Intellect™ Integrated Sensors
GreenMAX® DRC Wireless Controls

Project Case Study

High School
Oregon

LEVITON®

Integrated Sensors, GreenMAX® DRC Wireless Controls

A high school in Oregon uses Leviton Integrated Sensors in its new class room annex.

The Challenge

A growing high school in Eastern Oregon was building a new classroom annex with offices, labs, and a reception area when the project ran into supply chain issues and the lighting controls manufacturer couldn't deliver the integrated, in-fixture sensors quoted for the job.

The Installation

The Leviton Controls Quotation Department quickly and easily crossed Leviton Intellect™ Wireless Integrated Fixture Sensors with the competition to install directly into the troffers and linear fixtures already in place.

The integrated sensors met all of the project requirements and ASHRAE 90.1-2019. Leviton was also able to install a suite of GreenMAX DRC products to control indoor and outdoor lighting.

The Solution

Leviton took over the job at a critical time by installing Intellect Wireless Integrated Fixture Sensors (ZL07S) into classroom troffers and linear fixtures.

GreenMAX DRC Wireless lighting controls were installed in each classroom and office including Wireless Keypad Room Controllers (DRKDN) and Power Packs (LU20S, LU107, LU04P).

The Room Controllers were programmed with presets for whiteboards and presentations. The office Room Controllers were programmed to control lighting in corridors and the decorative lighting.

Leviton can get your project back on track with integrated and wireless controls.

Wireless Power Packs were installed to control interior and exterior facade lighting on a schedule.

The contractor who installed the products, trained the school staff on how to use the controls and the Vice Principal easily changed the lighting schedule via the GreenMAX DRC App resulting in no callbacks. The contractor and school administrators were pleased with the quick turnaround and performance of the controls as they met project and state code requirements.

Intellect Integrated Sensors

Designed to be installed directly into luminaries to enable wireless networking in a GreenMAX DRC Wireless Lighting Control System.

The sensors integrate digital Passive Infrared (PIR) occupancy detection and daylight harvesting into a single compact unit.

Wireless Keypad Room Controllers

Specifically designed for use with GreenMAX DRC systems, GreenMAX DRC Digital Keypads utilize LumaCAN protocols for unparalleled programming flexibility. All communication and monitoring functions can be performed from any GreenMAX DRC Digital Keypad location.

Wireless Power Packs

Leviton Wireless Load Control Devices offers three models for 0-10V dimming, phase cut dimming and general purpose switching control including receptacle circuit control. The load control devices wirelessly communicate via a mesh network to a GreenMAX DRC Wireless Keypad Room Controller.

Intellect Integrated Sensors, GreenMAX DRC Wireless Keypad Room Controllers, and Wireless Power Packs can be used to meet IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 occupancy/vacancy sensing and dimming requirements.

Leviton offers spec-ready lighting and control solutions and energy savings for education applications.

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