

This document lists third-party wall-dimmers that have been tested for compatibility with the CENTRIC SERIES™ LED Power Supply. This is not an exhaustive list, and updates with new dimmer models will be provided as they become available.

Wall-dimmers are mounted in-wall and operate at line voltage (e.g. 120 volts) using alternating current (AC). LED strip lights require low voltage (e.g. 12 volts) and direct current (DC), so a *dimnable* power supply such as the CENTRIC SERIES™ must be installed in between the LED strip lights and the dimmer circuit.

Due to the wide range of dimmer types and models, there is a wide variation in terms of compatibility and performance. While the CENTRIC SERIES™ is designed to be compatible and approved for use with all forward-phase, reverse-phase / ELV and magnetic low voltage (MLV) dimmers, we maintain this list to provide customers with additional insights into dimming performance, particularly with respect to minimum dimming levels.

APPLICABLE WAVEFORM LIGHTING PART NUMBERS

12V/10A:	3093.120
24V/4A†:	3094.096, 3102

†Meets Class 2 rating

Minimum Dimming Level

The minimum dimming level represents the amount of light emitted by the LED strip light when the wall-dimmer is set to its minimum dimmer setting. A minimum dimming level value of 10% indicates that a 1000 lumen LED strip will still emit 100 lumens when the wall-dimmer is set to its lowest dimmer setting.

Generally, wall-dimmers that have a minimum dimming level as close to 0% is preferred, as this maximizes the dimming range, and allows for the LED strip installation to dim all the way down until no light is emitted.

Using Unlisted Wall-Dimmers

The CENTRIC SERIES™ LED power supplies are designed to be compatible with all forward-phase, reverse-phase / ELV and magnetic low voltage (MLV) dimmers. This document lists dimmers that have been *tested and verified*, but dimmers not shown on this list are also approved for use and will not void our warranty.

Especially when using an unlisted wall-dimmer, as well as for larger installations, we recommend performing a quick test prior to permanent installation to ensure dimmer compatibility and performance. In the rare event that a compatibility or performance issue is observed, please contact us for technical support and/or to process a free order return or exchange.

LUTRON® PHASE DIMMERS

	Model Number	Product Name	Minimum Dimming Level
Lutron	PD-6WCL	Caséta™ Wireless In-Wall Dimmer	0%
Lutron	SCL-153P-XX	Skylark® C-L® Dimmer	0%
Lutron	DVCL-153P-XX	Diva® LED+® Dimmer	0%
Lutron	DVWCL-153P-XX	Diva® LED+® Dimmer	0%
Lutron	CTCL-153P-XX	Skylark® Contour™ / C-L® DIMMER	0%
Lutron	STCL-153P-XX	Sunnata® LED+ Dimmer	0%
Lutron	TGCL-153P-XX	Ariadni® LED+ Dimmer	0%
Lutron	TGCL-153P-XX	Ariadni® LED+ Dimmer	0%
Lutron	MACL-153M-XX	Maestro® LED+ Dimmer	5%
Lutron	CT-600P-XX	Skylark® Contour™ Incandescent	5%
Lutron	CT-603P-XX	Skylark® Contour™ eco-dim Dimmers	9%
Lutron	CT-103P-XX	Skylark® Contour™ 1000 W Incandescent/Halogen	8%
Lutron	DV-600P-XX	Diva® Incandescent / Single-Pole	5%
Lutron	DVW-603P-XX	Diva® Incandescent / 3-Way	4%
Lutron	TG-600P-XX	Ariadini® Incandescent 600W	8%
Lutron	TG-10P-XX	Ariadini® Incandescent 1000W	15%
Lutron	S-600P-XX	Skylark® Incandescent / Halogen	4%

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Notes on Lutron Dimmer Compatibility

Our tests suggest that Lutron's newer dimmers designed for LED lamps (LED+®, C-L®) offer the best performance in terms of minimum dimming level. Most of these dimmers include an adjustment dial that allows for calibration of the minimum dimmer setting.

Although Lutron's legacy products are not specifically marketed for use with LED products, their use of forward-phase dimming is compatible with the CENTRIC SERIES™ dimmable LED power supplies.

Lutron's model numbers include numerous designators that indicate variants of the same base product, most of which do not affect dimming compatibility.

The last two letters generally indicate wall-plate cover color, which has no bearing on dimming performance. Our list above uses XX as a placeholder for any wall-plate cover color code. For example, SCL-153P-WH (white) is the same underlying dimmer as SCL-153P-GR (gray).

Additionally, Lutron uses the letters R and H after the base model number to distinguish product packaging styles. The letter R indicates retail packaging, while the letter H indicates clamshell packaging. For example, SCL-153PR-WH (retail) is the same underlying dimmer as SCL-153P-WH.

Packaging, of course, does not affect dimming performance, so model number variations for packaging variants can be safely disregarded.

LEVITON® PHASE DIMMERS

	Model Number	Product Name	Minimum Dimming Level
Leviton	VPI06-1LZ	vizia+® Commercial Grade Incandescent Dimmer	15%
Leviton	TTI06-1LZ	True Touch™ Decora Touch Dimmer - Incandescent	1%
Leviton	IPL06	decora® IllumaTech®	15%
Leviton	6672	decora® SureSlide®	15%
Leviton	6602	Trimatron® Deluxe Rotary Dimmer	10%
Leviton	6683	Trimatron® Deluxe Push Rotary Dimmer	12%

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