Shown actual size: Maestro Wireless dimmer and 1-gang Claro wallplate in White (WH), with a Pico wireless control in White/Gray (WG).

Shown actual size: Pico wireless control in White/Gray (WG), W: 1.25 in (31.75 mm) x H: 2.625 in (66.68 mm) x D: .33 in (8 mm).

Product family features

- Uses Lutron's Clear Connect™ Radio Frequency (RF) Technology which provides reliable RF communication
- Typical range of Pico™ wireless control is 100 ft line-of-sight, 30 ft through walls and floors
- True multi-location dimming from every location
- Tap on to favorite level; tap off; tap twice for full on
- Touch rocker to adjust light level
- Delayed off provides light as you exit the room
- Line frequency compensation maintains stable light levels, despite power line frequency and voltage variations
- Combine devices to create a system of up to ten wireless devices, dimmers, switches, sensors and/or wireless controllers
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Battery included with wireless controllers
- 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)
- Wireless multi-location dimming (up to ten locations)

Direct load type compatibility

- Incandescent/halogen lighting
- Magnetic low-voltage lighting
- Fluorescent lighting
- LED lighting

Load type requiring load interface

- Electronic low-voltage lighting

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

Available finishes

Use **BOLD** color code in model number (Example: MRF2-600M-**PD**)

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/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

Dimmers, switches and companion dimmers/switches

Wireless dimmers

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

Companion dimmers

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

Wireless switches

- Tap switch on/off
- For multi-location switching, use Maestro Wireless® switch with Maestro companion switches

Companion switches

- For use with multi-location switches only, use up to nine Maestro Wireless companion switches with one Maestro Wireless multi-location switch

Sensors and lamp dimmers

Radio Powr Savr™ wireless occupancy/vacancy sensors

- Automatically turns lights on and/or off based on space occupancy
- Uses Lutron's reliable Clear Connect™ Radio Frequency (RF) Technology
- Eliminates power pack and wiring expense
- Wall controls remain fully operable during automatic shut-off by sensor
- Battery included (10 year battery life)
- See pg. 144 for further details

Radio Powr Savr™ wireless daylight sensors

- Automatically adjusts electric lighting levels based on amount of daylight entering a space
- Uses Lutron's reliable Clear Connect™ Radio Frequency (RF) Technology
- Battery included (10 year battery life)
- See pg. 146 for further details

Plug-in wireless table top lamp dimmers

- For use with table and floor lamps only
- Easy to install, requires no wiring or tools
- Cord is 6 ft (1.8 m) long

Plug-in wireless lamp and appliance modules

- Dimming module designed to control table and floor lamps
- Appliance module recommended for computers, printers, lamps and fans
- Cord is 2 ft (0.61 m) long

Wireless controls and accessories

Pico™ wireless controls (3-button with raise/lower)

- Recalls favorite light levels for up to nine dimmers, plus on/off and adjust for fine tuning of light levels
- "On," "Adjust," "Preset" and "Off" functions from a range of up to 100 ft
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Pico wireless controls (2-button with raise/lower)

- "On," "Raise/lower" and "Off" functions from a range of up to 100 ft
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Pico wireless controls (3-button)

- "On," "Preset" and "Off" functions from a range of up to 100 ft
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Pico wireless controls (2-button)

- Simplified all on and off buttons that are easy to understand
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Available finishes

Use **BOLD** color code in model number (Example: MRF2-3BRL-**BL**)
For use with 3-button with raise/lower, 3-button, 2-button with raise/lower and 2-button models.

Gloss finishes

WG White/ Gray
WH White
LA Light Almond
AL Almond
IV Ivory
GR Gray
BR Brown
BL Black

Wireless control accessories

Wallplates

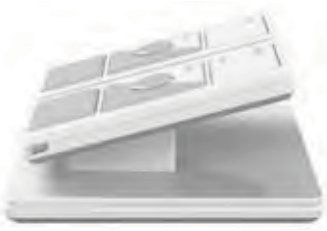
- Use Claro® wallplates for a wall-mounted application, see pg. 160 for colors
- Single, dual and multi-gang configurations available
- Surface mount at any location (no wallbox required)

Pedestals

- The pedestal is available in a single or dual configuration for using the Pico as a tabletop control
- Available in White (WH) or Black (BL)

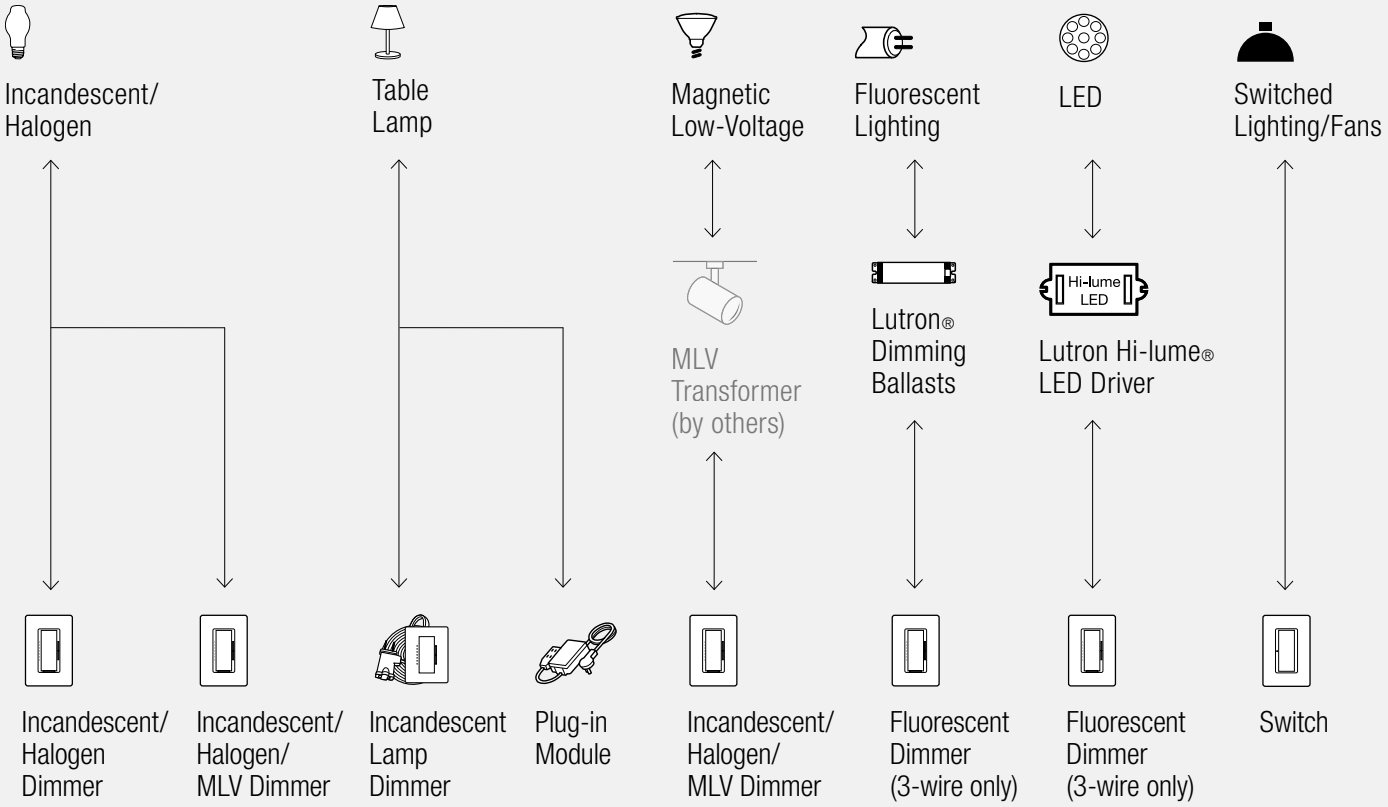
Single pedestal configuration

Dual pedestal configuration



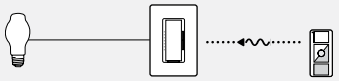
Connections overview

Load connections*

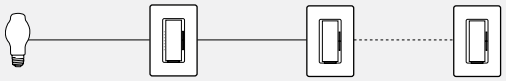


Control types (for 2 or more locations)

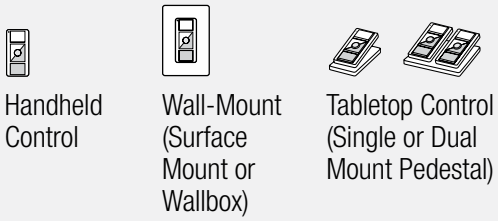
Dim from multiple-locations (up to 10)



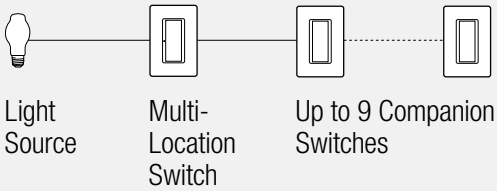
Dim from multiple-locations (up to 10)



Pico mounting options



Switch from multiple-locations (up to 10)



For more information on ballasts, visit **www.lutron.com/ballasts**.
For more information on LED drivers, visit **www.lutron.com/LED**.

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

Dimmer model numbers

Incandescent/halogen dimmers

Digital fade dimmers†

Multi-location/single-pole 120V 600W	MRF2-600M-**CC**[1]

Incandescent/halogen or Magnetic low-voltage dimmers

Digital fade dimmer†

Multi-location/single-pole 120V 600W/VA	MRF2-6MLV-**CC**[1]

Digital fade dimmers—specification grade

Multi-location/single-pole*† 120V 600W/VA	MRF2-6ND-120-**CC**[1]
Multi-location/single-pole† 120V 1000W/VA	MRF2-10D-120-**CC**[1]

The stated W (Watt) rating is the maximum incandescent lamp load. Ratings for MLV loads represent the maximum of the total lamp wattage plus MLV transformer loss (typically 20%).

3-wire fluorescent dimmers*

Digital fade dimmer

Multi-location/single-pole 120/277V 6A	MRF2-F6AN-DV-**CC**[1]

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

Also compatible with Hi-lume® LED driver.

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

Digital fade dimmer

Multi-location/single-pole 120/277V 6A	MRF2-F6AN-DV-**CC**[1]

For use with Hi-lume LED driver only.

For more information on Hi-lume LED drivers, visit **www.lutron.com/HilumeLED**.

Low-end trim available via advanced programming.

Plug-in lamp dimmer and plug-in module model numbers

Plug-in wireless table top lamp dimmer

Plug-in lamp dimmer

120V 300W	MRF2-3LD-**EE**[4]

Rated for: incandescent/halogen.

Plug-in wireless module

Plug-in lamp dimmer module

1 receptacle 120V 300W	MRF2-3PD-1-**EE**[4]
3 receptacles 120V 300W	MRF2-3PD-3-**EE**[4]

10 Watt minimum load.

Rated for: incandescent/halogen and magnetic low-voltage.

Can be converted to a switch for lighting loads.

Plug-in appliance module

1 receptacle 120V 15A 1/2HP	MRF2-15APS-1-**EE**[4]

CC[1]: Gloss and Satin color codes, see pg. 69 (Wallplates not included, order separately, see pg. 160)

EE[4]: Available in White (WH) and Black (BL)

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

*__Requires neutral wire connection__.

†Minimum load is 50W/VA.

Switch model numbers

Switches

Digital switch*

Multi-location/single-pole 120V 6A light or 3A fan	MRF2-6ANS-**CC**[1]

Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, general purpose fans and most non-dim LED drivers.

Switches—specification grade

Multi-location/single-pole* 120V 8A light or 5.8A fan	MRF2-8ANS-120-**CC**[1]
Multi-location/single-pole** 120V 8A light or 3A fan or 1/4HP motor 277V 8A light or 3A fan	MRF2-8S-DV-**CC**[1]

Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, non-dim LED drivers, general purpose fans and most non-dim LED drivers.

Companion controls model numbers

Companion controls

Companion dimmers

Companion dimmer	MA-R-**CC**[3]
120V	MSC-AD-**CC**[4]
Companion dimmer	MA-R-277-**CC**[3]
277V	MSC-AD-277-**CC**[4]

No derating required if ganged.

Companion switches

Companion switch	MA-AS-**CC**[3]
120V	MSC-AS-**CC**[4]
Companion switch	MA-AS-277-**CC**[3]
277V	MSC-AS-277-**CC**[4]

No derating required if ganged.

CC[1]: Gloss and Satin color codes, see pg. 69
CC[3]: Gloss color codes, see pg. 69
CC[4]: Satin color codes, see pg. 69
(Wallplates not included with above, order separately, see pg. 160)

EE[4]: Available in White (WH) and Black (BL)

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

*__Requires neutral wire connection__.
**Minimum load is 40W/VA.

Sensor model numbers

Sensors

Radio Powr Savr™ ceiling mount wireless sensors	
Occupancy/vacancy sensor	LRF2-OCRB-P-**EE**[3]
Vacancy sensor	LRF2-VCRB-**EE**[3]

Radio Powr Savr™ wall-mount wireless sensors	
Occupancy/vacancy sensor 180° wall-mount	LRF2-OWLB-P-WH
Vacancy sensor 180° wall-mount	LRF2-VWLB-P-WH
Occupancy/vacancy sensor 90° corner-mount	LRF2-OKLB-P-WH
Vacancy sensor 90° corner-mount	LRF2-VKLB-P-WH
Occupancy/vacancy sensor Hallway	LRF2-OHLB-P-WH
Vacancy sensor Hallway	LRF2-VHLB-P-WH

Communicates with up to nine dimmers and switches.

Add up to three sensors for maximum coverage.

For compatibility with other systems, visit **www.lutron.com/occsensors**.

Radio Powr Savr™ wireless daylight sensor	
Daylight sensor	LRF2-DCRB-WH

Wireless controls and accessories model numbers

Wireless controls

Pico™ wireless controls	
3-button with raise/lower	MRF2-3BRL-L-**FF**[1]
2-button with raise/lower	MRF2-2BRL-L-**FF**[1]
3-button with "Preset" button	MRF2-3B-L-**FF**[1]
3-button with "Welcome" button	MRF2-3B-L-**FF**[1]-E01
2-button	MRF2-2B-L-**FF**[1]

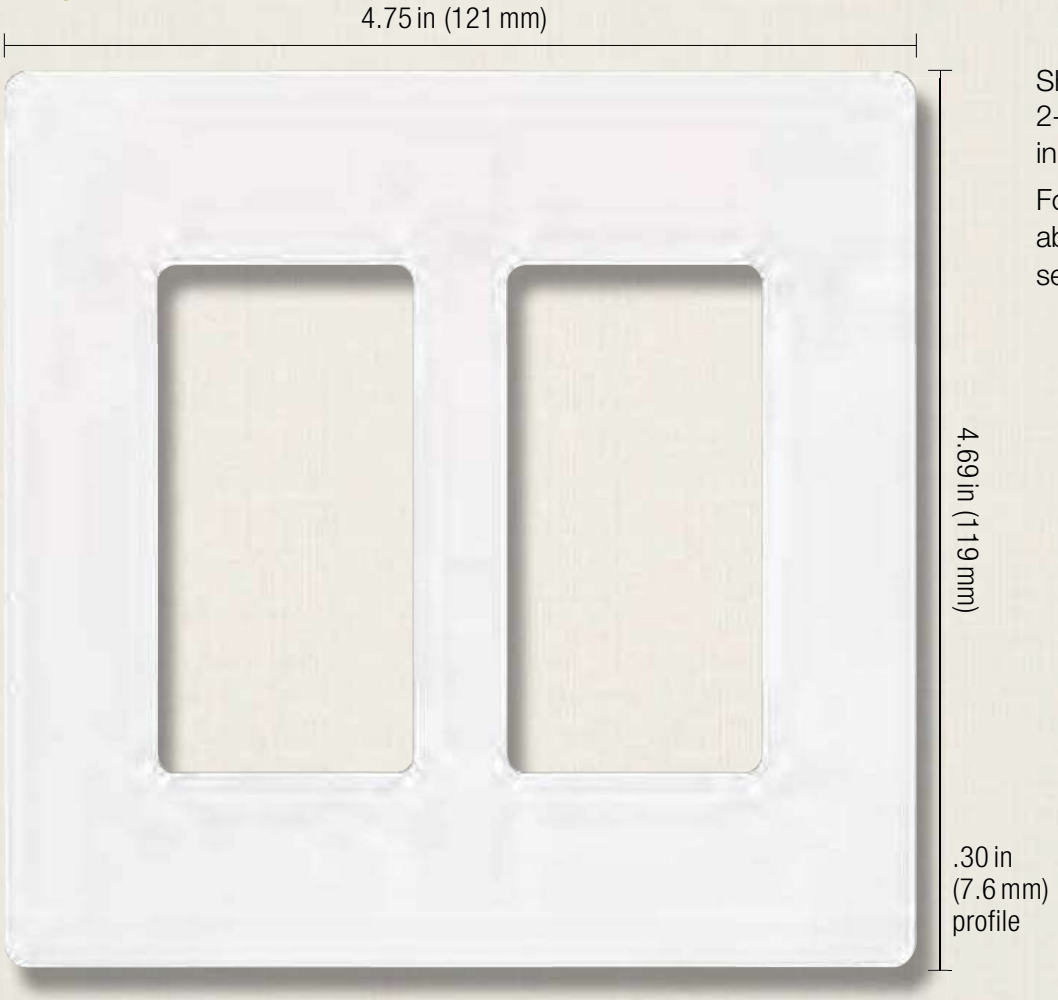
Accessories

Pedestals	
Single pedestal	L-PED1-**EE**[4]
Double pedestal	L-PED2-**EE**[4]

Pico faceplate adapter kit	
Faceplate kit	PICO-FP-ADAPT

EE[3]: Available in White (WH), Light Almond (LA) and Black (BL)
EE[4]: Available in White (WH) and Black (BL)
FF[1]: Pico color codes, see pg. 71

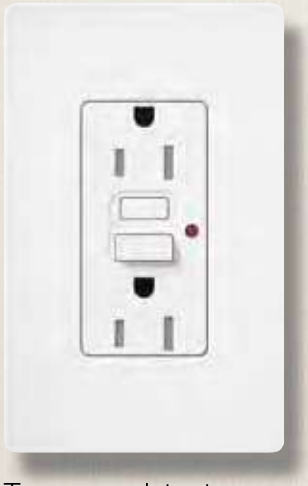
Wallplates



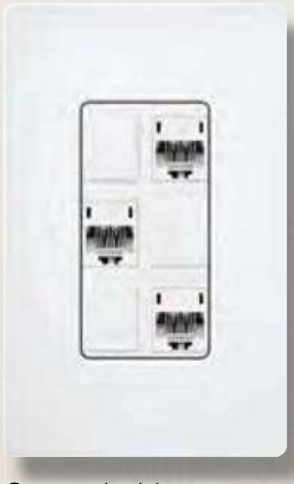
Shown actual size:
2-gang Claro® wallplate in White (WH).

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

Coordinated electrical devices



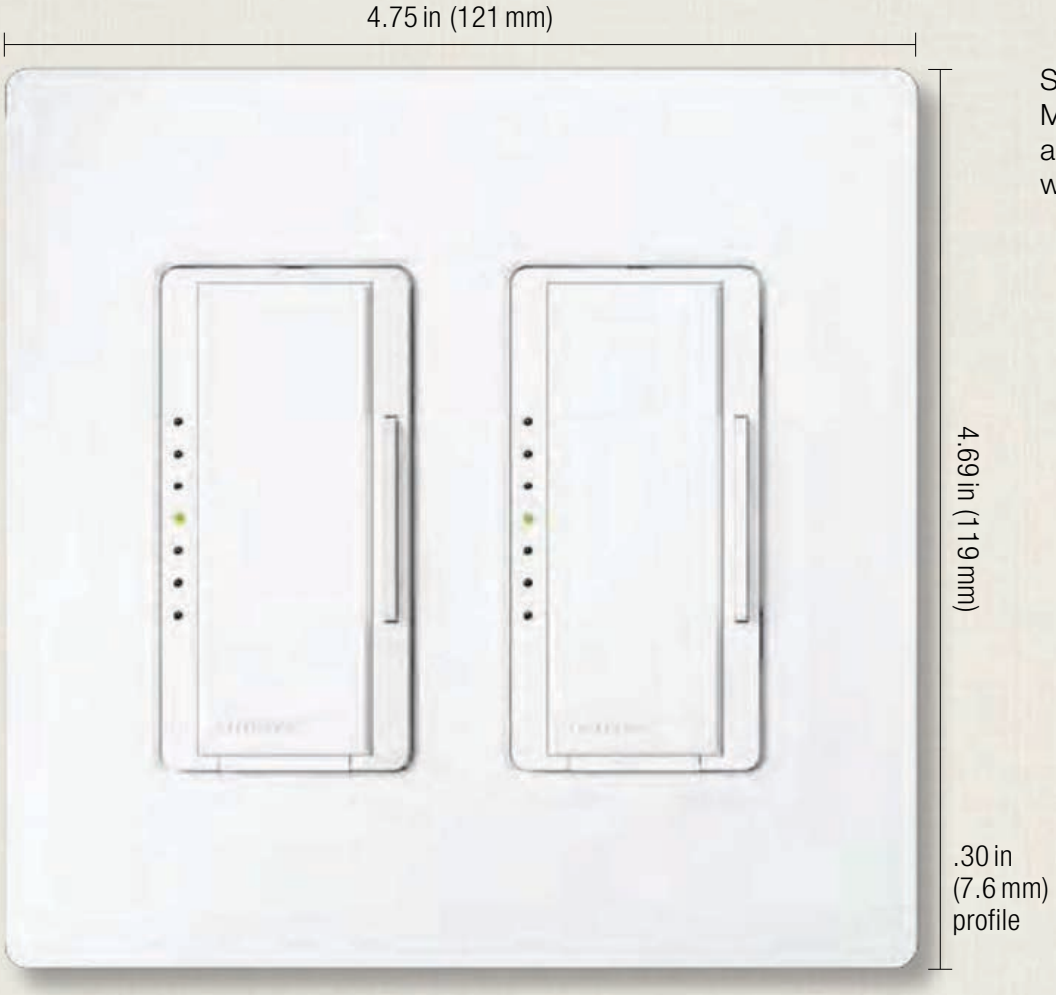
Tamper resistant GFCI receptacle



Customizable 6-port frame

Cable jack

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



Shown actual size: Maestro dimmers and 2-gang Claro wallplate in White (WH).

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

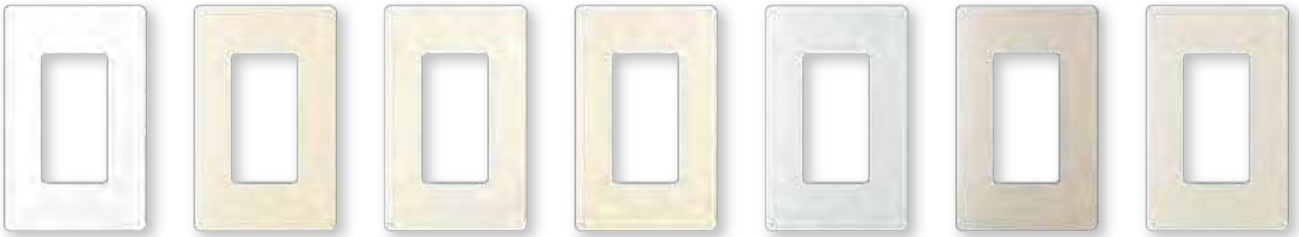
Available finishes

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

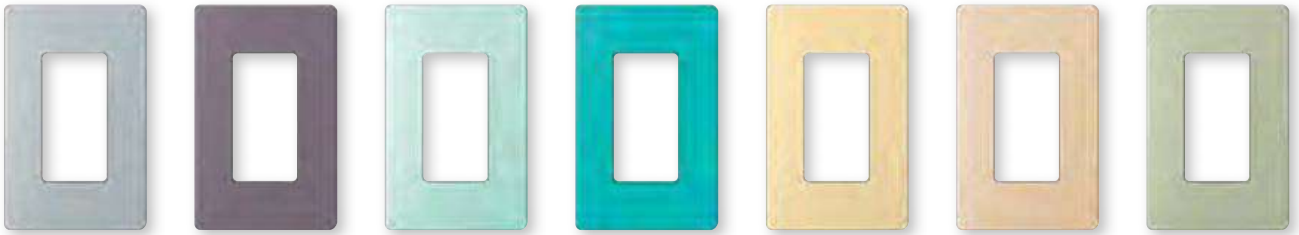
Gloss finishes

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

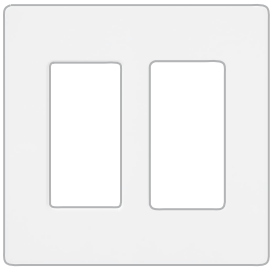
MS Mocha Stone
TC Terracotta
SI Sienna
HT Hot
MR Merlot
MN Midnight
SS Stainless Steel*

*Stainless Steel finish wallplates include black plastic trim/adapter, 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™

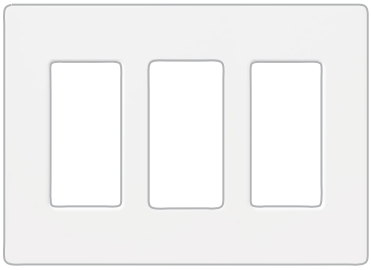
1-gang* CW-1-**CC²**
SC-1-**CC⁴**

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



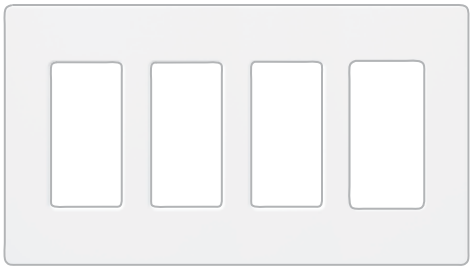
2-gang* CW-2-**CC²**
SC-2-**CC⁴**

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



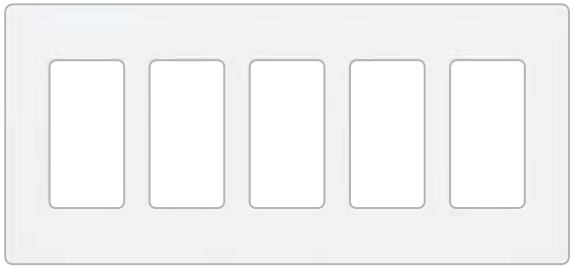
3-gang* CW-3-**CC²**
SC-3-**CC⁴**

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



4-gang* CW-4-**CC²**
SC-4-**CC⁴**

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



5-gang* CW-5-**CC²**
SC-5-**CC⁴**

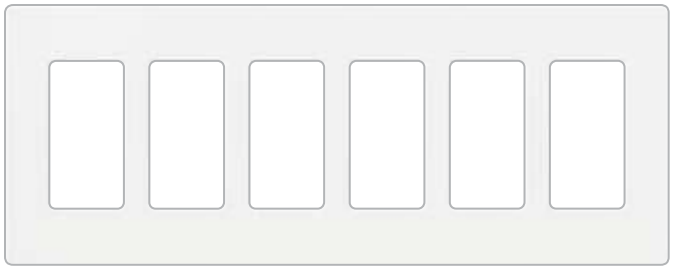
W: 10.18 in (259 mm); H: 4.69 in (119 mm);
D: .30 in (7.6 mm)

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**.

CC²: Gloss and Stainless Steel color codes, see pg. 161
CC⁴: Satin color codes, see pg. 161

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

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



6-gang*	CW-6-**CC**[2] SC-6-**CC**[4]

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

Cable jacks

- F-style, 75-Ohm coaxial cable

Single cable jack*	CA-CJH-**CC**[3] SC-CJ-**CC**[4]

Telephone jacks

- 6-conductor telephone jack, RJ11

Single telephone jack*	CA-PJH-**CC**[3] SC-PJ-**CC**[4]

CC[2]: Gloss and Stainless Steel color codes, see pg. 161
CC[3]: Gloss color codes, see pg. 161
CC[4]: Satin color codes, see pg. 161

Receptacles

Tamper resistant receptacles

15 A, 125 V*	CARS-15-TR-**CC**[3] SCRS-15-TR-**CC**[4]
20 A, 125 V*	SCRS-20-TR-**CC**[4]

Receptacles

15 A, 125 V*	CAR-15 H-**CC**[3] SCR-15-**CC**[4]
20 A, 125 V*	SCR-20-**CC**[4]

GFCI Receptacles

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

Tamper resistant GFCI receptacles

15 A, 125 V*	GFCI	CAR-15-GFTR-**CC**[3] SCR-15-GFTR-**CC**[4]
20 A, 125 V*	GFCI	SCR-20-GFTR-**CC**[4]

*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	120/125 V*	CAR-15-DFDU-**CC²**
15 A	120/125 V*	SCR-15-DFDU-**CC⁴**
20 A	120/125 V*	CAR-20-DFDU-**CC²**
20 A	120/125 V*	SCR-20-DFDU-**CC⁴**

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	120/125 V*	CAR-15-HFDU-**CC²**
15 A	120/125 V*	SCR-15-HFDU-**CC⁴**
20 A	120/125 V*	CAR-20-HFDU-**CC²**
20 A	120/125 V*	SCR-20-HFDU-**CC⁴**

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	120/125 V*	CAR-15-DDTR-**CC²**
15 A	120/125 V*	SCR-15-DDTR-**CC⁴**
20 A	120/125 V*	CAR-20-DDTR-**CC²**
20 A	120/125 V*	SCR-20-DDTR-**CC⁴**

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	120/125 V*	CAR-15-HDTR-**CC²**
15 A	120/125 V*	SCR-15-HDTR-**CC⁴**
20 A	120/125 V*	CAR-20-HDTR-**CC²**
20 A	120/125 V*	SCR-20-HDTR-**CC⁴**

CC²: Gloss color code and Stainless Steel, see pg. 161
CC⁴: 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

120/125 V White	RP-FDU-10-WH
120/125 V 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**.

CC²: Gloss color code and Stainless Steel, see pg. 161
CC⁴: 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-**CC**[3] SC-6PF-**CC**[4]

Connectors for 6-port frame

Telephone/network jacks

8-conductor, RJ45 category 3	CON-1P-C3-**EE**[4]
8-conductor, RJ45 category 5e	CON-1P-C5E-**EE**[4]
8-conductor, RJ45 category 6	CON-1P-C6-**EE**[4]

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-**EE**[4]

BNC jack

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

Connectors only for use with 6-port frame.

Switches

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

General purpose switches (120/277V)

Single-pole	15A*	CA-1PSH-**CC**[3] SC-1PS-**CC**[4]
3-way	15A*	CA-3PSH-**CC**[3] SC-3PS-**CC**[4]
4-way	15A*	CA-4PSH-**CC**[3] SC-4PS-**CC**[4]

General purpose switch with locator light (120V only)

Single-pole	15A*	CA-1PSNL-**EE**[2] SC-1PSNL-**EE**[10]
3-way	15A*	CA-3PSNL-**EE**[2] SC-3PSNL-**EE**[10]
4-way	15A*	CA-4PSNL-**EE**[2] SC-4PSNL-**EE**[10]

CC[3]: Gloss color codes, see pg. 161
CC[4]: Satin color codes, see pg. 161
EE[2]: Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH)
EE[4]: Only available in White (WH) and Black (BL)
EE[10]: 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

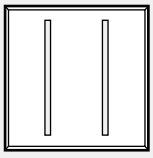
Custom ganging for Architectural style controls

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:

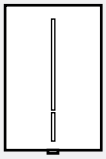
- May require customized, wider-than-standard wallplates
- May require wider-than-standard electrical backboxes
- Allows full capacity ("No Fins Broken") ganging
- Required for Nova® dimmers and for larger width (high capacity) architectural controls
- Visit **www.lutron.com/customganging** for additional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

Standard ganging for dimmers, switches and accessories

New Architectural



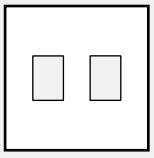
pg. 148



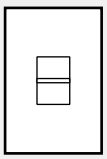
Vierti®

Derating Table 1
pg. 172

Architectural



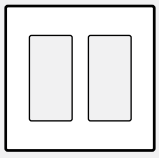
pg. 152



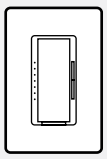
Vareo®
Nova T☆®

Derating Table 2
pg. 173

Designer



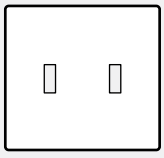
pg. 160



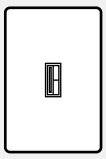
Maestro®
Maestro IR®
Maestro Wireless®
Spacer System®
Diva®
Lyneo® Lx
Skylark®
Skylark Contour™

Derating Table 1
pg. 172

Traditional



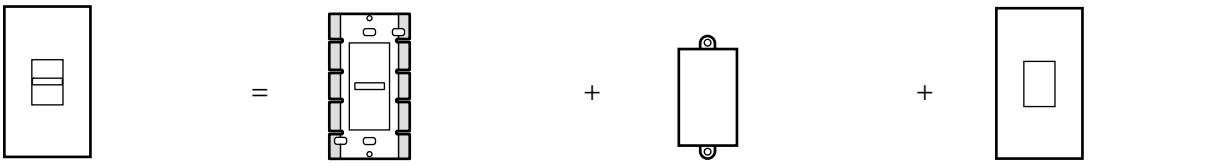
pg. 166



Abella®
Ceana®
Ariadni®
Glyder®
Rotary

Derating Table 1
pg. 172

Standard ganging and fins broken derating examples:

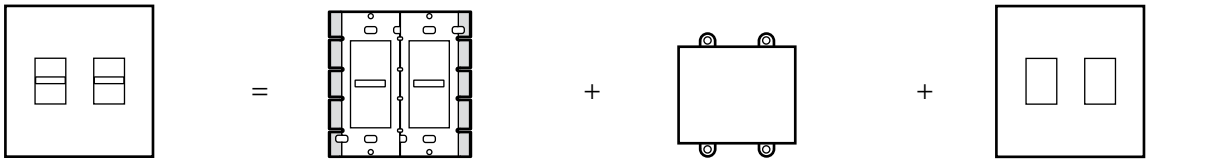


One Nova T☆® dimmer

No fins broken
Full capacity

Standard 1-gang backbox

Standard 1-gang architectural wallplate

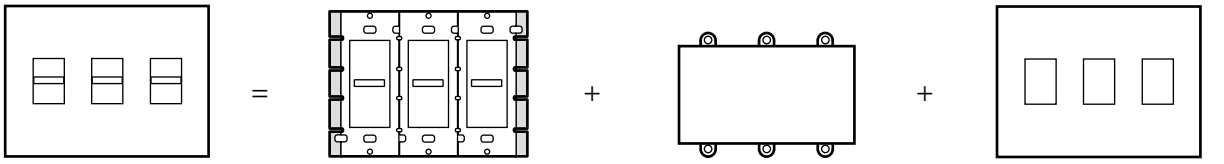


Two Nova T☆ dimmers
"Fins Broken" ganging

One fin broken*
Partial derating

Standard 2-gang backbox

Standard 2-gang architectural wallplate



Three Nova T☆ dimmers
"Fins Broken" ganging

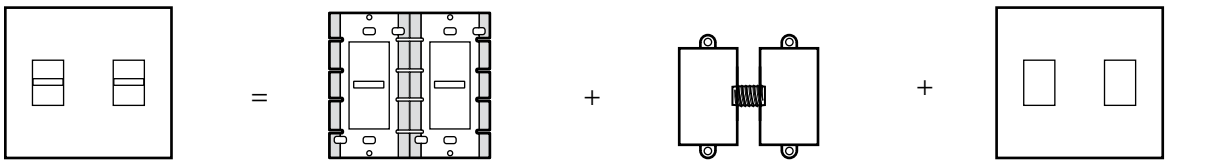
Inside: Two fins broken*
Full derating

Outside: One fin broken*
Partial derating

Standard 3-gang backbox

Standard 3-gang architectural wallplate

Custom Architectural ganging example:



Two Nova T☆ dimmers
"No Fins Broken" ganging

No fins broken
Full capacity

Backbox with chase nipple

Custom architectural wallplate

For further information on ganging and derating, visit **www.lutron.com/multigang**.

*The fins are scored and designed to be removed easily.

Derating Table 1

New Architectural | Vierti®
Designer | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®
Traditional | Abella®, Ceana®, Ariadni®, Glyder®, Rotary

	 No fins broken	 1 fin broken	 2 fins broken
Incandescent			
Dimmers	600W	500W	400W
	1000W	800W	650W
Dual dimmers	300W	250W	200W
	300W	250W	200W
Magnetic low-voltage			
Dimmers	600VA/450W	500VA/400W	400VA/300W
	1000VA/800W	800VA/650W	650VA/500W
Electronic low-voltage			
Dimmers	300W	250W	200W
	500W	450W	400W
	600W	500W	400W
Fluorescent			
Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®			
Vierti	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
Fan controls			
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
Fan/light controls			
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
Electronic switches			
Vierti	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☆®

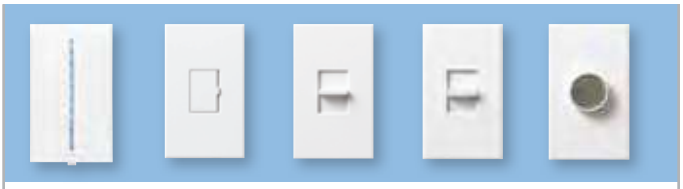
	 No fins broken	 1 fin broken	 2 fins broken
Incandescent			
Dimmers	600W	500W	300W
	1000W	900W	700W
	1500W	1250W	1000W
	1950W	–	–
Magnetic low-voltage			
Dimmers	600VA/450W	500VA/400W	300VA/250W
	1000VA/800W	900VA/750W	700VA/500W
	1500VA/1200W	1250VA/1000W	1000VA/800W
Electronic low-voltage			
Dimmers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

For further information on ganging Nova®, visit **www.lutron.com/customganging**.

[1]PowerPack required for line voltage switching.
[2]VETS-R-Auxiliary electronic tapswitches do not require derating.

Dimmer capabilities and interface requirements

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



Dimmers	capacity†	Vierti®* pg. 14	Vareo® pg. 20	Nova T☆® pg. 26	Nova® pg. 34	Centurion® pg. 42
Incandescent/halogen 120V	600W			Ⓜ		
	1000W			Ⓜ		
	1500W		WBX			
	2000W		WBX			
Magnetic low-voltage 120V	600VA (450W)					
	1000VA (800W)					
	1500VA (1200W)		WBX			
	2000VA (1600W)		WBX	WBX		
Magnetic low-voltage 277V	600VA (450W)		WBX		WBX	
	1000VA (800W)		WBX		WBX	
Electronic low-voltage 120V	300W		WBX			
	450W		WBX	WBX		
	600W		WBX		WBX	
Electronic low-voltage 277V	16A		WBX	WBX	WBX	
Neon/cold cathode			WBX	WBX		
3-wire ballasts and Hi-lume® LED driver 120V	6A					
Hi-lume, Hi-lume Compact SE,	8A					
Eco-10® and EcoSystem® ballasts	16A		3F			
3-wire ballasts and Hi-lume LED driver 277V	6A		3F			
Hi-lume, Hi-lume Compact SE,	8A		3F			
Eco-10 and EcoSystem ballasts	16A		3F	3F	3F	
Tu-Wire® ballasts 120V	5A		PA			
0-10VDC (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

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

Dimmers	capacity†	Maestro® pg. 46	Maestro IR® pg. 60	Maestro Wireless® pg. 68	Spacer System® pg. 76	Diva® pg. 86
		Ⓜ	Ⓜ	Ⓜ	Ⓜ	
Incandescent/halogen 120V	600W	Ⓔ				Ⓔ
	1000W					
	1500W	WBX		WBX	WBX	WBX
	2000W	WBX		WBX	WBX	WBX
Magnetic low-voltage 120V	600VA (450W)					
	1000VA (800W)					
	1500VA (1200W)	WBX		WBX	WBX	WBX
	2000VA (1600W)	WBX		WBX	WBX	WBX
Magnetic low-voltage 277V	600VA (450W)	WBX		WBX	WBX	WBX
	1000VA (800W)	WBX		WBX	WBX	WBX
Electronic low-voltage 120V	300W			WBX		
	450W			WBX		WBX
	600W			WBX		WBX
Electronic low-voltage 277V	16A	WBX		WBX	WBX	WBX
Neon/cold cathode				WBX		WBX
3-wire ballasts and Hi-lume® LED driver 120V	6A					
Hi-lume, Hi-lume Compact SE,	8A	3F		3F	3F	
Eco-10® and EcoSystem® ballasts	16A	3F		3F	3F	3F
3-wire ballasts and Hi-lume LED driver 277V	6A					
Hi-lume, Hi-lume Compact SE,	8A	3F		3F	3F	3F
Eco-10 and EcoSystem ballasts	16A	3F		3F	3F	3F
Tu-Wire® ballasts 120V	5A	PA		PA		
0-10VDC (ballasts or LED Drivers) 120/277V	16A	TVI		TVI	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.

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

Dimmer capabilities and interface requirements

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

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

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

Dimmer capabilities and interface requirements

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

Ceana® pg. 120	Ariadni® pg. 124	Glyder® pg. 130	Rotary pg. 134

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

†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)		**0-10 VDC Ballasts or LED drivers** (120/277 V)	
	WBX 		**3F** 		**TVI** 	
	Wallbox Phase Adaptive Power Module* PHPM-WBX-DV-WH		Fluorescent Power Module* PHPM-3F-DV-WH		0-10 V Interface GRX-TVI	
Dimmer Family	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, 120 V 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)	
	PA 		**SW** 	
	Phase Adaptive Power Module* PHPM-PA-DV-WH		Switching Power Module* PHPM-SW-DV-WH	
Dimmer Family	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	

Use only dimmer model numbers listed.

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

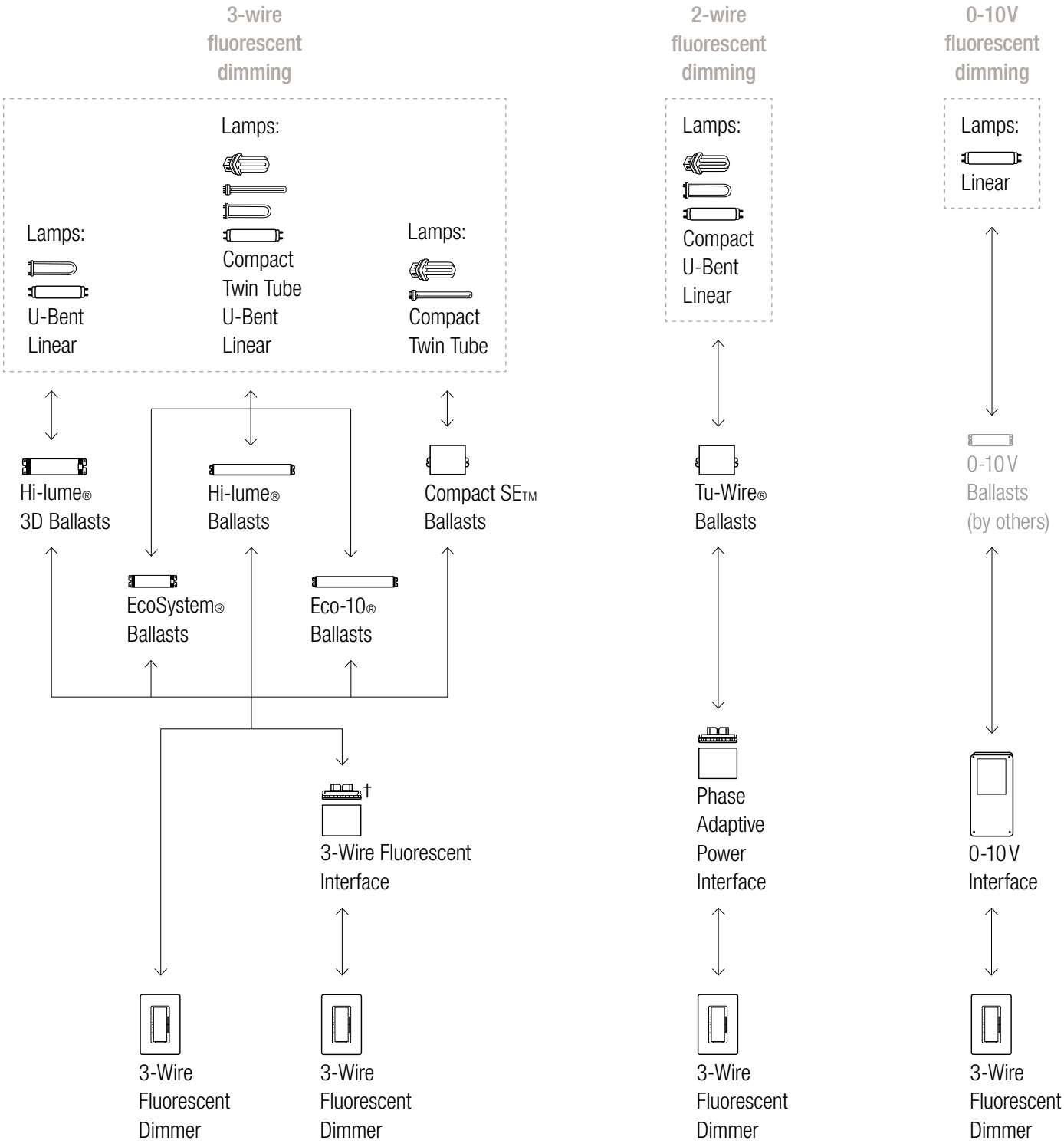
Technical notes

- 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: 6.30in x H: 5.10in)
- GRX-TVI enclosure is surface mount only (W: 6.10in x H: 12.50in x D: 3.30in)

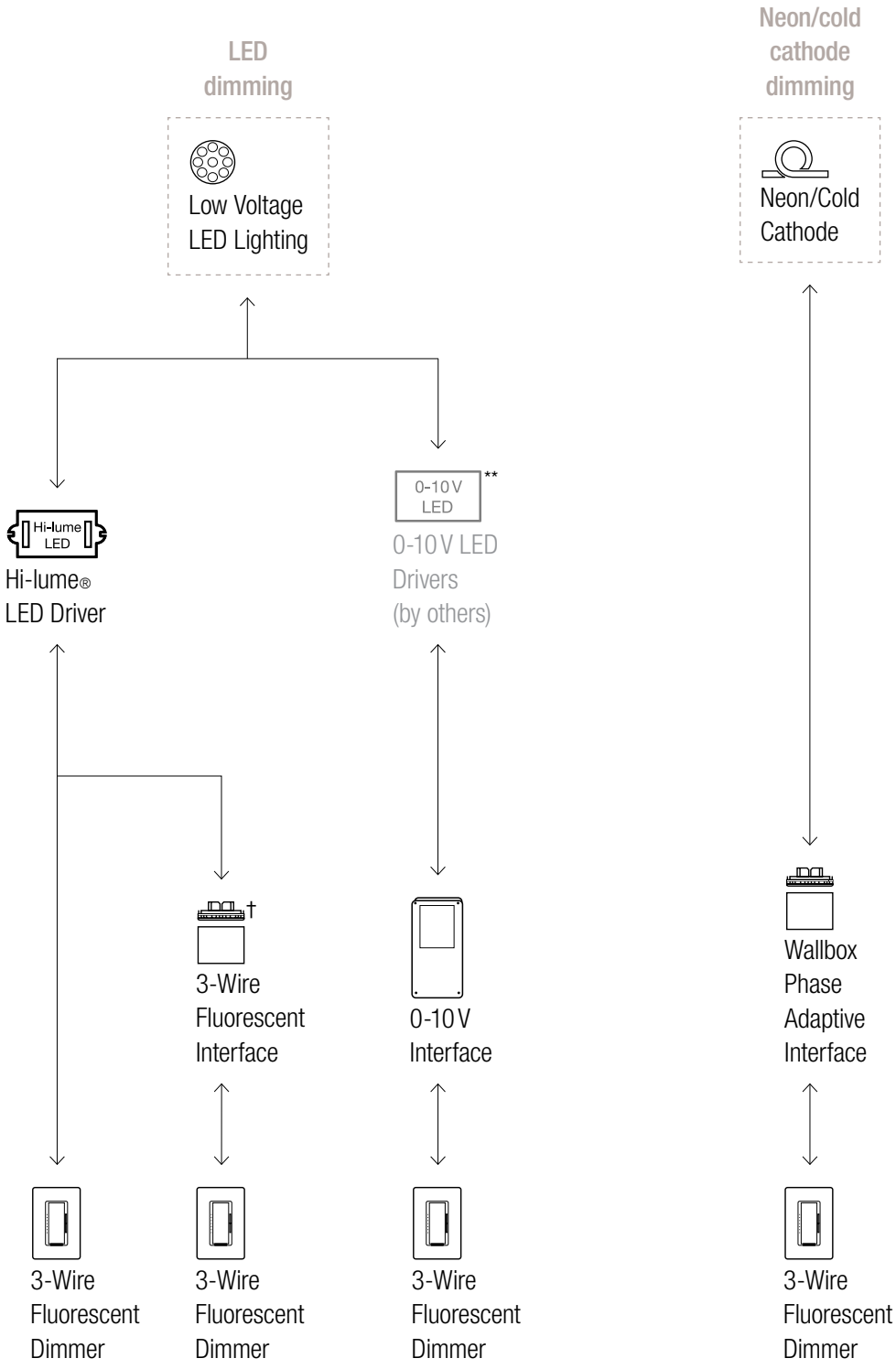
Maestro Wireless®



For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For ballast information, visit **www.lutron.com/ballasts**.

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

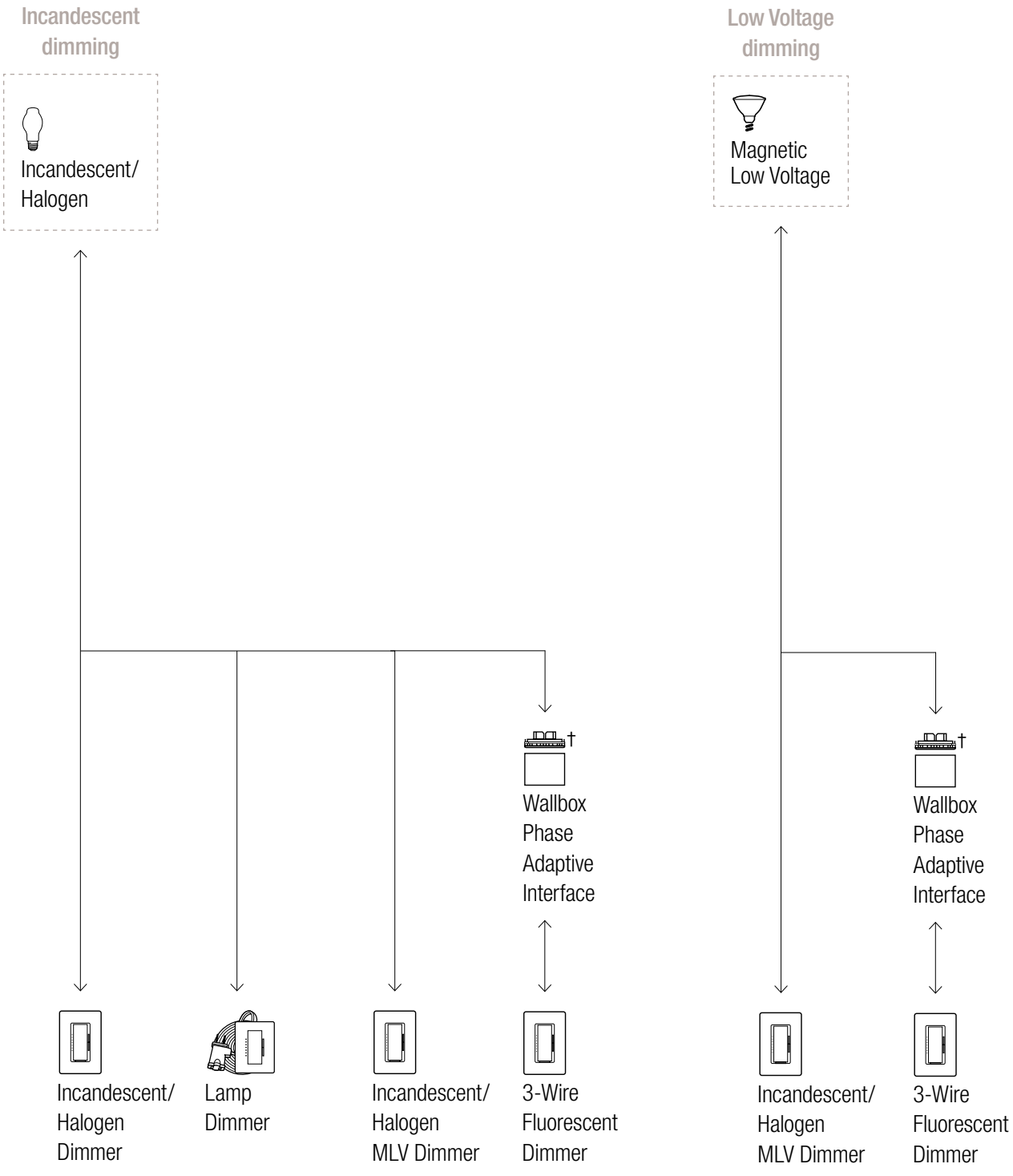
Maestro Wireless®



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**.

Consult **www.lutron.com/LED for compatible 0-10V LED drivers.
†Interface provides additional capacity and/or may be different voltage than dimmer.

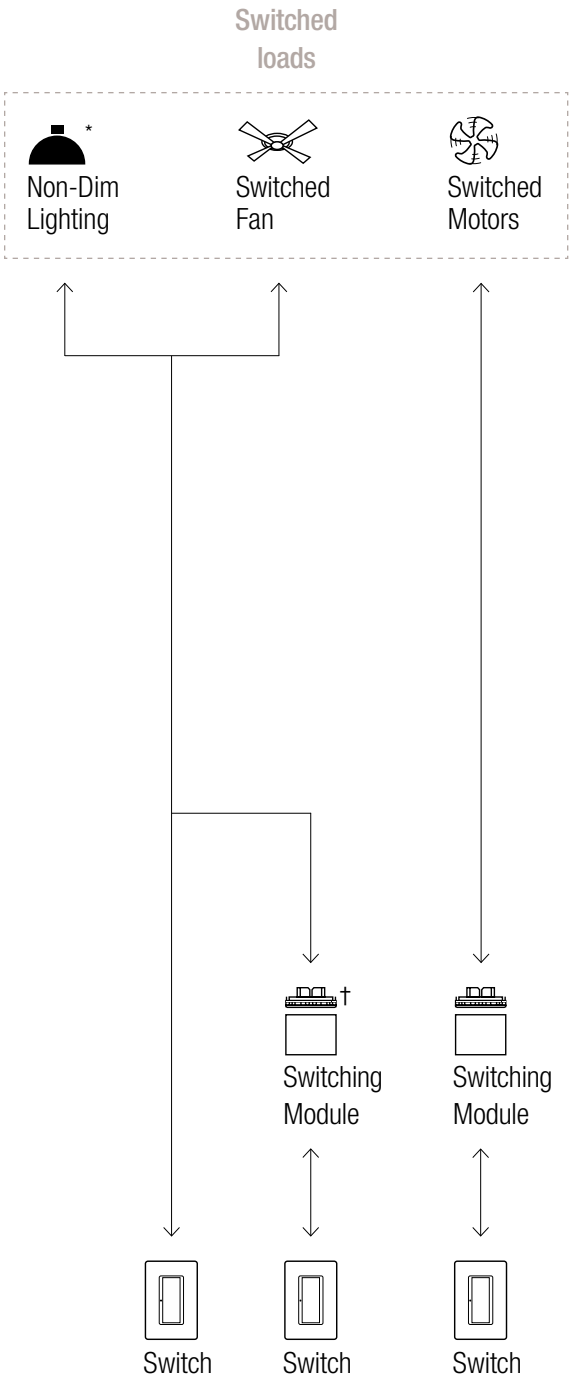
Maestro Wireless®



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**.

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

Maestro Wireless®



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**.

*Refer to pg. 74 for specific load type.
†Interface provides additional capacity and/or may be different voltage than dimmer.