



Elegant Aesthetics with LED Ready Controls
Superior dimming control for LED fixtures

Renoir™ II Architectural Dimming for 0-10V LED Lighting
UNPARALLELED LED DIMMING PERFORMANCE FROM THE INDUSTRY'S LEADER

LED lighting has rapidly become the standard for energy efficiency and modern, comfortable and attractive aesthetics. The Renoir II line of wall box dimmers is available for 0-10V load control—a ready and reliable solution for all LED lighting applications. Add Provolt™ Self-Contained Line Voltage Occupancy Sensors for manual-ON/auto-OFF or auto-ON/auto-OFF LED lighting control, creating a California Title 24 2013 code compliant solution.

Renoir II dimmers contain versatile, advanced features such as:

- Ratings for universal voltage
- Preset slide and rotary configurations
- Up to 5-way, multi-location dimming
- Super Silent Technology (SST) fans consolidate fully variable and fully quiet fan speed controls into a single unit
- Flicker-free, smooth, continuous dimming
- Simplified product selection saves time and resources



PROBLEM

Restaurant desires wall box control user interfaces for high-performance dimmable LED loads with identified 0-10V controllable drivers.

- Restaurant has been designed with 0-10V controllable lighting loads
- Space requires a stand-alone control solution for a space not requiring network connectivity
- Existing wall box controls need to be replaced with LED Ready solutions
- Dimmers must meet the updated, modern and exacting ambiance of the newly designed space
- Areas require occupancy sensing control to switch certain lighting zones manual-ON/auto-OFF

SOLUTION

Renoir II wall box dimmers with 0-10V control are LED Ready for high-performance dimming.

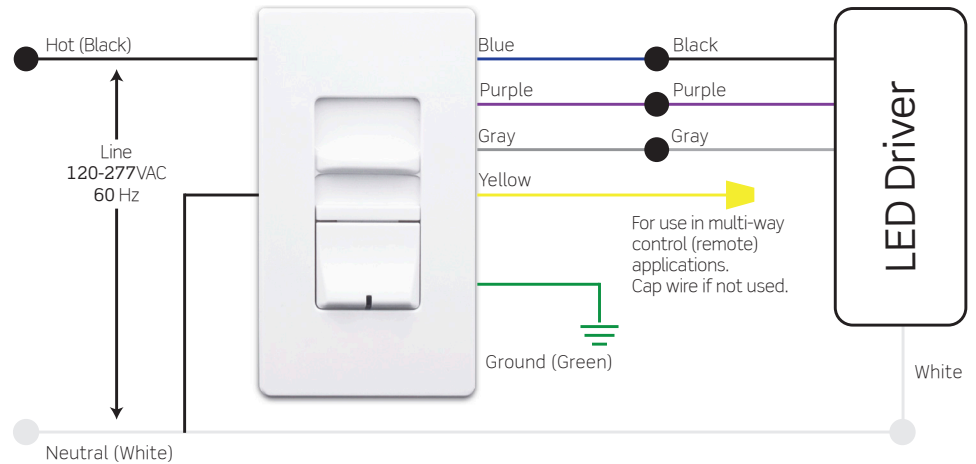
- High-performance, full-range LED dimming
- Universal voltages for all load types
- 0-10V and power control come in the box—no power packs required
- Multi-location remote dimming—up to 5 ways from a single wall box unit
- Single remote to multiple master controls
- Full 16A load support
- 75mA 0-10V “sinking” current available for specific LED applications
- Combine with Provolt Self-Contained Line Voltage Occupancy Sensors, also LED READY and configurable for manual-ON/auto-OFF or auto-ON/auto-OFF LED lighting control

Leviton Manufacturing Co., Inc. Global Headquarters

201 N. Service Rd. Melville, NY 11747-3138 • Tech Line: 1-800-824-3005 • Fax: 1-800-832-9538 • www.leviton.com
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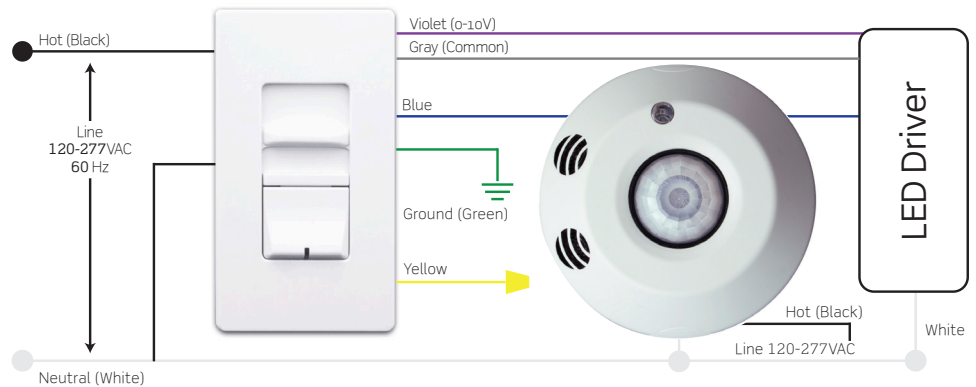
Renoir II 0-10V LED Wiring Diagram

- 2-wire input power to dimmer
- Dimmer switches load ON/OFF
- Dimmer provides 0-10V control signal to control light output
- Min/Max light output and dimming curve are dependent upon driver/lamp performance characteristics
- Use anywhere 0-10V control is used (primarily new installation), or retrofits where 0-10V fluorescent is being replaced with LED



LED Dimming with Line Voltage Occupancy Sensing

- Provolt self-contained occupancy sensors provide manual-ON/auto-OFF or auto-ON/auto-OFF control of LED lighting loads
- Self-contained Provolt includes a photocell and power pack into a single unit
- Renoir II control allows manual override
- Use anywhere 0-10V control is used (primarily new installation), or retrofits where 0-10V fluorescent is being replaced with LED



ORDERING INFORMATION

RENOIR II ARCHITECTURAL DIMMERS & PROVOLT SELF-CONTAINED OCCUPANCY SENSORS		
	Renoir II Preset Slide Control, Thin Heat Sink 120-277VAC 60Hz input power, 16A switching + 0-10V control, white	AWSMT-7DW
	Renoir II Preset Slide Control, Standard Heat Sink 120-277VAC 60Hz input power, 16A switching + 0-10V control, white	AWSMG-7DW
	Renoir II Preset Rotary Control, Standard Heat Sink 120-277VAC 60Hz input power, 16A switching + 0-10V control, white	AWRMG-7DW
	Provolt Self-Contained Occupancy Sensor Line voltage, ceiling mount, 120-277V, extended range lens installed, open and closed loop photocell included, CA Title 20 Compliant	ODCxx-MDW*
Color Change Kits: See data sheet for Renoir II color change kit ordering information—Black, Gray, Ivory, Light Almond and White are available *Indicates square footage—05=5,000 sq ft, 10=10,000 sq ft, 20=20,000 sq ft		

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