Vive Application Guide

Wireless lighting control solutions at an affordable price

LUTRON

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Introduction

Applications

Open Office

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Why Lutron?

Lutron is a global organisation committed to delivering value to its customers. We developed the first solid state dimmer. Today, we continue to develop innovative, energy-saving lighting control solutions that provide flexibility, ambiance, and comfort in residential and commercial applications.

The company offers:
· Proven technology: 2,500 active patents
· Upfront project service support
· After-sales support
· Reduced end-user callbacks
· Products designed and manufactured for reliability with 100% pre-shipment inspection
· Significant portfolio to cover all your project requirements: +15,000 SKUs
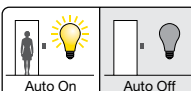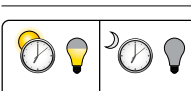
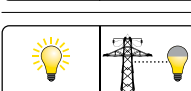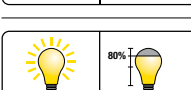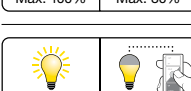### Why Invest in Lighting Controls?

Occupant comfort — Increased productivity and well being

Meet demand — Lighting controls are growing in popularity to improve the aesthetics, functionality, and value of any space

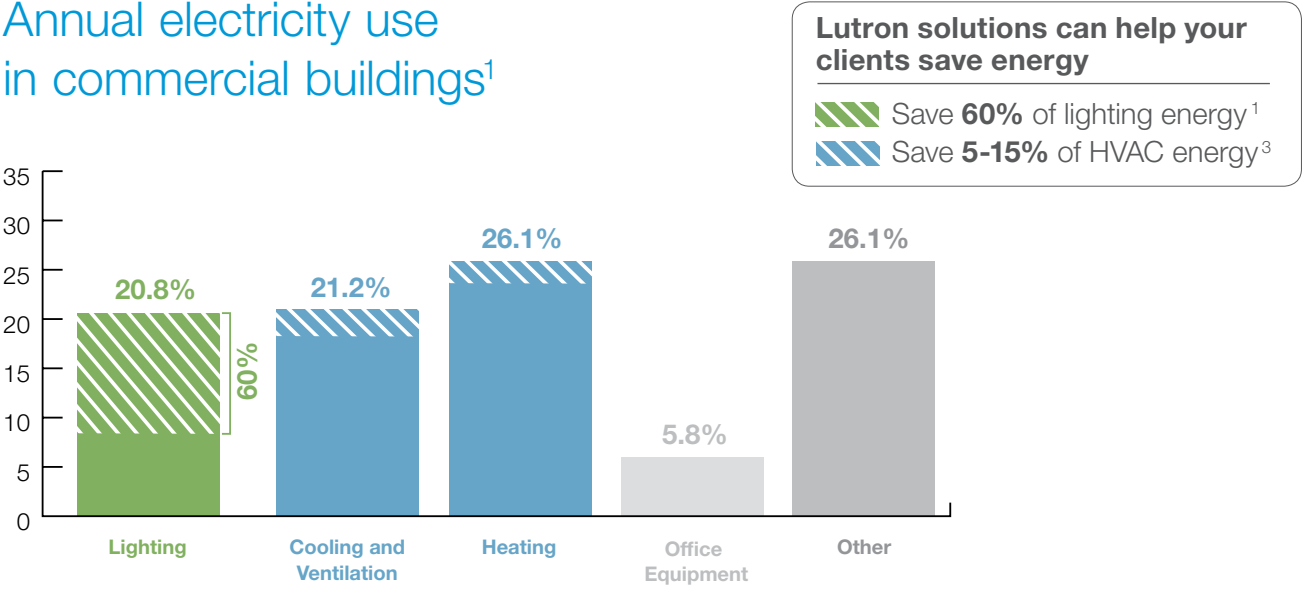**Increase revenue** — Lighting controls provide an additional revenue opportunity for the contractor

Comply with legislation — Evolving rules are requiring stricter requirements for energy efficiency, while allowances are also being made for lighting controls

Energy-saving lighting control strategies

	Strategy	Potential savings
Auto On / Auto Off	**Occupancy/vacancy sensing** turns lights on when occupants are in a space and off when they vacate the space.*	20–60% Lighting
Full On / Dim	**Daylight harvesting** dims electric lights when daylight is available to light the space.*	25–60% Lighting
7am: Dim / 7pm: Off	**Scheduling** provides scheduled changes in light levels based on the time of day.*	10–20% Lighting
Full On / Dim	**Load shedding** automatically reduces lighting loads during peak electricity usage times.*	30–50% During peak period
Max: 100% / Max: 80%	**High-end trim/tuning** sets the maximum light level based on customer requirements in each space.*	10–30% Lighting
Full On / Dim	**Personal dimming control** gives occupants the ability to set the light level.*	10–20% Lighting
Heating / Cooling	**HVAC integration** controls heating, ventilation, and air conditioning systems through a contact closure.*	5–15% HVAC

Annual electricity use in commercial buildings[1]

Lutron solutions can help your clients save energy
- Save **60%** of lighting energy [1]
- Save **5-15%** of HVAC energy [3]

Bar chart – Annual electricity use in commercial buildings:
- Lighting: 20.8% (60%)
- Cooling and Ventilation: 21.2%
- Heating: 26.1%
- Office Equipment: 5.8%
- Other: 26.1%

Lutron Product Capabilities: Commercial Applications

	Local Solutions			Panel Solutions	
Strategies for code/standards compliance	**Wallbox**	**Vive**	**Vive with wireless hub***	**Energi Savr Node**	**Quantum**
Occupancy sensing	●	●	●	●	●
Multi-level lighting control		●	●	●	●
Daylight harvesting	●	●		●	●
Timeclock			●	●**	●
Demand response			●†	●†	●
Energy monitoring		●			●
BACnet integration		●			●

  * For the latest information on products compatible with the Vive wireless hub go to lutron.com/vive-europe.
 ** Requires QS timeclock.
  † Automated Demand Response capability requires signal from a third-party device.
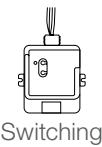
Define your space

The appropriate control solution is defined by the needs of the space and its occupants. Use the following steps to plan and design an ideal energy-saving solution.
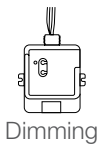
Step ①

Control your loads

- Select the controller appropriate for the loads on your job
- Options available for:
  - 0–10V, DALI
- Simply wire control with power into your circuit.

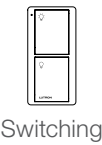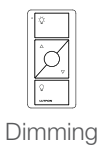Switching

Dimming

Contact Closure

Load control

Step ②

Control your lights where you need to

- Wireless devices can be mounted to any surface with no wiring needed.
- Controls communicate wirelessly to the controls in the ceiling.
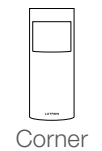- 10 year battery life
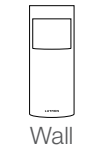
Switching

Dimming

Pico wireless remote

Step ③

Add sensors to your job

- Occupancy/vacancy sensors turn lights on and/or off for convenience and energy savings.
- Wireless devices can be mounted to any surface with no wiring needed.
- Controls communicate wirelessly to the controls in the ceiling.
- 10 year battery life

Corner

Wall

Ceiling

Wireless occupancy/ vacancy sensors

Flexible, wireless controls and sensors for simple, scalable design

Remotes

Occupancy, vacancy, and daylight sensors

Lighting control modules
Switching, 0-10V, DALI
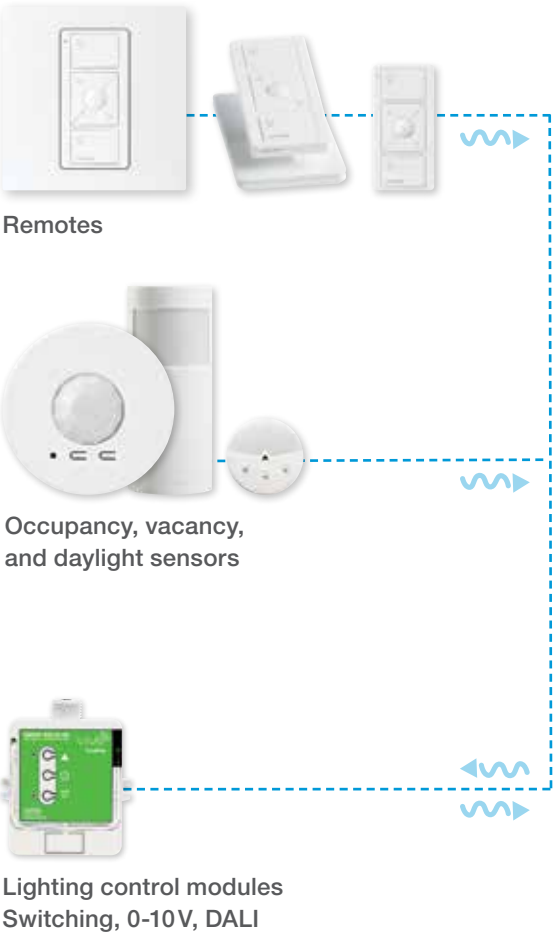
Add wireless hubs for centralised control and integration (optional)

Vive wireless hub

Wi Fi

Wired/ Ethernet

Demand response

BACnet integration

BACnet™

This application guide is designed to help specifiers and contractors understand Lutron controls in a simple manner. Each of the pages will lay out different spaces, the corresponding lighting control products for those spaces, and the way the system is set up in the space.

For Specifiers
Use this application guide for design suggestions, to understand the way the system operates and to specify the relevant products for each space.

For Contractors
Use this application guide to understand how the system is installed, the way the system must operate, and to order the correct products for each application.
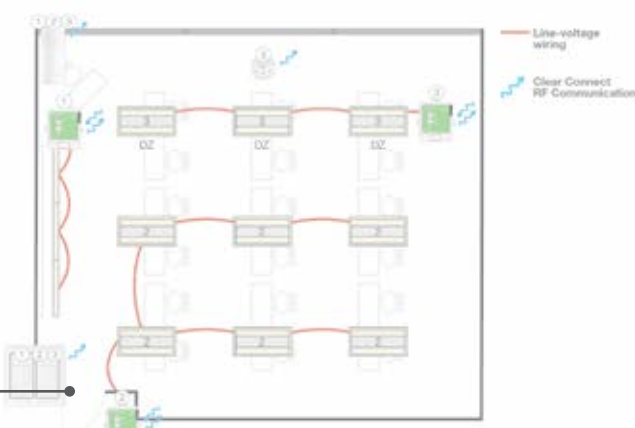
This guide offers up to three solutions per space type.

Switching: Basic functionality and energy savings.

Dimming: Increased control, ambiance, and energy savings.

The **Recommended Solutions** have advanced functionality for greater comfort and energy savings.

Room type

Type of solution

School Classroom | Dimming

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMMS-DAL4-SZ	PowPak Single Zone Module with DALI	2
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF4-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Visible System Components

Pico wireless control

Radio Powr Savr wireless corner-mount vacancy sensor and daylight sensor

Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually. Maximum light level is set to 80%.

When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability. There is one perimeter daylight zone.

Manual: Occupant uses wall dimmers to set desired light levels for both general and whiteboard lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.

Control Strategies

Occupancy/Vacancy

Daylight Harvesting

High-end Trim/Tuning

Personal Dimming

Lighting Energy Savings*

60%

* Go to lutron.com/references for more information.

Type of solution

Learn about the products visible in the space and the different options available for these.

Learn what strategies are implemented in the space

Learn what energy savings you achieve over manual shut-off

Understand how the products are laid out in the space

Learn more about the products used in the space

Understand how the space functions with the installed system

Vive Local Solutions Layout

This is a high-level overview of the local solutions layout. For individual room requirements refer to the detailed room type solutions in this guide. A single PowPak module can control single or multiple fixtures. The products shown here are representative of local solutions. Multiple product options are available to meet the needs of the space.

- Vive wireless hub*
- PowPak module
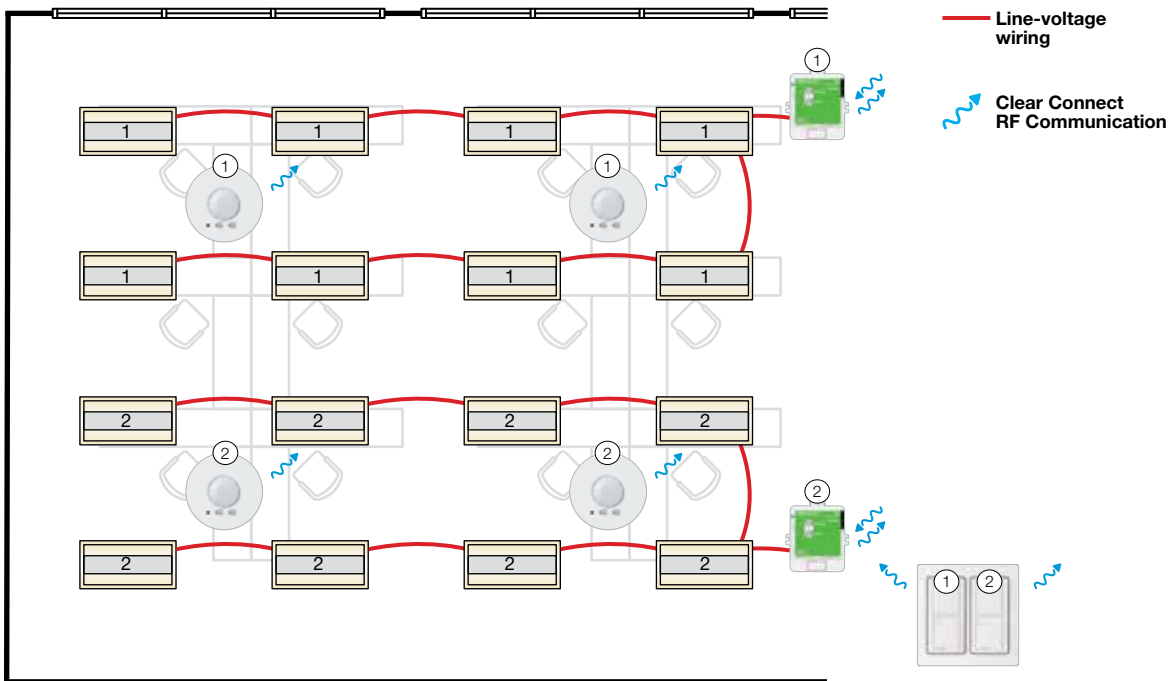- ● Occupancy sensor
- ● Pico wireless remote control
- ● Daylight sensor

Vive wireless hub features:

- Central control, management, and monitoring of Vive devices via web browser
- Supports astronomic and time-of-day events
- Two contact closure inputs for third-party integration, such as Automatic Demand Response
- Wi-Fi access for easy commissioning
- Control up to 929 m^2 (10,000 sq. ft.) with a single hub
- Optional BACnet integration

* Go to lutron.com/vive-china for complete compatibility and design details.

Line-voltage wiring

Clear Connect RF Communication

Visible System Components

Pico wireless control

Radio Powr Savr wireless ceiling-mount occupancy sensor

Lighting Functionality

Occupant Enters:
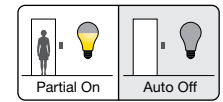All lights automatically turn on.

When Occupied:
Manual: Occupant uses wall switches to turn zones on and off.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
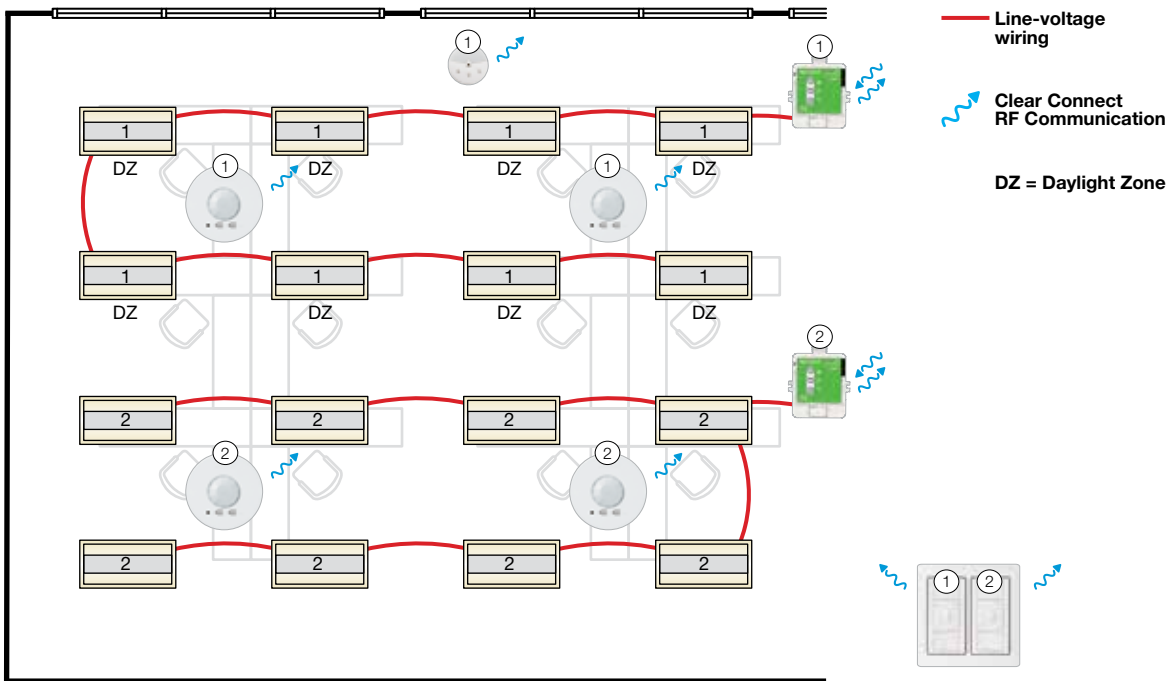
Control Strategies

Partial On   Auto Off

Occupancy/Vacancy

Symbol	Model Number	Description	Qty
	RMMS-16R-DV-B	PowPak 16 A Relay Module	2
	LRF4-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	4
	PM2-2B-TAW-L01	Pico Wireless Control 2 Button On/Off	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Lighting Energy Savings*

35%

Line-voltage wiring

Clear Connect RF Communication

DZ = Daylight Zone

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	2
	LRF4-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	4
	LRF4-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Visible System Components

Pico wireless control

Radio Powr Savr wireless ceiling-mount occupancy sensor and daylight sensor

Lighting Functionality

Occupant Enters:
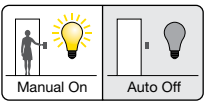All lights automatically turn on to maximum light level. Maximum light level is set to 80%.

When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability. There is one perimeter daylight zone.

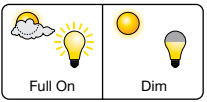Manual: Occupant uses wall dimmers to set desired light levels for all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
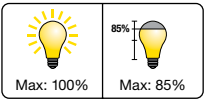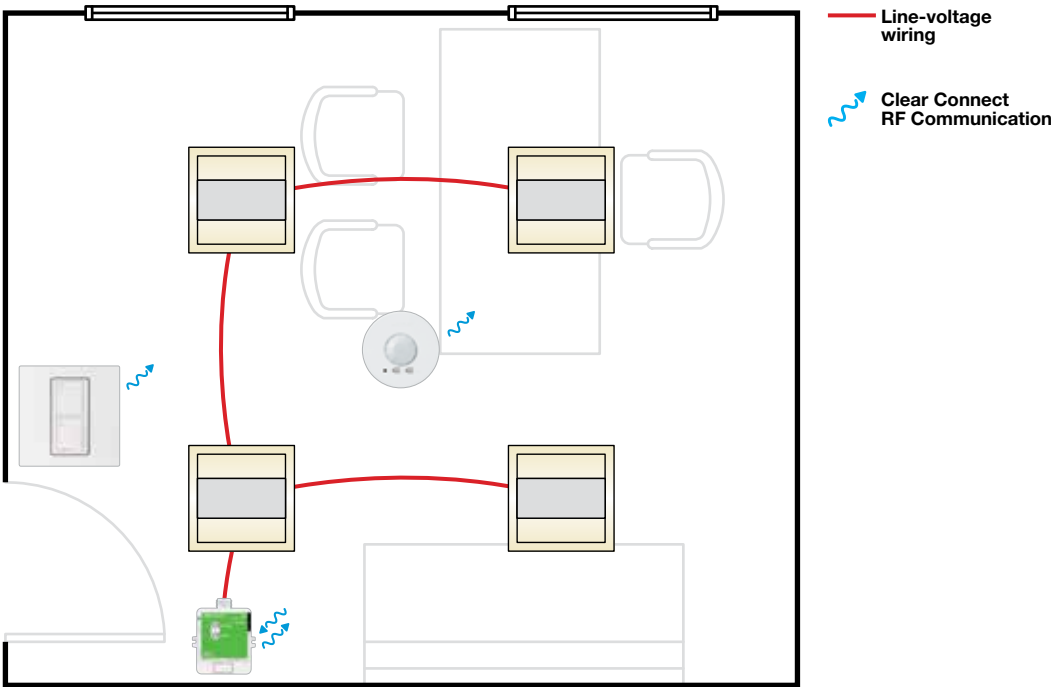
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Full On   Dim

Daylight Harvesting

Max: 100%   Max: 85%

High-end Trim/Tuning

Lighting Energy Savings*

55%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-16R-DV-B	PowPak 16 A Relay Module	1
	LRF4-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	1
	PM2-2B-TAW-L01	Pico Wireless Control 2 Button On/Off	1
	LPFP-S1-TAW	Pico Wireless Faceplate (Single)	1

Visible System Components

Pico wireless switch

Radio Powr Savr wireless ceiling-mount occupancy sensor
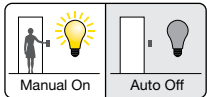
Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually.

When Occupied:
Manual: Occupant uses wall switch to turn on and turn off all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
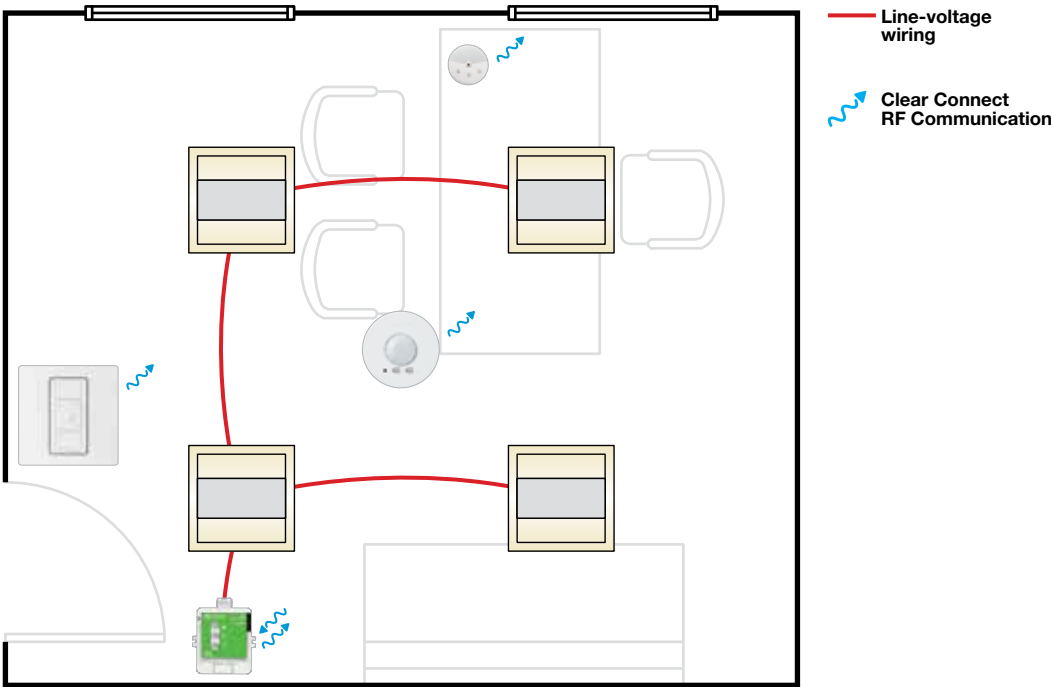
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Lighting Energy Savings*

30%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Visible System Components

Pico wireless control

Radio Powr Savr wireless ceiling-mount occupancy sensor and daylight sensor

Symbol	Model Number	Description	Qty
	RMMS-DAL4-SZ	PowPak Single Zone Module with DALI	1
	LRF4-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	1
	LRF4-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	LPFP-S1-TAW	Pico Wireless Faceplate (Single)	1

Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually.
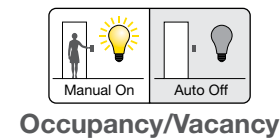
When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability.

Manual: Occupant uses wall dimmer to set desired light levels for all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
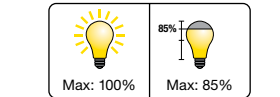
Control Strategies

Manual On   Auto Off
Occupancy/Vacancy

Full On   Dim
Daylight Harvesting

Max: 100%   Max: 85%
High-end Trim/Tuning

Full On   Dim
Personal Dimming

Lighting Energy Savings*

60%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-16R-DV-B	PowPak 16A Relay Module	1
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	PM2-2B-TAW-L01	Pico Wireless Control 2 Button On/Off	1
	LPFP-S1-TAW	Pico Wireless Faceplate (Single)	1

Visible System Components

Pico wireless switch

Radio Powr Savr wireless ceiling-mount occupancy sensor
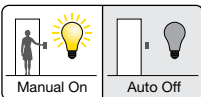
Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually.

When Occupied:
Manual: Occupant uses wall switch to turn on and turn off all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

> Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
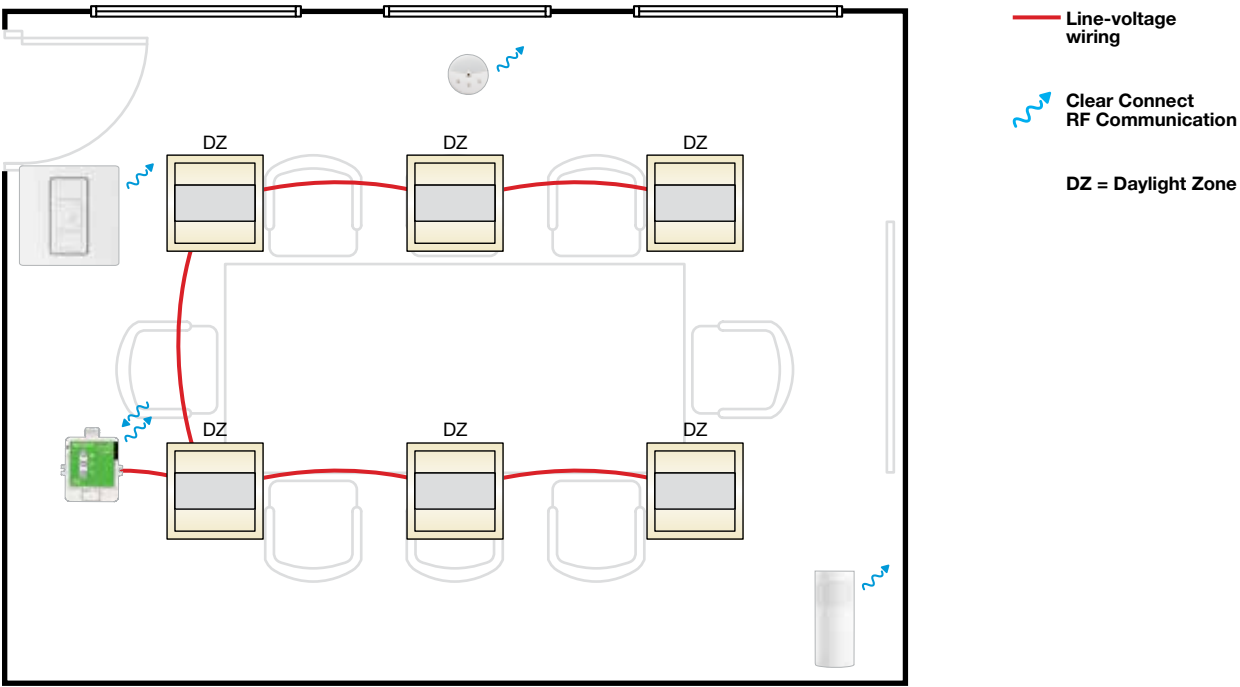
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Lighting Energy Savings*

40%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

DZ = Daylight Zone

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF4-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Visible System Components

Pico wireless control

Radio Powr Savr wireless corner-mount vacancy sensor and daylight sensor

Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually.
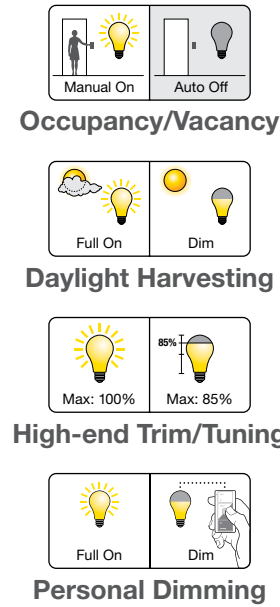
When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability.

Manual: Occupant uses wall dimmer to set desired light levels for all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
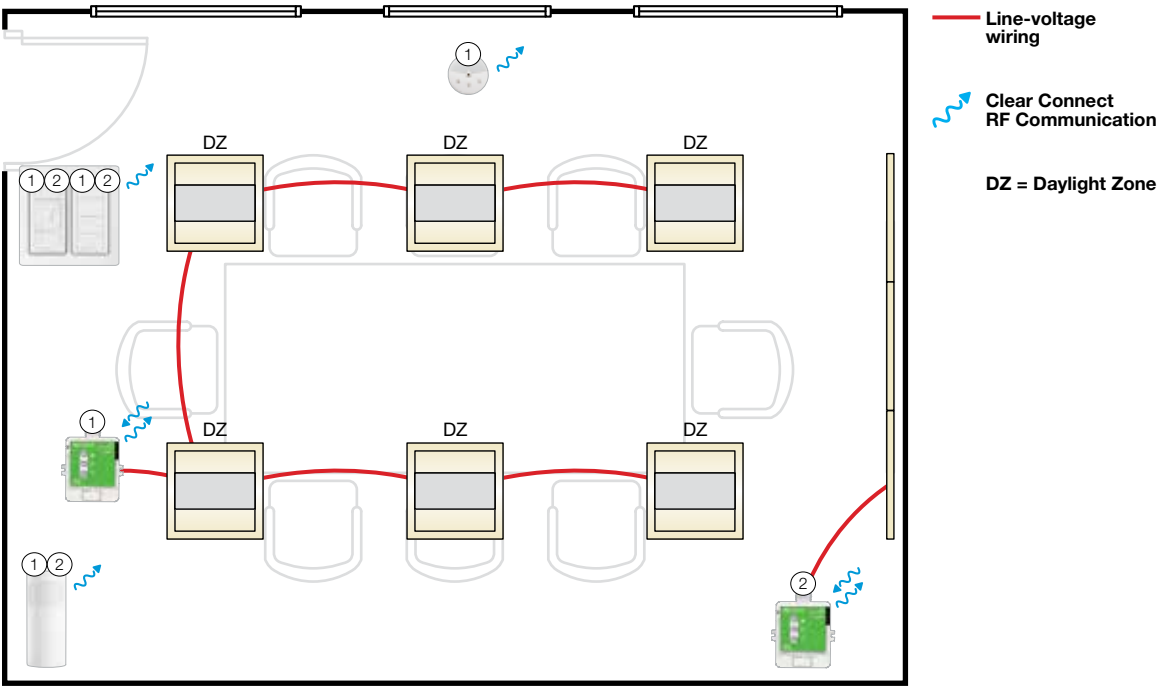
Control Strategies

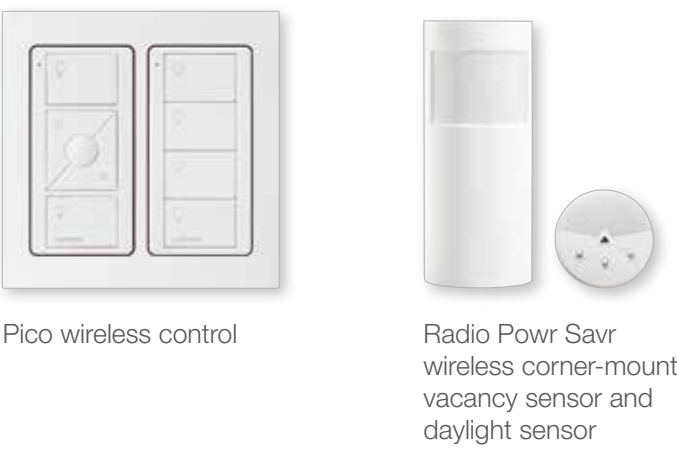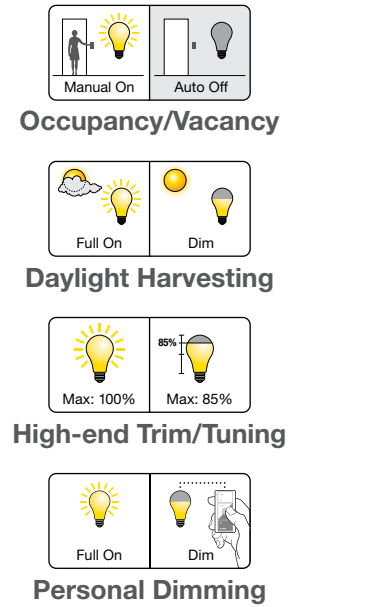|	
Manual On	Auto Off

Occupancy/Vacancy

Full On	Dim

Daylight Harvesting

Max: 100%	Max: 85%

High-end Trim/Tuning

Full On	Dim

Personal Dimming

Lighting Energy Savings*

55%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

DZ = Daylight Zone

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMMS-DAL4-SZ	PowPak Single Zone Module with DALI	1
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF4-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	PM2-4B-TAW-L01	Pico Wireless Control 4 Button	1
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Visible System Components

Pico wireless control

Radio Powr Savr wireless corner-mount vacancy sensor and daylight sensor

Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually.

When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability.

Manual: Occupant uses wall dimmer to set desired light levels for all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Advanced Functionality:
Set the right lighting by using the 4 button Pico, which can be easily configured manually or through the Hub.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
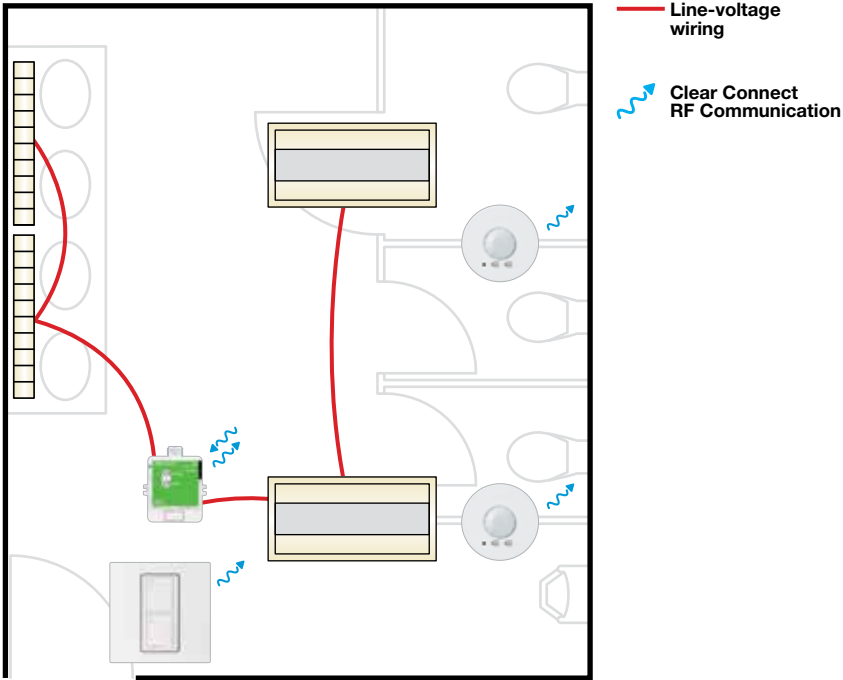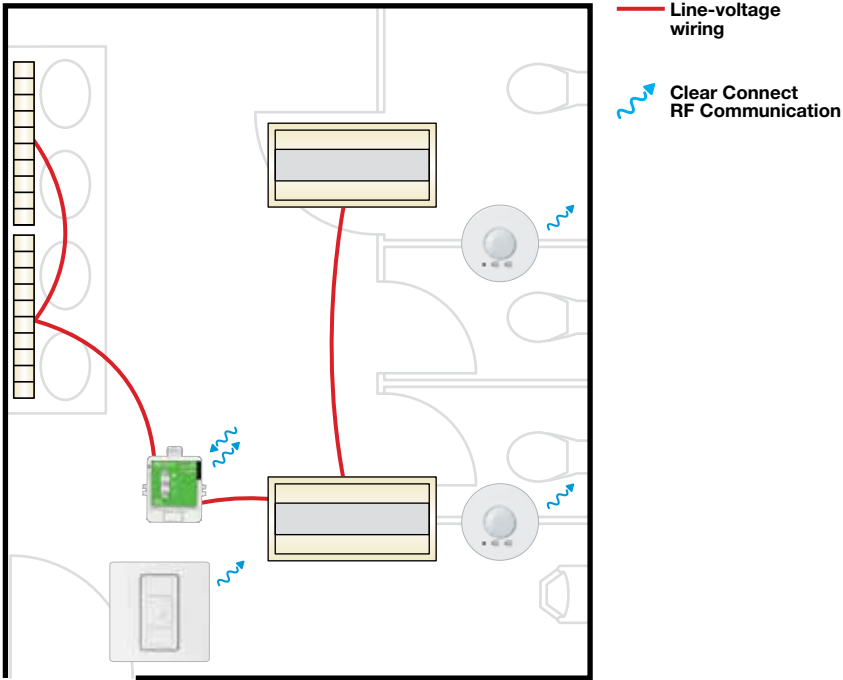
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Full On   Dim

Daylight Harvesting

Max: 100%   Max: 85%

High-end Trim/Tuning

Full On   Dim

Personal Dimming

Lighting Energy Savings*

55%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-16R-DV-B	PowPak 16 A Relay Module	1
	LRF4-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	2
	PM2-2B-TAW-L01	Pico Wireless Control 2 Button On/Off	1
	LPFP-S1-TAW	Pico Wireless Faceplate (Single)	1

Visible System Components

Pico wireless switch

Radio Powr Savr wireless ceiling-mount occupancy sensor

Control Functionality

Occupant Enters:
All lights automatically turn on.

When Occupied:
Manual: Occupant uses wall switch to turn all lights off.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.

Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Lighting Energy Savings*

50%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Visible System Components

Pico wireless control

Radio Powr Savr wireless ceiling-mount occupancy sensor
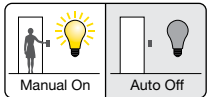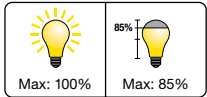
Control Functionality

Occupant Enters:
All lights automatically turn on to maximum light level. Maximum light level is set to 80%.

When Occupied:
Manual: Occupant uses wall dimmer to set desired light levels for all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
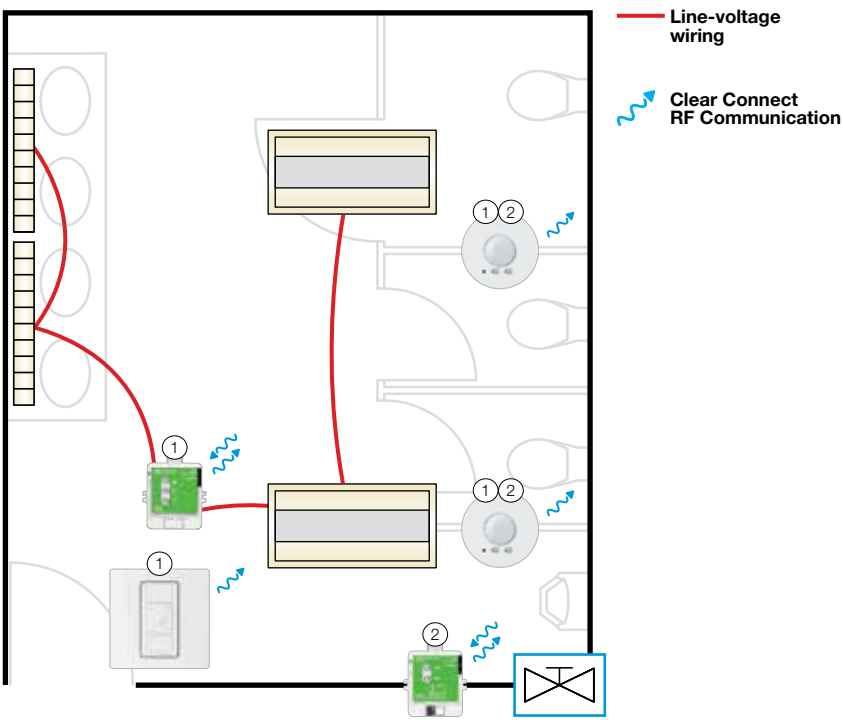
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Max: 100%   Max: 85%

High-end Trim/Tuning

Symbol	Model Number	Description	Qty
	RMMS-DAL4-SZ	PowPak with DALI	1
	LRF4-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	2
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	LPFP-S1-TAW	Pico Wireless Faceplate (Single)	1

Lighting Energy Savings*

60%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-DAL4-SZ	PowPak with DALI	1
	RMMS-CCO1-24-B	PowPak CCO Module	1
	LRF4-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	2
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	LPFP-S1-TAW	Pico Wireless Faceplate (Single)	1

Visible System Components

Pico wireless control

Radio Powr Savr wireless ceiling-mount occupancy sensor

Control Functionality

Occupant Enters:
All lights automatically turn on to maximum light level. Maximum light level is set to 80%.
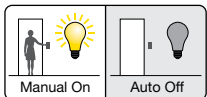
When Occupied:
Manual: Occupant uses wall dimmer to set desired light levels for all lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.
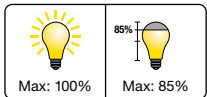
Advanced Functionality:
The CCO PowPak triggers the solenoid for an automatic flush.

> Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
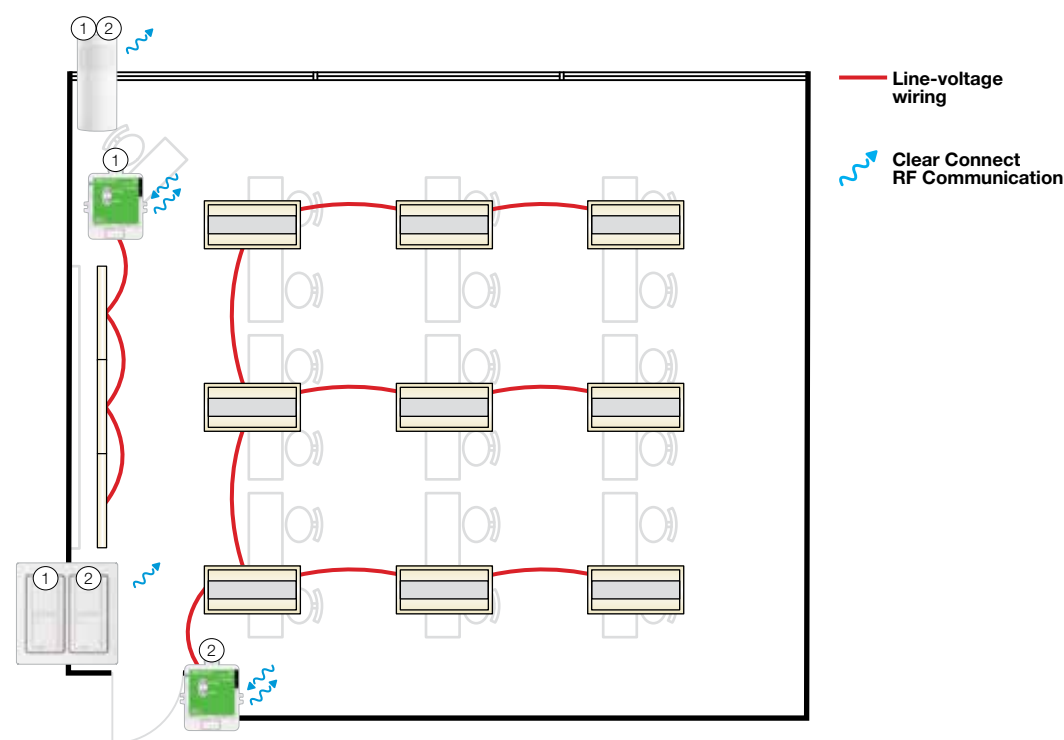
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Max: 100%   Max: 85%

High-end Trim/Tuning

Lighting Energy Savings*

60%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Visible System Components

Pico wireless control

Radio Powr Savr wireless corner-mount vacancy sensor

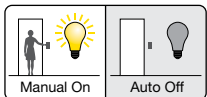| Symbol	Model Number	Description	Qty
	RMMS-16R-DV-B	PowPak 16 A Relay Module	2
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	PM2-2B-TAW-L01	Pico Wireless Control 2 Button On/Off	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually.

When Occupied:
Manual: Occupant uses wall switches to turn on and turn off general and whiteboard lights.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
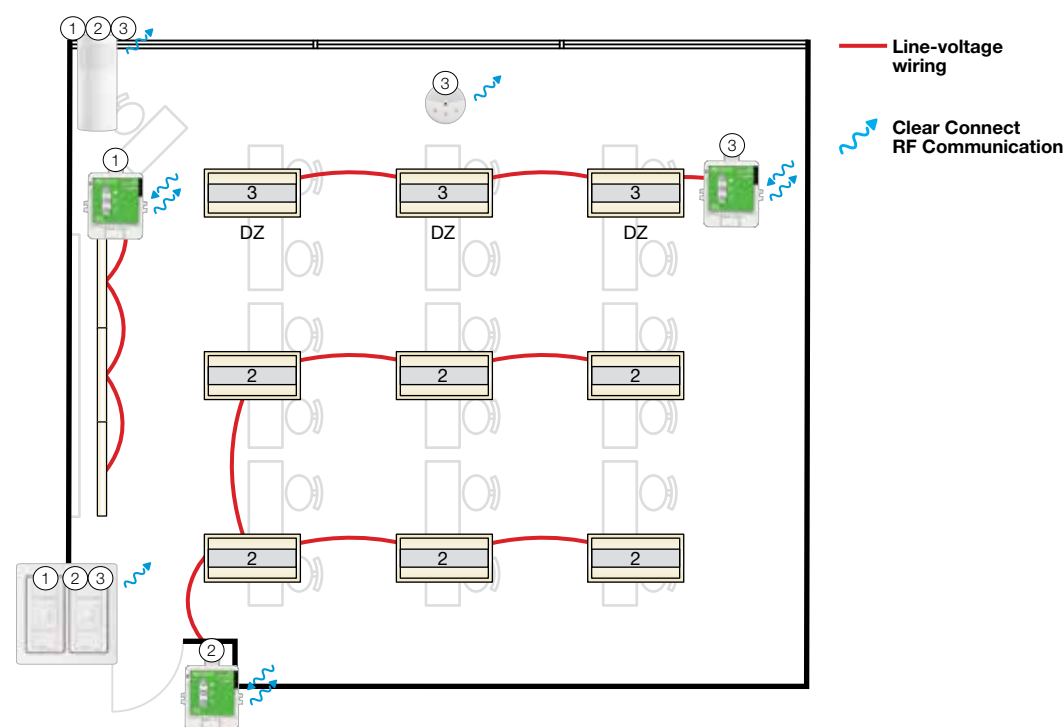
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Lighting Energy Savings*

45%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMMS-DAL4-SZ	PowPak Single Zone Module with DALI	2
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF4-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Visible System Components

Pico wireless control

Radio Powr Savr wireless corner-mount vacancy sensor and daylight sensor

Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually. Maximum light level is set to 80%.
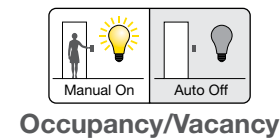
When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability. There is one perimeter daylight zone.

Manual: Occupant uses wall dimmers to set desired light levels for both general and whiteboard lights.
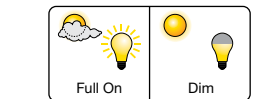
Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
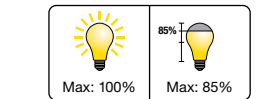
Control Strategies

Manual On — Auto Off
Occupancy/Vacancy

Full On — Dim
Daylight Harvesting

Max: 100% — Max: 85%
High-end Trim/Tuning

Full On — Dim
Personal Dimming

Lighting Energy Savings*

60%

* Go to lutron.com/references for more information.

Corridor

Line-voltage wiring ——
Clear Connect RF Communication 〰️

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1

Visible System Components

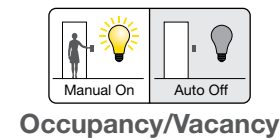Radio Powr Savr
wireless corner-mount
occupancy sensor

Control Functionality

Occupant Enters:
All corridor lights automatically turn on.

Occupant Exits:
Corridor lighting remains on while connected rooms
are occupied..

Emergency Mode:
All corridor lights automatically shut off 15 minutes
after all occupants exit corridor and all
connected rooms.

Add a Vive wireless hub to enable simple setup
and rezoning, system monitoring, timeclock
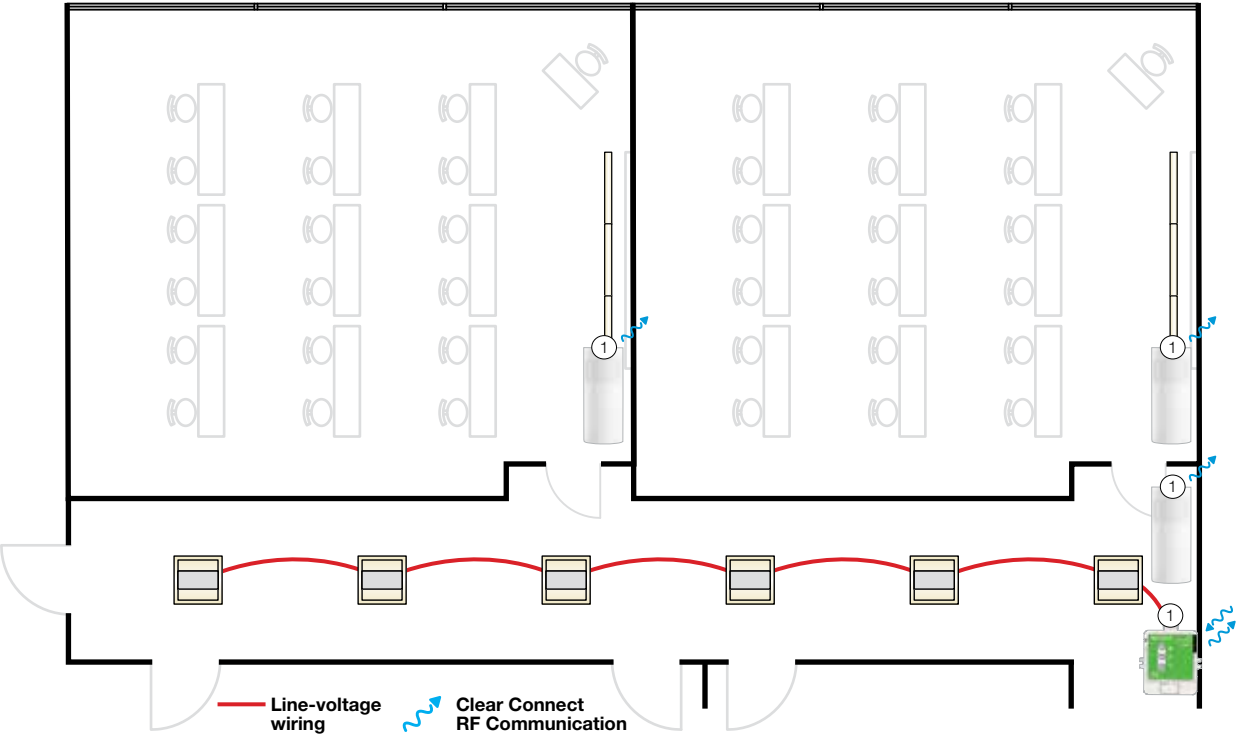functionality, and advanced integration.
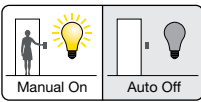
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Lighting Energy Savings*

30%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	3

Visible System Components

Radio Powr Savr
wireless corner-mount
occupancy sensor

Control Functionality

Occupant Enters:
All corridor lights automatically turn on.

Occupant Exits:
Corridor lighting remains on while connected rooms are occupied..

Emergency Mode:
All corridor lights automatically shut off 15 minutes after all occupants exit corridor and all connected rooms.

Advanced Functionality:
The lights in the corridor stay on while the classrooms are being used.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.
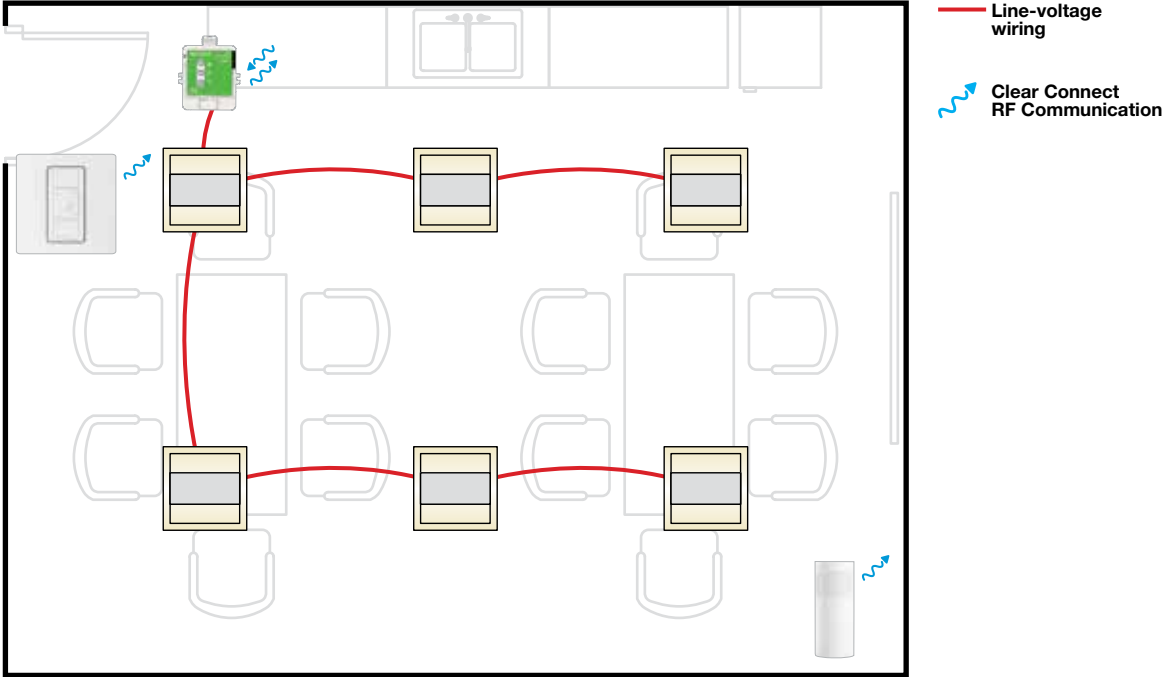
Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Lighting Energy Savings*

30%

* Go to lutron.com/references for more information.

Line-voltage wiring

Clear Connect RF Communication

Symbol	Model Number	Description	Qty
	RMMS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF4-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	PM2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	LPFP-S1-TAW	Pico Wireless Faceplate (Single)	1

Visible System Components

Pico wireless switch

Radio Powr Savr wireless corner-mount occupancy sensor
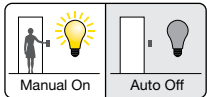
Control Functionality

Occupant Enters:
Lights do not automatically turn on when an occupant enters the space; lights must be turned on manually.

When Occupied:
Manual: Occupant uses wall switch to turn all lights off.

Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Add a Vive wireless hub to enable simple setup and rezoning, system monitoring, timeclock functionality, and advanced integration.

Control Strategies

Manual On   Auto Off

Occupancy/Vacancy

Lighting Energy Savings*

40%

* Go to lutron.com/references for more information.

Further Information

Please visit **lutron.com/vive-china** for more information, including videos and our Vive Wireless online training courses.

For more information or to join Vive training near you, please contact Lutron.

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