Lumina™ RF Standalone Room Controls

Simple energy saving wireless retrofits for outpatient rooms in healthcare facilities

The Lumina™ RF Standalone Room Control System delivers a scalable solution for code-compliant wireless lighting controls for outpatient rooms in healthcare facilities.

Lumina RF Standalone Room Controls deliver wireless control for any on/off, 0-10V and phase cut dimming application. This scalable wireless solution provides the flexibility to easily build a system to meet the unique lighting needs of any space.

Start with a Room Controller for simple switching, dimming and scene control. Then add additional components for multi-location control, occupancy/vacancy sensing, daylight harvesting and more. For additional convenience, the system is configured using the Lumina RF Standalone App—the only setup tool needed.

CHALLENGE

Healthcare facility wants to retrofit inpatient rooms lighting with a wireless solution and increase control capabilities.

- Need for cost-effective LED retrofit with compatible controls
- Spaces require a combination of dimming, scene control, multiple daylighting zones and plug load control
- Must comply with IECC, ASHRAE 90.1 and 2019 Title 24, Part 6 requirements

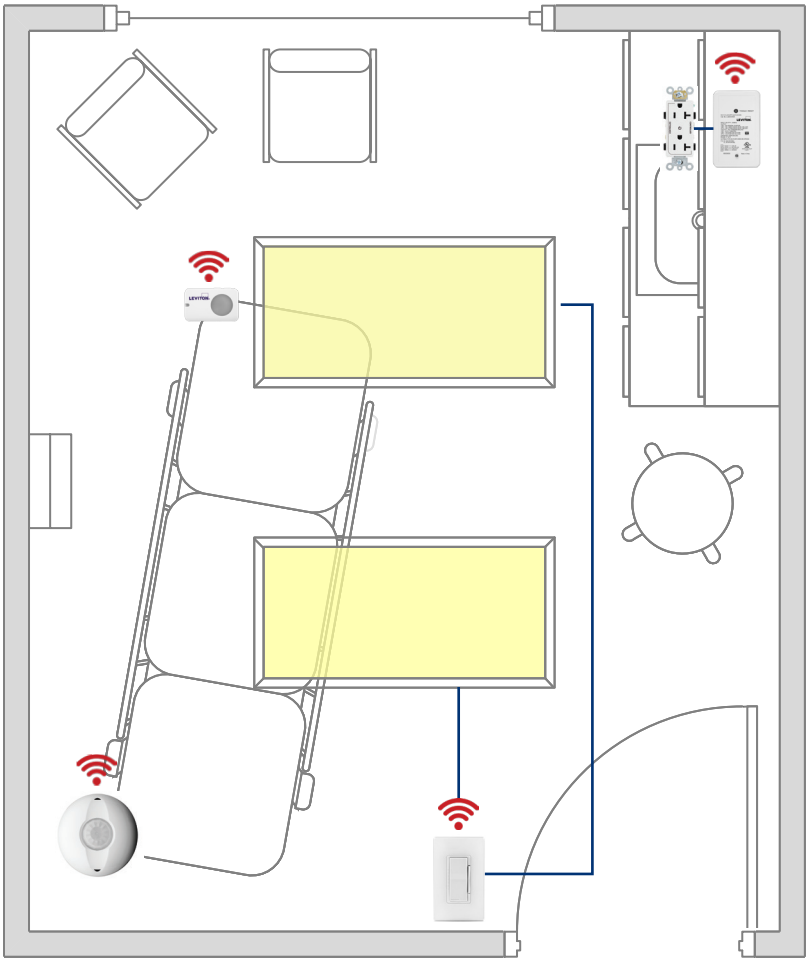
SOLUTION

Lumina RF Room Controls create a simple energy and labor saving lighting retrofit solution.

- Room Controllers and Load Control Devices add expanded wireless lighting control capabilities
- Lumina RF Standalone App provides easy configuration and commissioning
- Can be used to comply with IECC, ASHRAE 90.1 and 2019 Title 24, Part 6 space/area control, dimming, occupancy/vacancy sensing, automatic shutoff, multi-zone daylight harvesting and receptacle control requirements

LEVITON®

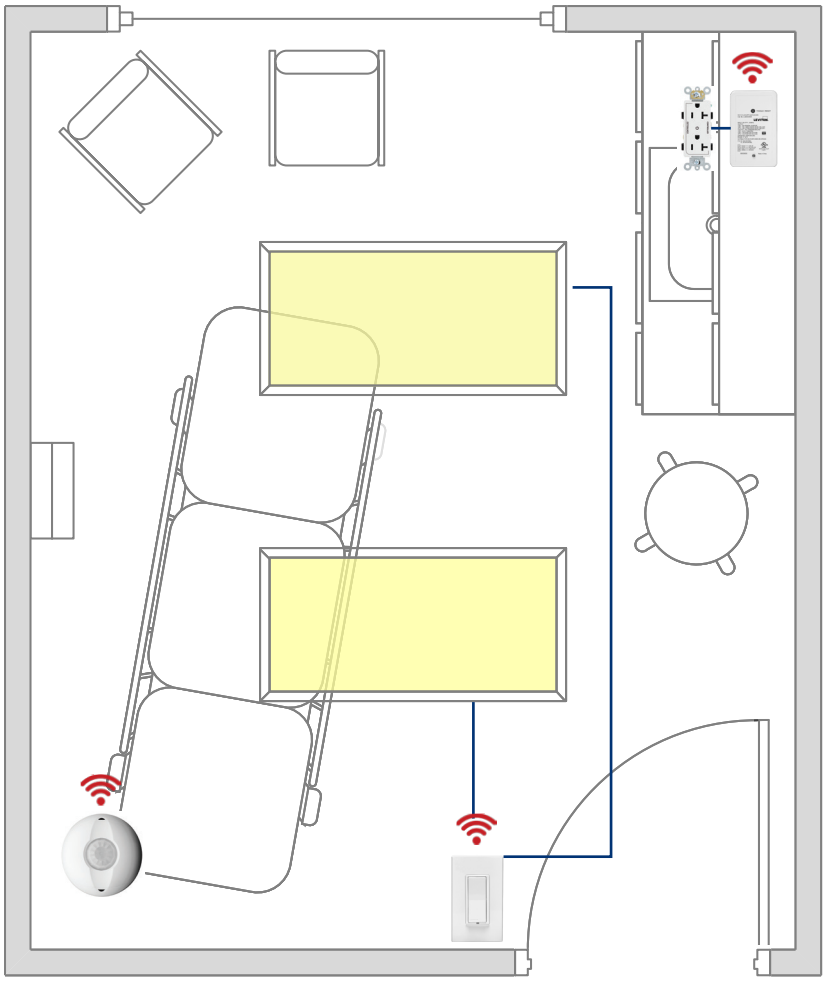
LUMINA RF STANDALONE 0-10V DIMMING AND OCCUPANCY/VACANCY SENSING WITH OPTIONAL MULTI-ZONE DAYLIGHT HARVESTING AND RECEPTACLE CONTROL



WHAT YOU WILL NEED

LUMINA RF STANDALONE 0-10V DIMMING AND OCCUPANCY/VACANCY SENSING		QTY
	Lumina RF 0-10 Dimmer Room Controller with 5A Relay | DL057-D0Z Coordinates all the energy management functions in a space and controls any 0-10V load	1
	Lumina RF Wireless PIR Occupancy Sensor | ZSC04-INW Detects occupancy or vacancy in the space to automatically turn lights ON/OFF	1
	ADD OPTIONAL DAYLIGHT HARVESTING **Lumina RF Wireless Photocell | LURPC-01W** Measures ambient light in the space and maintains lights at a target level	1
	ADD OPTIONAL RECEPTACLE CONTROL **Lumina RF 20A ON/OFF Switching Power Pack | LU20S-DNW** Provides wireless ON/OFF control for plug and motor loads; use with Leviton Marked "Controlled" Receptacles	1
	ADD OPTIONAL RECEPTACLE CONTROL **Marked "Controlled" Receptacles | 16352-2PW** Provides receptacle or plug load control	Varies

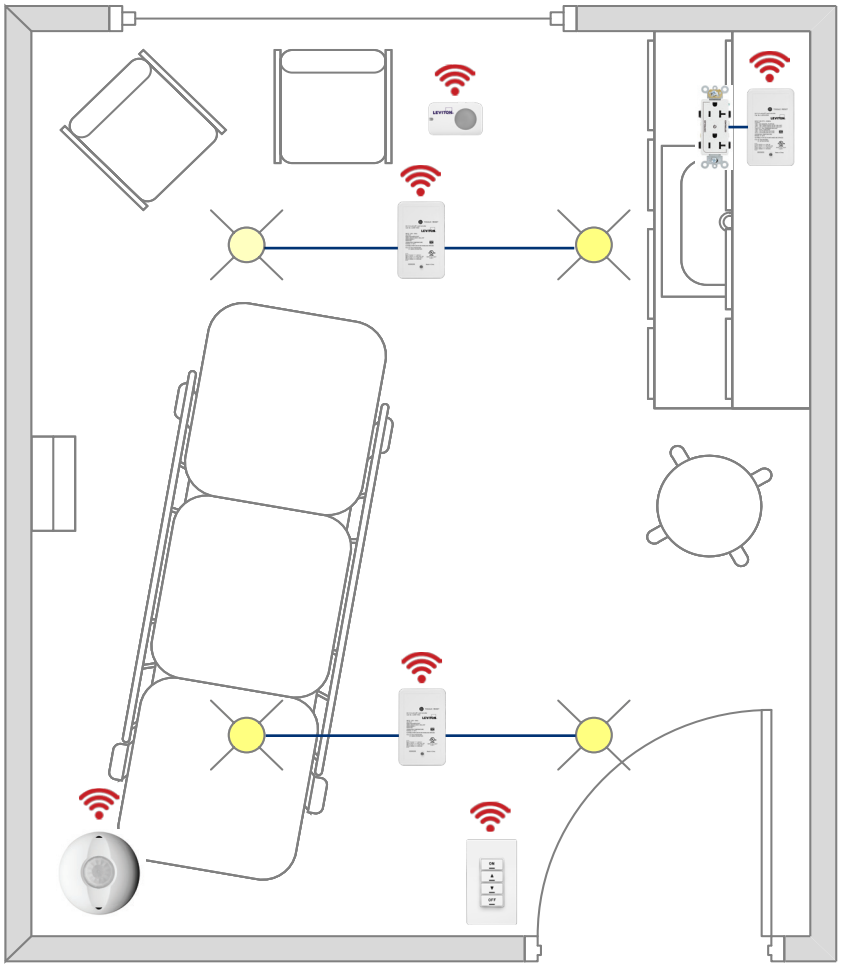
LUMINA RF STANDALONE SWITCHING AND OCCUPANCY/VACANCY SENSING WITH OPTIONAL RECEPTACLE CONTROL



WHAT YOU WILL NEED

LUMINA RF STANDALONE SWITCHING AND OCCUPANCY/VACANCY SENSING		QTY
	Lumina RF Wall Switch Room Controller with 5A Relay | DL05S-D0Z Provides ON/OFF and energy management controls within a space	**1**
	Lumina RF Wireless PIR Occupancy Sensor | ZSC04-INW Detects occupancy or vacancy in the space to automatically turn lights ON/OFF	**1**
	ADD OPTIONAL RECEPTACLE CONTROL **Lumina RF 20A ON/OFF Switching Power Pack | LU20S-DNW** Provides wireless ON/OFF control for plug and motor loads; use with Leviton Marked "Controlled" Receptacles	**1**
	ADD OPTIONAL RECEPTACLE CONTROL **Marked "Controlled" Receptacles | 16352-2PW** Provides receptacle or plug load control	**Varies**

LUMINA RF STANDALONE PHASE CUT DIMMING, OCCUPANCY/VACANCY SENSING AND SCENE CONTROL WITH OPTIONAL MULTI-ZONE DAYLIGHT HARVESTING AND RECEPTACLE CONTROL



WHAT YOU WILL NEED

LUMINA RF STANDALONE PHASE CUT DIMMING, OCCUPANCY/VACANCY SENSING AND SCENE CONTROL		QTY
	Lumina RF Keypad Room Controller | DLDNK-04W Coordinates all the energy management functions in a space and provides dimming and scene control; custom engraving available	1
	Lumina RF 800W Phase Cut Dimming Power Pack | LUO4P-1NW* Allows for dimming of full phase loads	2
	Lumina RF Wireless PIR Occupancy Sensor | ZSC04-INW Detects occupancy or vacancy in the space to automatically turn lights ON/OFF	1
	ADD OPTIONAL DAYLIGHT HARVESTING **Lumina RF Wireless Photocell | LURPC-01W** Measures ambient light in the space and maintains lights at a target level	1
	ADD OPTIONAL RECEPTACLE CONTROL **Lumina RF 20A ON/OFF Switching Power Pack | LU20S-DNW** Provides wireless ON/OFF control for plug and motor loads; use with Leviton Marked "Controlled" Receptacles	1
	ADD OPTIONAL RECEPTACLE CONTROL **Marked "Controlled" Receptacles | 16352-2PW** Provides receptacle or plug load control	Varies

* Not required if using approved ZigBee-enabled lamps and fixtures. Contact factory for more information.

Leviton Manufacturing Co., Inc. Lighting & Controls
20497 SW Teton Avenue, Tualatin, OR 97062 tel 503-404-5500 tech line (8:30AM-7:30PM ET Mon-Fri) 800-824-3005

Visit our website at: www.leviton.com/luminarf

© 2020 Leviton Manufacturing Co. Inc. All rights reserved. Subject to change without notice.

LES-G-10407/B20-cds