

# Universal Dimming LED Drivers

Outstanding LED dimming performance, architectural-quality brightness control, and dimmer compatibility. New Universal Dimming LED Drivers work with most dimmers and are excellent for any type of dimmable LED lighting requiring constant voltage – from LED strips, modules, and light bars to puck and accent lights.

- Delivers smooth, stable, flicker-free dimming with soft start and desirable fade-on and fade-to-dark performance
- When a dimmer is set to full brightness, *The MD45W12VA driver delivers full brightness* – there is no loss of top-end light output
- No minimum lighting load required for wide range dimming
- No de-rating, load up to 100% of the model's rated capacity
- For large area lighting brightness control, connect multiple LED drivers to a single 120-volt AC dimmer switch
- 12 volt DC constant voltage output model MD45W12VA available in 45 watts (12VDC)
- Compatible with both single color and color-changing LED lighting
- Thin profile: 24 watt is ¾ in. thick, 96 watt is less than 1 in.
- Direct wire or plug-in configurations are available
- Rated for 30,000 hours when at 100% power, 24 hours a day; 50,000 hours if only on 8-12 hours a day
- Class 2 power unit with Class II AC inputs, fully isolated case – no ground wire is required (96 watt models or less)
- Auto reset protection in case of lighting overload, open circuit, short circuit, over-temperature, or over voltage
- Indoor/outdoor – ETL listed for dry or damp locations

*Dimming drivers are inspector- and code-friendly and come with detailed instructions to ensure installation is in compliance with NEC® Article 406.15 (2014 edition).*



**Compatible with most dimmers and lighting controls, including:**

- Legacy incandescent standard phase TRIAC dimmers
- Electronic ELV reverse phase trailing edge dimmers
- Magnetic, Low-Voltage (MLV) leading edge dimmers
- 12 volt low voltage Pulse Width Modulation (PWM) dimmers and RGB color controllers



*For direct wire connection, The MD45W12VA drivers have sturdy, built-in terminal block connectors to accept 14 gauge solid core cable (Romex® style)*



*Drivers comes with AC cord with plug*



*Optional wet location enclosure shown holding two MD45W12VA LED drivers.*



Limited five-year warranty

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