

Beyond Controls

Control Systems

Remote Wall-mount
& Wireless Dimmer
151020

Wireless Wall-mount
PIR Sensor
151018

Wireless Dual-tech PIR
Daylight Sensor
151019

Daylight Sensor
151021

Power Pack 10V Dimming
Module & Remote
151017

Features

- Full Radio Frequency System.
- No computer needed.
- 1-Touch wireless commissioning.
- Wireless dimmer.
- PIR occupancy sensing.
- Daylight sensing.
- Mounts through standard knockout on electrical box without moving any previous wire.

Input Voltage

- 120-277Vac 50-60Hz

Advantages

- Save up to 60% of electricity usage with this wireless smart control system.
- Easy installation and works with a range of Beyond LED products.
- Control your lighting and your power bill all at once.

Recommended Use

- Warehouses, parking lots
- Offices, homes,
- Large buildings
- Office parks



Beyond Controls

Power Pack 10V Dimming Module & Remote

CONTROL SYSTEMS

SKU #	151017
MODEL #	151017

Specifications

MAX POWER	1200W
STANDBY POWER	0.6W
FREQUENCY BAND	443.92Mhz
RF RANGE	30m
MAX CURRENT	10A

Fixture Specifications

BATTERY LIFE	N/A
VOLTAGE	120-277V 50-60Hz
APPLICATION	Indoor

Warranty & Qualification

WARRANTY	DLC Listed
5 Year Limited	No

Due to continuous product improvement, information in this document is subject to change.

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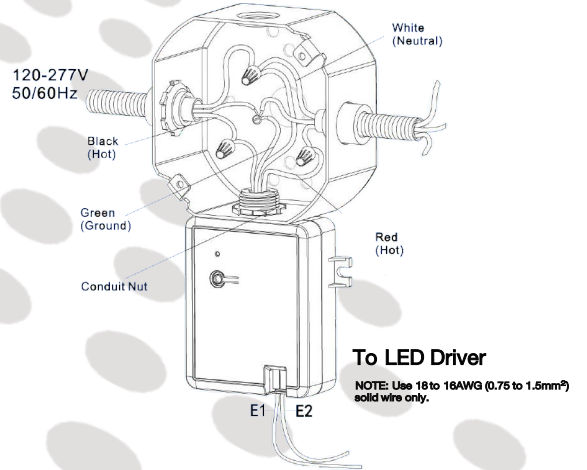
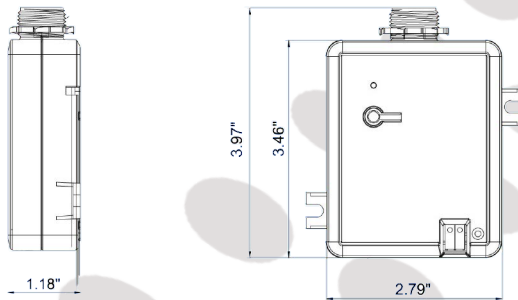
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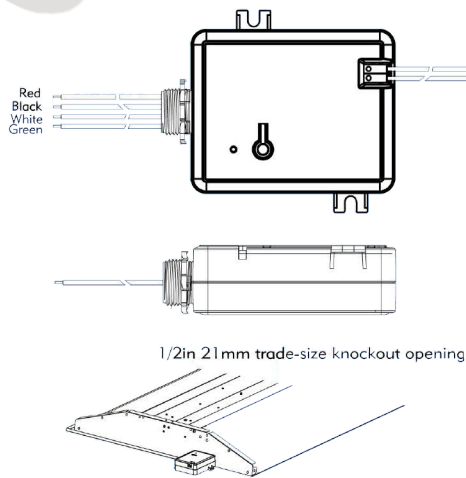
Power Pack 10V Dimming Module & Remote

Drawing

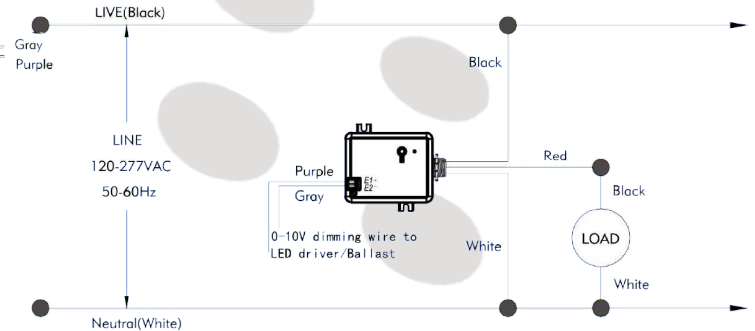
1/2" in 21mm trade-size knockout opening



Wiring



Housing mounts into standard 1/2" knockout on lighting fixture or junction box. Wire feed through knockout for connection inside lighting fixture or junction box.



Notice For User

- Please turn off power before install or change assembly parts.
- The lamp should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
- Do not use sharp tools near or on the surface of the lamp.
- Unpack and examine the product carefully. Report any damage and save all packing materials if any portion of the product was damaged during transportation.

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Beyond Controls

Wireless Wall-mount PIR Sensor

CONTROL SYSTEMS	
SKU #	151018
MODEL #	151018

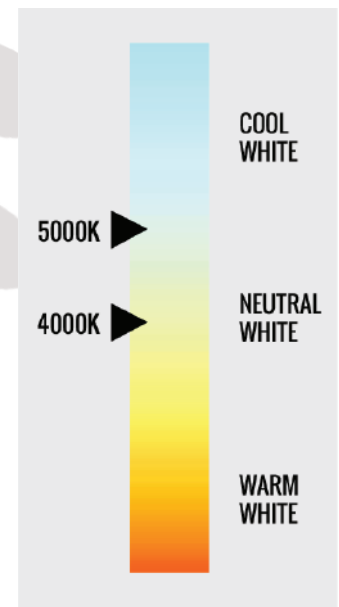
Specifications

MAX POWER	1200W
STANDBY POWER	2.5uA
FREQUENCY BAND	443.92Mhz
FIELD OF VIEW	120°
DETECT DISTANCE	4m-15m

Fixture Specifications

BATTERY LIFE	5 Years
VOLTAGE	3V
APPLICATION	Indoor

CORRELATED
COLOR TEMPERATURE
(CCT)



Warranty & Qualification

WARRANTY	DLC Listed
5 Year Limited	No

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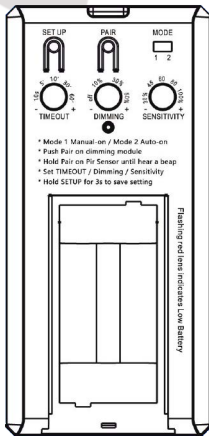
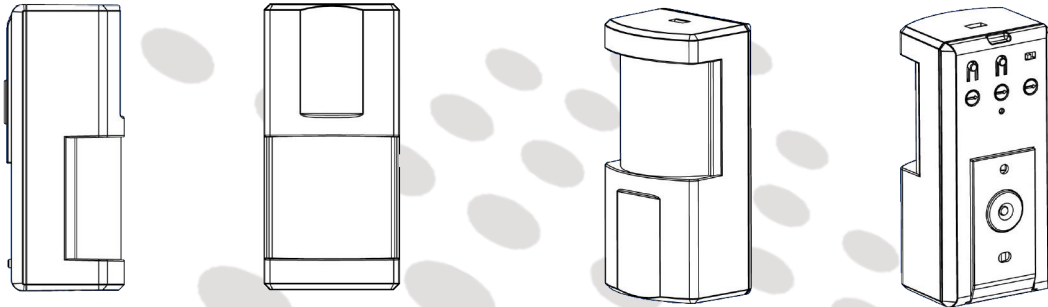
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Wireless Wall-mount PIR Sensor

Drawing



Quick Setup:

Chose Mode 1 Occupancy mode : light need to be manually switched on with manual controller, delay Mode 2 Auto-on : Light automatically on once detect people, automatically off or go down to dimming level after people leave .

1. Push PAIR on Power Pack 0-10V dimming module, the small led on dimming module will flash quickly.
2. Push PAIR on PIR sensor for 3s.

You will hear a beep indicate the sensor has linked with the dimming module.

3. Set Timeout: 10s (as test mode) 5min 10min 30min 60min.

Set Dimming level: Off 10% 30% 50% .After people leave, light will off or dim to this level automatically.
Set Sensitivity : 30% 45% 60% 80% 100%.

4. Hold SETUP for 3s to save setting, small led light on sensor flash twice indicate set up .

Note: Every time you change settings , DO remember to HOLD SETUP for 3s to save .

Flashing red lens indicates Low Battery | Customized default setting is available

Default Setting: Timeout: 10min Dimming: Off Sensitivity: 100%

Mount sensor to have a best unobstructed view of the whole room , far away from hot object. Setup easily on surface buttons.

Notice For User

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Beyond Controls

Wireless Dual-tech PIR Daylight Sensor

CONTROL SYSTEMS	
SKU #	151019
MODEL #	151019

Specifications

MAX POWER	N/A
STANDBY POWER	2uA
FREQUENCY BAND	443.92Mhz
RF RANGE	30m
IP RATING	IP66

Fixture Specifications

BATTERY LIFE	5 Years
MOUNT HEIGHT	Max 15m
APPLICATION	Indoor / Outdoor

Warranty & Qualification

WARRANTY	DLC Listed
5 Year Limited	No

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Beyond Controls

Wireless Dual-tech PIR Daylight Sensor

Drawing

Quick Setup:

1. Push PAIR on power Pack dimming module, the small led on dimming module will flash quickly.
2. Hold PAIR on sensor until you hear a beep. This indicates that the sensor has linked with the dimming module.
3. Choose Mode 1: Occupancy mode
Choose Mode 2: Streetlight mode, light Automatically on after ambient light is lower than the LUX value you set.

Please refer to the form below to setup.

ON ↑ OFF ↓	Sensitivity		Delay Time		Dimming Level		Dimming Time		Light sensor LUX		
	1	2	3	4	5	6	7	8	9	10	
ON ↑	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
		30%			10s			Permanant on		light sensor off	
	↓	↑	↓	↑	5min	↓	↑	10min	↓	↑	10Lux
	↑	↓	↑	↓	10min	↑	↓	30min	↑	↓	30Lux
	↑	↑	↑	↑	30min	↑	↑	60min	↑	↑	50Lux

This model is IP66 which is widely used for inside or outdoor situation. It can be installed on the surface of any outdoor light or on any subject where you want the sensor to detect people.

Notice For User

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Beyond Controls

Remote Wall-mount & Wireless Dimmer

CONTROL SYSTEMS	
SKU #	151020
MODEL #	151020

Specifications

MAX POWER	N/A
STANDBY POWER	<1uA
FREQUENCY BAND	443.92Mhz
RF RANGE	30m
DIMENSIONS	2.95" x 4.68" / 1.30" x 2.6"

Fixture Specifications

BATTERY LIFE	10 Years
VOLTAGE	3 Vac
APPLICATION	Indoor

Warranty & Qualification

WARRANTY	DLC Listed
5 Year Limited	No

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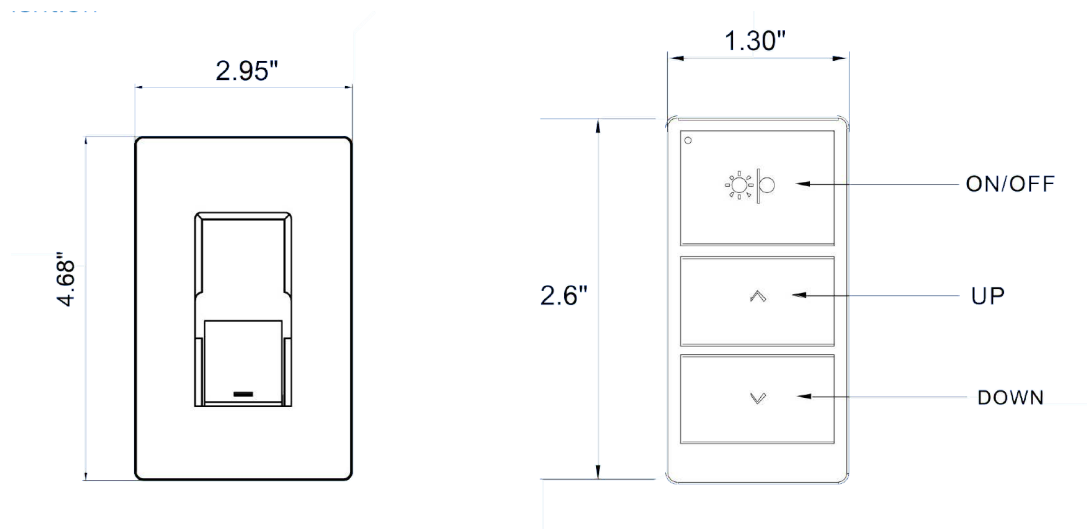
Beyond Controls

Remote Wall-mount & Wireless Dimmer

Drawing

Manually turn on/off and dim lights anywhere in the space.

Easy configuration for use as a hand held control or wall-mount control.



Quick Setup:

1. Push PAIR on power pack.
2. Push ON / OFF button for three seconds to PAIR with power pack.
You will hear a beep indicating that the dimmer has linked with the power pack.
3. Try the buttons to see if the light is successfully controlled.

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Daylight Sensor

CONTROL SYSTEMS	
SKU #	151021
MODEL #	151021

Specifications

MAX POWER	N/A
STANDBY POWER	2uA
FREQUENCY BAND	443.92Mhz
RF RANGE	30m
LIGHT RANGE	0 -1000 lux

Fixture Specifications

BATTERY LIFE	5 Years
INPUT VOLTAGE	3 Vac
APPLICATION	Indoor

Warranty & Qualification

WARRANTY	DLC Listed
5 Year Limited	No

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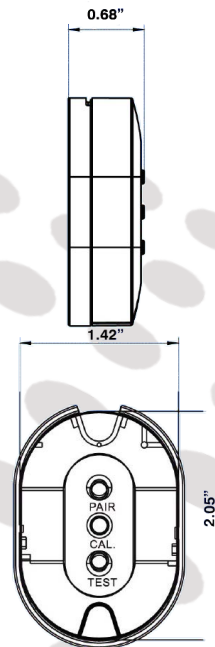
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Daylight Sensor

Drawing



Quick Setup:

1. **Push PAIR on Power Pack 0-10V dimming module. The small led on dimming module will flash quickly.**
2. **Push PAIR for three seconds on Daylight Sensor.**
You will hear a beep indicate the sensor has linked with the dimming module.
3. **Set lights in room to desired light level with manual controller.**
4. **Push CAL. to calibrate the daylight sensor.**
The sensor will collect the current light level in the room and dim the light according to the level you calibrate. When you push CAL. please do not point the transparent hole strong light or very dark place. It may collect wrong light level. Find a place where it is about 1 to 2 meters away from window with proper light level you want. Point the daylight sensor (The transparent hole side. Do not cover the hole.) to the window with proper daylight then push CAL. A small, green L.ED will flash.
5. **Push TEST to enter into test mode. The white L.ED light of the sensor will flash to indicate test mode.**
Cover the sensor to see if the lights in the room dim up. Shine the sensor to see if the lights dim down. It takes about 10 seconds to dim. If the performance is not good, repeat last step to CAL. another light level.
6. **After calibration, hold TEST for three seconds until two small L.EDs (green and red) on the sensor flash once to quit test mode. This is important. If not done properly, the battery will power off very soon.**
After quitting test mode, the sensor will not react and dim lights quickly as test mode. Because sunlight changes very slowly, the sensor is designed to react in half an hour to guarantee the battery life.

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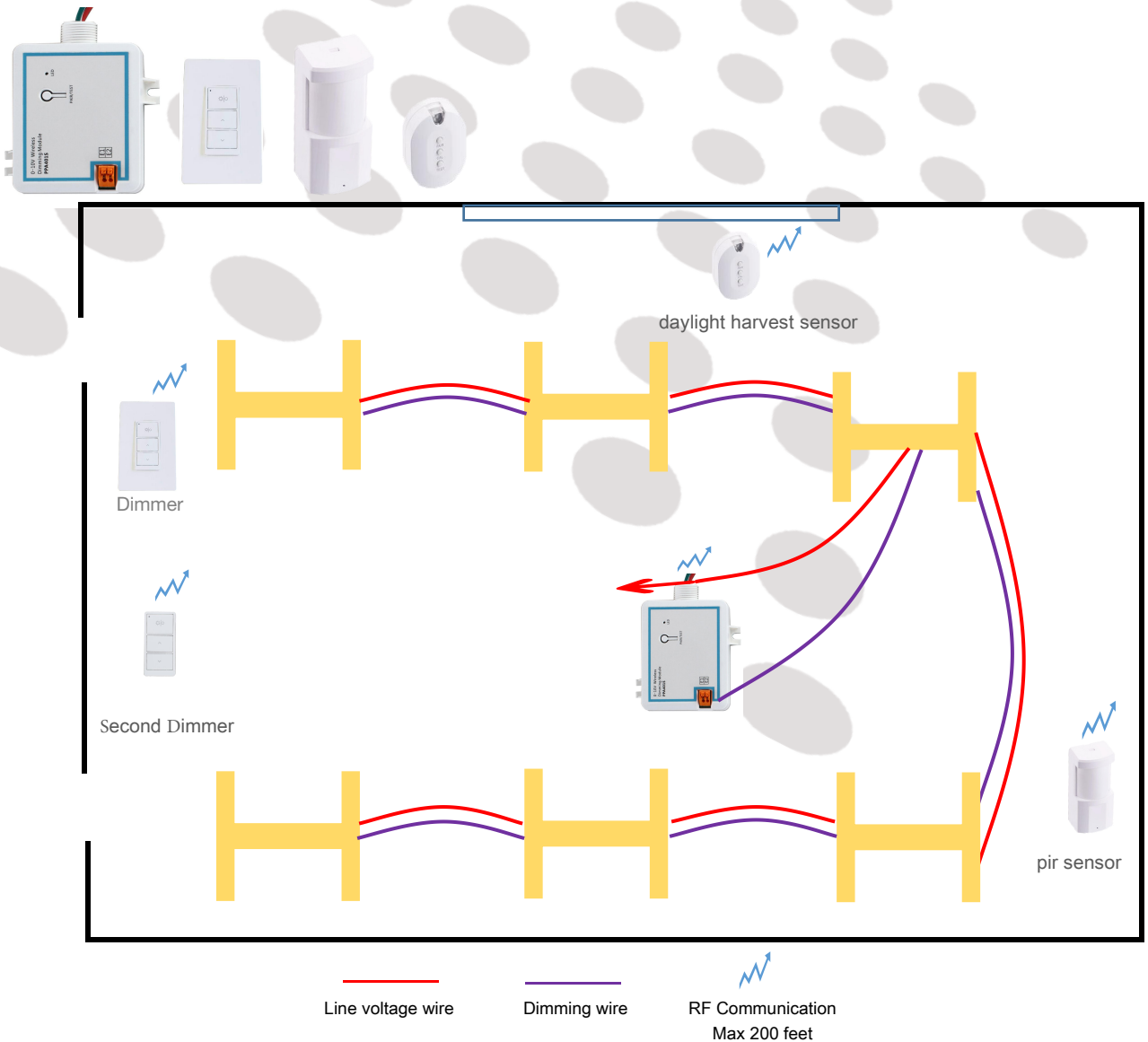
Energy solutions for different space

Area dimming and sensing

For office, classroom, hospital, parking lot.
Switch on/off and dim a group of lights with wireless manual control dimmer and sensor, save additional energy with daylight harvesting.

Dimming Module / Dimmer / PIR Sensor / Daylight Sensor

Install the dimming module in standard junction box, gather all dimming wire then feed into the 0-10V terminal. Put two wireless dimmer near the entrance and exit, add a daylight sensor near the window to save additional energy.



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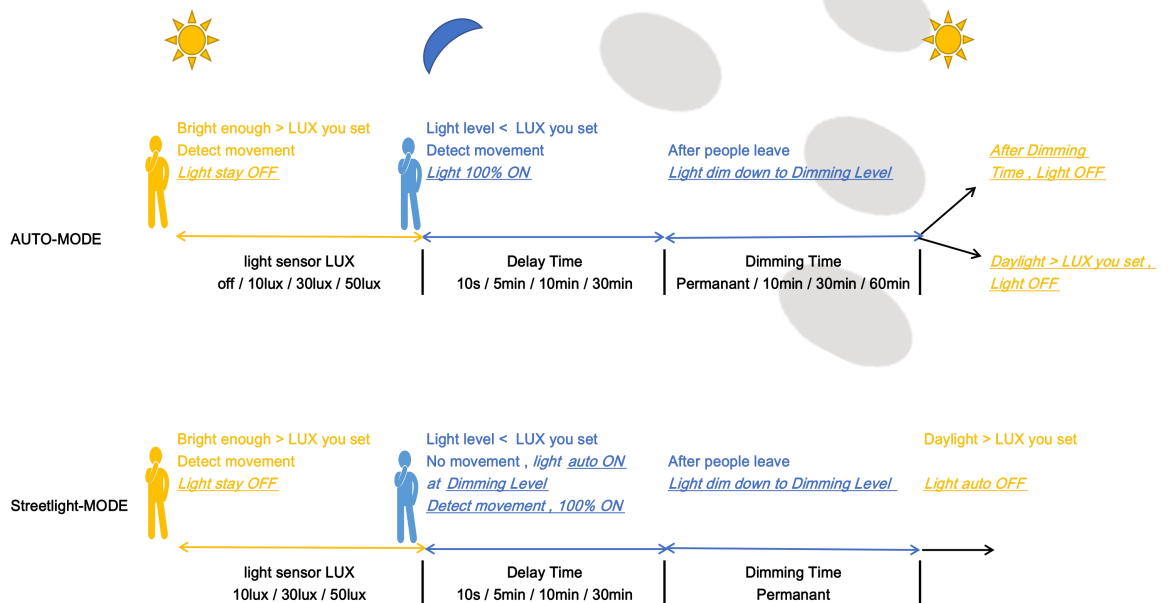
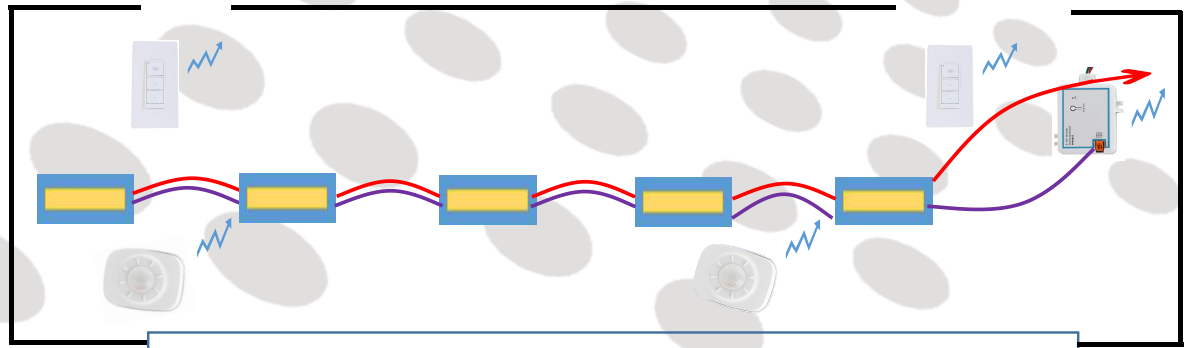
Beyond Controls

Control Systems



The daylight sensor is needed in corridors, hallways, and yards. Switch on/off a group of lights based on daylight and human activity, save energy with multi-level, dimming.

Dual-tech PIR & Photocell Sensor
With AUTO-MODE and Street light-MODE



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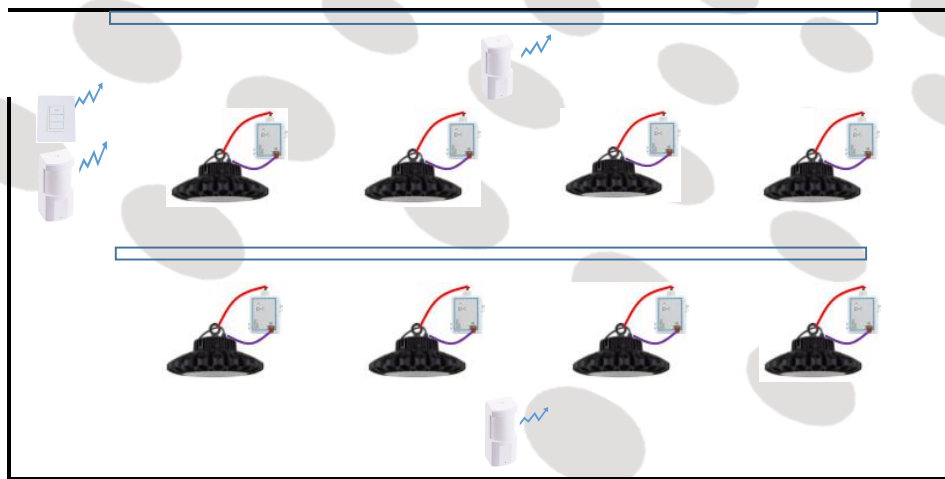
Warehouse

Where wire connection between each light is difficult. Control multiple power packs with several wireless device.

Design the wireless lighting control system freely.

The wireless transmitter will control unlimited paired power packs within line distance 200 feet.

The power pack can be controlled by at most 5 dimmers + 4 PIR sensors + 1 daylight sensor.



One remote, Multiple power pack

One Wireless Dimmer or Sensor will control unlimited pre-matched Power Pack as long as during the communication range 200 feet.

Multiple Remote, One Power Pack

One pre-matched Power Pack can be controlled by 5 dimmers, 4 PIR sensors, and 1 daylight sensor at most.

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