





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



Product family features

- True multi-location dimming from every location
- Light fades on/off to preset level
- Delayed off provides light as you exit the room
- Line frequency compensation maintains stable light levels, despite power line frequency and voltage variations
- LEDs indicate light level and glow softly in the dark as a locator light
- Advanced programming allows customized functions
- 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)
-  Multi-location (up to ten locations)

Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting

Lighting load interfaces are not compatible with this family.

Available finishes

Use **BOLD** color code in model number (Example: AB-600M-**LA**)

Gloss finishes*



WH
White



LA
Light Almond



AL
Almond



IV
Ivory



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.

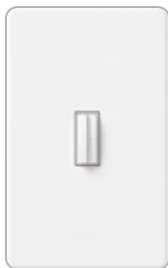
Dimmers and companion dimmers

Digital fade dimmers



- Press on to favorite level; press off
- Press twice for full on
- Press, hold and release for gradual fade-to-off
- Touch buttons to adjust light level
- Advanced programming options available

Companion dimmers



- For use with multi-location dimmers only—use up to nine companion dimmers with one Abella multi-location dimmer
- Provides true dimming from every location

Switches and companion switches

Digital switches



- Large, easy-to-use, one-touch button turns light on/off
- LED indicates on/off

Companion switches



- Large, easy-to-use, one-touch button turns light on/off
- For use with multi-location switches only—use up to nine companion switches with one Abella® multi-location switch

Advanced programming features include:

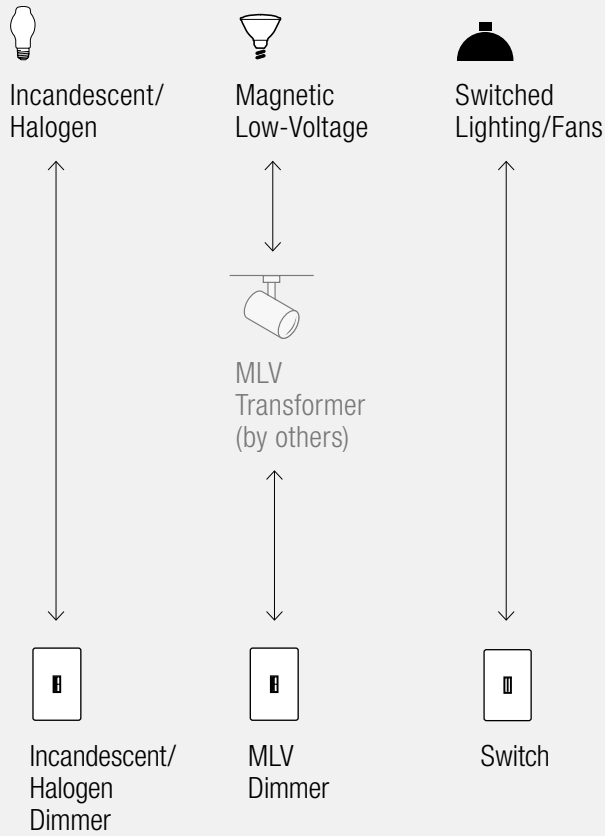


- Adjusting fade on/fade off time.
- Locked preset lighting level.

Abella advanced programming manual (Application Note #212) is available, visit www.lutron.com/applicationnotes.

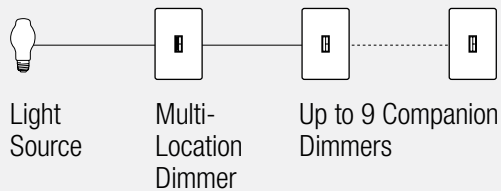
Connections overview

Load connections*

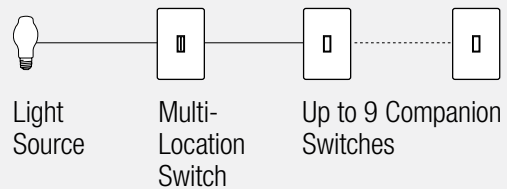


Control types (for 2 or more locations)

Dim from multiple-locations (up to 10)



Switch from multiple-locations (up to 10)



*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	AB-600M- CC ³
Multi-location/single-pole 120V 1000W	AB-1000M- CC ³

Magnetic low-voltage dimmers**

Digital fade dimmers

Multi-location/single-pole 120V 600VA (450W)	ABLV-600M- CC ³
Multi-location/single-pole 120V 1000VA (800W)	ABLV-1000M- 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.

Switch and companion control model numbers

Switches

Digital switch*

Multi-location/single-pole 120V 6A light 3A fan	AB-S6AM- CC ³
--	---------------------------------

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

Companion controls

Companion dimmer

120V	AB-AD- CC ³
------	-------------------------------

No derating required if ganged.

Companion switch

120V	AB-AS- CC ³
------	-------------------------------

No derating required if ganged.

CC³: Gloss color codes, see pg. 115
(Wallplates not included, order separately,
see pg. 168)

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

*Requires neutral wire connection.

**Minimum load is 40W/VA.

Accessories

Wallplates



Shown actual size:
2-gang Fassada® 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

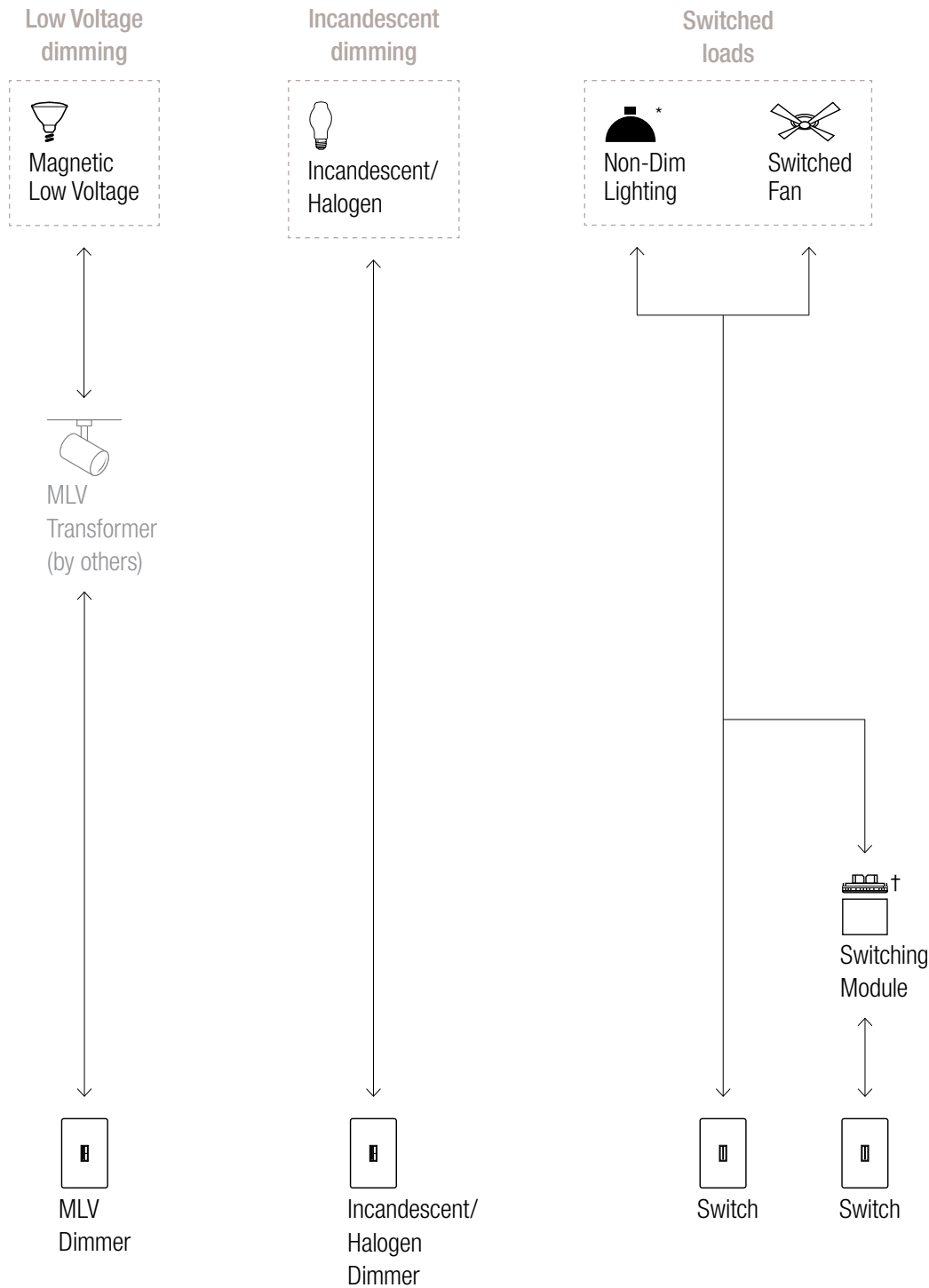
	No fins broken	1 fin broken	2 fins broken
Incandescent			
Dimmers	600W	500W	300W
	1000W	900W	700W
	1500W	1250W	1000W
	1950W	–	–
Magnetic low-voltage			
Dimmers	600 VA/450 W	500 VA/400 W	300 VA/250 W
	1000 VA/800 W	900 VA/750 W	700 VA/500 W
	1500 VA/1200 W	1250 VA/1000 W	1000 VA/800 W
Electronic low-voltage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

Abella®



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

*Refer to pg. 118 for specific load type.

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