eldoLED
your product | *our drive*

Light is our passion

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.

The eldoLED drivers to which this compatibility sheet applies include:

eldoLED constant current AC drivers	
30W	SOLOdrive 361, ECOdrive 361
50W	SOLOdrive 561, SOLOdrive 566, ECOdrive 561, ECOdrive 566
100W	SOLOdrive 1061

eldoLED constant voltage DC drivers	
8A	LINEARdrive 211D

Compatible 0-10V dimmers and switches

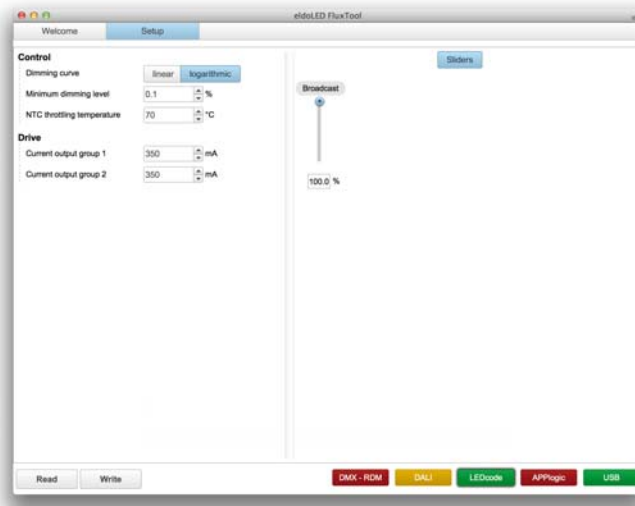| Dimmer manufacturer	Website	Type	Recommended dimming curve
Busch-Jaeger	www.busch-jaeger.de	2112U-101	Logarithmic
Jung	www.gb.jung.de	240-10	Logarithmic
Leviton Lighting Controls	www.leviton.com	IllumaTech - IP710-DLX	Logarithmic
Lightolier Controls	www.lightolier.com	ZP600FAM120	Logarithmic
Lutron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

Compatible dimming control systems

Control manufacturer	Website	Type	Recommended dimming curve
Lutron Electronics	www.lutron.com/LEDtool	GraphicEye - GRX-TVI w GRX3503	Linear
		Energy Savr Node - QSN-4T16-S	Linear
		TVM2 Module	Linear
Crestron	www.crestron.com	GLX-DIMFLV8	Logarithmic
		GLXP-DIMFLV8	Logarithmic
		GLPAC-DIMFLV4-*	Logarithmic
		GLPAC-DIMFLV8-*	Logarithmic
		GLPP-DIMFLVEX-PM	Logarithmic
		GLPP-1DIMFLV2EX-PM	Logarithmic
		GLPP-1DIMFLV3EX-PM	Logarithmic
		DIN-AO8	Logarithmic
		DIN-4DIMFLV4	Logarithmic
		CLS-EXP-DIMFLV	Logarithmic
		CLCI-1DIMFLV2EX	Logarithmic
ABB	www.abb.com/KNX	SD/S 2.16.1	Logarithmic

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

Configuring your LED driver for a linear or logarithmic dimming curve

To configure your LED driver 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 driver's LEDcode connectors.
Then, start the FluxTool software to set the appropriate dimming curve and minimum dimming level. Note that the factory default setting for the dimming curve is 'Logarithmic'. To save the new setting to the driver, click the Write button.

Note that the LINEARdrive 211D's dimming curve is preconfigured when ordered. 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 and minimum dimming level in FluxTool software

TOOLbox pro ordering information

Description	Product	Order no.
TOOLbox pro, LEDcode, DALI & DMX parameter programmer	TOOLbox pro	TLU20503