



Vive Application Guide

Wireless lighting control solutions at an affordable price



Introduction

Lutron overview	2
Energy-saving light control strategies	2
How to design a system	4
How to use this guide	6
Vive Local Solutions Layout	8
Working with Marshalling Boxes	10
Working with Junction Boxes	11

Applications

Open Office

Switching (Marshalling Box)	12
Dimming (Marshalling Box)	14
Dimming (Junction Box)	16

Private Office

Switching (Marshalling Box)	18
Dimming (Marshalling Box)	20
Dimming (Junction Box)	22

Conference Room

Switching (Marshalling Box)	24
Dimming (Marshalling Box)	26
Scenes (Marshalling Box)	28
Scenes (Junction Box)	30

Restroom

Switching (Junction Box)	32
Dimming (Junction Box)	34
Automatic flush (Junction Box)	36

Classroom

Switching (Marshalling Box)	38
Dimming (Marshalling Box)	40
Dimming (Junction Box)	42

Corridor

Stand alone (Junction Box)	44
Corridor Hold (Junction Box)	46

Break Room

Dimming (Marshalling Box)	58
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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

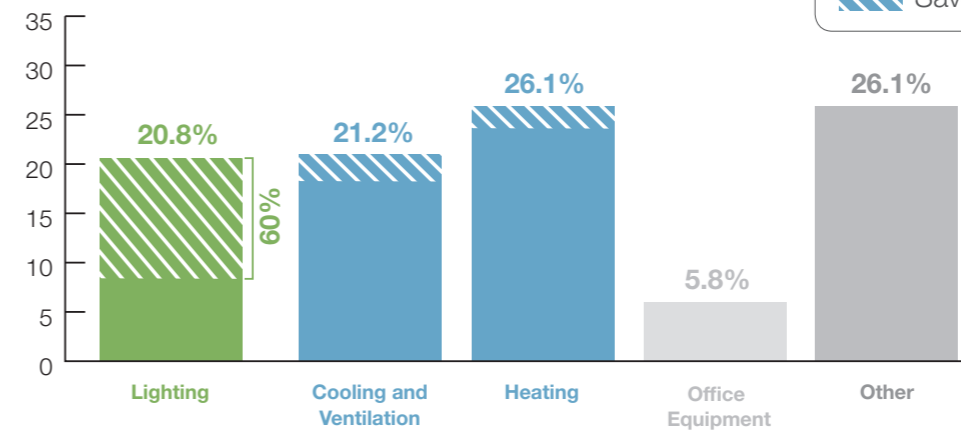
- Occupancy/vacancy sensing** turns lights on when occupants are in a space and off when they vacate the space.
- Daylight harvesting** dims electric lights when daylight is available to light the space.
- High-end trim** sets the maximum light level based on customer requirements in each space.
- Personal dimming control** gives occupants the ability to adjust the light level.
- Scheduling** provides pre-programmed changes in light levels based on time of day.
- HVAC integration** controls heating, ventilation, and air conditioning systems through contact closure, or BACnet protocol.
- Load shedding** automatically reduces lighting loads during peak electricity usage times.*
- System Optimization Service** from Lutron identifies important lighting control adjustments to save additional energy and create a more productive work environment on an ongoing basis.

* Go to lutron.com/references for more information

Potential savings

- 20–60% Lighting⁴
- 25–60% Lighting⁵
- 10–30% Lighting⁹
- 10–20% Lighting¹⁰
- 10–20% Lighting⁶
- 5–15% HVAC¹¹
- 30–50% Peak Period⁷
- Variable

Annual electricity use in commercial buildings¹



Lutron Product Capabilities: Commercial Applications

Strategies for code/standards compliance	Local Solutions			Panel Solutions	
	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.

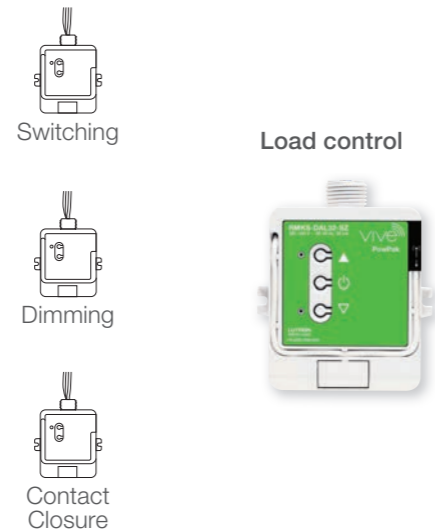
Define your space

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

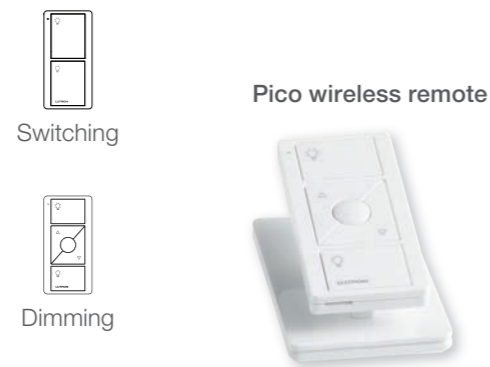
- Select the controller appropriate for the loads on your job
- Options available for:
 - 0-10V, DALI
 - Switching CCO
- Simply wire control with power into your circuit.



Step 2

Control your lights where you need to

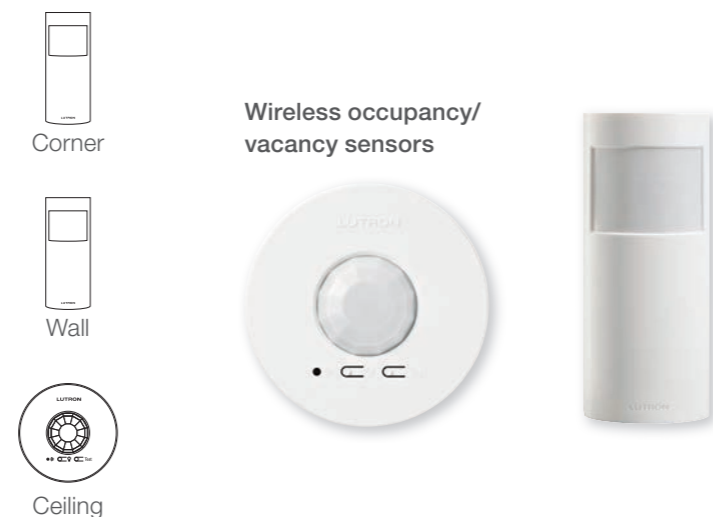
- Wireless devices can be mounted to any surface with no wiring needed.
- Controls communicate wirelessly to the controls in the ceiling.
- 10 year battery life



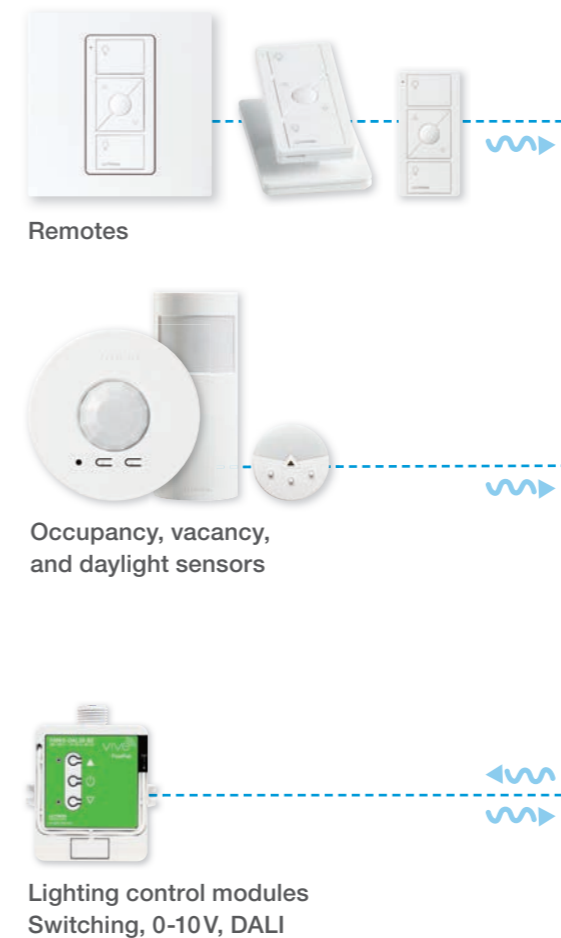
Step 3

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



Flexible, wireless controls and sensors for simple, scalable design



Add wireless hubs for centralised control and integration (optional)



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.

Understand how the products are laid out in the space

Room type Type of solution


School Classroom | Dimming using a Junction Box




Line-voltage wiring
Clear Connect RF Communication

Application uses a Junction box instead of a Marshalling box

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.

48
49

Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMKS-DAL4-SZ	PowPak Single Zone Module with DALI	2
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Learn more about the products used in the space

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.

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 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

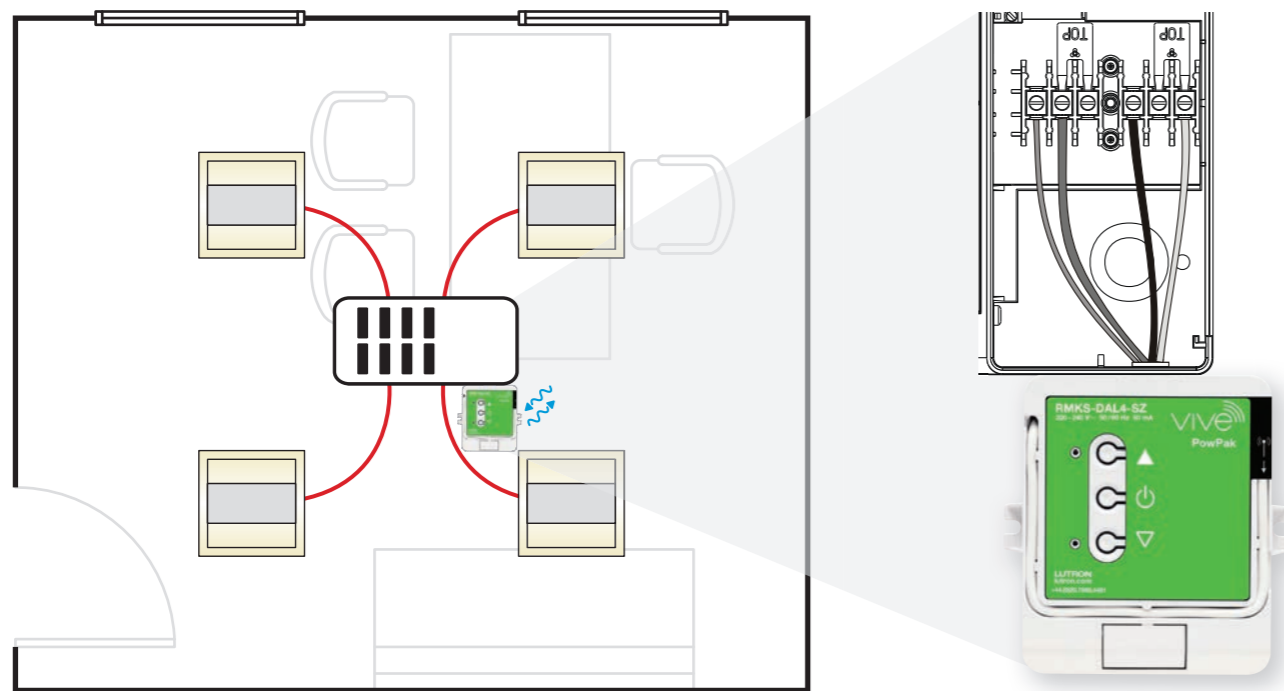
Vive wireless hub features:

- 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 m² (10,000 ft²) with a single hub
- Optional BACnet integration

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

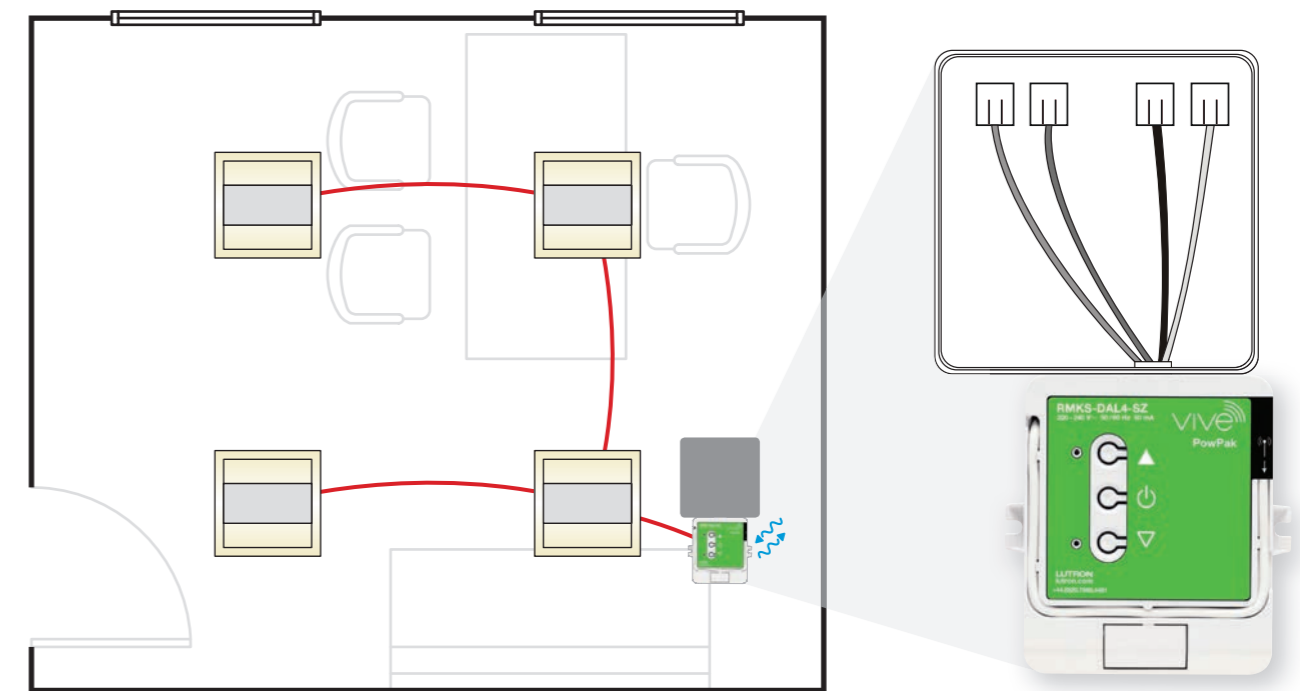


Lutron PowPaks offer unparalleled versatility as lighting control modules. They work for both retrofit and new construction, allowing for easy upgrade of any building into a smart building. They can be wired into a junction box or into a marshalling box for maximum flexibility.



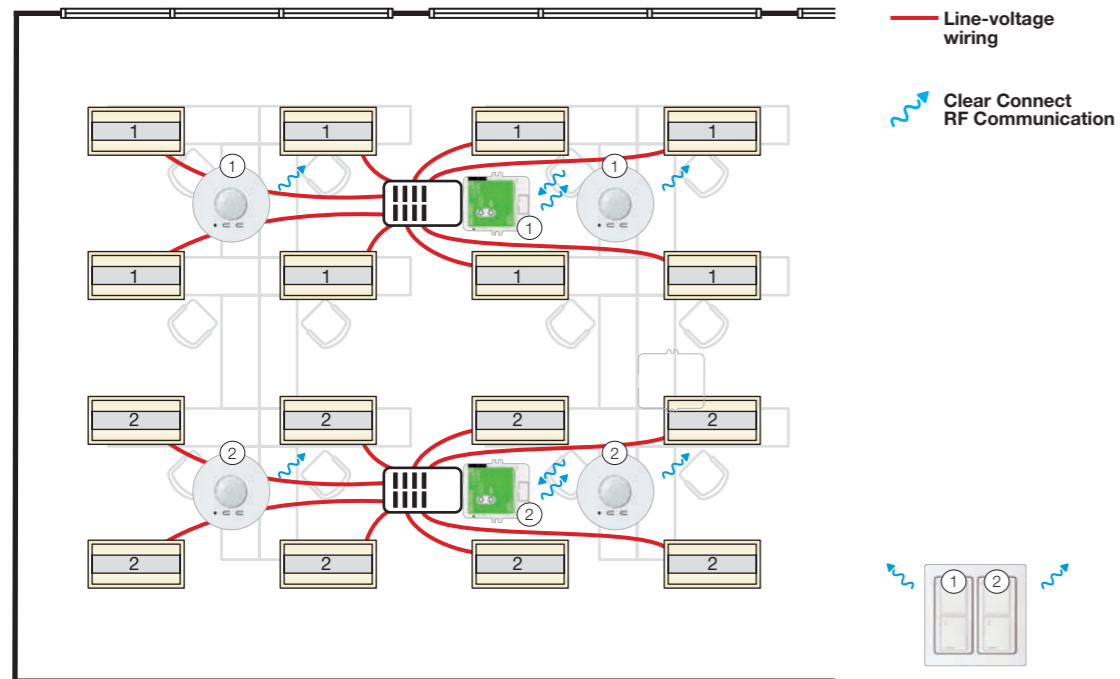
Marshalling Boxes

- Ideal for installations with drop ceilings
- Lutron's PowPaks work with any marshalling box. Simply connect PowPak through a knockout and wire it to the terminals inside the wiring compartment
- Connect multiple PowPaks to a marshalling box that has multiple circuits for additional functionality



Junction Boxes

- Ideal for installations with exposed services, avoiding clutter in the ceiling
- Simply connect the PowPak through a knockout and wire it using the terminals provided with PowPak
- Connect multiple PowPaks to a junction box if you want to split circuits for added functionality



Symbol	Model Number	Description	Qty
	RMKS-16R-DV-B	PowPak 16A Relay Module	2
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	4
	PK2-2B-TAW-L01	Pico Wireless Control 2 Button On/Off	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

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:

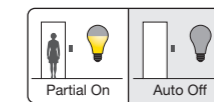
Manual: Occupant uses wall switches to turn zones on and off.

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

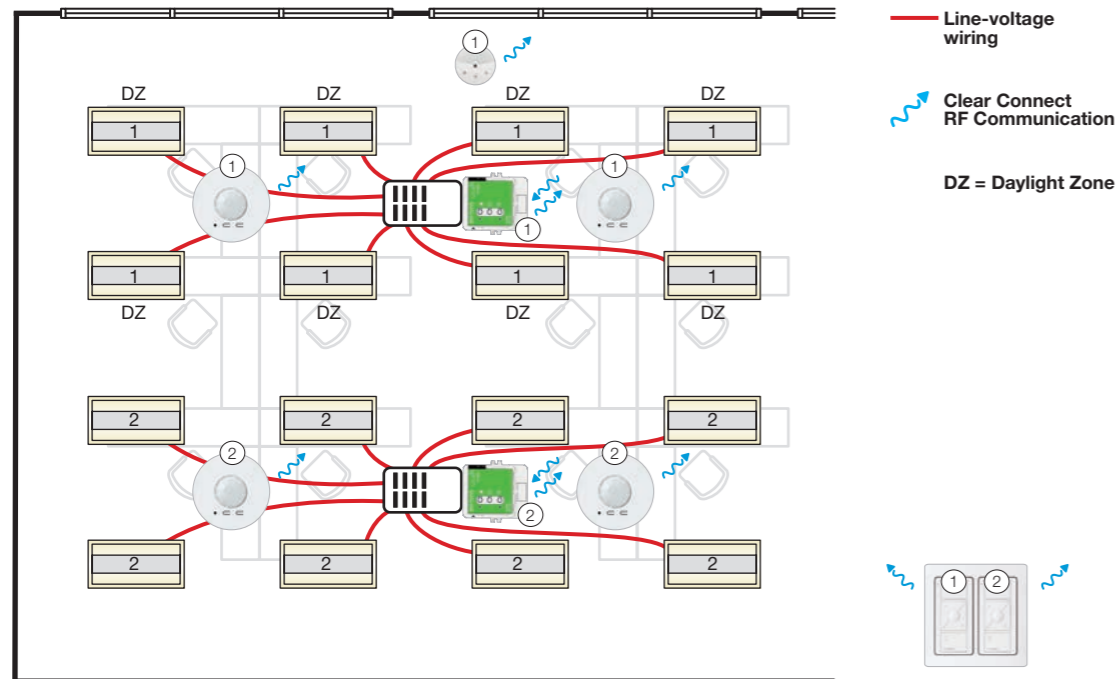


Occupancy/Vacancy

Lighting Energy Savings*

35%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	2
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	4
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-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.

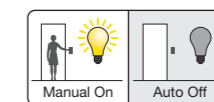
Manual: Occupant uses wall dimmers to set desired light levels for all lights.

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.

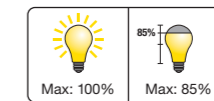
Control Strategies



Occupancy/Vacancy



Daylight Harvesting

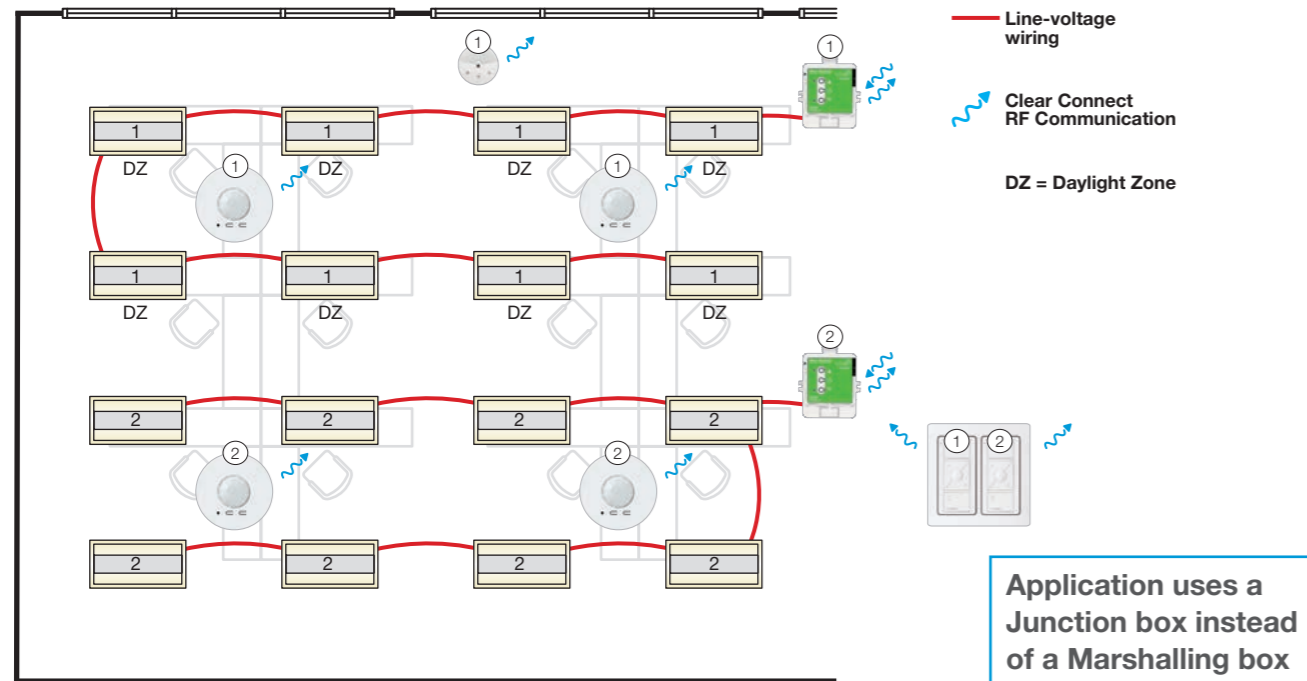


High-end Trim/Tuning

Lighting Energy Savings*

55%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	2
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	4
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-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%.

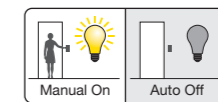
When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability. There is one perimeter daylight zone.

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

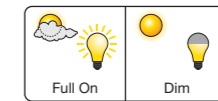
Occupant Exits:
All lights automatically shut off 15 minutes (by default) after all occupants exit.

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

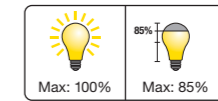
Control Strategies



Occupancy/Vacancy



Daylight Harvesting

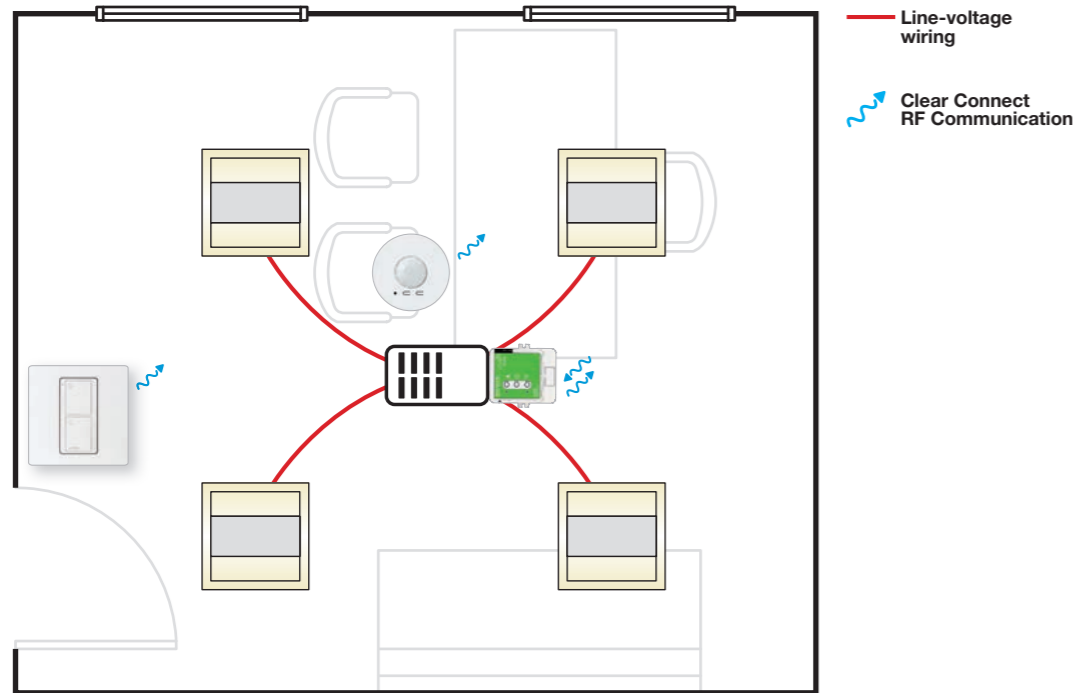


High-end Trim/Tuning

Lighting Energy Savings*

55%

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



Symbol	Model Number	Description	Qty
	RMKS-16R-DV-B	PowPak 16A Relay Module	1
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	1
	PK2-2B-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:

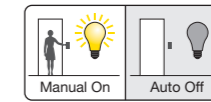
Manual: Occupant uses wall switch to turn on and turn off all lights.

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



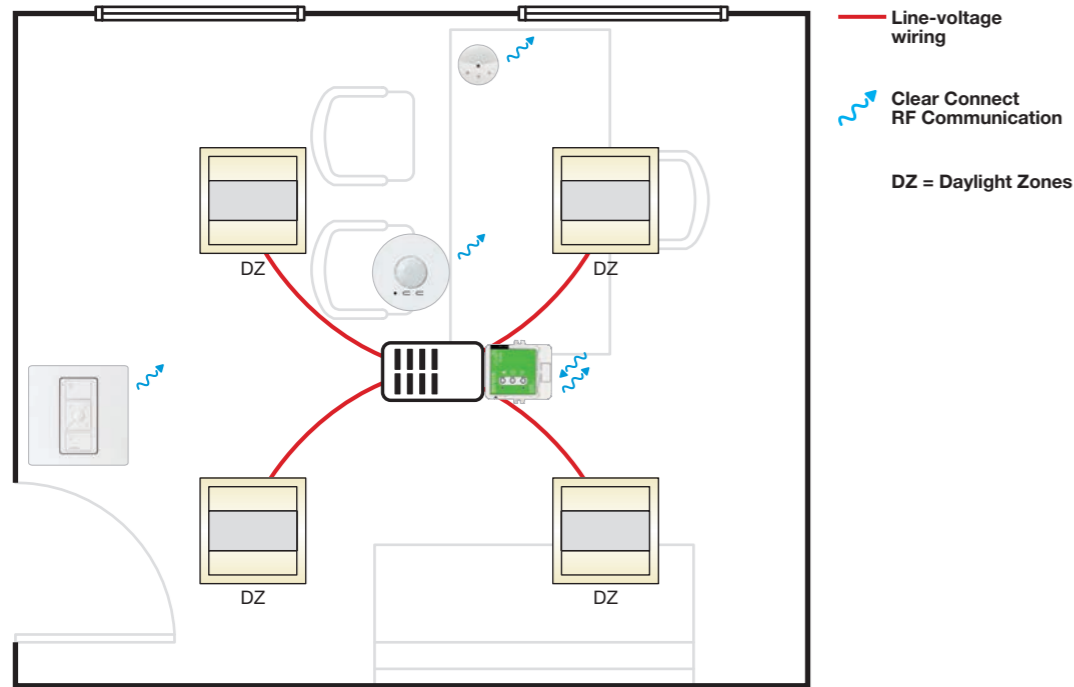
Occupancy/Vacancy



Lighting Energy Savings*

30%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL4-SZ	PowPak Single Zone Module with DALI	1
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-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 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.

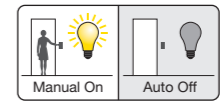
When Occupied: Automatic: Overhead lights dim/brighten based on daylight availability.

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

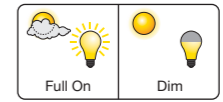
Occupant Exits: All lights automatically shut off 15 minutes (by default) after all occupants exit.

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

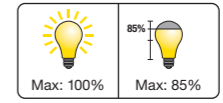
Control Strategies



Occupancy/Vacancy



Daylight Harvesting



High-end Trim/Tuning

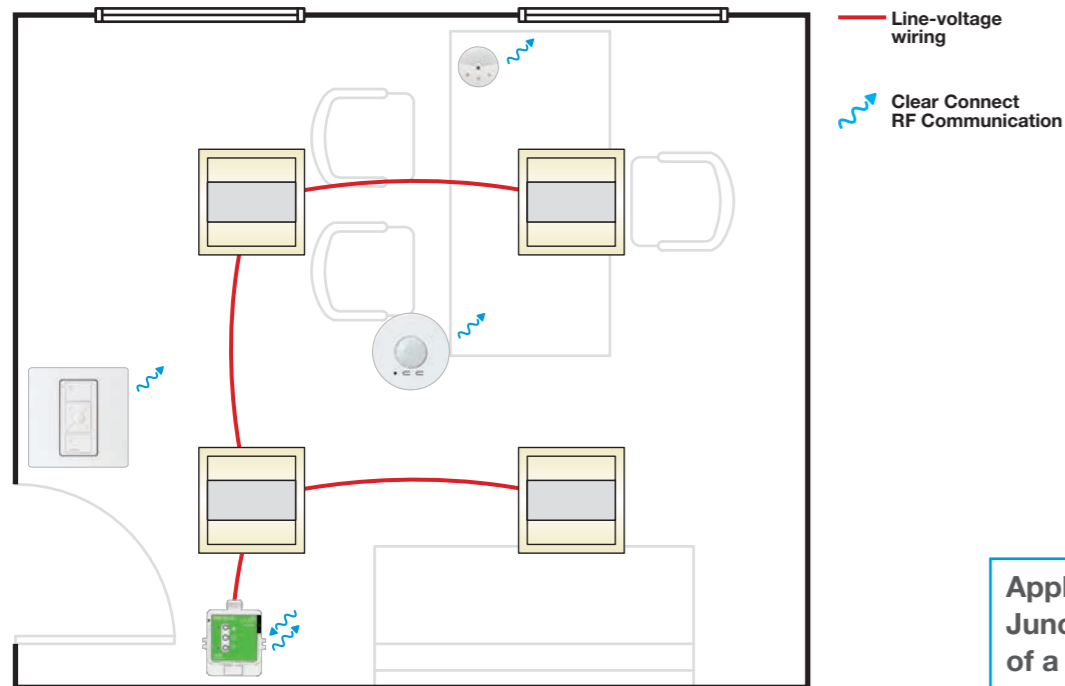


Personal Dimming

Lighting Energy Savings*

60%

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



Application uses a Junction box instead of a Marshalling box

Symbol	Model Number	Description	Qty
	RMKS-DAL4-SZ	PowPak Single Zone Module with DALI	1
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-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 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.

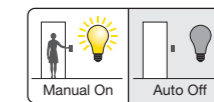
Manual: Occupant uses wall dimmer to set desired light levels for all lights.

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.

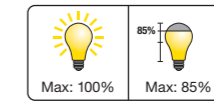
Control Strategies



Occupancy/Vacancy



Daylight Harvesting



High-end Trim/Tuning

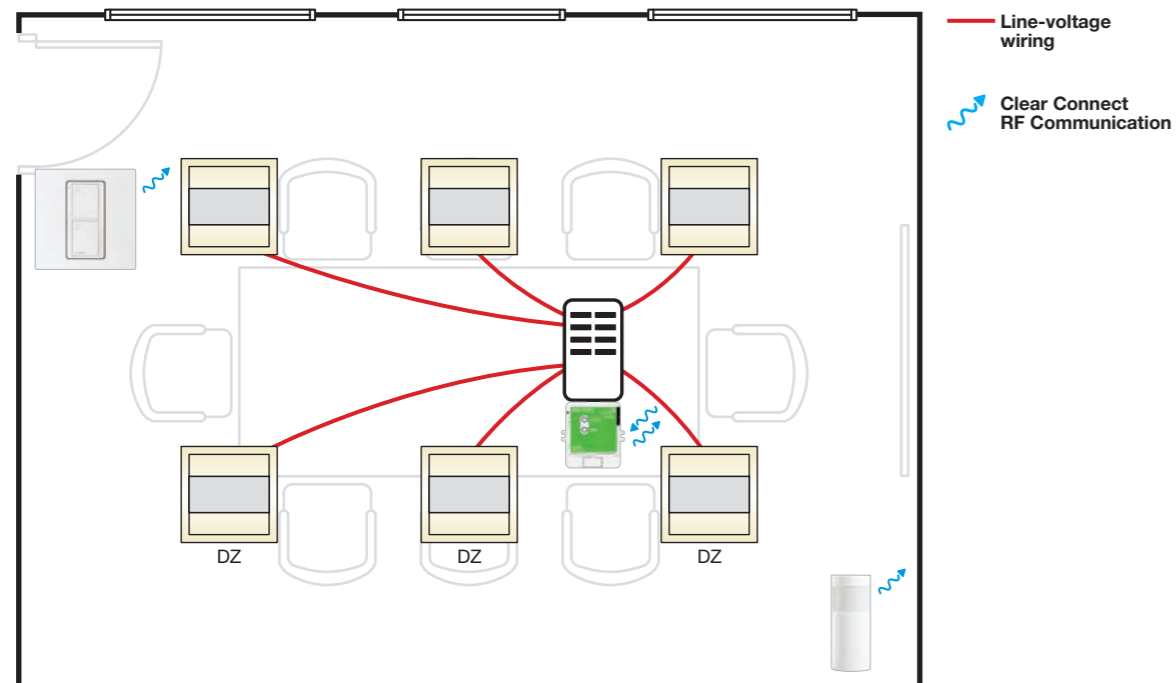


Personal Dimming

Lighting Energy Savings*

60%

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



Symbol	Model Number	Description	Qty
	RMKS-16R-DV-B	PowPak 16A Relay Module	1
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	PK2-2B-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

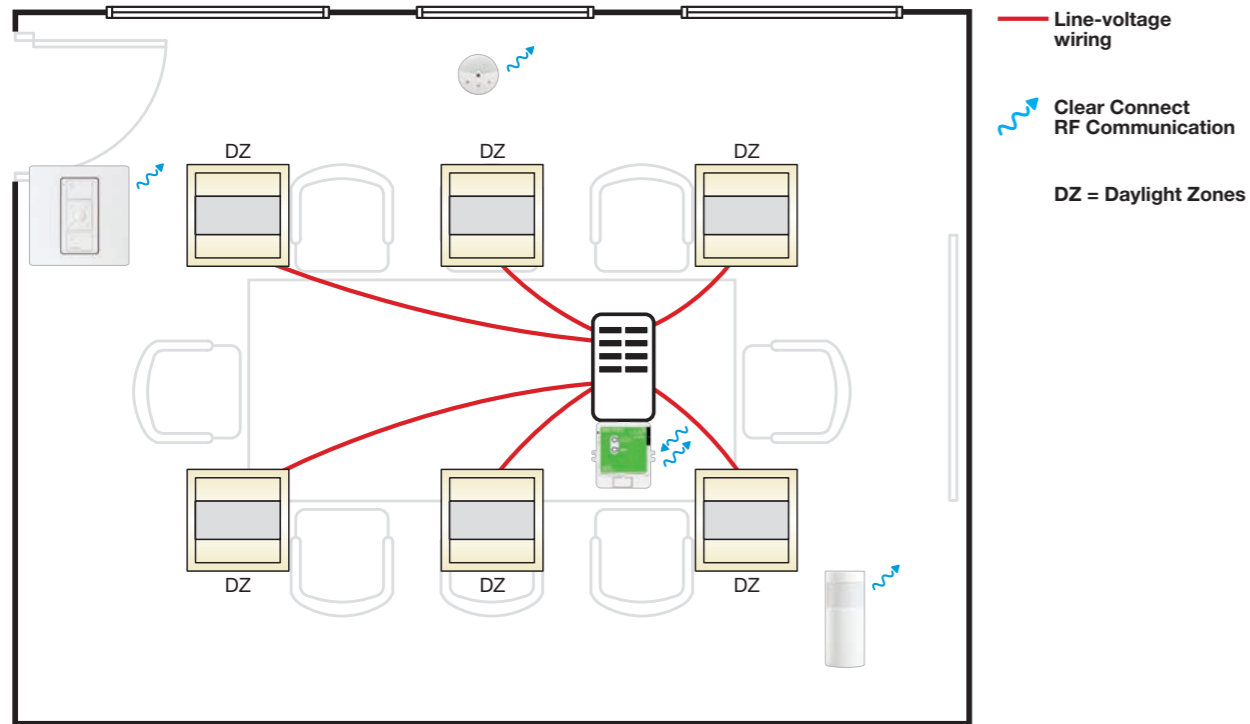


Occupancy/Vacancy

Lighting Energy Savings*

40%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-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.

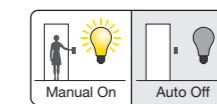
Manual: Occupant uses wall dimmer to set desired light levels for all lights.

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.

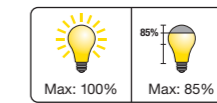
Control Strategies



Occupancy/Vacancy



Daylight Harvesting



High-end Trim/Tuning

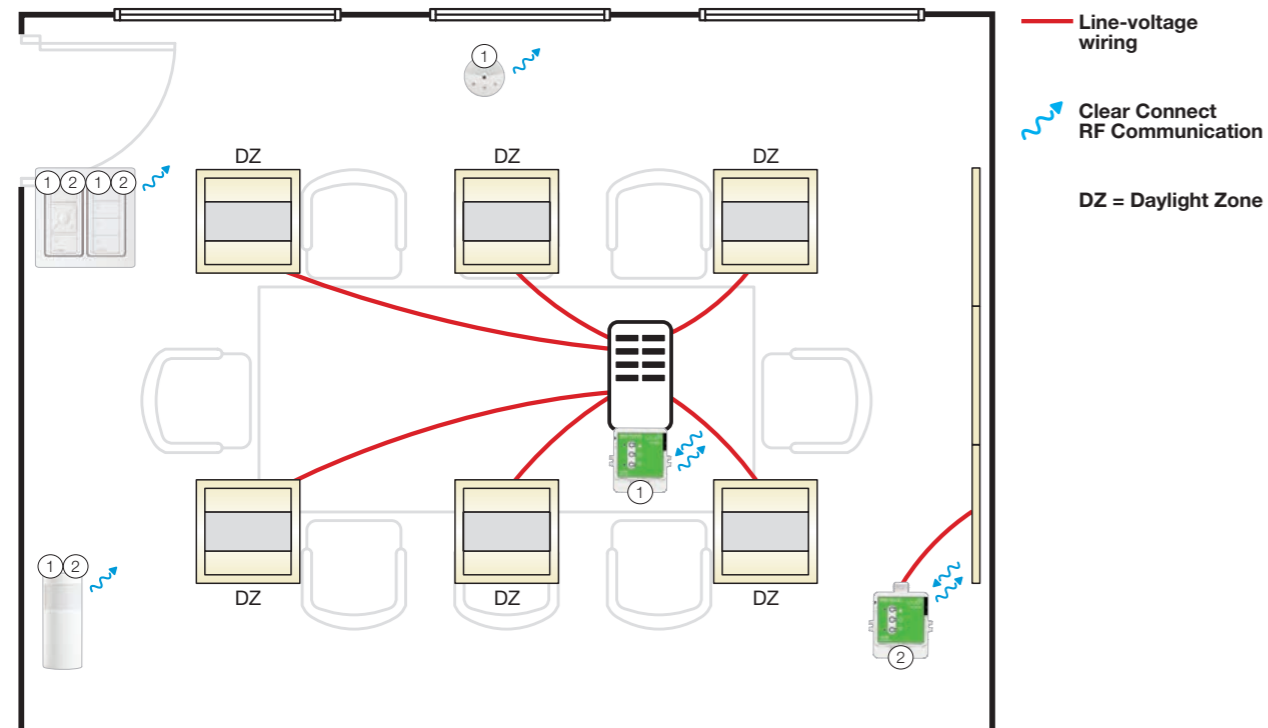


Personal Dimming

Lighting Energy Savings*

55%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMKS-DAL4-SZ	PowPak Single Zone Module with DALI	1
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	PK2-4B-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.

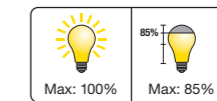
Control Strategies



Occupancy/Vacancy



Daylight Harvesting



High-end Trim/Tuning

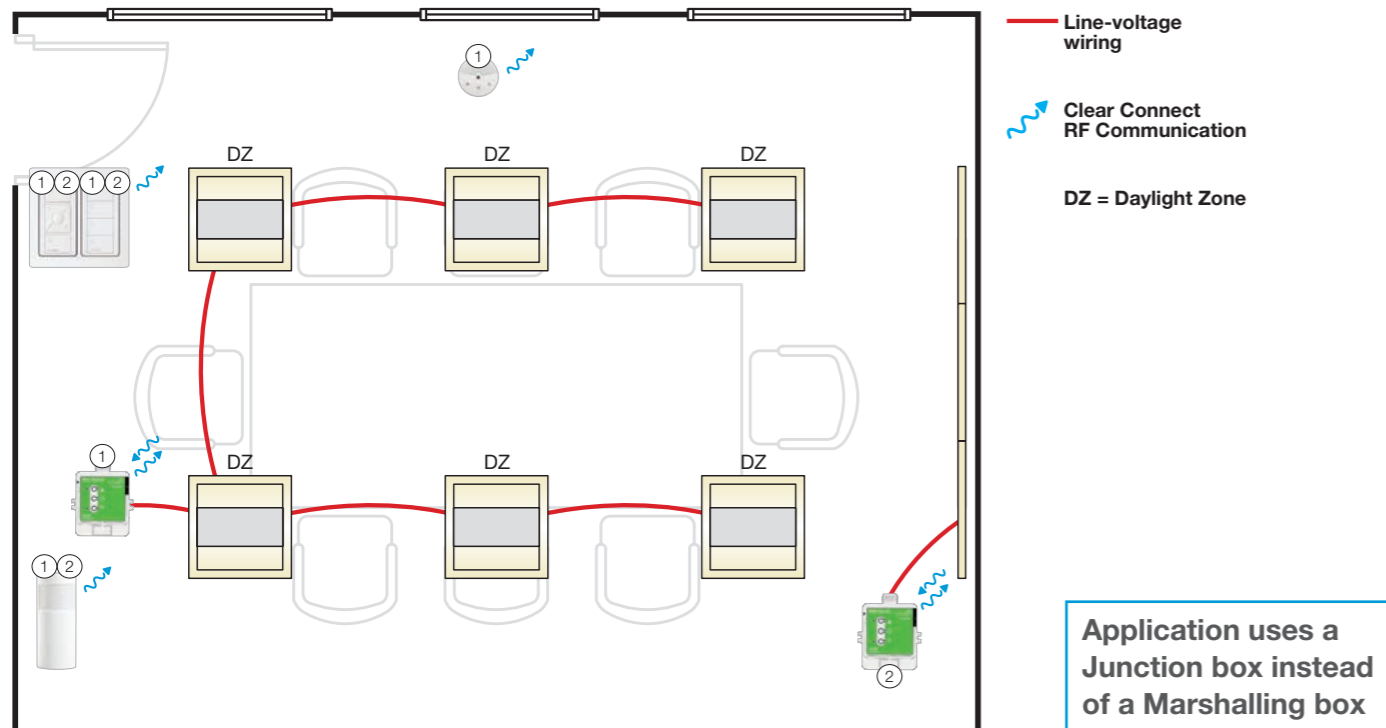


Personal Dimming

Lighting Energy Savings*

55%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMKS-DAL4-SZ	PowPak Single Zone Module with DALI	1
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	1
	PK2-4B-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 occupancy 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:

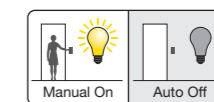
All lights automatically shut off 15 minutes (by default) after all occupants exit.

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.

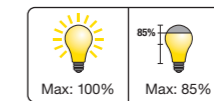
Control Strategies



Occupancy/Vacancy



Daylight Harvesting



High-end Trim/Tuning

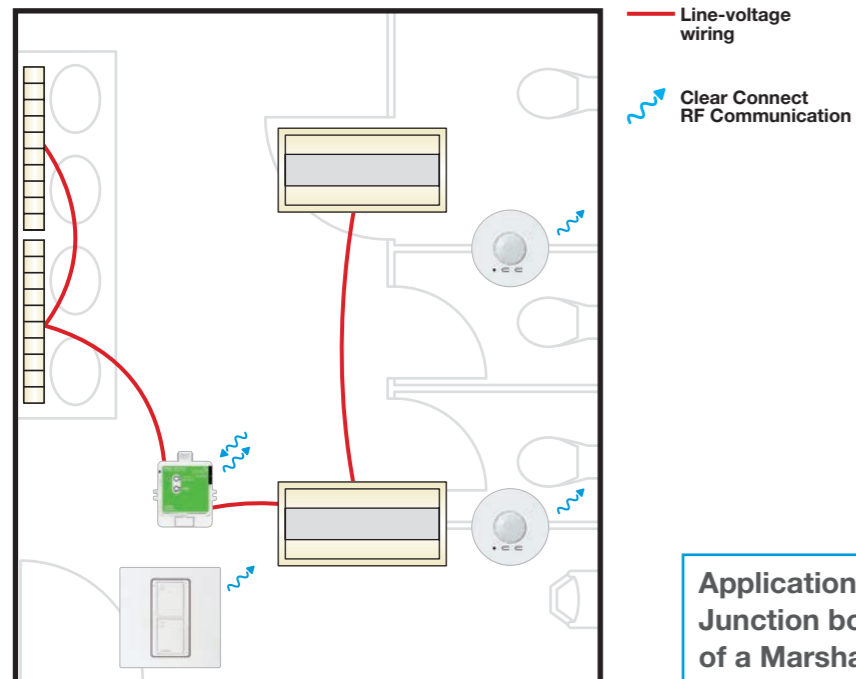


Personal Dimming

Lighting Energy Savings*

55%

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



Application uses a Junction box instead of a Marshalling box

Symbol	Model Number	Description	Qty
	RMKS-16R-DV-B	PowPak 16A Relay Module	1
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	2
	PK2-2B-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:

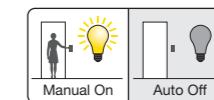
Manual: Occupant uses wall switch to turn all lights off.

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

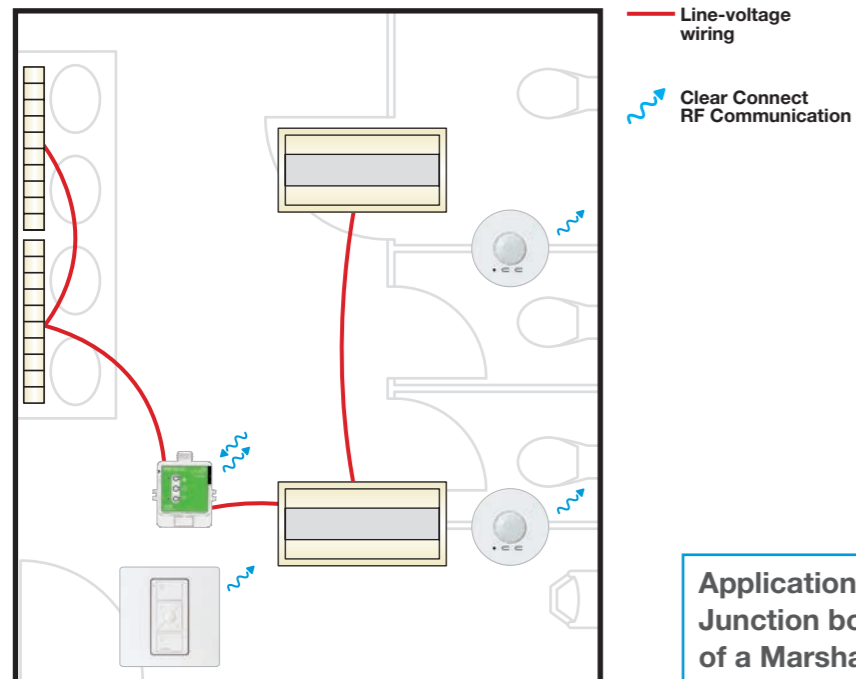


Occupancy/Vacancy




Lighting Energy Savings*

50%

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



Application uses a Junction box instead of a Marshalling box

Symbol	Model Number	Description	Qty
	RMKS-DAL4-SZ	PowPak with DALI	1
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	2
	PK2-3BRL-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:

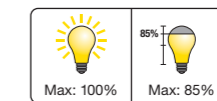
All lights automatically shut off 15 minutes (by default) after all occupants exit.

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

Control Strategies



Occupancy/Vacancy

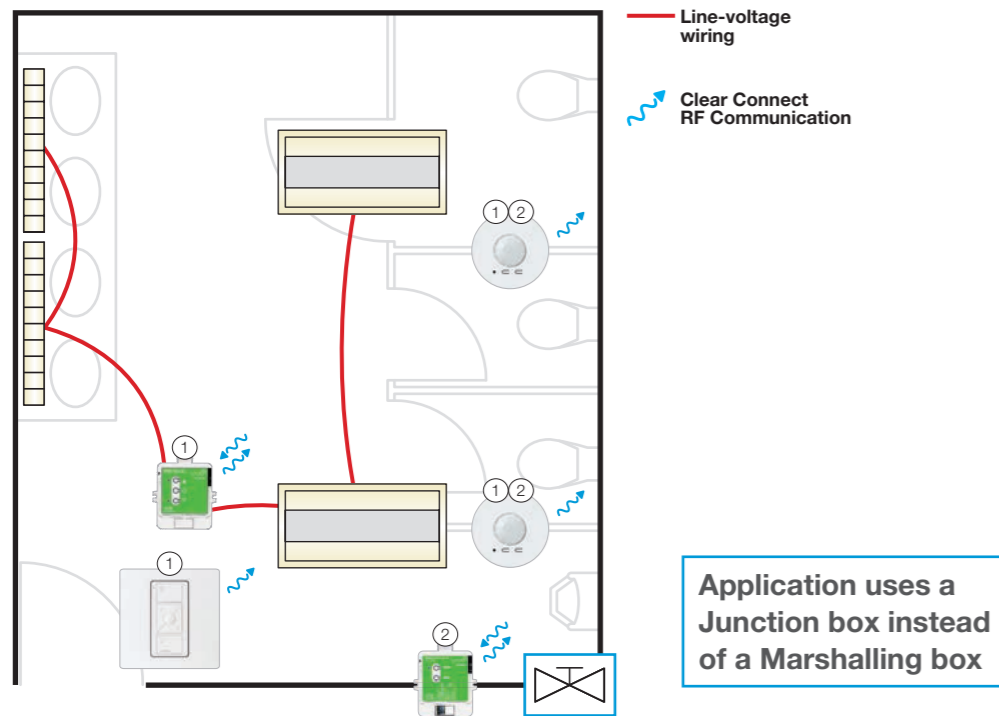


High-end Trim/Tuning

Lighting Energy Savings*

60%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL4-SZ	PowPak with DALI	1
	RMKS-CCO1-24-B	PowPak CCO Module	1
	LRF3-OCR2B-P-WH	Radio Powr Savr Wireless Ceiling Occupancy Sensor	2
	PK2-3BRL-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:

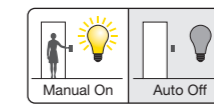
All lights automatically shut off 15 minutes (by default) after all occupants exit.

Advanced Functionality:

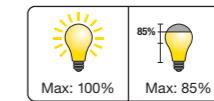
The CCO PowPak triggers the solenoid for an automatic flush.

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

Control Strategies



Occupancy/Vacancy

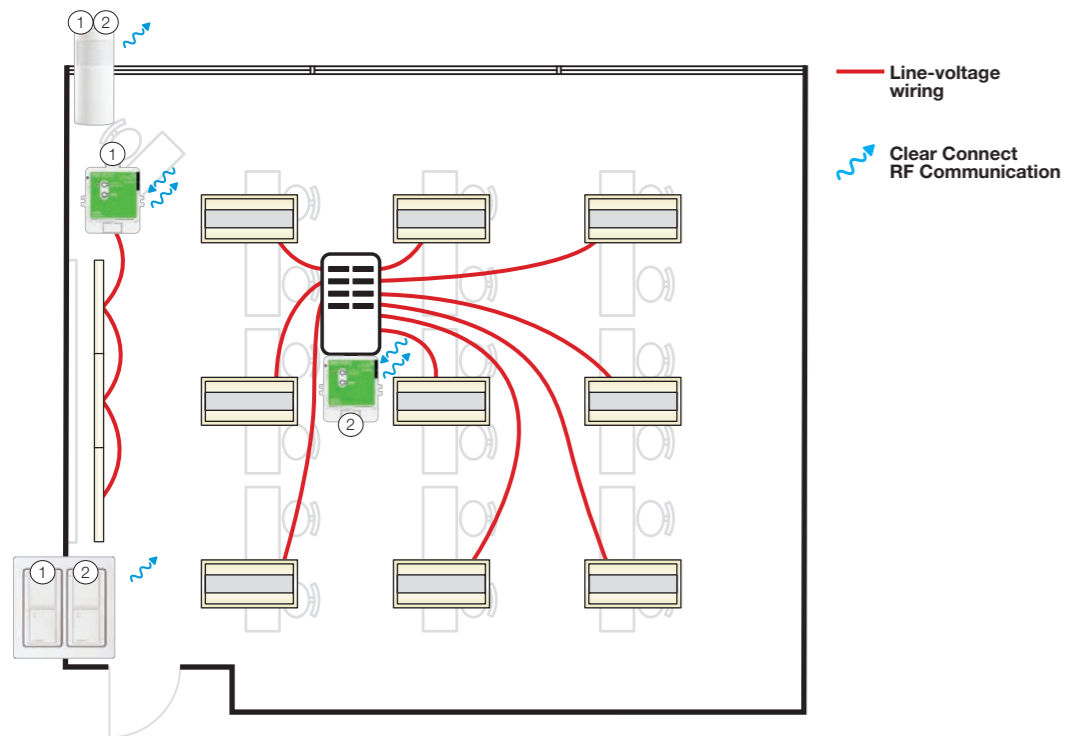


High-end Trim/Tuning

Lighting Energy Savings*

60%

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



Symbol	Model Number	Description	Qty
	RMKS-16R-DV-B	PowPak 16A Relay Module	2
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	PK2-2B-TAW-L01	Pico Wireless Control 2 Button On/Off	2
	LPFP-S2-TAW	Pico Wireless Faceplate (Dual)	1

Visible System Components



Pico wireless control



Radio Powr Savr wireless corner-mount vacancy 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:

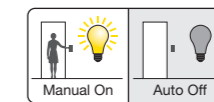
Manual: Occupant uses wall switches to turn on and turn off general and whiteboard lights.

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

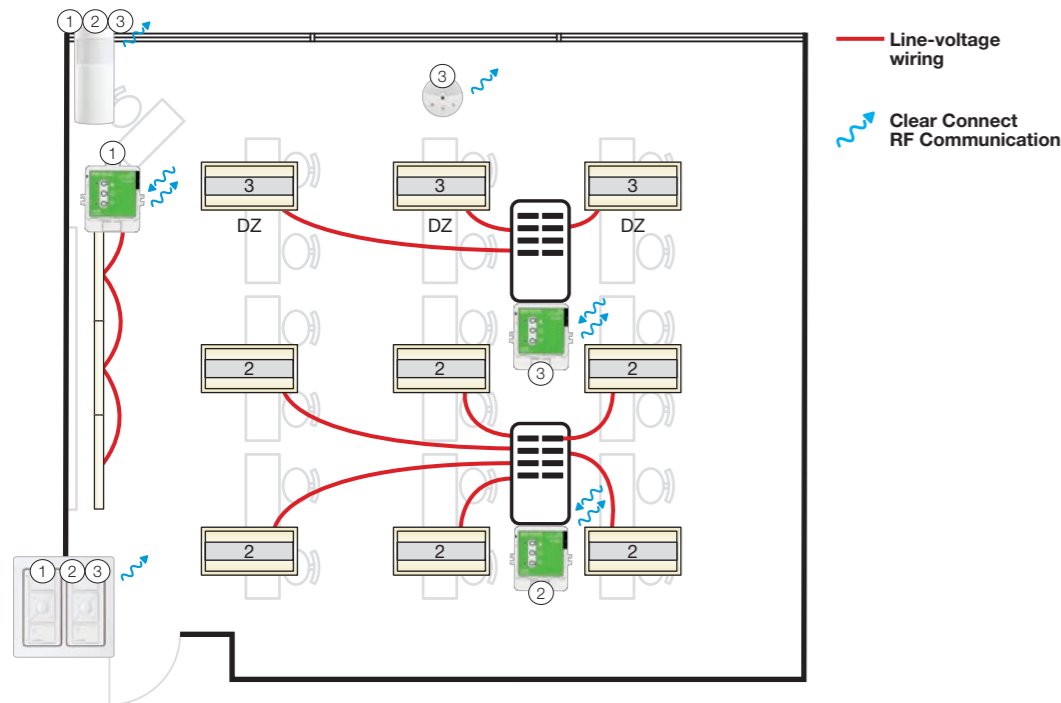


Occupancy/Vacancy

Lighting Energy Savings*

45%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMKS-DAL4-SZ	PowPak Single Zone Module with DALI	2
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-TAW-L01	Pico Wireless Control On/Off and Raise/Lower	2
	LPPF-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.

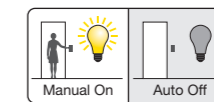
Manual: Occupant uses wall dimmers to set desired light levels for both general and whiteboard lights.

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.

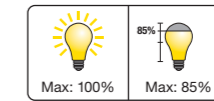
Control Strategies



Occupancy/Vacancy



Daylight Harvesting



High-end Trim/Tuning

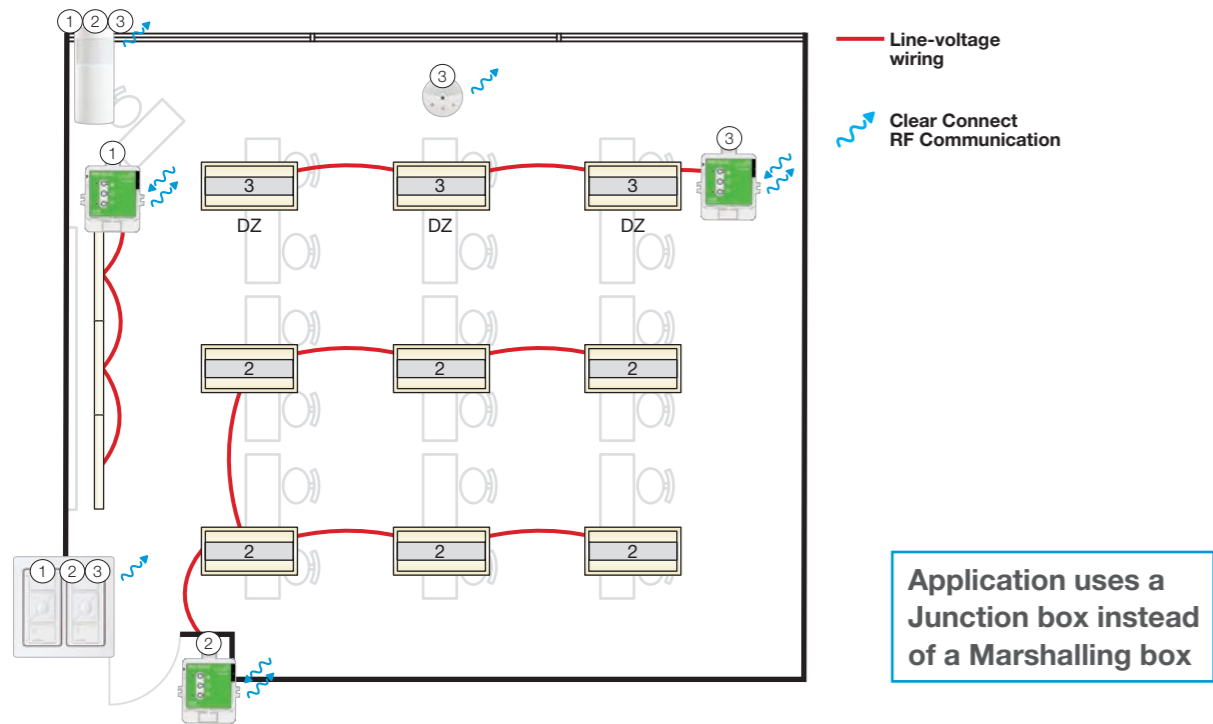


Personal Dimming

Lighting Energy Savings*

60%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	RMKS-DAL4-SZ	PowPak Single Zone Module with DALI	2
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	LRF3-DCRB-P-WH	Radio Powr Savr Wireless Daylight Sensor	1
	PK2-3BRL-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.

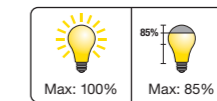
Control Strategies



Occupancy/Vacancy



Daylight Harvesting



High-end Trim/Tuning

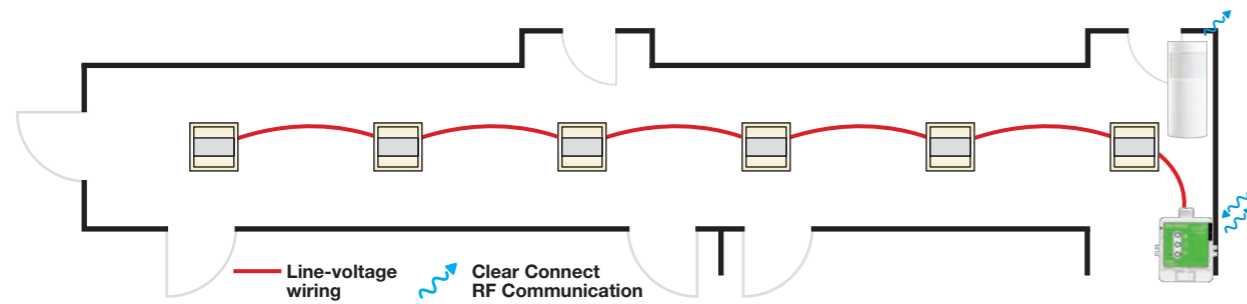


Personal Dimming



Lighting Energy Savings*

60%

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



Application uses a Junction box instead of a Marshalling box

Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF3-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.

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

Control Strategies

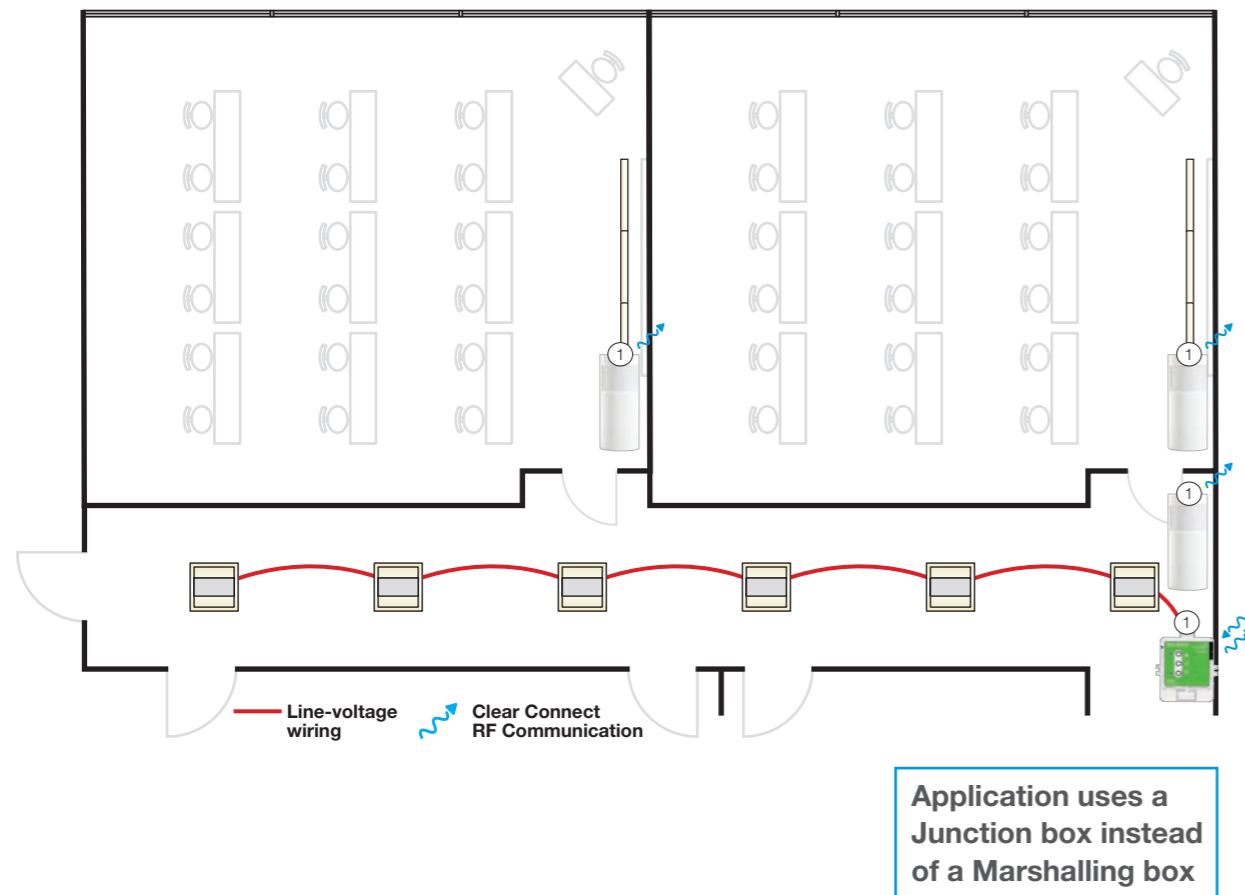


Occupancy/Vacancy

Lighting Energy Savings*

30%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF3-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.

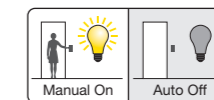
Advanced Functionality:

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

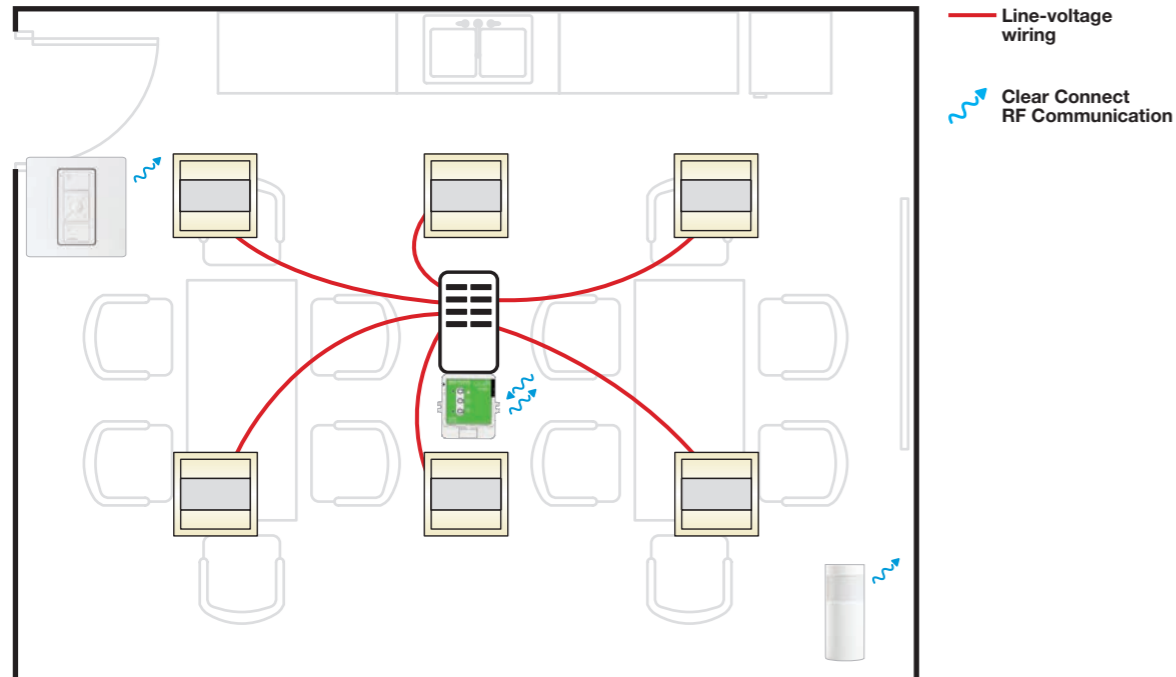


Occupancy/Vacancy

Lighting Energy Savings*

30%

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



Symbol	Model Number	Description	Qty
	RMKS-DAL32-SZ	PowPak Single Zone Module with DALI	1
	LRF3-OKLB-P-WH	Radio Powr Savr Wireless Corner Occupancy Sensor	1
	PK2-3BRL-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:

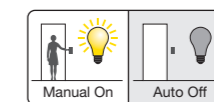
Manual: Occupant uses wall switch to turn all lights off.

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



Occupancy/Vacancy

Lighting Energy Savings*

40%

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

Further Information

Please visit lutron.com/vive-europe 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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