



Code-Compliant Wireless Classroom Retrofit Solutions

Flexible, easy-to-install energy management products

LevNet RF™ Wireless Solution for Classrooms

ENERGY HARVESTING PRODUCTS ARE MAINTENANCE-FREE AND EASY TO INSTALL

California Title 24 2013 and ASHRAE Standard 90.1 2010 mandate specific controls for classrooms including occupancy sensing, automatic daylighting control and dimming. Achieve complete classroom code compliance with LevNet RF Wireless Self-Powered Solutions. Combine LevNet RF energy harvesting wireless sensors, controllers and wall stations with marked controlled receptacles to dim and switch lighting loads, including 1-10V LED commercial lighting. LevNet RF products are simple to retrofit and flexible for future change or expansion.



PROBLEM

Education facility must upgrade lighting controls in classrooms to comply with code requirements.

- Must meet all applicable standard requirements for classrooms
- Facility is being upgraded to 1-10V LED lighting
- Retrofit must cause minimal disruption to school operations
- Desire substantial energy savings to offset initial costs and provide continual cost-reduction benefits throughout the lifetime of the devices
- Solution must be low-maintenance and easy to install

SOLUTION

LevNet RF Energy Harvesting Wireless Solutions provide simple installation, continual energy savings and flexible standard compliance.

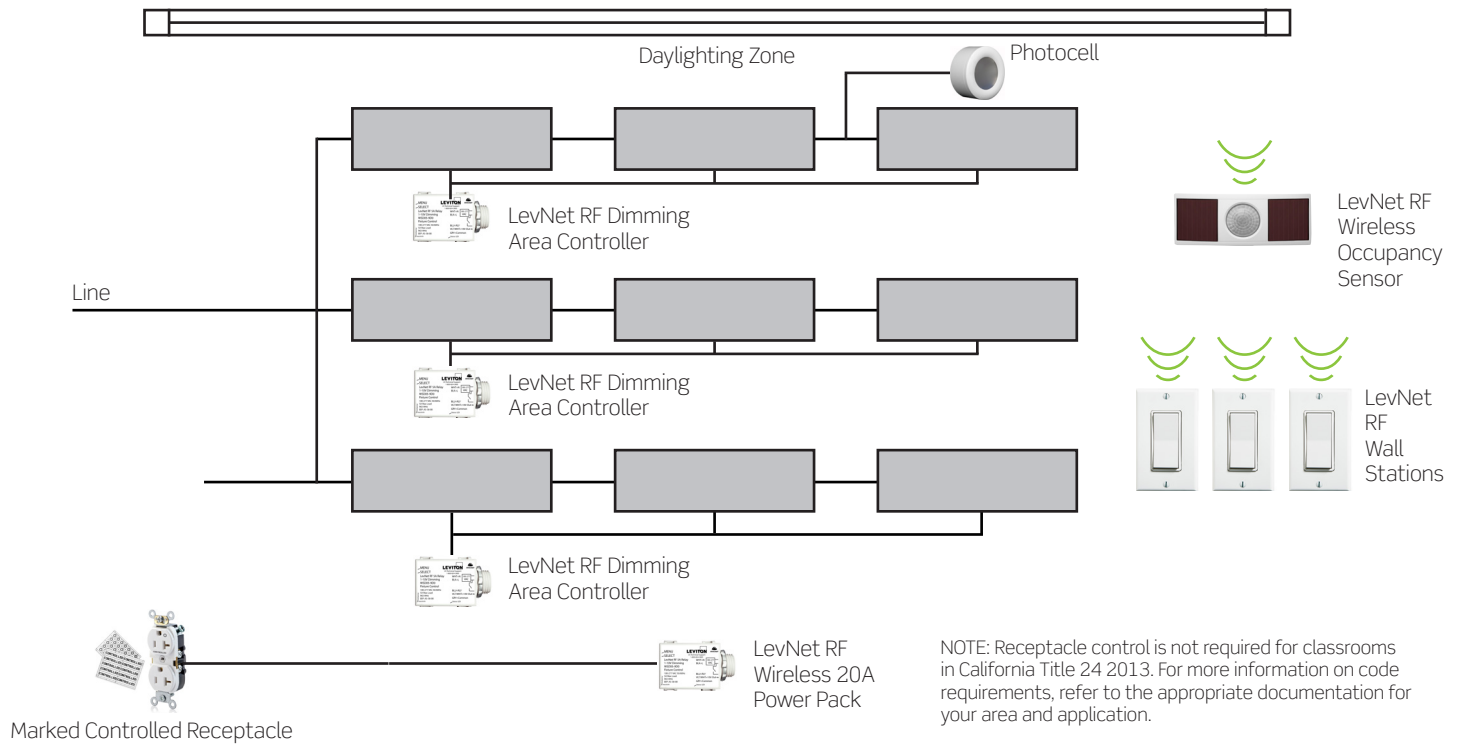
- Solution meets code compliance requirements for classrooms including automatic receptacle control (for ASHRAE Standard 90.1 2010), automatic daylight control, automatic shutoff, lighting control, space control and functional testing
- Provides 1-10V dimming control
- Energy harvesting wireless products require no additional wiring, making installation quick and seamless to facility operations
- Energy harvesting technology is self-powered and requires no batteries, providing monthly reoccurring savings
- No batteries mean no maintenance, and solutions install and program in minutes with no wiring limitations

Leviton Manufacturing Co., Inc. Global Headquarters

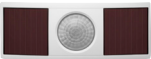





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CODE COMPLIANT CLASSROOM RETROFIT SOLUTION



WHAT YOU WILL NEED

CODE COMPLIANT CLASSROOM RETROFIT SOLUTION		QTY.
	Self-Powered Wireless Occupancy Sensor WSC12-M9N <ul style="list-style-type: none"> Monitors space for occupancy and switches lights OFF when the classroom is vacant 	1
	Dimming Photocell ODC0P-D0W <ul style="list-style-type: none"> Dims lights in daylighting zone based on ambient lighting present 	1
	Wireless 20A Power Pack WSP20-9D0 <ul style="list-style-type: none"> Powers the marked controlled receptacle 	1
	Wireless 0-10V Dimming Area Controller WSD20-9D0 <ul style="list-style-type: none"> Dims the classroom lighting zones based on wireless signals 	3
	Self-Powered Wireless Decora Wall Station WSS0S-S9W <ul style="list-style-type: none"> Manual classroom lighting control 	3
	Marked Controlled Receptacles and Labels 5362-S1W <ul style="list-style-type: none"> ASHRAE 90.1-compliant classroom receptacle control 	1

Disclaimer: This document is for informational purposes only. Each project will have its own specific requirements for satisfying ASHRAE 90.1 standard compliance based on a variety of factors. Other exceptions or details may apply. Review the code for specific requirements and/or consult with a professional advisor. Leviton Mfg. Co., Inc. is not responsible for any loss resulting from the use of any information found in this document. Solutions are subject to change without notice. For additional assistance, contact your local Leviton representative.

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