



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







Product family features

- Matches existing switches
- Toggle-style switch turns light on to level set by slider
- Slide adjusts light to your favorite level
- eco-dim® model available
- 1000W preset dimmers have voltage compensation which maintains stable light levels, despite line voltage variations
- 100% factory tested
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

Control types

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

Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Ceiling fans
-  Ceiling fan/lights

Load type requiring load interface

-  Electronic low-voltage lighting
-  Neon/cold cathode lighting

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

For additional information, see pg. 174.

Available finishes

Use **BOLD** color code in model number (Example: AY-600P-**BL**)

Gloss finishes*



WH
White



LA
Light Almond



AL
Almond



IV
Ivory



BR
Brown



BL
Black



SS
Stainless Steel

*Coordinating wallplates only available separately. For wallplate information, see pg. 166.

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

Dimmers

Dimmers



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

Dimmers with locator light



- Toggle turns lights on/off
- Slide up to brighten; down to dim
- Includes amber locator light
- Not available in black

Fan and fan/light controls

Fan controls



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

Fan/light controls



Fan control (left)

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

Dimmer (right)

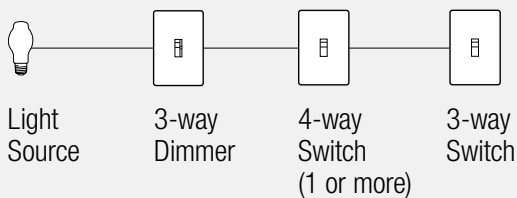
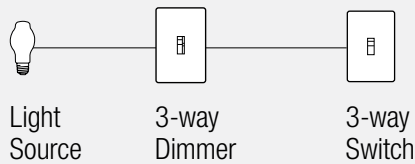
- Toggle turns light on/off
- Slide up to brighten; down to dim

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.
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**

Preset dimmers

| | |
|---------------------------|---------------------------------|
| Single-pole 120V 600W | AY-600P- CC ³ |
| Single-pole 120V 1000W | AY-10P- CC ³ |
| 3-way 120V 600W | AY-603P- CC ³ |
| 3-way 120V 1000W | AY-103P- CC ³ |

Preset dimmers with locator light

| | |
|--------------------------|-----------------------------------|
| Single-pole 120V 600W | AY-600PNL- CC ³ |
| Single-pole 1000W | AY-10PNL- CC ³ |
| 3-way 120V 600W | AY-603PNL- CC ³ |
| 3-way 120V 1000W | AY-103PNL- CC ³ |

eco-dim® preset dimmer

| | |
|--------------------------------|----------------------------------|
| 3-way/single-pole 120V 600W | AY-603PG- EE ² |
|--------------------------------|----------------------------------|

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

 **Magnetic low-voltage dimmers**

Preset dimmers

| | |
|----------------------------------|-----------------------------------|
| Single-pole 120V 600VA (450W) | AYLV-600P- CC ³ |
| 3-way 120V 600VA (450W) | AYLV-603P- CC ³ |

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.

CC³: Gloss color codes, see pg. 125
EE²: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)
 (Wallplates not included, order separately, see pg. 168)

Dimmer, fan and fan/light control model numbers

 **3-wire fluorescent dimmers***

Preset dimmers

| | |
|------------------------------|--------------------------------------|
| 3-way/single-pole 120V 8A | AYF-103P- CC ³ |
| 3-way/single-pole 277V 6A | AYF-103P-277- CC ³ |

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

Also compatible with Hi-lume® LED driver.

No derating required if ganged.

Adjustable low-end trim.

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

Preset dimmers

| | |
|------------------------------|--------------------------------------|
| 3-way/single-pole 120V 8A | AYF-103P- CC ³ |
| 3-way/single-pole 277V 6A | AYF-103P-277- CC ³ |

For use with Hi-lume LED driver only.

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

No derating required if ganged.

Adjustable low-end trim.

 **Fan control**

Fan control—quiet 3-speed

| | |
|--------------------------------|---------------------------------|
| 3-way/single-pole 120V 1.5A | AYFSQ-F- CC ³ |
|--------------------------------|---------------------------------|

 **Fan/light control**

Fan control and dimmer—quiet 3-speed

| | |
|--|----------------------------------|
| Single-pole fan control 120V 1.5A (left) | AY2-LFSQ- CC ³ |
| Single-pole dimmer 120V 300W incandescent/halogen (right) | |

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

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

*Requires neutral wire connection.

Accessories

Wallplates



Shown actual size:
2-gang Fassade®
wallplate in White (WH).
For more information
about Traditional wallplates,
see pg. 166.

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:
Abella dimmers in a
2-gang Fassada
wallplate in White (WH).

Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Abella®, Ceano®, Ariadni®, Glyder® and Rotary
- All Lutron wallplates are screwless, seamless and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Traditional wallplates can be paired with designer accessories to complete the look of any room
- Customize your traditional wallplate with engraving, contact customer service to get started at 1.888.LUTRON1

Ganging and derating

- Traditional 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: FG-1-**AL**)

Gloss finishes



WH
White



LA
Light Almond



AL
Almond



IV
Ivory



BL
Black

Metal finishes



SS
Stainless Steel*

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

Wallplates for Abella®, Ceana®, Ariadni®, Glyder® and Rotary



1-gang
Stainless Steel*
W: 2.86 in (73mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-1-**CC**³
FW-1-SS



3-gang
Stainless Steel*
W: 6.48 in (165 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-3-**CC**³
FW-3-SS



2-gang
Stainless Steel*
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-2-**CC**³
FW-2-SS

Combination opening



Rotate the wallplate for small/large or large/small opening applications.

2-gang (1 traditional,
1 designer opening)
Stainless Steel*
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-2-TD-**CC**³
FW-2-TD-SS

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.

Controls must have heat-sink fins broken for multi-gang installations. Removing this metal reduces the amount of heat that the control can dissipate, thus reducing the wattage capacity of the control. Please derate dimmers and switches as required.

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

Controls must have heat-sink fins broken for multi-gang installations. Multi-gang dimmer installations may require derating, see pg. 170.

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

CC³: Gloss color codes, see pg. 167

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

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.
 *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 |
|--|----------------|----------------|------------------|
| 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® | | | |
| 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 |
| 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 | | | |
| 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 |
|--|------------------|------------------|--------------------|
| Incandescent | | | |
| Dimmers | 600W | 500W | 300W |
| | 1000W | 900W | 700W |
| | 1500W | 1250W | 1000W |
| | 1950W | – | – |
| Magnetic low-voltage | | | |
| 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 |
| Electronic low-voltage | | | |
| Dimmers | 300W | 300W | 250W |
| | 600W | 500W | 400W |
| Fluorescent | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| 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 ¹ | 30mA ballasts | no derating | no derating |
| Tu-Wire® | 5 A | 4 A | 3.3 A |
| Fan controls | | | |
| 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 |
| Electronic tapswitches² | | | |
| 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.

¹PowerPack required for line voltage switching.

²VETS-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 | | | | |
|---|---------------------------------|------------|------------|------------|------------|-----------|
| Incandescent/halogen 120V | 600W | | | M | | |
| | 1000W | | | M | | |
| | 1500W | | WBX | | | |
| | 2000W | | WBX | | | |
| Magnetic low-voltage 120V | 600 VA (450W) | | | | | |
| | 1000 VA (800W) | | | | | |
| | 1500 VA (1200W) | | WBX | | | |
| | 2000 VA (1600W) | | WBX | WBX | | |
| Magnetic low-voltage 277V | 600 VA (450W) | | WBX | | WBX | |
| | 1000 VA (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 |
| | | | | PA | | |
| 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

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 | M | M | M | | |
|---|---|------------|-----------|------------|------------|------------|-----------|
|  Incandescent/halogen 120V | 600W | E | | | | E | |
| | 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, Eco-10® and EcoSystem® ballasts | 8A | 3F | | 3F | 3F | |
| | | 16A | 3F | | 3F | 3F | 3F |
|  3-wire ballasts and Hi-lume LED driver 277V | 6A | | | | | | |
| | Hi-lume, Hi-lume Compact SE, Eco-10 and EcoSystem ballasts | 8A | 3F | | 3F | 3F | 3F |
| | | 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

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

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† | | | | |
|--|---------------------------------|-----|------------|-----------|----------|
|  Incandescent/halogen 120V | 600W | | E | | E |
| | 1000W | | | | |
| | 1500W | | WBX | | |
| | 2000W | | WBX | | |
|  Magnetic low-voltage 120V | 600 VA (450W) | | | | |
| | 1000 VA (800W) | | | | |
| | 1500 VA (1200W) | | WBX | | |
| | 2000 VA (1600W) | | WBX | | |
|  Magnetic low-voltage 277V | 600 VA (450W) | | WBX | | |
| | 1000 VA (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)

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) | |
|------------------------|--|-------------------------|--|-------------------------|--|-------------------------|
| | WBX  | | 3F  | | TVI  | |
| | Wallbox Phase Adaptive Power Module* PHPM-WBX-DV-WH | | Fluorescent Power Module* PHPM-3F-DV-WH | | 0-10V Interface GRX-TV1 | |
| 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, 120V only versions are also available. Please see Technical notes, pg. 179.

Dimmer models/load interface compatibility

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

Technical notes

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

Interface mounting

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

Use only dimmer model numbers listed.

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

Ariadni®



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

For ballast information, visit www.lutron.com/ballasts.

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

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

Ariadni®



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.

Ariadni®



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



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

Product family features

- Matches existing switches
- Toggle-style switch turns light on to level set by slider
- Slide adjusts light to your favorite level
- eco-dim® model available
- 1000W preset dimmers have voltage compensation which maintains stable light levels, despite line voltage variations
- 100% factory tested
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

Control types

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

Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Ceiling fans
-  Ceiling fan/lights

Load type requiring load interface

-  Electronic low-voltage lighting
-  Neon/cold cathode lighting

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

For additional information, see pg. 174.

Available finishes

Use **BOLD** color code in model number (Example: AY-600P-**BL**)

Gloss finishes*



WH
White



LA
Light Almond



AL
Almond



IV
Ivory



BR
Brown



BL
Black



SS
Stainless Steel

*Coordinating wallplates only available separately. For wallplate information, see pg. 166.

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

Dimmers

Dimmers



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

Dimmers with locator light



- Toggle turns lights on/off
- Slide up to brighten; down to dim
- Includes amber locator light
- Not available in black

Fan and fan/light controls

Fan controls



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

Fan/light controls



Fan control (left)

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

Dimmer (right)

- Toggle turns light on/off
- Slide up to brighten; down to dim

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.
 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

Preset dimmers

| | |
|---------------------------|---------------------------------|
| Single-pole 120V 600W | AY-600P- CC ³ |
| Single-pole 120V 1000W | AY-10P- CC ³ |
| 3-way 120V 600W | AY-603P- CC ³ |
| 3-way 120V 1000W | AY-103P- CC ³ |

Preset dimmers with locator light

| | |
|--------------------------|-----------------------------------|
| Single-pole 120V 600W | AY-600PNL- CC ³ |
| Single-pole 1000W | AY-10PNL- CC ³ |
| 3-way 120V 600W | AY-603PNL- CC ³ |
| 3-way 120V 1000W | AY-103PNL- CC ³ |

eco-dim® preset dimmer

| | |
|--------------------------------|----------------------------------|
| 3-way/single-pole 120V 600W | AY-603PG- EE ² |
|--------------------------------|----------------------------------|

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

Magnetic low-voltage dimmers

Preset dimmers

| | |
|----------------------------------|-----------------------------------|
| Single-pole 120V 600VA (450W) | AYLV-600P- CC ³ |
| 3-way 120V 600VA (450W) | AYLV-603P- CC ³ |

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.

CC³: Gloss color codes, see pg. 125

EE²: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)
(Wallplates not included, order separately, see pg. 168)

Dimmer, fan and fan/light control model numbers

3-wire fluorescent dimmers*

Preset dimmers

| | |
|------------------------------|--------------------------------------|
| 3-way/single-pole 120V 8A | AYF-103P- CC ³ |
| 3-way/single-pole 277V 6A | AYF-103P-277- CC ³ |

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

Also compatible with Hi-lume® LED driver.

No derating required if ganged.

Adjustable low-end trim.

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

Preset dimmers

| | |
|------------------------------|--------------------------------------|
| 3-way/single-pole 120V 8A | AYF-103P- CC ³ |
| 3-way/single-pole 277V 6A | AYF-103P-277- CC ³ |

For use with Hi-lume LED driver only.

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

No derating required if ganged.

Adjustable low-end trim.

Fan control

Fan control—quiet 3-speed

| | |
|--------------------------------|---------------------------------|
| 3-way/single-pole 120V 1.5A | AYFSQ-F- CC ³ |
|--------------------------------|---------------------------------|

Fan/light control

Fan control and dimmer—quiet 3-speed

| | |
|--|----------------------------------|
| Single-pole fan control 120V 1.5A (left) | AY2-LFSQ- CC ³ |
| Single-pole dimmer 120V 300W incandescent/halogen (right) | |

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

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

*Requires neutral wire connection.

Accessories

Wallplates



Shown actual size:
2-gang Fassade®
wallplate in White (WH).
For more information
about Traditional wallplates,
see pg. 166.

Coordinated electrical devices



Tamper resistant
GFCI receptacle



Customizable
6-port frame



Cable jack

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



Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Abella®, Ceano®, Ariadni®, Glyder® and Rotary
- All Lutron wallplates are screwless, seamless and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Traditional wallplates can be paired with designer accessories to complete the look of any room
- Customize your traditional wallplate with engraving, contact customer service to get started at 1.888.LUTRON1

Ganging and derating

- Traditional 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: FG-1-**AL**)

Gloss finishes



WH
White



LA
Light Almond



AL
Almond



IV
Ivory



BL
Black

Metal finishes



SS
Stainless Steel*

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

Wallplates for Abella®, Ceana®, Ariadni®, Glyder® and Rotary



1-gang
Stainless Steel*
W: 2.86 in (73mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-1-**CC**³
FW-1-SS



3-gang
Stainless Steel*
W: 6.48 in (165 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-3-**CC**³
FW-3-SS



2-gang
Stainless Steel*
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-2-**CC**³
FW-2-SS

Combination opening



Rotate the wallplate for small/large or large/small opening applications.

2-gang (1 traditional,
1 designer opening)
Stainless Steel*
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

FG-2-TD-**CC**³
FW-2-TD-SS

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.

Controls must have heat-sink fins broken for multi-gang installations. Removing this metal reduces the amount of heat that the control can dissipate, thus reducing the wattage capacity of the control. Please derate dimmers and switches as required.

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

Controls must have heat-sink fins broken for multi-gang installations. Multi-gang dimmer installations may require derating, see pg. 170.

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

CC³: Gloss color codes, see pg. 167

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

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.
 *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 |
|--|----------------|----------------|------------------|
| 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® | | | |
| 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 |
| 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 | | | |
| 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 |
|--|------------------|------------------|--------------------|
| Incandescent | | | |
| Dimmers | 600W | 500W | 300W |
| | 1000W | 900W | 700W |
| | 1500W | 1250W | 1000W |
| | 1950W | – | – |
| Magnetic low-voltage | | | |
| 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 |
| Electronic low-voltage | | | |
| Dimmers | 300W | 300W | 250W |
| | 600W | 500W | 400W |
| Fluorescent | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| 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 ¹ | 30mA ballasts | no derating | no derating |
| Tu-Wire® | 5 A | 4 A | 3.3 A |
| Fan controls | | | |
| 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 |
| Electronic tapswitches² | | | |
| 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.

¹PowerPack required for line voltage switching.

²VETS-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 | | | | |
|---|---------------------------------|------------|------------|------------|------------|------------|
| 💡 Incandescent/halogen 120V | 600W | | | | M | |
| | 1000W | | | | M | |
| | 1500W | | | WBX | | |
| | 2000W | | | WBX | | |
| 💡 Magnetic low-voltage 120V | 600 VA (450W) | | | | | |
| | 1000 VA (800W) | | | | | |
| | 1500 VA (1200W) | | | WBX | | |
| | 2000 VA (1600W) | | | WBX | WBX | |
| 💡 Magnetic low-voltage 277V | 600 VA (450W) | | | WBX | | WBX |
| | 1000 VA (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 | 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

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 | M | M | M | | |
|---|---|------------|-----------|------------|------------|------------|-----------|
|  Incandescent/halogen 120V | 600W | E | | | | E | |
| | 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, Eco-10® and EcoSystem® ballasts | 8A | 3F | | 3F | 3F | |
| | 16A | 3F | | 3F | 3F | 3F | |
|  3-wire ballasts and Hi-lume LED driver 277V | 6A | | | | | | |
| | Hi-lume, Hi-lume Compact SE, Eco-10 and EcoSystem ballasts | 8A | 3F | | 3F | 3F | 3F |
| | 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).

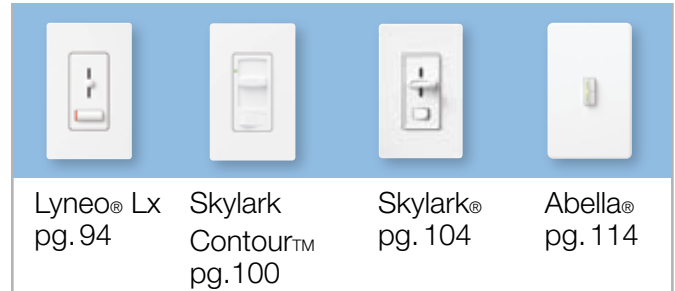
Dimmer capabilities and interface requirements











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 |
|---|--|------------|-----------|------------|-----------|
|  Incandescent/halogen 120V | 600W | | E | E | |
| | 1000W | | | | |
| | 1500W | WBX | | WBX | |
| | 2000W | WBX | | WBX | |
|  Magnetic low-voltage 120V | 600 VA (450W) | | | | |
| | 1000 VA (800W) | | | WBX | |
| | 1500 VA (1200W) | WBX | | WBX | |
| | 2000 VA (1600W) | WBX | | WBX | |
|  Magnetic low-voltage 277V | 600 VA (450W) | WBX | | WBX | |
| | 1000 VA (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, Eco-10® and EcoSystem® ballasts | 8A | | | |
| | | 16A | 3F | | 3F |
|  3-wire ballasts and Hi-lume LED driver 277V | 6A | | | | |
| | Hi-lume, Hi-lume Compact SE, Eco-10 and EcoSystem ballasts | 8A | 3F | | 3F |
| | | 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)

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† | | | | |
|--|---------------------------------|-----|------------|-----------|----------|
|  Incandescent/halogen 120V | 600W | | E | | E |
| | 1000W | | | | |
| | 1500W | | WBX | | |
| | 2000W | | WBX | | |
|  Magnetic low-voltage 120V | 600 VA (450W) | | | | |
| | 1000 VA (800W) | | | | |
| | 1500 VA (1200W) | | WBX | | |
| | 2000 VA (1600W) | | WBX | | |
|  Magnetic low-voltage 277V | 600 VA (450W) | | WBX | | |
| | 1000 VA (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)

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) | |
|------------------------|--|-------------------------|--|-------------------------|--|-------------------------|
| | WBX  | | 3F  | | TVI  | |
| | Wallbox Phase Adaptive Power Module* PHPM-WBX-DV-WH | | Fluorescent Power Module* PHPM-3F-DV-WH | | 0-10V Interface GRX-TV1 | |
| 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, 120V only versions are also available. Please see Technical notes, pg. 179.

Dimmer models/load interface compatibility

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

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

For ballast information, visit www.lutron.com/ballasts.

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

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

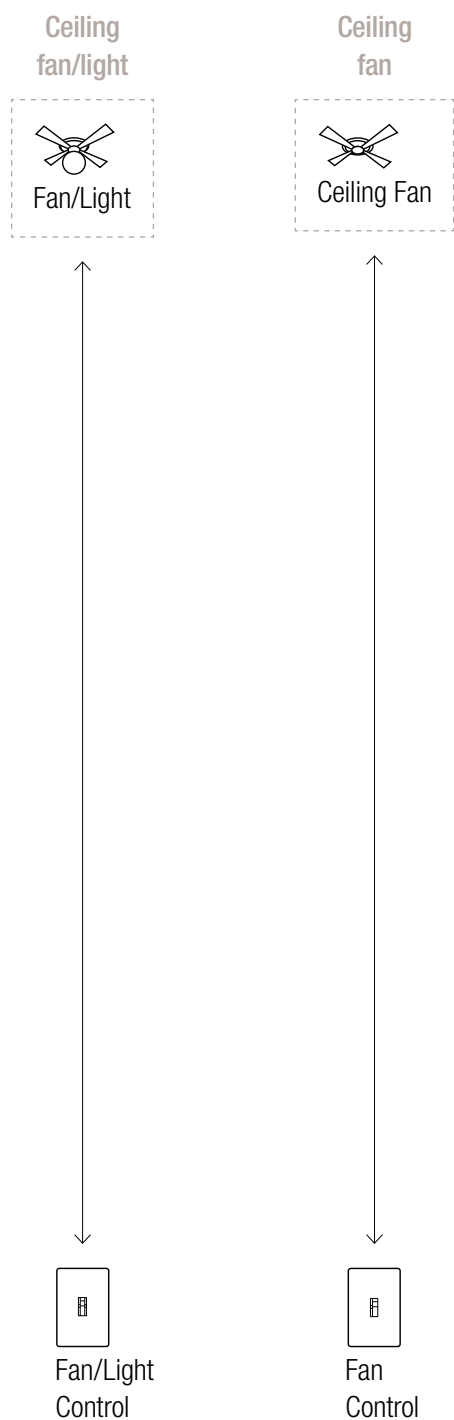
Ariadni®



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.

Ariadni®



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