Intellect™
Integrated and Intelligent Fixture Control System
Controlling Next Generation Lighting

Offering customers a complete end-to-end professional lighting and wireless control solution

Streamlined solution that allows greater freedom of design in almost any space

Professional smart lighting control based on wireless technology
Engineered to simplify energy management and code compliance, the Intellect Intelligent Fixture Control System requires only two devices—Intellect fixtures* and an Intellect Keypad Room Controller—to enable advanced lighting control strategies.

**Easy Energy Savings**
- Intellect fixtures offer essential out-of-the-box functionality, self-contained solutions that can be used to comply with dimming, occupancy/vacancy sensing and daylight harvesting requirements for Title 24, ASHRAE 90.1 and IECC
- Compliant with DesignLights Consortium (DLC) Advanced Lighting Control specifications

**Easy Layout and Design**
- Each Intellect luminaire integrates a sensor which wirelessly communicates with the Keypad Room Controller and other Intellect devices within the space
- No additional gateway or hub needed

**Easy Installation**
- Plug and play operation
- Ladderless commissioning via the Bluetooth-enabled Intellect app

**Easy Operation**
- Configure, monitor, and control the system from an Android or iOS smart device via the Intellect app
- Easily program the Keypad Room Controller to meet lighting needs of any space via the Intellect App
Intellect System Components and Layout

Wireless Communication
Via Bluetooth Enabled Intellect App
Intellect System Options

Intellect embedded fixtures from Leviton Lighting include an embedded Intellect sensor and Power Control Module providing a simple out-of-the-box wireless solution.

Intellect enabled fixtures from Leviton Lighting include an embedded Intellect Power Control Module allowing for a larger selection of fixtures to be used with Intellect. Just simply connect and install Intellect sensor remote from the fixture for a seamless connection to the Intellect system.

Leviton Lighting offers a wide selection of Intellect compatible fixtures using 0-10v dimming technology. Contact Leviton Lighting or visit www.leviton.com/intellect for a complete list of Intellect compatible fixtures.

**Power Control Module**
This module, included in each luminaire, receives commands from the Sensor Control Module, delivers relay power and 0-10V control to set dimming levels to the rest of system through the sensor control module.

**Sensor Control Module**
Sensor wirelessly communicates to all other devices in the room, provides occupancy and light level detection, and controls the load directly by the Power Control Module.

**Key Pad Room Controller**
Multi-function primary user and system interface manages all devices to coordinate functions within the room through a wireless mesh network and connects to an Android or iOS smart device via Bluetooth enabled app.

**Bluetooth App**
Wireless communication via Bluetooth enabled app allows for room configuration, monitoring, scheduling and remote control from an Android or iOS smart device.
Leviton Intellect App

Configure, monitor, and control the system via an Android or iOS smart device for Ladderless Commissioning™. The Intellect App simplifies configuring occupancy sensors and daylight harvesting zones to create scenes and program keypads.

Leviton.com/Apps
Intellect Technology for Intelligent Fixture Control

- Simplify energy management and code compliance
- Meet energy code requirements for IECC, ASHRAE 90.1, and Title 24
- Compliant with DesignLights Consortium (DLC) specifications for Advanced Lighting Controls
- Increase energy savings
- Optimize space functionality
- Improve the comfort of a space for occupants to work or learn
- Boost productivity
- Configure, control, and monitor the system from your smart device via the Intellect App

www.leviton.com/intellect
The Leviton Intellect Decora® Keypad Room Controller is the primary user interface to an Intellect Distributed Fixture Control System, combining both familiar push button control and energy management business logic into line voltage-powered wireless communication devices. The Intellect Keypad manages a room by coordinating activities of all devices within the space. It also provides the primary interface between the smartphone/tablet commissioning and control device with the Intellect system. The Controller integrates with Intellect-compatible downlights, track fixtures, troffers, and other lighting fixtures to create an advanced intelligent lighting system that meets energy code compliance requirements for ASHRAE 90.1, Title 24 and IECC.

Compliant with DesignLights Consortium (DLC) specifications for Advanced Lighting Controls, the Leviton Intellect Distributed Fixture Control System is made up of three interchangeable components. A range of options are available to meet the specific needs of each lighting fixture type.
Available across the Leviton lighting brand portfolio including Intense, Contech and Birchwood lighting

Healthcare Facilities
Easily create groups and scenes to improve the comfort of a space for occupants

Office Spaces
Individually addressable lighting that’s perfect for the modern work space

Educational Buildings/Rooms
Simplified occupancy sensing and daylight harvesting for maximized energy savings