

PLUS Series | P3R 3-Inch Downlight Dimming Specifications

- Incandescent 120V AC Dimmers adjust the light with Forward Phase Control, where the Dimmer “chops” the forward part of the AC Wave to deliver less or more power to the light source. No Neutral Wire Connection required.
- Electronic Low Voltage 120V AC Dimmers adjust the light with Reverse Phase Control, where the Dimmer “chops” the back part of the AC Wave to deliver less or more power to the light source. Neutral Wire Connection required.
- 0 –10V DC Low Voltage Dimmers operate using two (2) Low Voltage Dimming Wires that are separate from the 120V or 277V AC Power. The Dimmer sends a Variable Output Voltage to the luminaire based upon the dimming level. 10V Corresponds to undimmed operation, 5V to 50% and so on. Switching On/Off

is controlled with the Line Voltage Power Input to the Dimmer (120V or 277V AC). Dimming operation is controlled with the 0 –10V DC Low Voltage Wiring Connection between the Dimmer and the LED Driver. The Control Signal runs on two (2) low voltage control wires color coded Violet and Pink/Gray.

- Lutron EcoSystem Drivers provide continuous dimming from 1% –100%. For a complete list of compatible Dimmers and Controls, visit www.lutron.com
- Use DALI approved Controls for dimming eldoLED ECOdrive, 1% Dimming (Dimming Option MVD7) and eldoLED SOLOdrive, 0.1% Dimming (Dimming Option MVD9).

| MANUFACTURER | PRODUCT | MODEL | LIGHT OUTPUT | | | |
|----------------|----------------|-----------|---------------------------------|---------------|-----------------------------------|------------------------------------|
| | | | MVD Forward/Reverse Phase | MVD2 0-10V | MVD6 eldoLED ECOdrive 0-10V | MVD8 eldoLED SOLOdrive 0-10V |
| Leviton | IllumaTech | IPI06-1LZ | 1%-100% | NA | NA | NA |
| Leviton | Vizia | VPE06 | 9%-100% | NA | NA | NA |
| Leviton | Trimatron | 6683-IW | 6%-100% | NA | NA | NA |
| Leviton | Decora | 6161 | 15%-100% | NA | NA | NA |
| Leviton | SureSlide | 6633-P | 1%-100% | NA | NA | NA |
| Leviton | IllumaTech | IPE04 | 6%-100% | NA | NA | NA |
| Leviton | IllumaTech | IP710-DLX | NA | 1%-100% | 1%-100% | 0.1%-100% |
| Cooper | Devine | DLC03P | 1%-100% | NA | NA | NA |
| Cooper | Skye | SLC03P | 0%-100% | NA | NA | NA |
| Cooper | Decorator | DAL06P | 0%-100% | NA | NA | NA |
| Pass & Seymour | Titan | CD4FB-W | NA | 1%-100% | 1%-100% | 0.1%-100% |
| Synergy | ISD Series | ISD BC | NA | 1%-100% | 1%-100% | 0.1%-100% |
| Watt Stopper | Miro Decorator | DCLV1 | NA | 1%-100% | 1%-100% | 0.1%-100% |
| Lutron | Ariadni | TGCL-153P | 1%-100% | NA | NA | NA |
| Lutron | Ariadni | TG-600P | 13%-100% | NA | NA | NA |
| Lutron | Diva | DVCL-153P | 1%-100% | NA | NA | NA |
| Lutron | Diva | DV600P | 6%-100% | NA | NA | NA |
| Lutron | Diva | DVELV303P | 6%-100% | NA | NA | NA |
| Lutron | Diva | DVTV | NA | 1%-100% | 1%-100% | 0.1%-100% |
| Lutron | Faetra | FAELV500 | 12%-100% | NA | NA | NA |
| Lutron | Lumea | LG600P | 8%-100% | NA | NA | NA |
| Lutron | Maestro | MAELV600 | 16%-100% | NA | NA | NA |
| Lutron | Nova | NFTV | NA | 1%-100% | 1%-100% | 0.1%-100% |
| Lutron | Nova T | NTFTV | NA | 1%-100% | 1%-100% | 0.1%-100% |
| Lutron | Skylark | S-603PG | 5%-96% | NA | NA | NA |
| Lutron | Skylark | S600P | 5%-100% | NA | NA | NA |
| Lutron | Skylark | SELV300P | 10%-100% | NA | NA | NA |
| Lutron | Skylark | CT103P | 9%-100% | NA | NA | NA |

NOTES

1. Testing was performed with a single luminaire connected to Dimmer.
2. Testing has been performed on these Dimmers, but this does not imply any warranty of compatibility.
3. Dimming performance can be influenced by different Loads, as well as variations in Dimmer Switches within the same Model.
4. Dimmer Maximum Load Rating with LEDs may differ from published Traditional Source Dimmer Ratings. Consult manufacturer for maximum Dimmer information.
5. Consult factory for additional dimming information.