### How to configure lighting control for a classroom 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

#### Classroom with one lux/presence sensor and switch

- A classroom with tunable white luminaires and one presence/lux sensor. When the sensor detects presence, lights automatically switch on and try to maintain the illumination at 500 lux. After 5 minutes passed without detecting presence, the lights will fade out.
- To promote human well-being, the luminaries automatically adjust according to a defined profile graph.
- A 2-buttons EnOcean switch is used to activate a presentation scene and take the lighting back to automatic control.

## Key Programming Overview

#### 2 Scenes

- **Class** Daylight scene (Closed loop daylight with target lux level set to 500 lux) and Circadian scene.
- Presentation All luminaires are set to 15%, 3000K.

#### 1 Sensor

 S1 - Presence mode activates the Class scene while movement is detected. Daylight measures the lux level and adjusts the lights to maintain the target lux level set.

#### 1 Switch

- Button 1 Control Presentation scene.
- Button 2 Resume automation for a group (Classroom 1).



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# **Casambi Cheat Sheet**

## Education

After creating Class scene, generate the Presentation scene:



you can set the dim level and color temperature.





Min sensor reporting time defines how often lux sensors report values to the network. Choosing a higher interval reduces network traffic, especially in networks with many sensors.

**STEP 4: SWITCHES** Casambi App More  $\rightarrow$ **Switches**  $\rightarrow$ \_\_\_\_ an PTM215B/PTM216I 5 6 me automation (group Control scen Þ 1: It activates the Button Presentation scene only and it will not be possible to dim Scene Group ł (Dimming disabled). Button 2: When pushed, it Disable dimming takes the lighting back to the presence controlled scene. Resume automation for a group considering the classroom is part set level cannot be chang (5) Cor Resume aut 6 of a larger network. Disabling **Use Toggle** means that pushing a switch will only activate the selected function, not desactivate.



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