

# Dimmer Products

## **I am using the QolorFlex 2x5A Show DMX Neo Dimmer (Legacy Version) what do the different curves do?**

The ISL (Inverse Square Law) Curve is intended for incandescent lamp dimming and is similar to a conventional mains-powered lighting dimmer curve. The PWM period for ISL is 60Hz.

The NON-DIM function is intended for relays and other devices requiring switched power without PWM dimming.

The Linear Curve is a simple linear scale that can be used to drive DC integrators or other devices where linear response needed. The Linear PWM period is 60Hz.

The LED Curve is intended for controlling LEDs but may be used for other specialized loads.

The LED Curve Modes have been optimized for flicker free performance in TV and Film applications. All settings have been camera tested with motion picture film and digital cameras. The settings are different to allow compensation for variations in shutter speed and shutter angle. A camera test is recommended to confirm the correct setting has been selected.

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Author: Jannelle VanEtten

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