



Compatible 0-10V dimmers, switches and dimming control systems

Compatibility between dimmers/switches/dimming control systems and LED driver is a key factor of success in high-end LED lighting applications. It is these two components that play a major role in the quality of dimming.

The human eye perceives brightness in a nonlinear way. Furthermore, the dimming curve type used by the dimmers, switches and dimming control systems varies per brand. To ensure a perfect dimming experience where the brightness increase or decrease is experienced by the human eye in a linear fashion, eldoLED drivers let you tailor the dimming response, whichever dimming curve is used by the dimmer, switch or dimming control system.

If your application requires it, a minimum dimming level can be easily set with your eldoLED driver as well.

0-10V dimmers and switches compatible with SOLOdrive 1061 and 561

Dimmer manufacturer	Website	Type	Recommended dimming curve for SOLOdrive 1061
Busch-Jaeger	www.busch-jaeger.de	2112U-101	Logarithmic
Jung	www.gb.jung.de	240-10	Logarithmic
Leviton Lighting Controls	www.leviton.com	IllumaTech - IP710-DLX	Logarithmic
Lightolier Controls	www.lightolier.com	ZP600FAM120	Logarithmic
Lutron Electronics	www.lutron.com/LEDtool	Nova T - NTFTV Diva - DVTV Diva - NFTV	Linear Linear Linear
Merten	www.merten.de	5729	Logarithmic
Pass & Seymour	www.legrand.us	CD4FB-W	Logarithmic
The Watt Stopper	www.wattstopper.com	DCLV1	Logarithmic

Dimming control systems compatible with SOLOdrive 1061 and 561

Control manufacturer	Website	Type	Recommended dimming curve for SOLOdrive 1061
Lutron Electronics	www.lutron.com/LEDtool	GraphicEye - GRX-TVI w GRX3503 Energy Savr Node - QSN-4T16-S TVM2 Module	Linear Linear Linear

If your application's dimmer, switch or dimming control is not listed, and you wish to know more about its compatibility with the SOLOdrive, please contact our technical support department at nasupport@eldoled.com (US/Canada) or support@eldoled.com (Europe and Rest of World) .

Configuring SOLOdrive 1061 or 561 for a linear or logarithmic dimming curve

To configure SOLOdrive for a linear or logarithmic dimming curve, you need to install the freely downloadable FluxTool software on your PC or Mac, and connect a TOOLbox pro to this PC or Mac and to your SOLOdrive's LEDcode connectors.

Then, start the FluxTool software to set the appropriate dimming curve (1) and minimum dimming level (2). Note that the factory default setting for the dimming curve is 'Logarithmic'. To save the new setting to the driver, click the Write button.

For detailed information on how to connect and work with the TOOLbox pro and FluxTool software, refer to the TOOLbox pro quick start guide.



Configuring the dimming curve (1) and minimum dimming level (2) in FluxTool software

TOOLbox pro ordering information

Description

LEDcode, DALI & DMX parameter programmer, USB to LEDcode/DALI/LedSync/DMX interface

Product

TOOLbox pro

Order no.

TLU20502