

0-10V Dimming

Use drivers that are compatible with 0-10V DC low voltage dimmers. 0-10V DC dimmers are quite commonly used with 0-10V fluorescent dimming ballasts such as Mark-7®, Quicktronic Helios™ or TVE™ that operate using two low voltage dimming wires that are separate from the 120V AC or 277V AC power. Switching on/off is controlled via the line voltage power (120V AC or 277V AC) input to the dimmer and then 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 low voltage control wires (color coded violet and gray).

Dimmer Matrix

0-10V DC Dimmers

Cooper Lighting Solutions Wiring Devices

DEVINE DF10P Single-Pole & 3-Way, 0-10V dimming control with integrated ON/OFF switch

SKYE SF10P Single-Pole & 3-Way, 0-10V dimming control with integrated ON/OFF switch

Lutron®

Nova-T ↕®	NTFTV- and PP-20 relay	Grafik Eye ®	QS
Nova ®	NFTV- and PP-20 relay		QSG-P120
Radio Touch ®	RTA-RX-F-347		GRX-IT
	RTA-RX-F-347		
	RTA-WX-		
	RTA-TX-		

Leviton

IllumaTech™ IP710-DL

Lutron® Dimming

Hi-lume Lutron LED can be controlled with Lutron 3 wire fluorescent controls, including:

Dimmer Matrix

Lutron 3 Wire Dimming

Ariadni ®	GRAFIK 6000 ™	Radio RA ®
Diva ®	GRAFIK 7000 ™	Radio Touch ®
Energi Savr Node ™	Lyneo LX ™	Skylark ®
GRAFIK Eye ®	Maestro ®	Vareo ®
GRAFIK Eye ® QS	Nova ®	Vierti ®
GRAFIK 5000 ™	Nova-T ↕®	

Lutron - Panel Systems

Commercial Systems	Grafik Eye QS	Grafik Eye QS Main Unit - use with PHPM-PA for reverse phase control
Residential Systems	Grafik Eye QS	Grafik Eye QS Main Unit - use with PHPM-PA for reverse phase control

Application Notes

1. LED Dimming performance may vary from incandescent and fluorescent dimming. Performance results may vary based upon dimmer model, manufacturer, circuit wiring and circuit loading.
2. Consult dimmer manufacturer for the latest dimmer information, line voltage rating and compatibility.
3. Dimmer maximum load rating with LED may differ from published dimmer ratings. Consult dimmer manufacturer for further information
4. There are no warranties of performance or compatibility implied.

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Incandescent Digital Dimmers (also called Smart or Multi-Location) require an incandescent load. For circuit loads with LED modules only - use electronic low voltage dimmers, (Refer to Electronic Low Voltage dimmer matrix)

Note: Specifications and Dimensions subject to change without notice.
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