Lumina™ RF Wireless Room Control System

Simple energy saving wireless retrofits for outpatient rooms in healthcare facilities

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

Lumina RF Wireless 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 Wireless 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
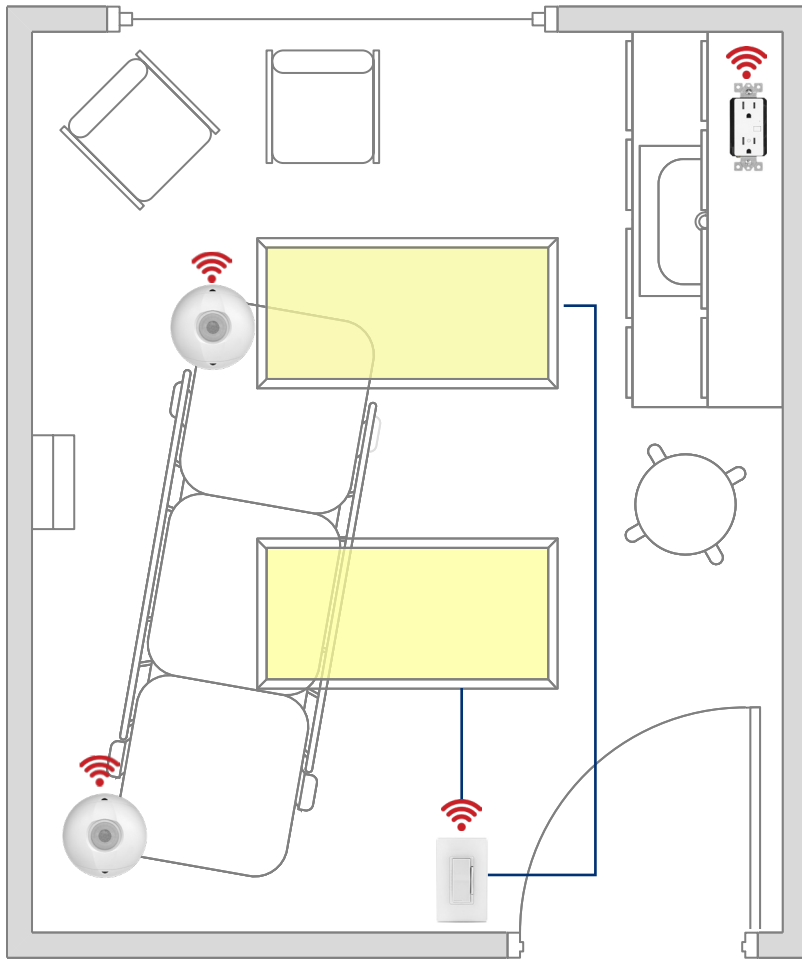- Must comply with IECC, ASHRAE 90.1 and 2022 Title 24, Part 6 requirements

SOLUTION

Lumina RF Wireless 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 Wireless App provides easy configuration and commissioning
- Can be used to comply with IECC, ASHRAE 90.1 and 2022 Title 24, Part 6 space/area control, dimming, occupancy/vacancy sensing, automatic shutoff, multi-zone daylight harvesting and receptacle control requirements

LEVITON®

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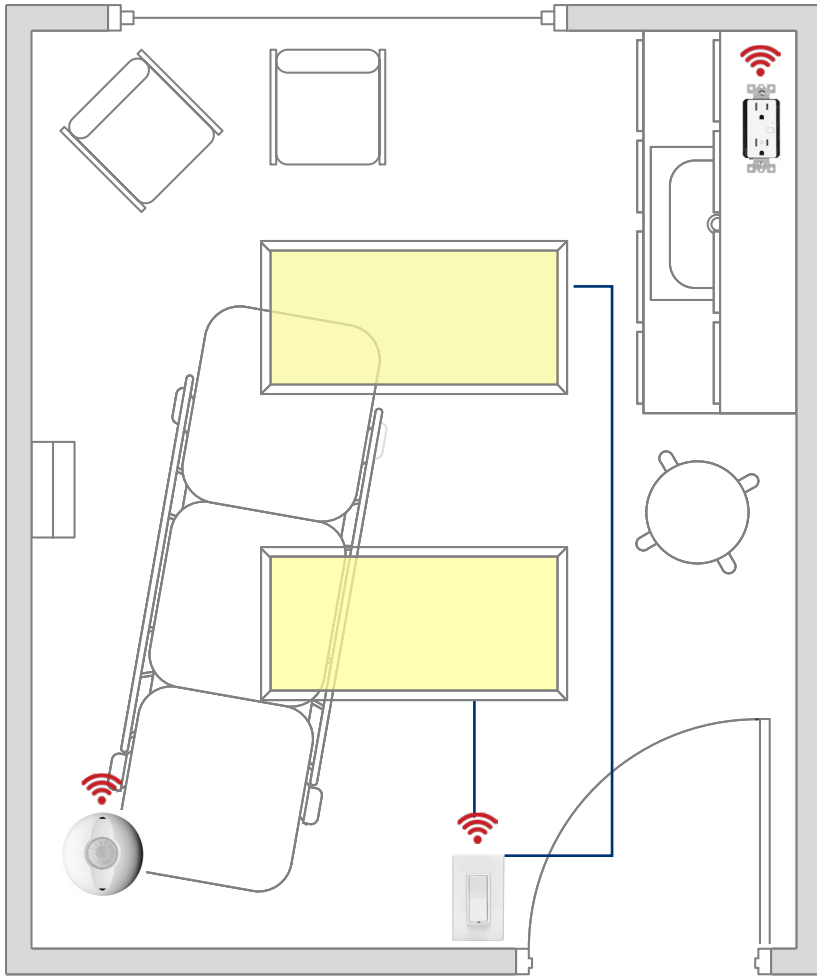

WHAT YOU WILL NEED

LUMINA RF WIRELESS 0-10V DIMMING AND OCCUPANCY/VACANCY SENSING	QTY
Decora® 0-10V Dimmer Room Controller with 5A Relay | DL057-D0Z Coordinates all the energy management functions in a space and controls any 0-10V load	**1**
Wireless PIR Occupancy Sensor & Photocell | ZC015-BIW Provides occupancy/vacancy sensing and light level detection	**2**
ADD OPTIONAL RECEPTACLE CONTROL **Wireless Controlled Receptacle | ZSTLR-1HW*** Install in place of traditional receptacles for plug load control	**Varies**

* LU20S-DNW can be used for an entire 20A receptacle control circuit as an alternative to ZSTLR-1HW at every other receptacle.

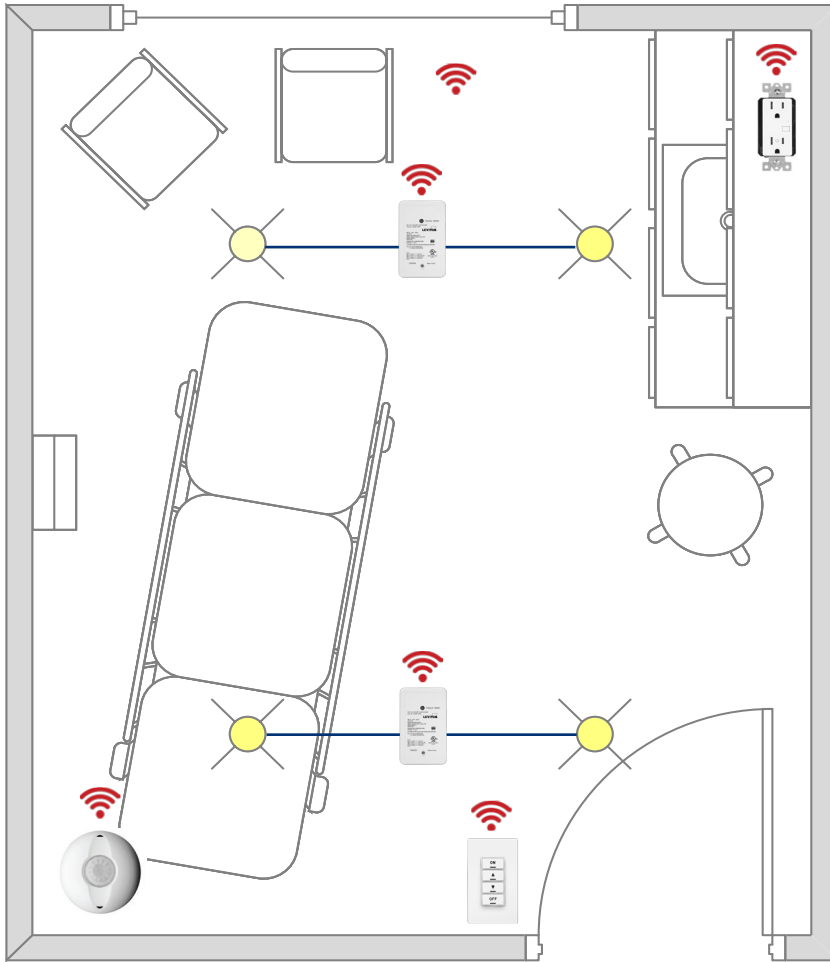# LUMINA RF WIRELESS SWITCHING AND OCCUPANCY/VACANCY SENSING WITH OPTIONAL RECEPTACLE CONTROL

WHAT YOU WILL NEED

	LUMINA RF WIRELESS SWITCHING AND OCCUPANCY/VACANCY SENSING	QTY
	Decora® Wall Switch Room Controller with 5A Relay | DL05S-D0Z Provides ON/OFF and energy management controls within a space	**1**
	Wireless PIR Occupancy Sensor & Photocell | ZC015-BIW Provides occupancy/vacancy sensing and light level detection	**1**
	ADD OPTIONAL RECEPTACLE CONTROL **Wireless Controlled Receptacle | ZSTLR-1HW*** Install in place of traditional receptacles for plug load control	**Varies**

* LU20S-DNW can be used for an entire 20A receptacle control circuit as an alternative to ZSTLR-1HW at every other receptacle.

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

WHAT YOU WILL NEED

LUMINA RF WIRELESS 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	**1**
	Wireless 800W Phase Cut Dimming Power Pack | LUO4P-1NW* Allows for dimming of full phase loads	**2**
	Wireless PIR Occupancy Sensor & Photocell | ZC015-BIW Provides occupancy/vacancy sensing and light level detection	**2**
	ADD OPTIONAL RECEPTACLE CONTROL **Wireless Controlled Receptacle | ZSTLR-1HW**** Install in place of traditional receptacles for plug load control	**Varies**

* Not required if using approved Intellect-enabled lamps and fixtures. Contact factory for more information.
** LU20S-DNW can be used for an entire 20A receptacle control circuit as an alternative to ZSTLR-1HW at every other receptacle.

LES-G-10407B/C23-aa
REV MAR 2023

LEVITON®