

# Wireless Lighting Control Solutions



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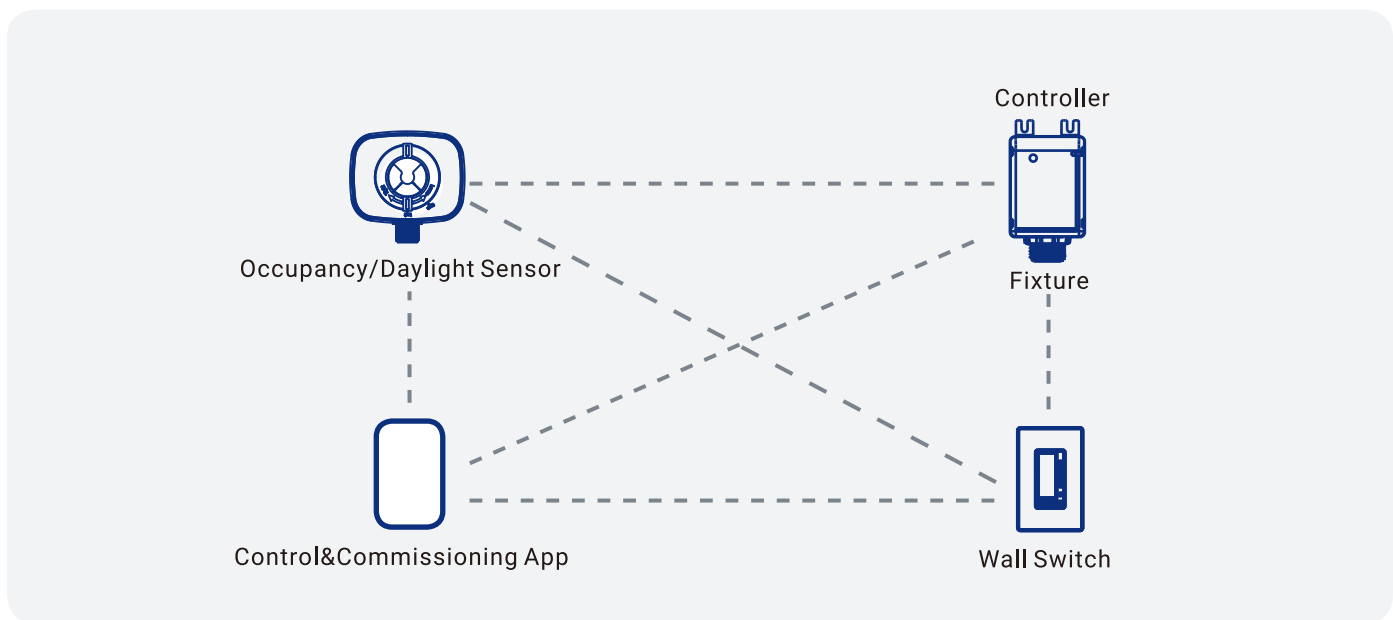
# Wireless Control Solutions

## Commercial Grade Lighting Control Systems

Keilton Lighting Controls offers a complete gateway-free wireless system to control lights in a wide variety of applications. The system includes wireless fixture controllers, switches, and occupancy/daylight harvesting sensors all using Bluetooth® wireless technology. In addition to the system devices we also offer a fixture mounted controller and sensor with Bluetooth® technology providing wireless communication and occupancy/daylight harvesting control in one device.

Each device has its own address for sending, receiving and sharing control commands through a wireless network. Expandability is easy with each device passing information to the next thus expanding the reach and control throughout the network.

## Architecture Network



## Simplicity

- Provides reliability, redundancy, and easy expandability
- Devices communicate over a secure Bluetooth® wireless network
- Smartphones can configure and control lights with the complimentary Keilton Lighting Controls App
- Network bridges and onsite internet are not required
- Controller and Sensors are line powered for long term reliability and performance.

# System Functionality

- Networking of luminaires
- Individual Addressability
- Occupancy sensing
- Daylight Harvesting/Photocell Control
- High-end Trimming
- Flexible Zoning
- Continuous Dimming

## Devices



### Keilton Lighting Controls Commissioning & Control App

- For iOS or Android smartphone
- Commissioning: Switch on-off, Dimming,
- Colour tuning / Circadian Rhythms ( Must work with corresponding drivers and led fixtures )
- Flexible zoning / Scenarios setting / Scheduling
- Wireless wall switch linkage setting
- Occupancy sensor setting, Daylight harvesting, Photocell control
- Admin control authority sharing with QR code



PPA102S



FA102



WPPA102

### Keilton Lighting Controls

- Converts fixtures into wirelessly controlled luminaires
- Provides individual or multi-fixture control
- ON/OFF (relay) and 0-10v dimming control of the fixture(s) through a Keilton Switch or App

| Models  | Input               | Technique             | Installation |
|---------|---------------------|-----------------------|--------------|
| PPA102S | 120-277V AC / 3Amps | Single / Dual Channel | External     |
| FA102   | 12V DC              | Single Channel        | Internal     |
| WPPA102 | 12V DC              | Single Channel        | External     |

# Devices



WP1025

## Keilton Wall Switches

- Fingertip control over lights in defined zones
- Linkable with One / Multiple zones, 5-buttons
- Switch on-off, Dimming
- Support switching prestored three scenarios
- Faceplates included

| Models | Input                                    |
|--------|--|
| WP1025 | Wireless, powered by 2pcs CR2032 battery |



EFS104



EFS107



IFS105

## Keilton Motion & Daylight Harvesting Sensor External Installation

- Provides automated individual and group control of light fixtures
- Occupancy (PIR) and daylight harvesting sensor
- ON/OFF/0-10V dimming
- 40' coverage radius on 40' ceiling

| Models | Input                                | Application     | Installation |
|--------|--------------------------------------|-----------------|--------------|
| EFS104 | 120-277V AC / 5Amps                  | High bay sensor | External     |
| EFS107 | Powered by 12-24V DC or PPA103S      | Ceiling mount   | External     |
| IFS105 | Must Powerd by PPA102S, zone control | Ceiling mount   | External     |

# Devices



EFS106



IFS108



IFS105S/SE



IFS105E



MWS105

## OEM Preferred Fixture Integrated Controller & Sensor

- OEM preferred
- Achieve all functionalities as EFS104/EFS107

| Models      | Input                        | Technique                     | Application                               |
|-------------|------------------------------|-------------------------------|---|
| EFS106      | 12V DC / 3.5mm Audio Plug-in | PIR&Daylight harvesting       | Linear, UFO highbay, wall pack area light |
| IFS108      | 12V DC / integrated          | PIR&Daylight harvesting       | Panel, troffer, super thin fixtures       |
| IFS105S /SE | 12V DC / integrated          | PIR&Daylight harvesting       | Mini size, fit into various luminaires    |
| IFS105E     | Must Powerd by FA102         | PIR&Daylight harvesting       | Mini size, fit into various luminaires    |
| MWS105      | Must Powerd by Fa102         | Microwave&Daylight harvesting | Mini size, fit into various luminaires    |

# Accessories



PPA103S  
**12V Power Pack**  
**EFS107**



RC01  
**ACCESSORIES**  
**EFS07/EFS107**



SC01  
**RECEPTACLE FOR**  
**EFS06R/EFS106**  
**1/2" KO**



SC02  
**EXTENDER**  
**EFS06R/EFS106**