

# WAC LIGHTING

Responsible Lighting®

## Dimming Compatibility

ID E2311047V0

**Product Family:** Quill  
**Sku Tested:** PD-59416  
**Related Models:** N/A

**Test Voltage:** 120/277V  
**Control Type:** EV, TRIAC, MLV

**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                |                                |
| <b>Adaptive Phase Dimmers</b>        |                      |               |                  |                        |                                |
| Control4                             | Adaptive             | C4-APD120     | 120              | 8.0%                   | Flicker below 8%               |
| Legrand                              | Adorne Touch (ELV)   | ADTH700RMTUM1 | 120              | N/A                    | Flicker at all dimming level   |
| Legrand                              | Adorne Touch (TRIAC) | ADTH700RMTUM1 | 120              | 58.0%                  | Not Recommended                |
| Legrand                              | Radiant              | RH703PTUW     | 120              | 2.0%                   |                                |
| Legrand                              | Adorne (ELV)         | ADTP703TUW4   | 120              | 15.0%                  |                                |
| Legrand                              | Adorne (TRIAC)       | ADTP703TUW4   | 120              | 5.0%                   | Not Recommended                |
| Cooper                               | AL Series            | AAL06         | 120              | 10.0%                  | Flicker below 10%              |
| Control4                             | Adaptive             | C4-APD277     | 277              | 2.0%                   |                                |
| <b>Reverse Phase Dimmers (ELV)</b>   |                      |               |                  |                        |                                |
| Lutron                               | Nova T               | NTELV-600     | 120              | 8.0%                   |                                |
| Lutron                               | Diva                 | DVELV-300P    | 120              | 5.0%                   |                                |
| Lutron                               | Maestro              | MAELV-600     | 120              | 1.0%                   |                                |
| Lutron                               | Skylark              | SELV-300P     | 120              | 5.0%                   |                                |
| Leviton                              | Illumatech           | IPE04-1LZ     | 120              | 8.0%                   | Flicker below 8%               |
| Lutron                               | Maestro              | RRD-6NA       | 120              | 1.0%                   |                                |
| Leviton                              | SureSlide            | 6615-P0W      | 120              | 20.0%                  | Flicker below 20%              |
| Leviton                              | Decora               | DSE06-10Z     | 120              | 4.0%                   |                                |
| Lutron                               | Caseta               | PD-5NE        | 120              | 7.0%                   |                                |
| Lutron                               | Homeworks            | HRD-5NE       | 120              | N/A                    | Flashing at all dimming levels |
| Lutron                               | Homeworks            | HQRD-6NA      | 120              | 1.0%                   |                                |
| Leviton                              | Renoir II            | AWSMT-EBW     | 120              | 0.9%                   |                                |
| Lutron                               | Grafik-Eye           | GRX-3103-A-G  | 120              | 1.0%                   |                                |
| Leviton                              | Renoir II            | AWSMT-EBW     | 277              | 90.0%                  |                                |
| Lutron                               | Grafik-Eye           | GRX-3103-A-G  | 277              | 92.0%                  |                                |
| <b>Forward Phase Dimmers (TRIAC)</b> |                      |               |                  |                        |                                |
| Lutron                               | Maestro              | MACL-153M-WH  | 120              | 7.0%                   | Flicker below 7%               |
| Lutron                               | Diva                 | DVCL-153P     | 120              | 33.0%                  | Flicker below 33%              |
| Legrand                              | Adorne Paddle        | ADPD453LW2    | 120              | 18.0%                  |                                |
| Lutron                               | Ariadni              | AYCL-153PH    | 120              | 5.0%                   | Flicker below 5%               |

Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. This report reflects WAC'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 WAC Lighting, and therefore WAC Lighting cannot ensure future compatibility. For any questions on this report, please contact WAC Lighting Customer Service at 1-800-526-2588 or sales@wacighting.com.

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| Forward Phase Dimmers (TRIAC) Cont. |           |             |     |       |                               |
|-------------------------------------|-----------|-------------|-----|-------|-------------------------------|
| Lutron                              | Skylark   | SCL-153P-WH | 120 | 27.0% | Flicker below 27%             |
| Lutron                              | Maestro   | MA-600-WH   | 120 | 58.0% | Flicker at high dimming level |
| Leviton                             | SureSlide | 6674-POW    | 120 | 19.0% | Flicker below 19%             |
| Lutron                              | Caseta    | PD-6WCL     | 120 | 12.0% | Flicker below 12%             |
| Legrand                             | Harmony   | HCL453PW    | 120 | 22.0% | Flicker below 22%             |
| Legrand                             | Radiant   | RHCL453PW   | 120 | 29.0% | Flicker below 29%             |

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