**Product family features**
- The original electronic dimmer—first patented in 1959
- Easy-turn knob adjusts light to your favorite level
- eco-dim® model available
- 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
- Ceiling fans

Lighting load interfaces are not compatible with this family.
Available finishes
Use BOLD color code in model number (Example: D-600P-IV)

Gloss finishes*

Dimmers and fan controls

Dimmer with rotate on/off knob
- Rotate on/off; rotate to adjust light level

Dimmers with push on/off knob and locator light
- Push on/off; rotate to adjust light level
- Includes locator light

Dimmers with push on/off knob
- Push on/off; rotate to adjust light level
- eco-dim® model guarantees at least 15% energy savings compared to a standard switch

Fan controls with rotate on/off knob
- Rotate on/off; rotate to adjust fan speed
- Quiet 3-speed available for use with one paddle fan
- Quiet 3-speed designed to prevent motor hum
- Fully variable available for use with multiple paddle or exhaust fans

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

Load connections*

Incandescent/Halogen Dimmer  Ceiling Fan

Fan controls

Fan controls with rotate on/off knob—fully variable

Single-pole fan control  FS-5F-CC3
factory set minimum speed
120 V  5 A

Single-pole fan control  FS-5E-CC3
user adjustable minimum speed
120 V  5 A

Fan control with rotate on/off knob—quiet 3-speed

Single-pole  FSQ-2F-CC3
120 V  1.5 A

CC3: Gloss White (WH) and Ivory (IV), see pg. 135
(Wallplates not included, order separately, see pg. 168)

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

Dimmer, fan control and replacement knob model numbers

Incandescent/halogen dimmers

Dimmers with push on/off knob

Single-pole  D-600P-CC3
120 V  600 W

3-way  D-603P-CC3
120 V  600 W

Dimmers with push on/off knob and locator light

Single-pole  DNG-600P-CC3
120 V  600 W

3-way  DNG-603P-CC3
120 V  600 W

Dimmer with rotate on/off knob

Single-pole  D-600R-CC3
120 V  600 W

eco-dim® dimmer with push on/off knob

3-way/single-pole  D-603PG-CC3
120 V  600 W

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

Fan controls

Fan controls with rotate on/off knob—fully variable

Single-pole fan control  FS-5F-CC3
factory set minimum speed
120 V  5 A

Single-pole fan control  FS-5E-CC3
user adjustable minimum speed
120 V  5 A

Fan control with rotate on/off knob—quiet 3-speed

Single-pole  FSQ-2F-CC3
120 V  1.5 A

Knobs

Standard knob  RK-CC3

3-speed fan control knob, White  280-324-01
3-speed fan control knob, Ivory  280-324-06
Wallplates

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

Coordinated electrical devices

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®, Ceana®, Ariadn®, 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

Shown actual size: Abella dimmers in a 2-gang Fassada wallplate in White (WH).
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/adapter, visible from side. Match with separate Black (BL) controls.
Wallplates for Abella®, Ceana®, Ariadni®, Glyder® and Rotary

1-gang
Stainless Steel*
FG-1-CC3
FW-1-SS
W: 2.86 in (73 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

2-gang
Stainless Steel*
FG-2-CC3
FW-2-SS
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

Combination opening

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

2-gang (1 traditional, 1 designer opening)
Stainless Steel*
FG-2-TD-CC3
FW-2-TD-SS
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

3-gang
Stainless Steel*
FG-3-CC3
FW-3-SS
W: 6.48 in (165 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 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.

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.

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

CC3: Gloss color codes, see pg. 167
Product family features

• Can be used in conjunction with the following dimmer(s) and switch(es): Abella®, Ceana®, Ariadnie®, 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

Shown actual size: Abella dimmers in a 2-gang Fassada wallplate in White (WH).
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*

*SStainless Steel finish wallplates include black plastic trim/adapter, 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 (73 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

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

Combination opening
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)

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

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.

CC3: Gloss color codes, see pg. 167

*Stainless Steel wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.
How to understand ganging and derating

**Standard ganging**

Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate.

Standard multi-gang installation:
- Uses standard multi-gang electrical backboxes
- Uses standard multi-gang wallplates
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging)
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pgs. 172–173

**Custom ganging for Architectural style controls**

For Architectural style dimmers and switches, it is possible to retain the maximum capacity of dimmers in multi-gang applications via custom architectural multi-gang:
- May require customized, wider-than-standard wallplates
- May require wider-than-standard electrical backboxes
- Allows full capacity (“No Fins Broken”) ganging
- Required for Nova® dimmers and for larger width (high capacity) architectural controls
- Visit [www.lutron.com/customganging](http://www.lutron.com/customganging) for additional information

### Standard ganging for dimmers, switches and accessories

<table>
<thead>
<tr>
<th>New Architectural</th>
<th>Architectural</th>
<th>Designer</th>
<th>Traditional</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="New Architectural" /></td>
<td><img src="image2" alt="Architectural" /></td>
<td><img src="image3" alt="Designer" /></td>
<td><img src="image4" alt="Traditional" /></td>
</tr>
<tr>
<td>pg. 148</td>
<td>pg. 152</td>
<td>pg. 160</td>
<td>pg. 166</td>
</tr>
</tbody>
</table>

- Vierti®
- Vareo®
- Nova T®
- Maestro®
- Maestro IR®
- Maestro Wireless®
- Spacer System®
- Diva®
- Lyneo® Lx
- Skylark®
- Skylark Contour™
- Abella®
- Ceana®
- Ariadni®
- Glyder®
- Rotary

<table>
<thead>
<tr>
<th>Derating Table 1</th>
<th>Derating Table 2</th>
<th>Derating Table 1</th>
<th>Derating Table 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>pg. 172</td>
<td>pg. 173</td>
<td>pg. 172</td>
<td>pg. 172</td>
</tr>
</tbody>
</table>
**Standard ganging and fins broken derating examples:**

1. **One Nova T® dimmer**
   - No fins broken
   - Full capacity
   - Standard 1-gang backbox
   - Standard 1-gang architectural wallplate

2. **Two Nova T® dimmers**
   - "Fins Broken" ganging
   - One fin broken*
   - Partial derating
   - Standard 2-gang backbox
   - Standard 2-gang architectural wallplate

3. **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:**

1. **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](http://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**

<table>
<thead>
<tr>
<th></th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fins broken</td>
<td>600W</td>
<td>500W</td>
</tr>
<tr>
<td>Dual dimmers</td>
<td>1000W</td>
<td>800W</td>
</tr>
<tr>
<td>Dimmers</td>
<td>300W</td>
<td>250W</td>
</tr>
<tr>
<td>Magnetic low-voltage</td>
<td>600 VA/450W</td>
<td>500 VA/400W</td>
</tr>
<tr>
<td>Dimmers</td>
<td>1000 VA/800W</td>
<td>800 VA/650W</td>
</tr>
<tr>
<td>Electronic low-voltage</td>
<td>300W</td>
<td>250W</td>
</tr>
<tr>
<td>Dimmers</td>
<td>500W</td>
<td>450W</td>
</tr>
<tr>
<td>Fluorescent</td>
<td>600W</td>
<td>500W</td>
</tr>
<tr>
<td>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</td>
<td>5 A</td>
<td>4 A</td>
</tr>
<tr>
<td>Vierti</td>
<td>60 ballasts/6A</td>
<td>50 ballasts/5A</td>
</tr>
<tr>
<td>Maestro/Spacer System</td>
<td>20 ballasts/6A</td>
<td>20 ballasts/5A</td>
</tr>
<tr>
<td>Tu-Wire®: Spacer System, Diva, Skylark</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>Diva, Skylark, Lyneo Lx and Ariadni</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>Electronic switches</td>
<td>6 A/3 A</td>
<td>5 A/3 A</td>
</tr>
<tr>
<td>Vierti</td>
<td>6 A/3 A</td>
<td>5 A/3 A</td>
</tr>
<tr>
<td>Maestro (light/fan)</td>
<td>8 A/3 A</td>
<td>6.5 A/3 A</td>
</tr>
<tr>
<td>Abella (light/fan)</td>
<td>6 A/3 A</td>
<td>5 A/3 A</td>
</tr>
</tbody>
</table>

**Fan controls** | 1.0 A/300W | 1.0 A/300W | 1.0 A/300W |
| Quiet 7-speed | 1.5 A | 1.5 A | 1.5 A |
| Quiet 3-speed | 5 A | 4 A | 3 A |
| Fully variable | 1.0 A/300W | 1.0 A/300W | 1.0 A/300W |
| Quiet 7-speed | 1.5 A/300W | 1.5 A/300W | 1.5 A/300W |
| Quiet 3-speed | 1.5 A/300W | 1.5 A/300W | 1.5 A/300W |
| Fully variable | 2.5 A/300W | 2.1 A/250W | 1.7 A/200W |

**Fan/light controls** | 1.0 A/300W | 1.0 A/300W | 1.0 A/300W |
| Quiet 7-speed | 1.5 A/300W | 1.5 A/300W | 1.5 A/300W |
| Quiet 3-speed | 1.5 A/300W | 1.5 A/300W | 1.5 A/300W |
| Fully variable | 2.5 A/300W | 2.1 A/250W | 1.7 A/200W |

**Electronic switches** | 6 A/3 A | 5 A/3 A | 3.5 A/3 A |
| Vierti       | 6 A/3 A | 5 A/3 A | 3.5 A/3 A |
| Maestro (light/fan) | 8 A/3 A | 6.5 A/3 A | 5 A/3 A |
| Abella (light/fan) | 6 A/3 A | 5 A/3 A | 3.5 A/3 A |
### Derating Table 2

**Architectural | Vareo®, Nova T™**

<table>
<thead>
<tr>
<th>Incandescent</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimmers</td>
<td>600W</td>
<td>500W</td>
<td>300W</td>
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<tr>
<td></td>
<td>1000W</td>
<td>900W</td>
<td>700W</td>
</tr>
<tr>
<td></td>
<td>1500W</td>
<td>1250W</td>
<td>1000W</td>
</tr>
<tr>
<td></td>
<td>1950W</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Magnetic low-voltage</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimmers</td>
<td>600 VA/450W</td>
<td>500 VA/400W</td>
<td>300 VA/250W</td>
</tr>
<tr>
<td></td>
<td>1000 VA/800W</td>
<td>900 VA/750W</td>
<td>700 VA/500W</td>
</tr>
<tr>
<td></td>
<td>1500 VA/1200W</td>
<td>1250 VA/1000W</td>
<td>1000 VA/800W</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Electronic low-voltage</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimmers</td>
<td>300 W</td>
<td>300 W</td>
<td>250 W</td>
</tr>
<tr>
<td></td>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Fluorescent</th>
<th>Vareo</th>
<th>Nova T™</th>
<th>20 ballasts / 8A</th>
<th>20 ballasts / 6A</th>
<th>20 ballasts / 4.5 A</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>6 A</td>
<td>no derating</td>
<td>no derating</td>
<td>no derating</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 A</td>
<td>no derating</td>
<td>no derating</td>
<td>no derating</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16 A</td>
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<td>no derating</td>
<td>no derating</td>
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<table>
<thead>
<tr>
<th>0-10 VDC control¹</th>
<th>30 mA ballasts</th>
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<table>
<thead>
<tr>
<th>Tu-Wire®</th>
<th>5A</th>
<th>4A</th>
<th>3.3A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Fan controls</th>
<th>Quiet 3-speed</th>
<th>Fully variable</th>
<th>Fully variable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.5A</td>
<td>6A</td>
<td>12A</td>
</tr>
<tr>
<td></td>
<td>no derating</td>
<td>4.2A</td>
<td>10A</td>
</tr>
<tr>
<td></td>
<td>no derating</td>
<td>2.5A</td>
<td>8.3A</td>
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<table>
<thead>
<tr>
<th>Electronic tapswitches²</th>
<th>VETS-1000-</th>
<th>VETS-1000-SL-</th>
<th>VETN-1000-</th>
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<tbody>
<tr>
<td></td>
<td>1000W</td>
<td>900W</td>
<td>700W</td>
</tr>
<tr>
<td></td>
<td>800W</td>
<td>700W</td>
<td>550 VA</td>
</tr>
</tbody>
</table>

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

¹PowerPack required for line voltage switching.
²VETS-R-Auxiliary electronic tapswitches do not require derating.
For illustration purposes only. Consult model number pages for specific voltage and capacity information.