

Renoir™ II

Commercial Architectural Wallbox Dimmers

The Leviton Renoir™ II line of architectural wall box dimmers supports an unparalleled number of applications using a minimum number of SKUs. Renoir™ II high performance dimmers support all load types and configurations. Performance, aesthetics, multi-location dimming, and multi-gang capabilities make Renoir™ II a highly functional yet elegant solution for architectural dimming control.

Renoir™ II



Features and Benefits

- Universal voltage — 120-277V, 60 Hz (excludes non-neutral models)
- Multi-location dimming — up to 5-way dimming
- Remote dimmers and switches
- Connect up to 5 devices, max 250' on 1 traveler wire
- Remotes control all connected master dimmers
- Masters always operate independently
- Locator indicator — illuminates when dimmer is off for easy location in a dark room
- 0-10V Control LED
- Non-neutral models — for retrofit applications
- Configurable cut-off level — allows user configuration of cut-off point and automatically recalibrates to allow maximum control from cutoff point to full output
- Smooth-action, linear captive slide control — easy, precise adjustment of lighting levels
- Easy-touch preset switch turns lights ON at last selected brightness level
- Clean and stylish appearance
- Fits standard commercial 2 1/2" deep wall boxes*
- Decora® wallplates coordinate with Leviton's extensive line of Decora® devices
- Fins are easily removed for multi-gang applications
- No visible metal heat sinks, fins, or mounting hardware
- Solid state triac dimming — saves energy when dimming, extends lamp life, and reduces maintenance costs
- Flicker-free, smooth, and continuous dimming — reduces light fluctuations from line voltage variation and maintains the power delivered to the lamp
- Power failure memory — light is restored to the same levels set prior to the power failure or power interruption
- Surge protection — tested to withstand surges of 6000V, 200A (ANSI/IEEE Std. C62.41-1980)
- Electrostatic discharge protection — protects dimmer against static discharge up to 16,000V
- Advanced technology engineered heat sinks — transfers heat away from essential electrical components for extended product life
- Square law dimming — slider position indicates the perceived light level
- RFI filtering — reduces interference with radio, audio, and video equipment
- Accessible air gap feature — completely disconnects power from the load when lights are off for safety when changing lamps (available on select models; consult factory for additional details)
- LED Ready

*Field configurable multi-gang boxes not supported.

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Models/Supported Load Types

Incandescent

- 120V, 60Hz non-neutral (1-Wire (Dimmed Hot))
- 120-277VAC, 60Hz (with neutral) {2-Wire (Dimmed Hot + Neutral)}
- Forward Phase Dimmer
- Square Law Dimming
- Symmetrical AC Waveform for all load types
- Incandescent: Minimum load requirement 40W @ 120V, 100W @ 277V
- Tungsten: Minimum load requirement 40W @ 120V, 100W @ 277V
- Magnetic Low Voltage: Minimum load requirement 50W @ 120V, 100W @ 277V
- Forward Phase Control Electronic Low Voltage Transformers (with neutral): Minimum load requirement 50W @ 120V, 100W @ 277V
- Forward Phase Control LED Drivers (with neutral): Minimum load requirement 50W @ 120V, 100W @ 277V
- Forward Phase Control Neon/Cold Cathode Ballasts (with neutral): Minimum load requirement 50W @ 120V, 100W @ 277V

Electronic Low Voltage — 2-Wire (Dimmed Hot + Neutral)

- 120-277VAC, 60Hz
- Reverse Phase Dimmer
- Square Law Dimming
- Forward or Reverse Phase Control Electronic Low Voltage Transformers
- Phase Control LED Drivers
- Forward or Reverse Phase Control Neon/Cold Cathode Ballasts
- Incandescent/Tungsten
- No minimum load

Ballast — 0-10V

- 120-277VAC, 60Hz
- Linear Dimming
- Any ballast (or LED driver) requiring 0-10V “sinking” control, e.g., — Leviton Sector®, Advance Mark 7®, Universal SuperDim®, Lutron TVE™, Sylvania Quicktronic® Powersense™
- No minimum load

Ballast — 2-Wire Control (Dimmed Hot + Neutral)

- 120-277VAC, 60Hz
- Linear Dimming
- Forward Phase Control, e.g., — Advance Mark 10®, Sylvania Quicktronic® Powersense™, Lutron Tu-Wire®
- Minimum load requirement 64W @ 120V, 128W @ 277V

Ballast — 3-Wire Control (Switched Hot + Dimmed Hot + Neutral)

- 120-277VAC, 60Hz
- Linear Dimming, e.g., Lutron Hi-Lume®, Lutron Eco-10®
- No minimum load

Switch

- 120-277VAC, 60Hz
- Tungsten Loads
- Resistive Loads
- Inductive Loads
- Motor Loads
- Transformer Loads
- No minimum load

Fan Speed

- 120-277VAC, 60Hz
- Any quantity of ceiling paddle fans up to maximum current rating
- Any fan up to 5A, paddle fan up to 8.3A
- Patent-pending Super Silent Technology (SST) allows “quiet” performance with fully variable control
- No minimum load

Product Selection Guide — Ordering Chart

To select and order:

1. Confirm load type and voltage
2. Calculate total load
3. Identify control locations
4. Select control aesthetics, dimmers and remotes
5. Choose wallplates and, if desired, color change kits from next few pages

Renior II Product Selection Guide								
Slide Standard								
Load Type	120V		230V		277V		Heat Sink Width	Cat. No.
	Load	LED Load	Load	LED Load	Load	LED Load		
Incandescent (No Neutral)	600W	300W	—	—	—	—	Narrow	AWSMG-IAW
	1000W	500W	—	—	—	—	Narrow	AWSMG-IBW
	1500W	750W	—	—	—	—	Wide	AWSMG-ICW
	1920W	960W	—	—	—	—	Wide	AWSMG-IDW
Incandescent/ Magnetic Low Voltage	600W	300W	1150W	575W	1385W	692W	Narrow	AWSMG-MAW
	1000W	500W	1917W	958W	2308W	1154W	Narrow	AWSMG-MBW
	1500W	750W	2875W	1437W	3463W	1731W	Wide	AWSMG-MCW
	1920W	960W	3680W	1840W	4432W	2216W	Wide	AWSMG-MDW
Fluorescent 0-10V	1920W	1920W	3680W	3680W	4432W	4432W	Narrow	AWSMG-7DW
Mark 10® or Lutron 2-Wire	600W	—	1150W	—	—	—	Narrow	AWSMG-XAW
	1000W	—	1917W	—	—	—	Narrow	AWSMG-XBW
	1500W	—	2875W	—	—	—	Wide	AWSMG-XCW
	1920W	—	3680W	—	—	—	Wide	AWSMG-XDW
Lutron 3-Wire	600W	—	1150W	—	—	—	Narrow	AWSMG-HAW
	1000W	—	1917W	—	—	—	Narrow	AWSMG-HBW
	1500W	—	2875W	—	—	—	Narrow	AWSMG-HCW
	1920W	—	3680W	—	—	—	Narrow	AWSMG-HDW
Electric Low Voltage	600W	300W	1150W	575W	—	692W	Wide	AWSMG-EAW
	1000W	500W	1917W	959W	—	1154W	Wide	AWSMG-EBW
Fan Speed Control	600W	—	1150W	—	—	—	Narrow	AWSMG-QAW
	1000W	—	1917W	—	—	—	Narrow	AWSMG-QBW
Switch	1800W	1800W	3450W	3450W	4155W	4155W	Narrow	AWWMG-00W
Remote	—	—	—	—	—	—	Narrow	AWWRG-00W