How to configure lighting control for a warehouse 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

Warehouse with presence sensors

- A warehouse with many aisles storage. Each aisle has 8 luminaires and 2 presence sensors.
- Working hours (8:00 18:00): The luminaires are on at 20% and automatically dim up when presence is detected. If the sensors have not detected movement for a period of time (10 minutes) the lights dim to a low level. In the absence of movement for an additional period (10 minutes), the lights fade to 20%.
- After working hours: The luminaires automatically switch on when presence is detected. If the sensors have not detected movement for a period of time (10 minutes) the lights dim to a low level. In the absence of movement for an additional period (10 minutes), the lights dim off.

Key Programming Overview

3 Scenes

- Working hours: All luminaires are set to 20%.
- Presence A1: All luminaires in aisle 1 are set to 100%.
- Absence A1: All luminaires in aisle 1 are set to 40%.

2 Sensors

 S1 and S2 - Presence/absence mode: both sensors trigger the same presence scene when motion is detected and the same abscene scene.

1 Timer

• Mo - Fr, ON 8:00 - OFF 18:00: Triggers the Working hours scene.

STEP 1: SCENE	Casambi App	\longrightarrow	Scene
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Here we show how to configure for one aisle (A1). The total number of sensors and presence and absence scenes will depend on the quantity of aisles you have.



Repeate this process to create the other scenes:



Presence A1: Set luminaires in aisle 1 to 100%.

Absence A1: Set luminaires in aisle 1 to 40%.

3 Working hours: Set all luminaires to 20%.

Once you have created the first scene, select Edit, and push and hold the existing scene to copy it. A copy is created in edit mode and you can rename this scene. The quantity of Presence and Absence scenes required will be determined by the number of aisles available. For example, if there are 5 aisles, you should generate 5 Presence scenes and 5 Absence scenes, with each scene corresponding to a specific aisle.

Presence and Absence scene(s) must contain the same luminaire(s). An absence scene cannot control different luminaires than those configured in the presence scene(s).

As the Working Hours scene encompasses all luminaires, only a single scene and timer will be necessary.

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Casambi Cheat Sheet

Ö Absence timeout

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a Removes mar

3:00

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STEP 2: SENSOR		Casambi App —	→ More —→ Sei	nsor	
t is possible to configure Pre	esence sensors settings for	multiple sensors simul	aneously:		
Back Sensors Select <	Back Sensors Done < Ba		Cancel Presence sensor Done	Back Presence sensor Not in use	Cancel Presence sensor Done Presence/Absence Activates a scene after detecting a presence. Activates a scene after detected and the presence is no longer detected and the presence scene after detected and the presence is no longer detected and the presence is no longer detected and the presence is not longer detected
	s1 🗹		The presence sensor is disabled and has no special effect.	The presence sensor is disabled and has no v special effect.	will be faded in.
Add an EnOcean sensor	S ² V	S ²		Presence Activates a scene after detecting a presence. When the presence is no longer detected and the linger time has passed it will be faded out.	Presence scenes > Presence k1 Scenes activated when a presence is detected.
ew EROcean sensor can be added to the retwork by ng NC reader on IPhone 7 or newer with IOS 13 or later alled.				Presence/Absence as Activates a scene after detecting a presence. When the presence is no longer reflected and the linger time has passed the absence scene will be faded in.	Absence scenes Absence A1 Scenes activated after a presence is no longer detected.
				Absence Not a direct control; will time out the manual control on affected lummaires after the presence is no longer detected and the linger	Delay time 5:00 >
				time has passed.	Absence timeout 3:00 >
		Actions for selected sensors Presence sensors		 Resume automation (group) Removes the manual control from affected luminaires and resumes sighting automation. 	Time that Absence scenes remain active.
		Daylight sensor		_ Resume automation	S Fade time 0:05 >
		Cancel		Removes the manual control from affected luminaires and resumes lighting automation.	Time taken by the action effect to fade off after timeout (min:sec)
		Cancel			(a) Removes manual control
Incil Presence sensor Date Presence/Assence Activities a sense after detecting a presence. The lingue time has passed the absence score will be fielded.					
Presence scenes >	Select the Presen	ce A1 scene.			
Absence At a presence is no longer detected.	Select the Absence	ce A1 scene.			
) Linger time 5:00 >	The Presence sce	ne will be faded out after	10 minutes passed without de	etecting presence.	
ay time after Presence stops being detected.					

Absence scene will be actived after linger time has expired. The absence timeout is set to 10 minutes.

5 seconds is the time to dim to off or to fade into the Absence scene.



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