

# MODERN FORMS

## Dimming Compatibility

ID E2311122V0

**Product Family:**

**Sku Tested:** PD-34403R, PD-34405R, PD-34409R, PD-34413S, PD-34414L, PD-34415R

**Related Models**

**Test Voltage:** 120-277V

**Control Type:** ELV, TRIAC, MLV, 0-10V

**Test Notes:** Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

| Manufacturer                  | Product              | Model Number  | Test Voltage (V) | Measured Dimming Range | Comments                                             |
|-------------------------------|----------------------|---------------|------------------|------------------------|------------------------------------------------------|
|                               |                      |               |                  | Low End                |                                                      |
| Adaptive Phase Dimmers        |                      |               |                  |                        |                                                      |
| Control4                      | Adaptive             | C4-APD120     | 120              | 0.7%                   |                                                      |
| Legrand                       | Adorne Touch (ELV)   | ADTH700RMTUM1 | 120              | 1.0%                   | Flicker below 1%                                     |
| Legrand                       | Adorne Touch (TRIAC) | ADTH700RMTUM1 | 120              | 0.8%                   | Not Recommended                                      |
| Legrand                       | Radiant              | RH703PTUW     | 120              | 0.7%                   | Flicker below 0.7%; Noise at 1 meter away            |
| Legrand                       | Adorne (ELV)         | ADTP703TUW4   | 120              | 4.0%                   |                                                      |
| Legrand                       | Adorne (TRIAC)       | ADTP703TUW4   | 120              | 1.0%                   | Not Recommended                                      |
| Cooper                        | AL Series            | AAL06         | 120              | 1.0%                   | Flashing at low dimming level; Noise at 1 meter away |
| Control4                      | Adaptive             | C4-APD277     | 277              | 1.0%                   |                                                      |
| Reverse Phase Dimmers (ELV)   |                      |               |                  |                        |                                                      |
| Lutron                        | Nova T               | NTELV-600     | 120              | 0.5%                   | Flicker below 0.5%                                   |
| Lutron                        | Diva                 | DVELV-300P    | 120              | 0.6%                   | Flicker below 0.6%                                   |
| Lutron                        | Maestro              | MAELV-600     | 120              | 0.7%                   | Flicker below 0.7%                                   |
| Lutron                        | Skylark              | SELV-300P     | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Leviton                       | Illuminatech         | IPE04-1LZ     | 120              | 0.7%                   | Flicker below 0.7%                                   |
| Lutron                        | Maestro              | RRD-6NA       | 120              | 2.0%                   | Flashing at low dimming level                        |
| Leviton                       | SureSlide            | 6615-P0W      | 120              | 9.0%                   |                                                      |
| Leviton                       | Decora               | DSE06-10Z     | 120              | 1.0%                   | Flicker below 1%                                     |
| Lutron                        | Caseta               | PD-5NE        | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Homeworks            | HRD-5NE       | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Homeworks            | HQRD-6NA      | 120              | 3.0%                   | Flashing at low dimming level                        |
| Leviton                       | Renoir II            | AWSMT-EBW     | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Grafik-Eye           | GRX-3103-A-G  | 120              | 1.0%                   | Flicker below 1%                                     |
| Leviton                       | Renoir II            | AWSMT-EBW     | 277              | 4.0%                   | Flicker below 0.8%                                   |
| Lutron                        | Grafik-Eye           | GRX-3103-A-G  | 277              | 6.0%                   | Flicker below 1%                                     |
| Forward Phase Dimmers (TRIAC) |                      |               |                  |                        |                                                      |
| Lutron                        | Maestro              | MACL-153M-WH  | 120              | 0.8%                   | Flicker below 0.8%; Noise at 1 meter away            |
| Lutron                        | Diva                 | DVCL-153P     | 120              | 1.0%                   | Flicker below 1%; Noise at 1 meter away              |
| Legrand                       | Adorne Paddle        | ADPD453LW2    | 120              | 0.9%                   | Flashing at low dimming level; Noise at 1 meter away |
| Lutron                        | Ariadni              | AYCL-153PH    | 120              | 0.7%                   | Flicker below 0.7%; Noise at 1 meter away            |

Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. This report reflects Modern Forms's test results of a single fixture in single-pole wiring configuration for reference purposes; actual results may vary based on field conditions. Dimmer manufacturers may modify their product at any time, without notice to Modern Forms, and therefore Modern Forms cannot ensure future compatibility. For any questions on this report, please contact Modern Forms Customer Service at 1-866-810-6615 or customerservice@modernforms.com.

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| Forward Phase Dimmers (TRIAC) Cont. |           |             |     |       |                                           |
|-------------------------------------|-----------|-------------|-----|-------|-------------------------------------------|
| Lutron                              | Skylark   | SCL-153P-WH | 120 | 0.7%  | Flicker below 0.7%; Noise at 1 meter away |
| Lutron                              | Maestro   | MA-600-WH   | 120 | N/A   | Dimmer not responsive                     |
| Leviton                             | SureSlide | 6674-POW    | 120 | 0.6%  | Flicker below 0.6%; Noise at 1 meter away |
| Lutron                              | Caseta    | PD-6WCL     | 120 | 0.6%  | Flicker below 0.6%; Noise at 1 meter away |
| Legrand                             | Harmony   | HCL453PW    | 120 | 0.9%  | Flicker below 0.9%; Noise at 1 meter away |
| Legrand                             | Radiant   | RHCL453PW   | 120 | 1.0%  | Flicker below 1%; Noise at 1 meter away   |
| 0-10V Dimmers                       |           |             |     |       |                                           |
| Lutron                              | Nova T    | NTSTV       | 120 | 5.0%  |                                           |
| Leviton                             | Decora    | IP710-LFZ   | 120 | 1.0%  | Flicker below 1%                          |
| Control4                            | Adaptive  | C4-TV120277 | 120 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Diva      | DVSTV       | 120 | 1.0%  | Flicker below 1%                          |
| Leviton                             | Renoir    | AWSMT-7DW   | 120 | 13.0% |                                           |
| Legrand                             | Radiant   | RH4FBL3PW   | 120 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Nova T    | NTSTV       | 277 | 5.0%  |                                           |
| Leviton                             | Decora    | IP710-LFZ   | 277 | 1.0%  | Flicker below 1%                          |
| Control4                            | Adaptive  | C4-TV120277 | 277 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Diva      | DVSTV       | 277 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Diva      | AWSMT-7DW   | 277 | 13.0% |                                           |
| Legrand                             | Radiant   | RH4FBL3PW   | 277 | 1.0%  | Flicker below 1%                          |

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# MODERN FORMS

## Dimming Compatibility

ID E2311122V0

**Product Family:**

**Sku Tested:** PD-34421R, PD-34425S, PD-34423L

**Related Models**

**Test Voltage:** 120-277V

**Control Type:** ELV, TRIAC, MLV, 0-10V

**Test Notes:** Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

| Manufacturer                  | Product              | Model Number  | Test Voltage (V) | Measured Dimming Range | Comments                                             |
|-------------------------------|----------------------|---------------|------------------|------------------------|------------------------------------------------------|
|                               |                      |               |                  | Low End                |                                                      |
| Adaptive Phase Dimmers        |                      |               |                  |                        |                                                      |
| Control4                      | Adaptive             | C4-APD120     | 120              | 0.7%                   |                                                      |
| Legrand                       | Adorne Touch (ELV)   | ADTH700RMTUM1 | 120              | 1.0%                   | Flicker below 1%                                     |
| Legrand                       | Adorne Touch (TRIAC) | ADTH700RMTUM1 | 120              | 0.8%                   | Not Recommended                                      |
| Legrand                       | Radiant              | RH703PTUW     | 120              | 0.7%                   | Flicker below 0.7%; Noise at 1 meter away            |
| Legrand                       | Adorne (ELV)         | ADTP703TUW4   | 120              | 4.0%                   |                                                      |
| Legrand                       | Adorne (TRIAC)       | ADTP703TUW4   | 120              | 1.0%                   | Not Recommended                                      |
| Cooper                        | AL Series            | AAL06         | 120              | 1.0%                   | Flashing at low dimming level; Noise at 1 meter away |
| Control4                      | Adaptive             | C4-APD277     | 277              | 1.0%                   |                                                      |
| Reverse Phase Dimmers (ELV)   |                      |               |                  |                        |                                                      |
| Lutron                        | Nova T               | NTELV-600     | 120              | 0.5%                   | Flicker below 0.5%                                   |
| Lutron                        | Diva                 | DVELV-300P    | 120              | 0.6%                   | Flicker below 0.6%                                   |
| Lutron                        | Maestro              | MAELV-600     | 120              | 0.7%                   | Flicker below 0.7%                                   |
| Lutron                        | Skylark              | SELV-300P     | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Leviton                       | Illumatech           | IPE04-1LZ     | 120              | 0.7%                   | Flicker below 0.7%                                   |
| Lutron                        | Maestro              | RRD-6NA       | 120              | 2.0%                   | Flashing at low dimming level                        |
| Leviton                       | SureSlide            | 6615-P0W      | 120              | 9.0%                   |                                                      |
| Leviton                       | Decora               | DSE06-10Z     | 120              | 1.0%                   | Flicker below 1%                                     |
| Lutron                        | Caseta               | PD-5NE        | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Homeworks            | HRD-5NE       | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Homeworks            | HQRD-6NA      | 120              | 3.0%                   | Flashing at low dimming level                        |
| Leviton                       | Renoir II            | AWSMT-EBW     | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Grafik-Eye           | GRX-3103-A-G  | 120              | 1.0%                   | Flicker below 1%                                     |
| Leviton                       | Renoir II            | AWSMT-EBW     | 277              | 4.0%                   | Flicker below 0.8%                                   |
| Lutron                        | Grafik-Eye           | GRX-3103-A-G  | 277              | 6.0%                   | Flicker below 1%                                     |
| Forward Phase Dimmers (TRIAC) |                      |               |                  |                        |                                                      |
| Lutron                        | Diva                 | DVCL-153P     | 120              | 1.0%                   | Flicker below 1%; Noise at 1 meter away              |
| Legrand                       | Adorne Paddle        | ADPD453LW2    | 120              | 0.9%                   | Flashing at low dimming level; Noise at 1 meter away |
| Lutron                        | Ariadni              | AYCL-153PH    | 120              | 0.7%                   | Flicker below 0.7%; Noise at 1 meter away            |

Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. This report reflects Modern Forms's test results of a single fixture in single-pole wiring configuration for reference purposes; actual results may vary based on field conditions. Dimmer manufacturers may modify their product at any time, without notice to Modern Forms, and therefore Modern Forms cannot ensure future compatibility. For any questions on this report, please contact Modern Forms Customer Service at 1-866-810-6615 or customerservice@modernforms.com.

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| Forward Phase Dimmers (TRIAC) Cont. |           |             |     |       |                                           |
|-------------------------------------|-----------|-------------|-----|-------|-------------------------------------------|
| Lutron                              | Maestro   | MA-600-WH   | 120 | N/A   | Dimmer not responsive                     |
| Leviton                             | SureSlide | 6674-POW    | 120 | 0.6%  | Flicker below 0.6%; Noise at 1 meter away |
| Lutron                              | Caseta    | PD-6WCL     | 120 | 0.6%  | Flicker below 0.6%; Noise at 1 meter away |
| Legrand                             | Harmony   | HCL453PW    | 120 | 0.9%  | Flicker below 0.9%; Noise at 1 meter away |
| Legrand                             | Radiant   | RHCL453PW   | 120 | 1.0%  | Flicker below 1%; Noise at 1 meter away   |
| 0-10V Dimmers                       |           |             |     |       |                                           |
| Lutron                              | Nova T    | NTSTV       | 120 | 5.0%  |                                           |
| Leviton                             | Decora    | IP710-LFZ   | 120 | 1.0%  | Flicker below 1%                          |
| Control4                            | Adaptive  | C4-TV120277 | 120 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Diva      | DVSTV       | 120 | 1.0%  | Flicker below 1%                          |
| Leviton                             | Renoir    | AWSMT-7DW   | 120 | 13.0% |                                           |
| Legrand                             | Radiant   | RH4FBL3PW   | 120 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Nova T    | NTSTV       | 277 | 5.0%  |                                           |
| Leviton                             | Decora    | IP710-LFZ   | 277 | 1.0%  | Flicker below 1%                          |
| Control4                            | Adaptive  | C4-TV120277 | 277 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Diva      | DVSTV       | 277 | 1.0%  | Flicker below 1%                          |
| Lutron                              | Diva      | AWSMT-7DW   | 277 | 13.0% |                                           |
| Legrand                             | Radiant   | RH4FBL3PW   | 277 | 1.0%  | Flicker below 1%                          |

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## Dimming Compatibility

ID E2311122V0

**Product Family:**

**Sku Tested:** PD-34441S

**Related Models**

**Test Voltage:** 120-277V

**Control Type:** ELV,TRIAC,MLV,0-10V

**Test Notes:** Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

| Manufacturer                  | Product              | Model Number  | Test Voltage (V) | Measured Dimming Range | Comments                                             |
|-------------------------------|----------------------|---------------|------------------|------------------------|------------------------------------------------------|
|                               |                      |               |                  | Low End                |                                                      |
| Adaptive Phase Dimmers        |                      |               |                  |                        |                                                      |
| Control4                      | Adaptive             | C4-APD120     | 120              | 0.7%                   |                                                      |
| Legrand                       | Adorne Touch (ELV)   | ADTH700RMTUM1 | 120              | 1.0%                   | Flicker below 1%                                     |
| Legrand                       | Adorne Touch (TRIAC) | ADTH700RMTUM1 | 120              | 0.8%                   | Not Recommended                                      |
| Legrand                       | Radiant              | RH703PTUW     | 120              | 0.7%                   | Flicker below 0.7%; Noise at 1 meter away            |
| Legrand                       | Adorne (ELV)         | ADTP703TUUW4  | 120              | 4.0%                   |                                                      |
| Legrand                       | Adorne (TRIAC)       | ADTP703TUUW4  | 120              | 1.0%                   | Not Recommended                                      |
| Control4                      | Adaptive             | C4-APD277     | 277              | 1.0%                   |                                                      |
| Reverse Phase Dimmers (ELV)   |                      |               |                  |                        |                                                      |
| Lutron                        | Nova T               | NTELV-600     | 120              | 0.5%                   | Flicker below 0.5%                                   |
| Lutron                        | Maestro              | MAELV-600     | 120              | 0.7%                   | Flicker below 0.7%                                   |
| Leviton                       | Illumatech           | IPE04-1LZ     | 120              | 0.7%                   | Flicker below 0.7%                                   |
| Lutron                        | Maestro              | RRD-6NA       | 120              | 2.0%                   | Flashing at low dimming level                        |
| Leviton                       | Decora               | DSE06-10Z     | 120              | 1.0%                   | Flicker below 1%                                     |
| Lutron                        | Caseta               | PD-5NE        | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Homeworks            | HRD-5NE       | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Homeworks            | HQRD-6NA      | 120              | 3.0%                   | Flashing at low dimming level                        |
| Leviton                       | Renoir II            | AWSMT-EBW     | 120              | 0.8%                   | Flicker below 0.8%                                   |
| Lutron                        | Grafik-Eye           | GRX-3103-A-G  | 120              | 1.0%                   | Flicker below 1%                                     |
| Leviton                       | Renoir II            | AWSMT-EBW     | 277              | 4.0%                   | Flicker below 0.8%                                   |
| Lutron                        | Grafik-Eye           | GRX-3103-A-G  | 277              | 6.0%                   | Flicker below 1%                                     |
| Forward Phase Dimmers (TRIAC) |                      |               |                  |                        |                                                      |
| Lutron                        | Diva                 | DVCL-153P     | 120              | 1.0%                   | Flicker below 1%; Noise at 1 meter away              |
| Legrand                       | Adorne Paddle        | ADPD453LW2    | 120              | 0.9%                   | Flashing at low dimming level; Noise at 1 meter away |
| Lutron                        | Ariadni              | AYCL-153PH    | 120              | 0.7%                   | Flicker below 0.7%; Noise at 1 meter away            |
| Lutron                        | Maestro              | MA-600-WH     | 120              | N/A                    | Dimmer not responsive                                |
| Leviton                       | SureSlide            | 6674-POW      | 120              | 0.6%                   | Flicker below 0.6%; Noise at 1 meter away            |
| Lutron                        | Caseta               | PD-6WCL       | 120              | 0.6%                   | Flicker below 0.6%; Noise at 1 meter away            |
| Legrand                       | Harmony              | HCL453PW      | 120              | 0.9%                   | Flicker below 0.9%; Noise at 1 meter away            |
| Legrand                       | Radiant              | RHCL453PW     | 120              | 1.0%                   | Flicker below 1%; Noise at 1 meter away              |

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| 0-10V Dimmers |          |             |     |       |                  |
|---------------|----------|-------------|-----|-------|------------------|
| Lutron        | Nova T   | NTSTV       | 120 | 5.0%  |                  |
| Leviton       | Decora   | IP710-LFZ   | 120 | 1.0%  | Flicker below 1% |
| Control4      | Adaptive | C4-TV120277 | 120 | 1.0%  | Flicker below 1% |
| Lutron        | Diva     | DVSTV       | 120 | 1.0%  | Flicker below 1% |
| Leviton       | Renoir   | AWSMT-7DW   | 120 | 13.0% |                  |
| Legrand       | Radiant  | RH4FBL3PW   | 120 | 1.0%  | Flicker below 1% |
| Lutron        | Nova T   | NTSTV       | 277 | 5.0%  |                  |
| Leviton       | Decora   | IP710-LFZ   | 277 | 1.0%  | Flicker below 1% |
| Control4      | Adaptive | C4-TV120277 | 277 | 1.0%  | Flicker below 1% |
| Lutron        | Diva     | DVSTV       | 277 | 1.0%  | Flicker below 1% |
| Lutron        | Diva     | AWSMT-7DW   | 277 | 13.0% |                  |
| Legrand       | Radiant  | RH4FBL3PW   | 277 | 1.0%  | Flicker below 1% |

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