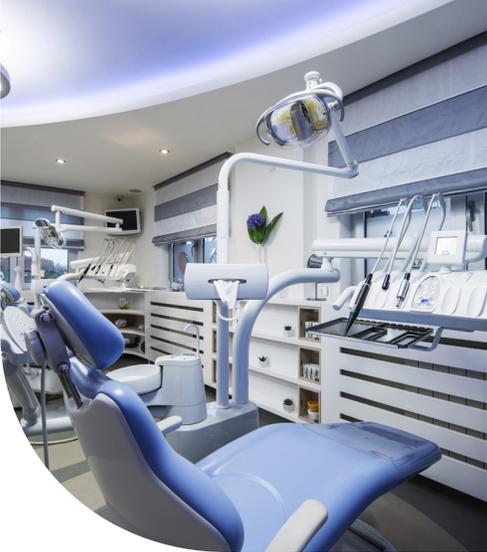


# Lumina™ RF Solutions Guide

Solutions Guide for Smart Energy Management Automation



## Cost-effective wireless energy management automation eco-system from a single trusted source.

### The Lumina RF solution offers a one-source package for affordable energy management wireless solutions.

Fast, simple installation at a remarkable price point—the Lumina RF Gateway and energy management controls are available at a fraction of the traditional wireless interface cost. Setting up a new location is easy, with automation based on tasks like store open, times like 7PM every weekday, as well as holidays. Each location receives 30 days history, 5 days of feed, plus apps and dashboards for remote access and setup. The Basic upgrade adds temperature monitoring, notifications and holiday scheduling exceptions. Premium tier upgrade offers corporate level scheduling, user management, location mapping and status and custom notifications to user types.

### Less Components, More Savings

The Lumina Gateway is a self-contained wireless automation controller with remote access capabilities that combines traditionally separate components into a single, ready-to-go boxed solution. The Lumina Gateway functions as an energy management coordinator for Lumina RF components including occupancy sensors, dimmers, switches, door and window sensors and thermostats. This allows for automated control of loads and remote control via the Leviton Cloud Services App. Lumina RF solutions are ideal for small new construction and retrofit applications.

### One Solution that fits your business, whether one location or corporation

Utilizing a Leviton Cloud Services (LCS) Subscription plan, Leviton provides a scalable solution for single location, franchise, and enterprise operations, with role-based authority and hierarchy. Easily manage company-wide holidays and schedules at multiple locations, allowing each location to slightly alter based on their needs. Maps are visible on both the app and the web portal, letting users view all locations at a glance and then dive in to control or add a new device or adjust a schedule.

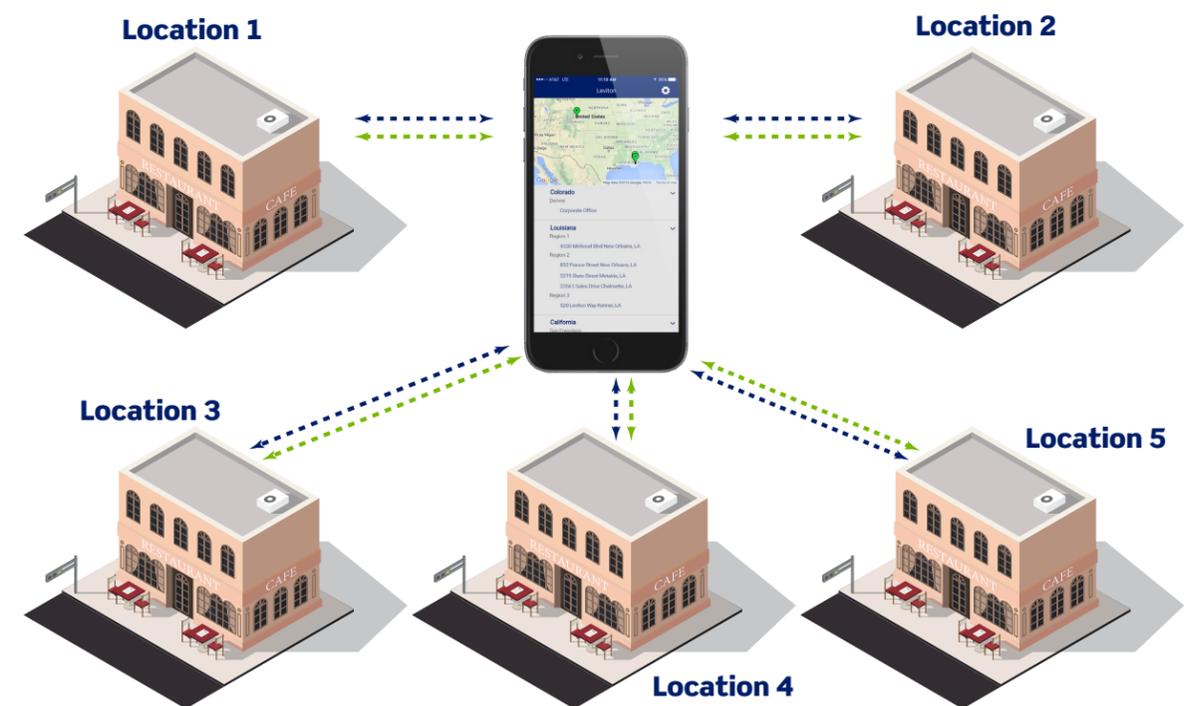
## Eco-System Components



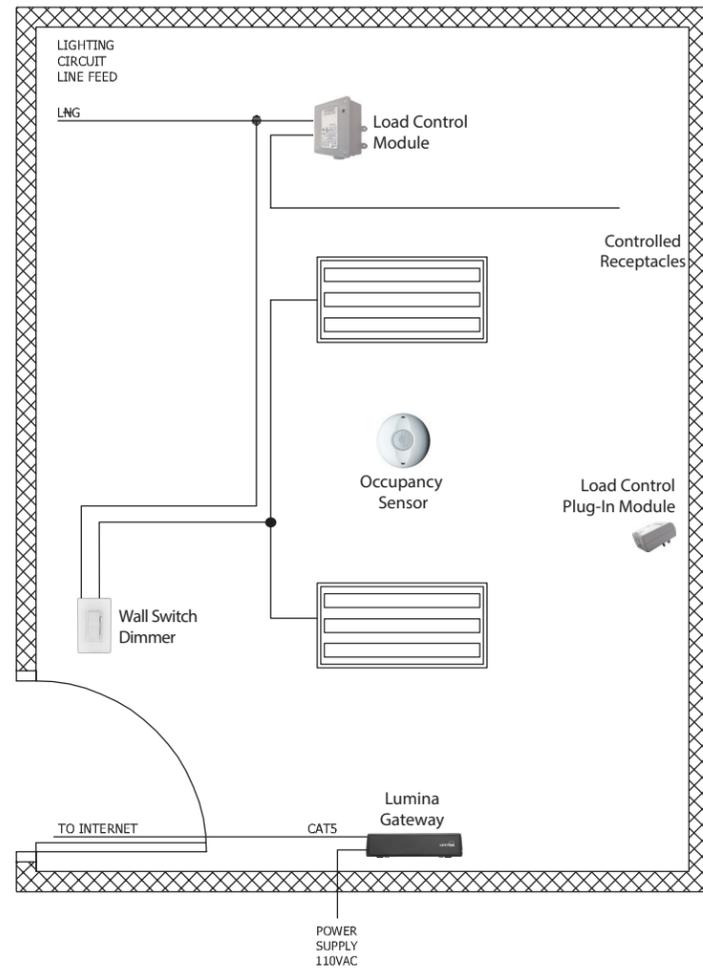
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## Manage Every Property Remotely



## Small Office Control Solution



### Wireless for Private Offices

- Automatic lighting control through the Lumina Gateway responds to occupancy sensor signals
- ASHRAE 90.1 and Title 24 compliant receptacle control keeps unnecessary electrical loads, such as cell phone chargers, off when the office is unoccupied
- Control multiple small offices from one Lumina Gateway
- Wall switch dimmer provides occupants manual lighting control
- Remote access using the free Lumina Mobile app to easily monitor and adjust lighting loads

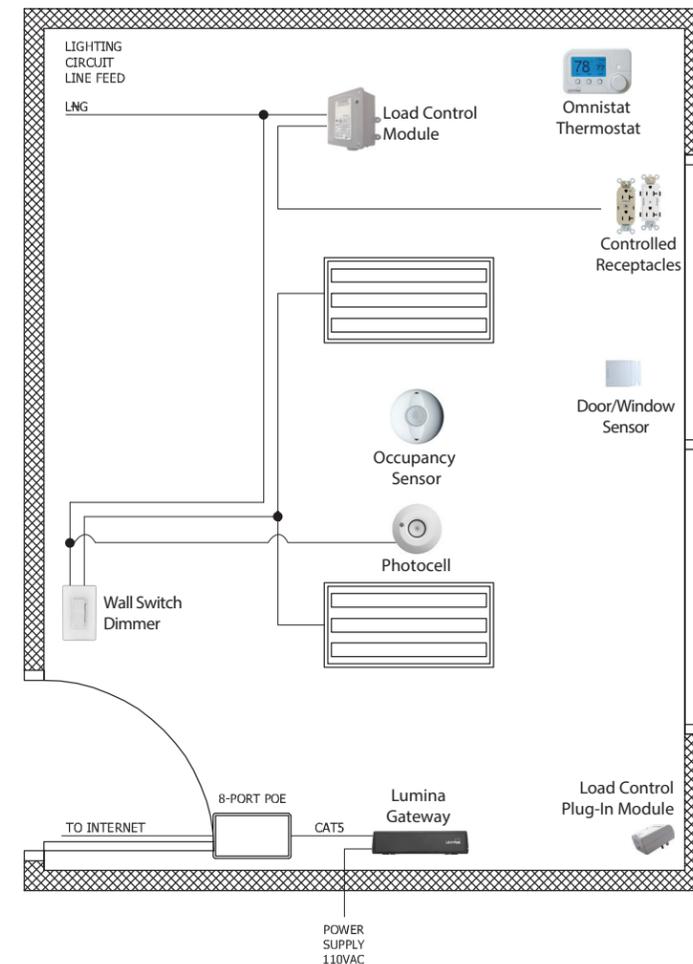


List of Equipment		
	<b>Lumina Gateway</b> 74A00-1**	1
	<b>Load Control Plug-In Module</b> DL3HL-1BW	1
	<b>Load Control Module</b> 73A00-4ZB (5A) or 73A00-3ZB (30A)	1
	<b>Ceiling Mount PIR Occupancy Sensor, 450 sq ft</b> ZSC04-1xW	1
	<b>Lumina RF Decora® 0-10V Wall Switch Dimmer</b> ZSD07-AxZ*	1
	<b>Marked "Controlled" Receptacle</b> 16352-1PW	1

\*Model ships with color change kit including White, Ivory and Light Almond faceplates. Contact factory for (A) ARRA compliant product. NAFTA compliant and made in USA models available.

\*\*A single Lumina Gateway has the range to cover several small individual offices; see data sheet for more information.

## Executive Office Control Solution



### Wireless for Executive Offices

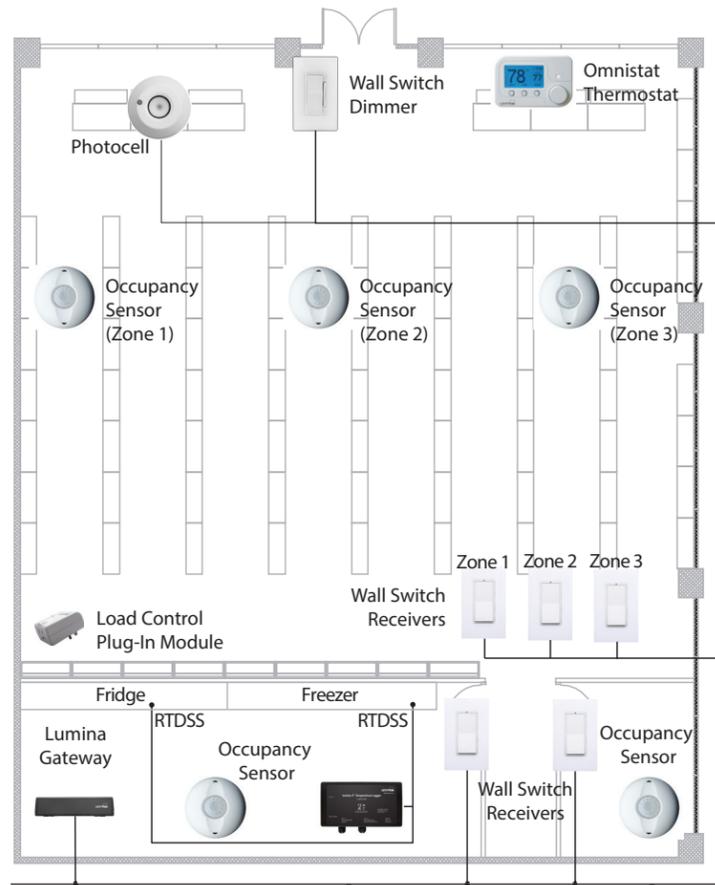
- Intuitive apps and web interface are easy to learn and use, reducing the time and resources spent to train users on operation
- Web Dashboard brings together thermostat and load controls into one system for easy programming and maintenance of all energy management devices
- Window Coverings category facilitates quick open/close of shades and draperies for occupant comfort and safety
- Automatic daylighting with the photocell with manual control provided by the wall switch dimmer \*Note: not a wireless Lumina RF component or part of the Gateway wireless eco-system
- Remote access allows executives to control their office using the Leviton Cloud Services app to easily monitor and adjust lighting loads and temperatures



List of Equipment		
	<b>Lumina Gateway</b> 74A00-1	1
	<b>Provolt Line Voltage Photocell</b> PCCxD-00W	1
	<b>Lumina RF Load Control Plug-In Module</b> DL15A-1BW	1
	<b>Lumina RF Load Control Module</b> 73A00-4ZB (5A) or 73A00-3ZB (30A)	1
	<b>Omnistat 2 Thermostat</b> RC-1000WHZB   RC-2000WHZB	1
	<b>Lumina RF Ceiling Mount PIR Occupancy Sensor, 1500 sq ft</b> ZSC15-1xW*	1
	<b>Lumina RF Decora® 1000W Wall Switch Dimmer</b> DL1KD-1BZ	1
	<b>Marked "Controlled" Receptacle</b> 16352-1PW	1

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## Convenience Store Control Solution



### Wireless for Convenience Stores

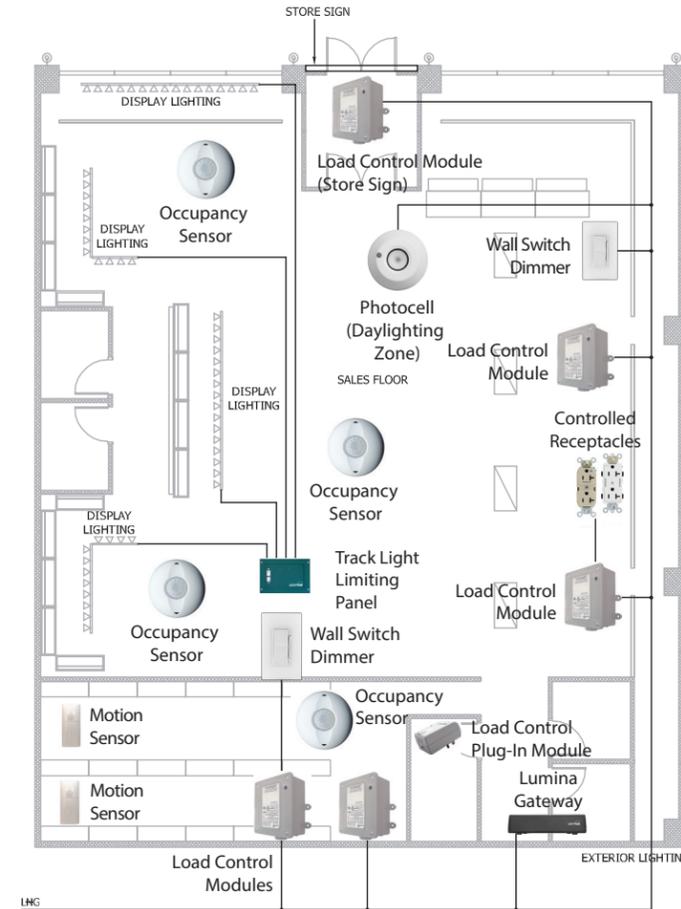
- Occupancy sensor zoning with the Load Control Module creates lighting control strategies throughout the space
- Automatic daylighting with the line-voltage photocell with manual control provided by the wall switch dimmer
- Remote access for multiple property locations using the app or web-based interface to easily monitor and adjust lighting loads and temperatures
- Temperature monitoring and logging of refrigeration and freezer units with high temp alarms and historical reporting for maintaining product quality.



List of Equipment		
	<b>Lumina RF Temperature Logger</b> LURTL	1
	<b>RTD Needle Temperature probe</b> RTDSS	1
	<b>Lumina Gateway</b> 74A00-1	1
	<b>Lumina RF Load Control Plug-In Module</b> DL15A-1BW	1
	<b>Omnistat 2 Thermostat</b> RC-1000WHZB   RC-2000WHZB	1
	<b>Lumina RF Ceiling Mount PIR Occupancy Sensor, 1500 sq ft</b> ZSC15-1xW	5
	<b>Lumina RF Decora 0-10V Wall Switch Dimmer</b> ZSD07-AxZ*	1
	<b>Lumina RF Decora Wall Switch Receiver</b> DL15S-1BZ	5
	<b>Provolt Line Voltage Photocell</b> PCCxD-00W	1

\*Model ships with color change kit including White, Ivory and Light Almond faceplates. Contact factory for (A) ARRA compliant product. NAFTA compliant and made in USA models available.

## Retail Store Control Solution



### Wireless for Retail Stores

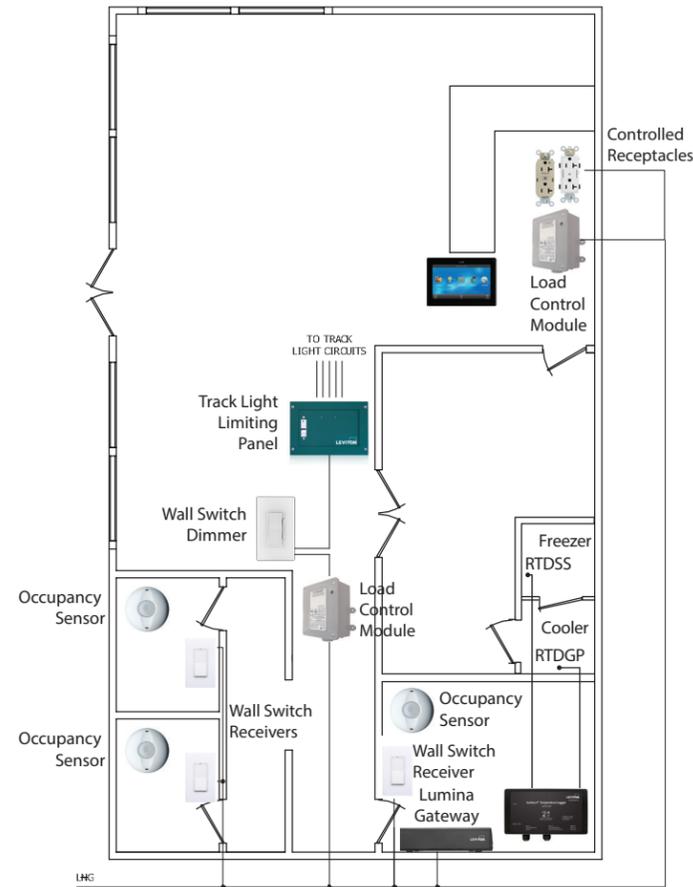
- Occupancy sensor zoning with the Load Control Module creates lighting control strategies throughout the space
- Track Light Limiting Panel provides code compliant control for track light designs
- Reduce high-draw appliance usage across the store while providing centralized control
- Remote access for multiple property locations to easily monitor and adjust lighting loads and temperatures



List of Equipment		
	<b>Lumina Gateway</b> 74A00-1	1
	<b>Track Light Limiting Panel</b> See data sheet for ordering information	1
	<b>Provolt Line Voltage Photocell</b> PCCxD-00W	1
	<b>Lumina RF Load Control Plug-In Module</b> DL15A-1BW	1
	<b>Lumina RF Load Control Module</b> 73A00-4ZB (5A) or 73A00-3ZB (30A)	5
	<b>Lumina RF Ceiling Mount PIR Occupancy Sensor, 1500 sq ft</b> ZSC15-1xW	4
	<b>Lumina RF Motion Sensor</b> LURMD-00W	2
	<b>Lumina RF Decora 600W Wall Switch Dimmer</b> DL6HD-1BZ	2
	<b>Marked "Controlled" Receptacle</b> 16352-1PW	1

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# Restaurant Control Solution



### Wireless for Restaurants

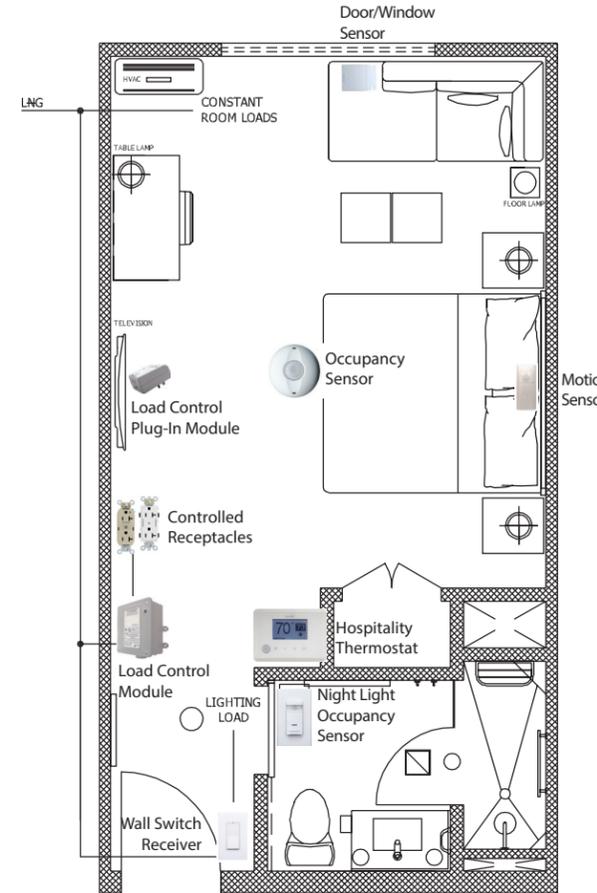
- Control lighting for the entire facility from an app or web-based interface
- Track Light Limiting Panel provides code compliant control for track light designs
- Remote access for multiple property locations to easily monitor and adjust lighting loads
- Temperature monitoring and logging of refrigeration and freezer units with high temp alarms and historical reporting for maintaining product quality.



List of Equipment		
	<b>Lumina RF Temperature Logger (Includes RTDSS)</b> LURTL	1
	<b>RTD Glycol Temperature probe</b> RTDGP	1
	<b>Lumina RF Decora Wall Switch Receiver</b> DL15S-1BZ	3
	<b>Lumina RF Decora 0-10V Wall Switch Dimmer</b> ZSD07-AxZ*	1
	<b>Lumina RF Ceiling Mount PIR Occupancy Sensor, 450 Sq Ft</b> ZSC04-1xW	3
	<b>Lumina Gateway</b> 74A00-1	1
	<b>OmniTouch 7 Touchscreen</b> 99A00-2	1
	<b>Track Light Limiting Panel</b> See data sheet for ordering information	1
	<b>Marked "Controlled" Receptacle</b> 16352-2PX	1

\*Model ships with color change kit including White, Ivory and Light Almond faceplates. Contact factory for (A) ARRA compliant product. NAFTA compliant and made in USA models available.

# Hospitality Control Solution



### Wireless for Hospitality

- Retrofit quickly and cost-effectively—wireless solution offers flexibility and easy installation with no new wires to pull and no common wire to run
- Deploy installation software quickly, allowing multiple rooms to be rapidly replicated via an easy USB connector
- Meet ASHRAE 90.1, Title 24 and IECC energy code requirements for guest room and plug load control
- Adjust temperature set points based on occupancy—room controls automatically switch between unoccupied and occupied settings
- Switch load controls based on occupancy to prevent unnecessary power drain while the room is vacant
- Deliver additional energy savings with optional Balcony Mode
- Save throughout the lifetime of the wireless devices with no batteries to charge
- Ensure reliability with wireless technology—battery life exceeds 5 years

List of Equipment		
	<b>Omnistat 3 Hospitality Thermostat</b> RC500-2EW	1
	<b>Lumina RF Window/Door Sensor</b> LURDW-00W	1
	<b>Lumina RF Motion Sensor</b> LURMD-00W	1
	<b>Lumina RF Ceiling Mount PIR Occupancy Sensor, 450 Sq Ft</b> ZSC04-INW	1
	<b>Lumina RF Decora Rocker Wall Switch</b> DL15S-1BZ	1
	<b>Lumina RF Load Control Plug-In Module</b> DL15A-1BW	1
	<b>Load Control Module</b> 73A00-xzb	1
	<b>Wall Mount Occupancy Sensor with Night Light</b> OSSNL-IDW	1
	<b>Marked "Controlled" Receptacle</b> 16352-2PX	1

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## Service and Support During Every Step of the Process

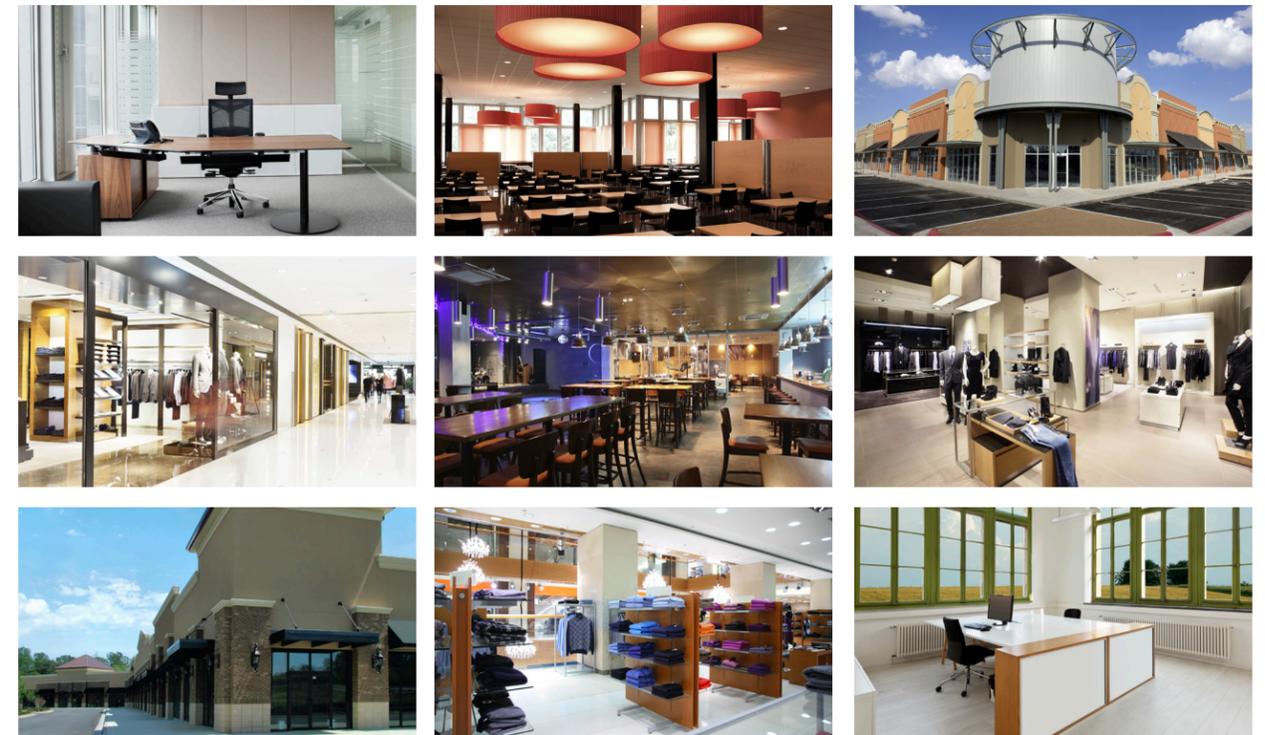
There is much more to making lighting more energy efficient than just installing a simple device or two. System design, product selection, installation and service: it has all got to come together. That's where Leviton service and support options come in. We'll help you design your system and make the right product selections so you can create a lighting control system that does exactly what you want it to do while saving electricity, meeting codes and standards, and even garnering rebates.

It all starts with the Leviton sales representative. Our lighting control specialists are here to support you every step of the way. They can perform on-site facility audits and suggest specific products and strategies for improving lighting energy efficiency.

### Exclusive Wealth of Resources

- **Lumina Gateway App** - available in Apple and Google Play stores: visit [leviton.com](http://leviton.com) for links
- **Cloud-Enabled Registration and Software Downloads** - go to [LCS.leviton.com](http://LCS.leviton.com)
- **Leviton mini site dedicated to the ecosystem** - go to [www.leviton.com/gateway](http://www.leviton.com/gateway)
- **ez-Learn™** - get Leviton smart from the comfort of your home or office with this exclusive 24/7 online training - go to [www.leviton.com/ezlearn](http://www.leviton.com/ezlearn)
- **Lighting control specialists** at your disposal
- **Dedicated technical support** via phone at 800-229-7256 or via email at [SASupport@leviton.com](mailto:SASupport@leviton.com)

**Contact your local Leviton Lighting Control Specialist for Lumina RF system design and product selection assistance.**





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