

Casambi Mobile App

Luminaires communicate directly with a handheld device or wireless switch for immediate control.

Lighting arrangements can be flexibly modified according to new store concepts without disrupting business.

The most used lighting configurations can be saved in the Casambi App as pre-set scenes.

Valuable intel on store traffic can be gained by incorporating occupancy sensors into light fittings and hooking them up to a dashboard via an API.

Casambi Ecosystem Products

General Lighting

Store Accent Lighting

Casambi Ready Track-Head/Fixture

Casambi Enabled (Embedded) Track-head or Fixture. Check www.casambi.com for full list of lighting OEM partners for Casambi Ready Driver Options.

1

Casambi Ready LED Driver

0-10v Accent/Window Lighting

CBU-ARP
Bluetooth controllable 0-10V controller with relay

CBU-ARP is a Bluetooth controllable, Casambi enabled one channel 0-10V controller with built-in 2.5A relay and a motion sensor input.

CBU-ARP is designed to control a single 0-10V LED driver. If the LED driver cannot be turned completely off from the 0-10V control interface, CBU-ARP has a built-in 2.5A relay for cutting the power from the driver. It also has a 0-24VDC input for motion sensor. The sensor must be powered by an external power supply, such as mains voltage or auxiliary voltage from an LED driver. The 0-10V signal can also be configured as DALI interface which allows for much richer feature set, such as controlling multi-channel LED driver up to five channels and reading diagnostic information from the driver.

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CASAMBI

Millwork Lighting

Millwork Accent

Casambi Ready LED Driver or Power Supply

Casambi Enabled (Embedded) LED Driver or Power Supply. Check www.casambi.com for full list of lighting OEM partners for Casambi Ready Driver Options.

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Casambi Ready LED Driver

RGBW/TW Millwork Lighting

CBU-PWM4-4
Bluetooth controllable 4ch PWM dimmer

CBU-PWM4-4 is a Bluetooth controllable, Casambi enabled four channel PWM dimmer for constant voltage LED loads, such as LED strips and constant voltage LED modules. It is connected between a 12-24VDC Class 2 power supply and a constant voltage LED load.

CBU-PWM4-4 can control up to four channels making it an ideal partner for RGBW and tunable white (TW) applications. The maximum combined output current is 4A, which can be freely divided between 1-4 channels. CBU-PWM4-4 is protected against overvoltage, overcurrent and short circuit situations.

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RGBW LED Tape/Linear/Low Voltage

1-4 ch. LED Tape/Linear/Low Voltage

Back of House Lighting & Controls

Casambi Ready 0-10v Room Controller

Casambi Mesh Room Controller, 120-277 Volt with dimming, 12 volt Aux. Sensor input, Power Metering, 16A Relay

- 100-277VAC Input Voltage
- 0-10V Output to LED Driver
- Relay with Zero-Crossing
- Active High Output for Relay Drive
- 12V aux Power

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0-10v Room Controller

Dualtech-Kit

Low Voltage Ceiling Mount Dual Tech Occupancy Sensor

Basic Features

- Line voltage version: 120-277VAC, 60Hz
- Low voltage version: 24VDC, requires separate class 2 power supply
- PIR sensor range: 360° coverage up to 100ft / 30m
- Ultrasonic sensor range: 360° coverage up to 800ft / 244m
- Time-delay and sensitivity controls
- Phased for night sensing
- LED indicator light
- MACA, model: E30121, E34146

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Dual-tech Sensor Kit

Casambi Ready OCC Switch

Casambi Mesh Dimming Wall Sensor Switch, 120-277V

- Bluetooth Mesh
- Manual on/off (wireless)
- LED status indicator light
- Mounts in any standard wall box
- 4-Button may be personalized
- Color: white

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Line Voltage Keypad

Casambi Ready Daylight/Photocell Sensor

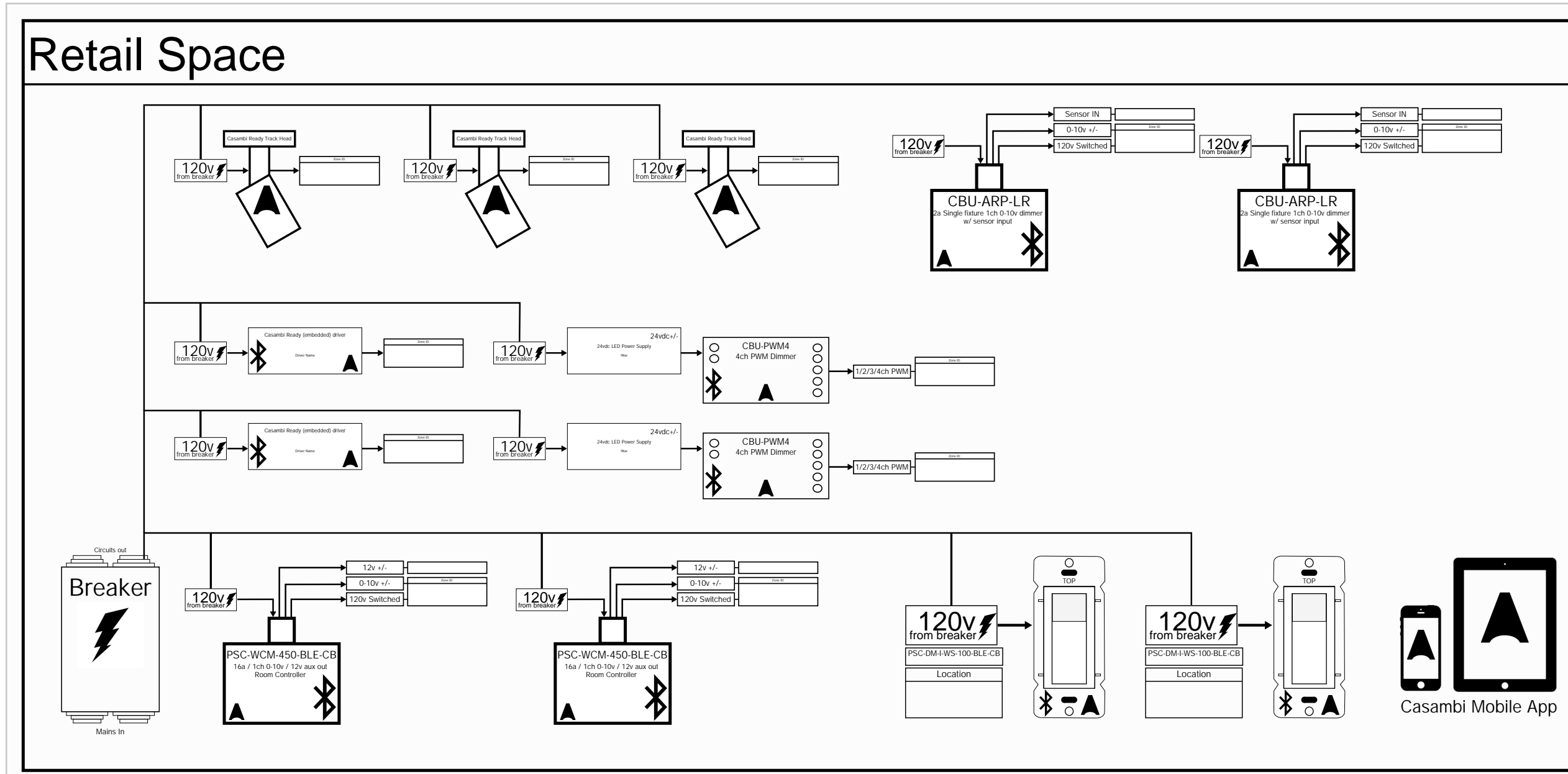
Photodiode Sensor with BLE Compliant output

FEATURES

- Communication Protocol - Bluetooth 5.0
- Measuring range - 0-100 fC
- Input Power - 12-24VDC, 40mA Max
- Operating Temperature - -20°C to +55°C

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Daylight/Photocell Sensor

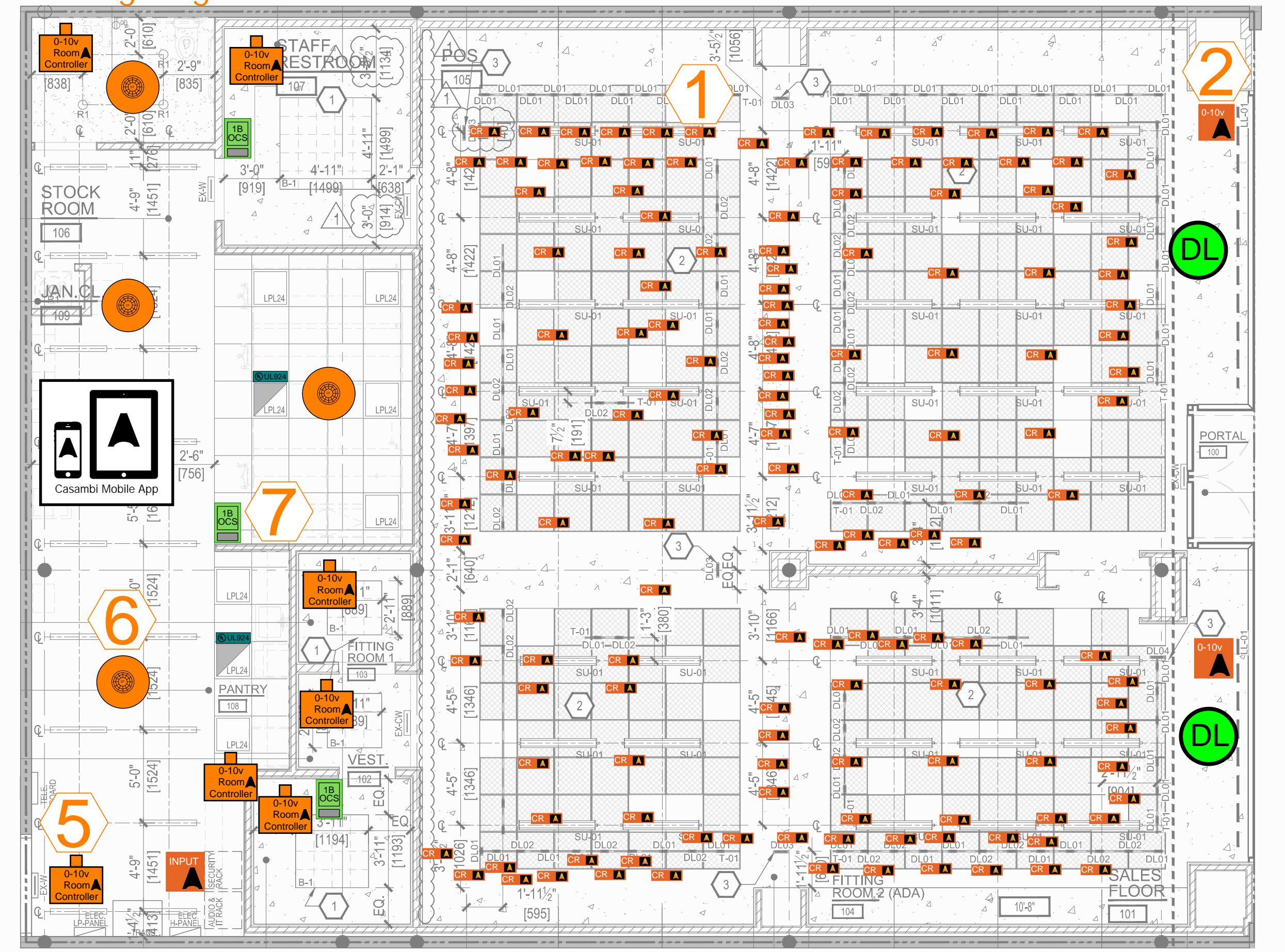


Code Compliance

C405.2.2	Timeswitch Controls
C405.3	Light Reduction Control
C405.2.1	Occupancy Sensor Controls
C405.2.5	Manual Controls

Design Considerations

General Lighting



Millwork Lighting

