How to configure lighting control for a retail setting

Before using the cheat sheet, please make sure you have the basic Casambi App knowledge for creating a network, pairing devices, creating groups and enabling control hierarchy. For more information, please refer to the tutorial videos on: *https://casambi.com/training/*

Scenario

Small high-street store

- **Everyday:** All lights - All days: (09:00-20:00) Daylight scene - lights fade up to a set level when measured daylight level falls below preset threshold value (1000 lx).

- **Store closed:** All lights - All days: (20:00-00:00) Lights on at 70%.

- **Late hours:** Shop window lights - All days: (00:00-09:00) Occupancy detection - lights on at 100% when presence is detected in front of the shop window. No occupancy for 5 mins, lights are switched off.
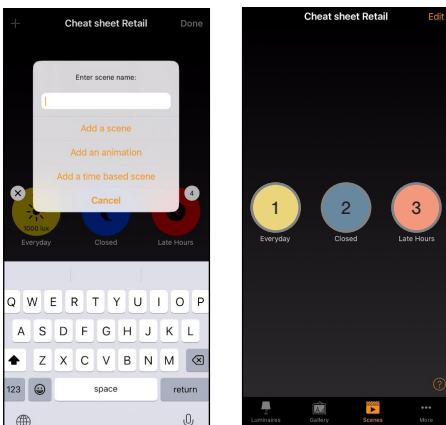
Key Programming Overview

3 Scenes

- **Everyday** - Daylight scene (Basic ON/OFF mode)

- **Closed**

- **Late hours**
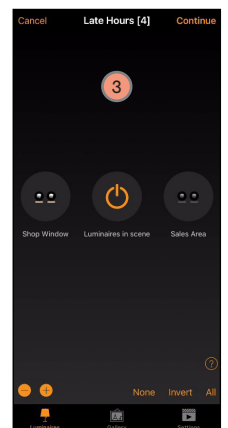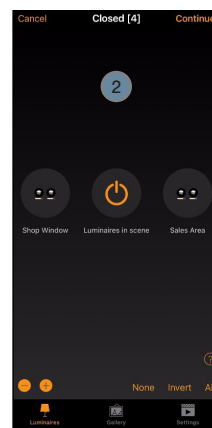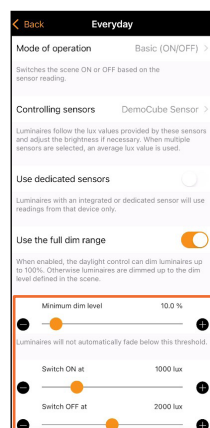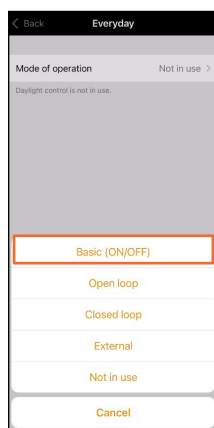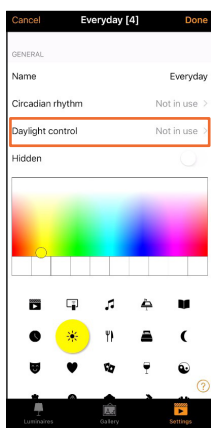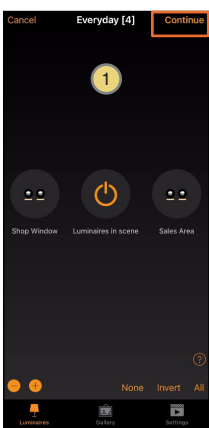
2 Timers

- **All days ON 9:00 - OFF not set (override presence):** Triggers the **Everyday** scene.

- **All days ON 20:00 - OFF 00:00 (override presence):** Triggers the **Closed** scene.

STEP 1: SCENE	Casambi App ⟶ **Scene**

In the **Scene** tab, create the 3 scenes:
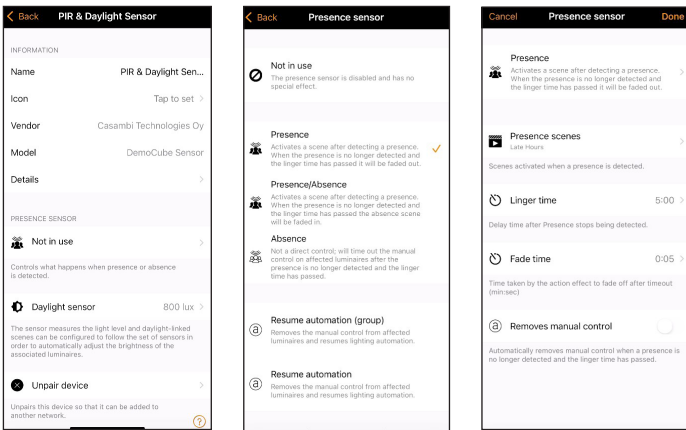
① **Everyday:** Set all luminaires to 100%.

② **Closed:** Set all luminaires to 70%.

③ **Late hours:** Set shop window luminaires to 100% and sales area to 0%.

Luminaires in **Everyday** scene will fade based on the lux threshold levels. The lights will be ON when the measured lux is below 1000 lux. If the measured lux is above 2000 lux, the lights will be faded to the Minimum dim level setting (10%).

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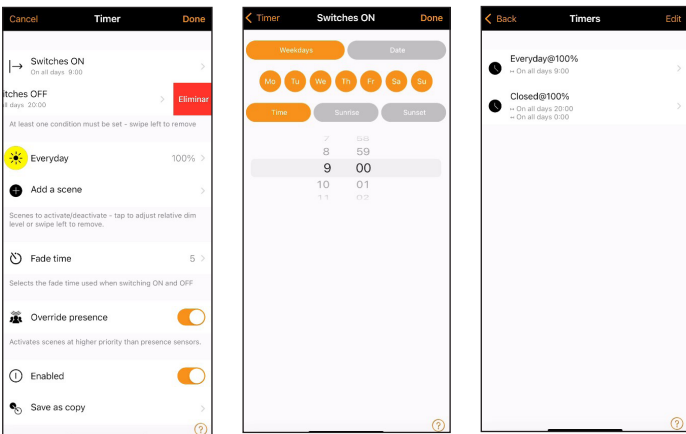## STEP 2: SENSOR   Casambi App ⟶ More ⟶ **Sensor**

Select the **Late hours** scene. The sensor will trigger this scene when presence is detected.

After 5 minutes passed without detecting presence, the scene will be faded out.

In this case, the fade off action will take 5 seconds.

STEP 3: TIMER   Casambi App ⟶ More ⟶ **Timer**

Since both timers contain the same luminaires, it's not necessary to set the *OFF* time for the 1st timer.

A timer between 00:00 and 09:00 is not needed because *Presence* will always try to activate the **Late hours** scene every time it is triggered, but this scene will only be visible when timers with *Override Presence* have switched off (priority in the Control Hierarchy).

Information in this document is subject to change.
For more information www.casambi.com/support

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