

# USAI Dimming Drivers Cheat Sheet

DIMMING PROTOCOL	VOLTAGE	1% DIMMING/ 10% PERCEIVED OUTPUT	0.1% DIMMING/ 1% PERCEIVED OUTPUT	BENEFITS
PHASE 2-WIRE	120V ONLY	D19/HATCH 2-WIRE		Compatible dimmers list includes both forward and reverse phase dimmers
		D21/ERP 2-WIRE		
0-10V	120V-277V UNV	D6E/ELDOLED LINEAR*	D6A/ELDOLED LINEAR*	most universally applicable dimming driver we offer
		D6F/ELDOLED LOGARITHMIC**	D6B/ELDOLED LOGARITHMIC**	Excellent low end light level granularity for theaters
		D36T / MOONS 2-CHANNEL		2-channel driver eliminates need for in-fixture color controller
TRIMODE	120V ONLY FOR PHASE, 120V-277V FOR 0-10V	D22 / ERP D29 / ERP D31 / HATCH		Customers can decide whether to install as phase or 0-10V at job site
LUTRON ECOSYSTEM	120V-277V UNV	D4H/LUTRON H SERIES ECO		Can be replaced by D6E/F with Lutron 0-10 module Only available with Classic White
		D4C/LUTRON ECO		Only available with USAI color technologies - Warm Glow and Color Select tunable white
DALI	120V-277V UNV	D7E/ELDOLED LINEAR* D7F/ELDOLED LOGARITHMIC**	D7A/ELDOLED LINEAR* D7B/ELDOLED LOGARITHMIC**	Offers same individual fixture addressability as Lutron EcoSystem
		D37T / MOONS 2-CHANNEL D7T/ELDOLED 2-CHANNEL		2-channel driver eliminates need for in-fixture color controller
DMX	120V-277V UNV	D8E/ELDOLED DMX LINEAR* D8F/ELDOLED DMX LOGARITHMIC**	D28/ELDOLED DMX LINEAR* D8A/ELDOLED DMX LINEAR* D8B/ELDOLED DMX LOGARITHMIC**	Individual fixture addressing and control with DMX controls
			D23X1 / ELDOLED DMX4-CHANNEL	For use with Infinite Color+ WRGB only
WIRELESS	120V-277V UNV	D30/LUTRON ATHENA		Individual fixture dimming with Lutron Athena Wireless controls
		D30T/LUTRON ATHENA TUNABLE WHITE		

**KEY:**

No additional cost

For use with Color Select Tunable White only

\*Linear = Generally paired with logarithmically programmed dimmers.

\*\*Logarithmic = Generally paired with linearly programmed dimmers.

Please always reference USAI documentation for compatible dimmers, wiring diagrams, and more.