 Sm  Lg  Sm  Lg  Sm  Lg  Sm  Lg

**Mixing Small and Large Controls**  
Group large controls together on one end of the wallplate. Do not alternate large and small controls.

Sm  Lg  Sm  Lg  Sm  Lg  Sm  Lg  
 Sm  Lg  Sm  Lg  Sm  Lg  Sm  Lg

<b>LUTRON®</b>	Project Name: _____ Room: _____ Control Address #: _____ P.O. #: _____
FAX East: 610.282.8321 Coopersburg, PA 18036 Phone: 1.888.LUTRON1	FAX West: 610.282.6412 Lutron Order #: _____ Lutron Job #: _____

For additional information use the Wallplate Selector tool located on the Lutron® website at [www.lutron.com/lutron/wallplate](http://www.lutron.com/lutron/wallplate).