

NatureConnect

by Signify

Commissioning guide

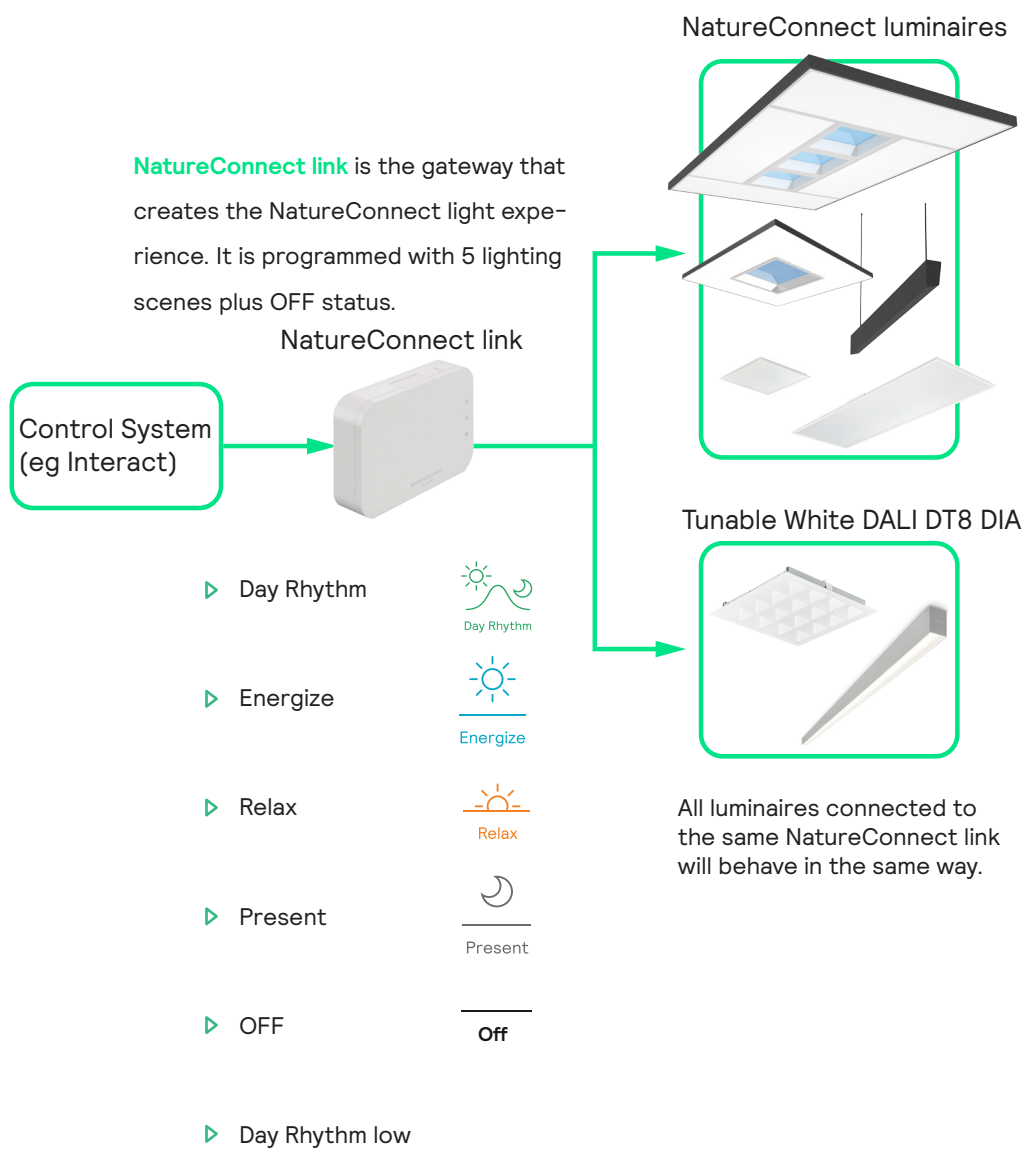
NatureConnect link & Interact

June, 2024



Introduction

The NatureConnect system is based on biophilic design principles, which uses elements of nature and natural analogues in indoor spaces to make people feel happy and healthy. Unlike traditional lighting which focuses on visual benefits, NatureConnect additionally brings the biological and emotional benefits of lighting. It reconnects us with the constant cycles and variations of nature for comfortable, engaging and attractive indoor environments.



The best NatureConnect experience is achieved combining NatureConnect link with presence sensors and user interfaces.

NatureConnect switch



Interact switch with NatureConnect icons (910505103545)

- ▶ Wireless, battery free
- ▶ Scene and Off buttons with icons and text for ease of use
- ▶ High quality engraving for long durability

Presence sensors

helps to reduce the power consumption. They can be programmed in a way that when no occupancy is detected, inside the room, they send the signal to the NatureConnect link, to activate “Day Rhythm low” scene or to turn off the luminaires. When presence is detected it goes automatically to “Day rhythm”.

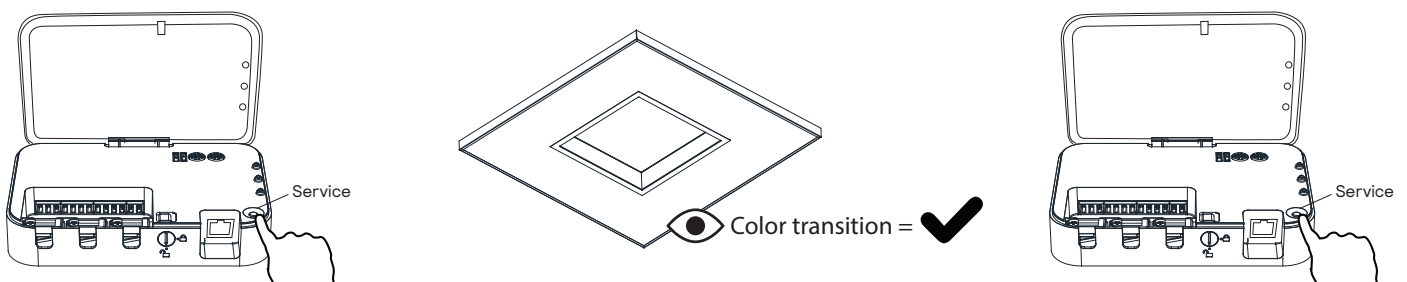
Commissioning

You will need a device that supports Interact commissioning app. (e.g. smartphone or a tablet) with Bluetooth technology.

For more info check:

<https://sme.interact-lighting.com/web/help/prf-pra/2.3/install/commissioning.html>

I Test the connection with the luminaires by pressing the service button



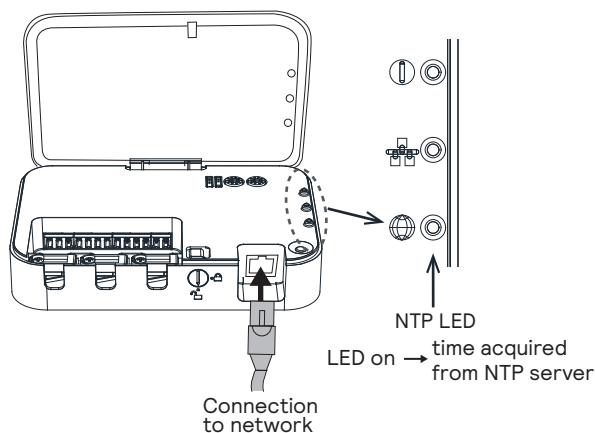
① Press the “service” button to start the test

② Check luminaires

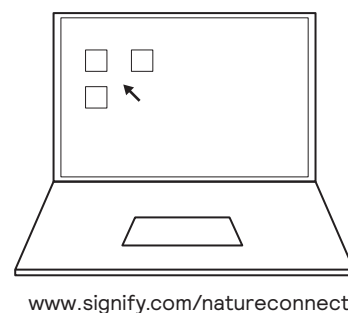
③ Press the “service” button to finish the test

2 Time configuration – two methods

1 Connect (temporarily) to a wired network that has access to internet/NTP



2 Manually set the time with Windows configuration app



! Time is already configured from production date 23W48. Please check on the box label.

! Once the time is set, NatureConnect link will keep the time without a permanent internet connection.

Commissioning with interact PRF as Lighting Control System

1 Download the **interact** office app and create an account

Download the
Interact Pro app



interact

Log in to
Interact Pro

Email address

Password 

[Forgot password](#)

[Get started](#)

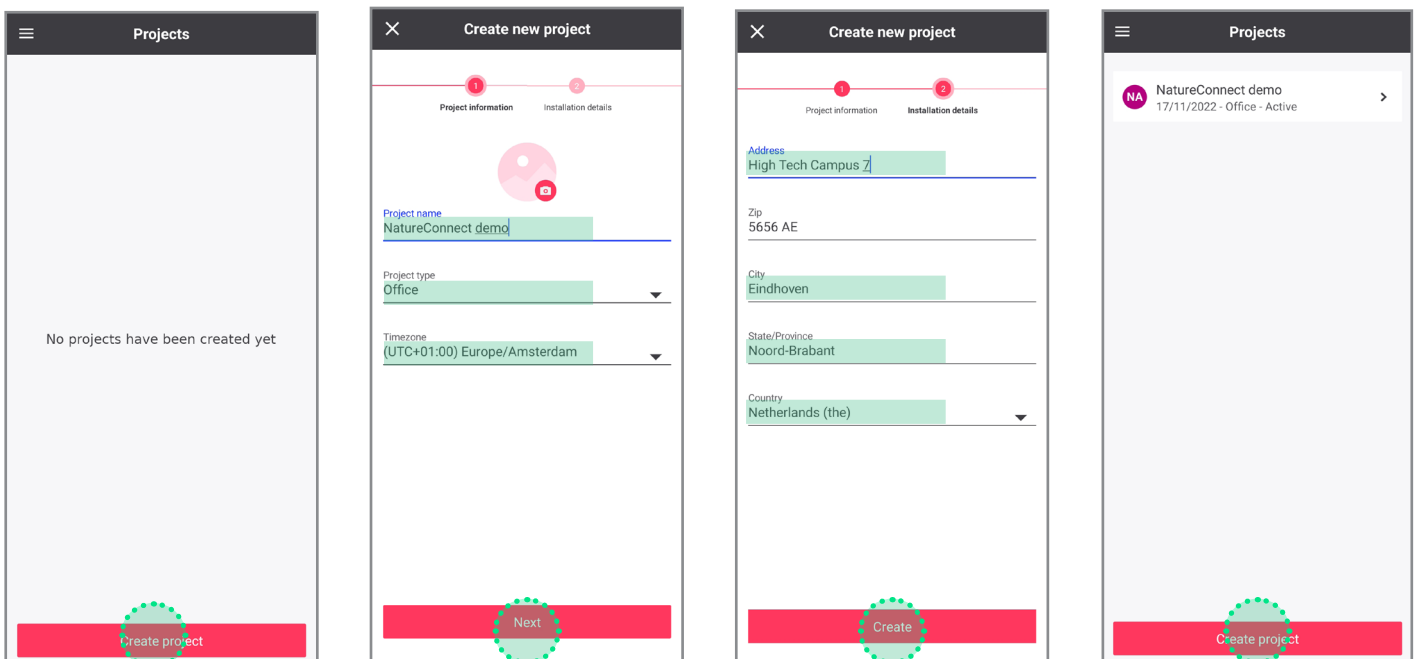
By proceeding you agree with the [Terms of usage](#)

Are you an installer company and not yet registered?

[Request access](#)

2 Create and structure a new project

Create a project

Four screenshots of the Interact Pro app showing the project creation process. The first screenshot shows the 'Projects' screen with a 'Create project' button. The second screenshot shows the 'Create new project' screen with a progress bar and a 'Next' button. The third screenshot shows the 'Create new project' screen with a progress bar and a 'Create' button. The fourth screenshot shows the 'Projects' screen with a list of projects and a 'Create project' button.

Projects

No projects have been created yet

[Create project](#)

Create new project

1 Project information 2 Installation details



Project name
NatureConnect demo

Project type
Office

Timezone
(UTC+01:00) Europe/Amsterdam

[Next](#)

Create new project

1 Project information 2 Installation details

Address
High Tech Campus 2

Zip
5656 AE

City
Eindhoven

State/Province
Noord-Brabant

Country
Netherlands (the)

[Create](#)

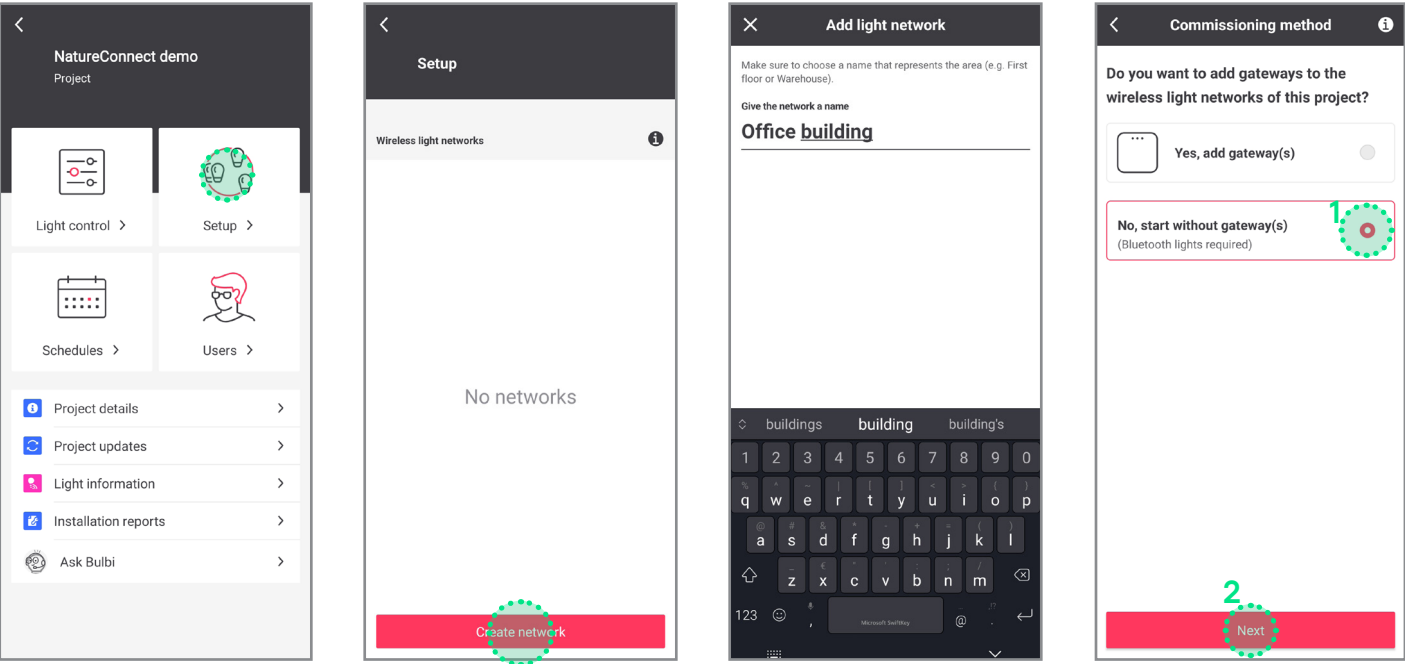
Projects

NA NatureConnect demo
17/11/2022 - Office - Active

[Create project](#)

Fill in the fields and open the new project just created.

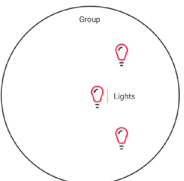
Create a Light Network



Add a group

×

Grouping Instructions



Groups and zones
Lights are organized in groups and zones (sub-groups). One group contains maximum 40 lights.

Next

×

Grouping Instructions



Lights in a group
Lights in a group respond to individual settings and thus can have different light levels when in a scene.

Back

Next

×

Grouping Instructions



Group controls
A group can be controlled with switches, occupancy sensors or schedules (via gateway). One group contains maximum 5 controls.

Back

Next

×

Grouping Instructions



Lights in a zone
Lights in a zone (sub-group) respond as a whole; when added to a scene, all lights show equal light levels

Back

Next

×

Grouping Instructions



Zone daylight regulation
When a multi-sensor is added to a zone, the daylight sensor in it adapts the light level of the zone to the ingress of daylight. You can have one multi-sensor per zone (next to the 5 controls per group).

Back

Got it

ⓘ

Network locked on this device. Unlock the network when you are done commissioning.

GATEWAY
No gateway

0 LIGHTS
0 Unassigned

0 CONTROLS
0 Unassigned

Groups

ⓘ

No groups

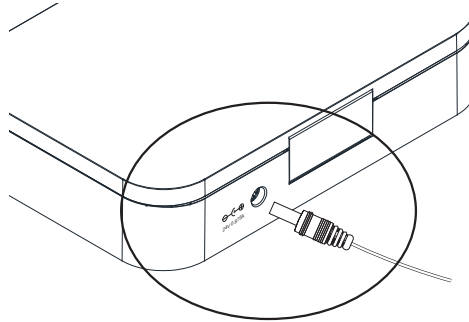
Create group

3

Reboot NatureConnect link before proceeding with commissioning

! Only needed if production date is before 23W48

Unplug the connector, wait 10 seconds and reconnect.



! Wait for the device to start, before proceeding with the next steps. This will take minimum 5 minutes.

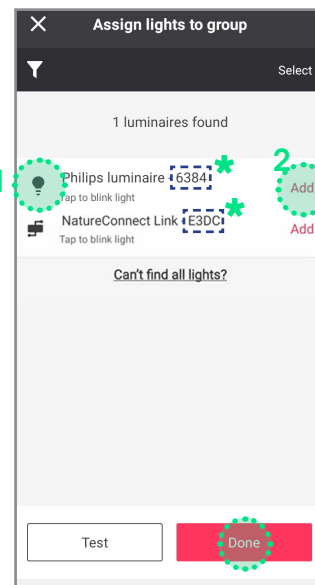
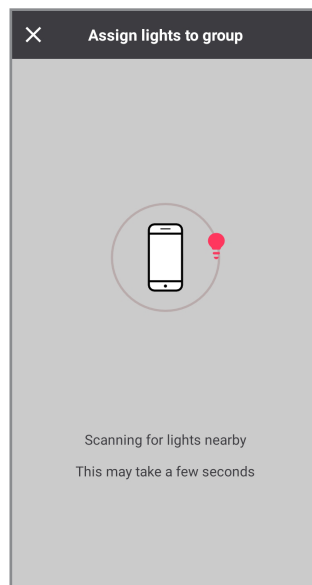
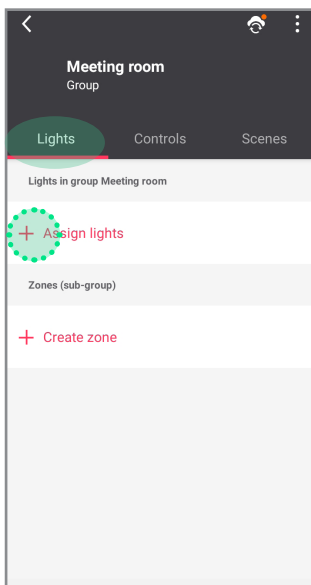
4

Find and assign one or more NatureConnect link that belong to the same group.

Stand close (2 m ca.) to the SNS210 connected to the NatureConnect link. (Bluetooth must be active on your device.)

Tab **Light**: click on **Assign lights**

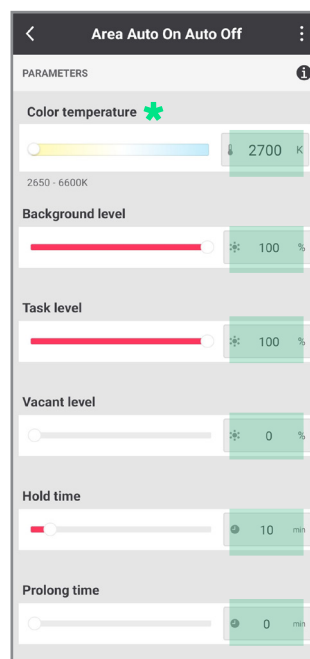
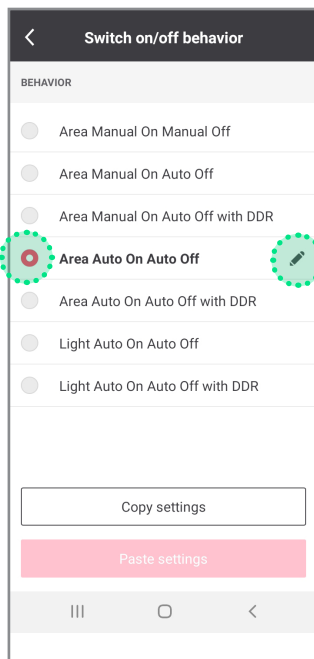
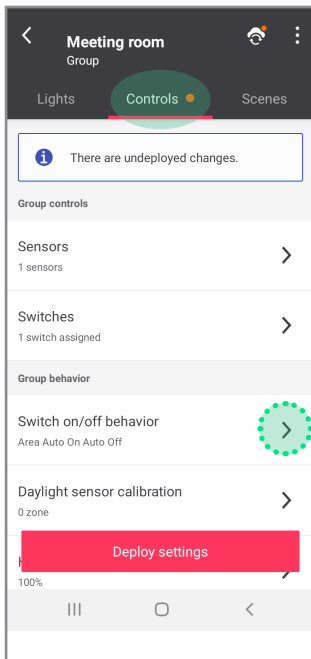
It will be found as e.g.: **Philips luminaire - ****** or **NatureConnect link - ******.



* This number is different for each installation

1 Click the left icon to identify the discovered NatureConnect lin and to blink the connected luminaire(s).

2 Click the add button for each NatureConnect link you would like to add to the same group.

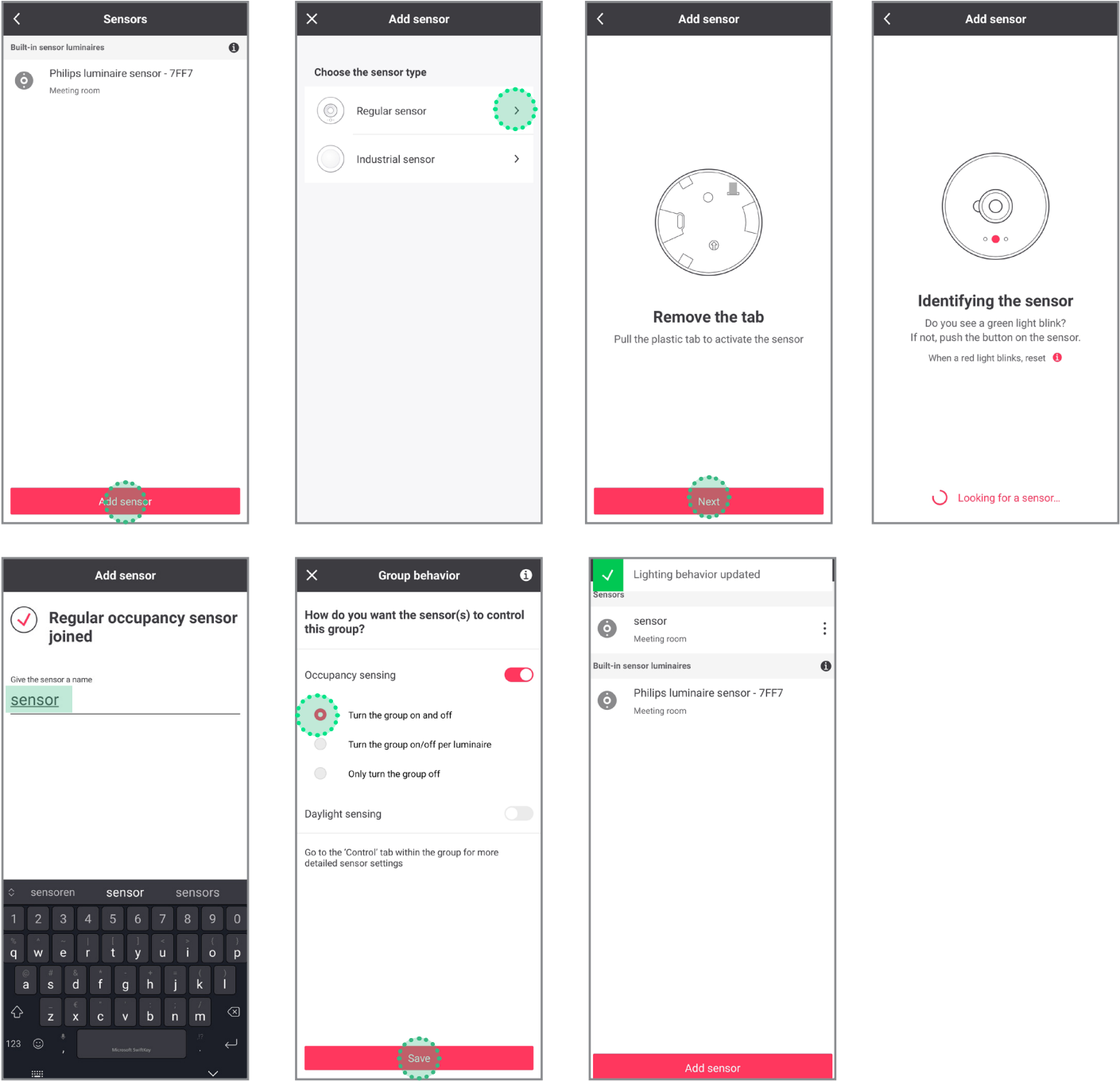
Tab **Controls**

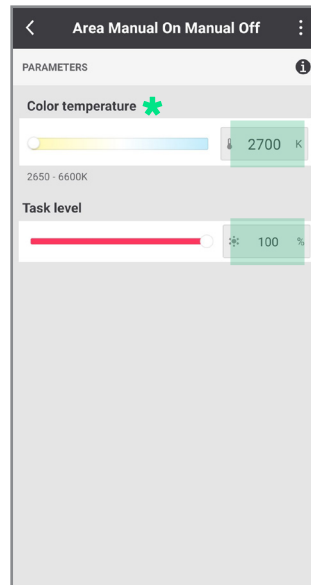
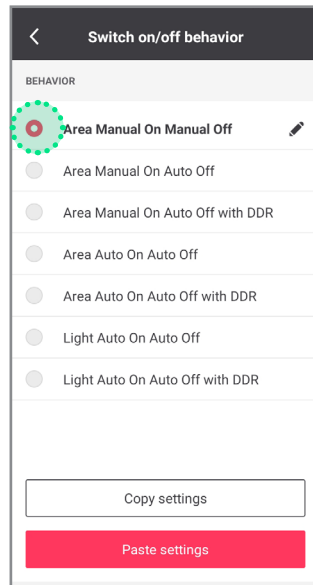
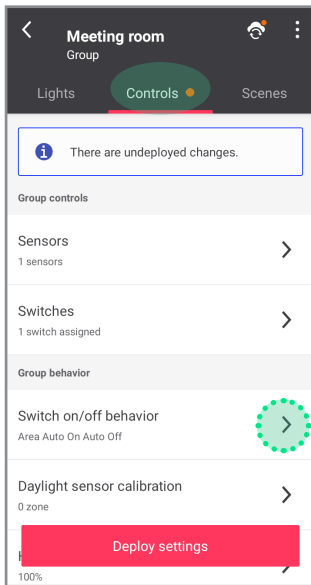
Follow below steps:

- 1 Set CCT to 2700 K
▶ Press “enter” or “OK”
- 2 Set Background to 100%
▶ Press “enter” or “OK”
- 3 Set Task to 100 %
▶ Press “enter” or “OK”
- 4 Set Vacant to 0 %
▶ Press “enter” or “OK”
- 5 Set Hold time to 10 min
▶ Press “enter” or “OK”
- 6 Set Prolong time to 0 min
▶ Press “enter” or “OK”

* If color temperature slider is missing, follow the procedure indicated in the paragraph B in the Problem Solving chapter.

Optional: how to add battery power motion sensor



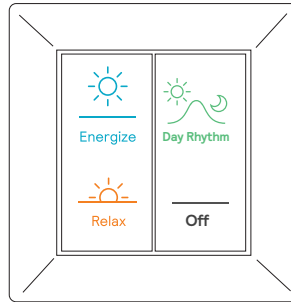


Follow below steps:

- 1 Set CCT to 2700 K
▶ Press “enter” or “OK”
- 2 Set Task level to 100%
▶ Press “enter” or “OK”

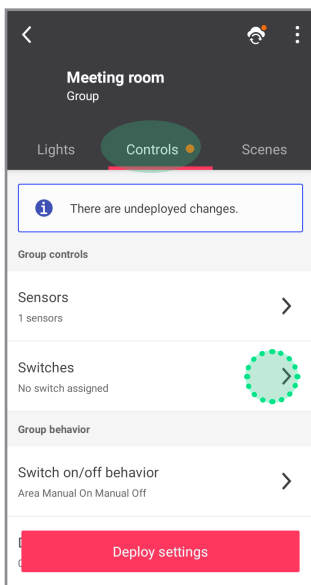
* If color temperature slider is missing, follow the procedure indicated in the paragraph B in the Problem Solving chapter.

! If you are not using any user interface, skip to step 9.

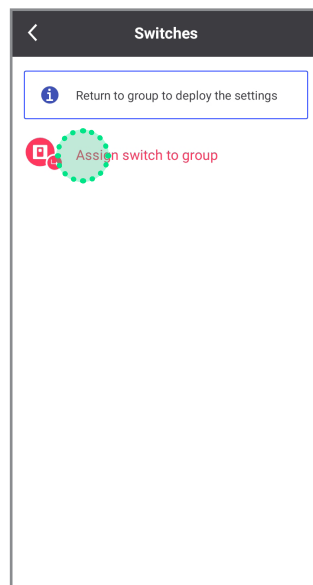


When more than one switch is used, all switches will behave in the same way.

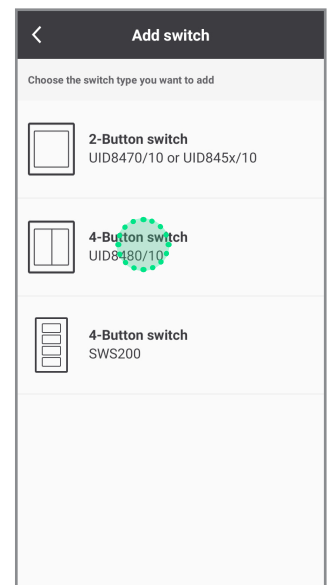
Tab **Controls**: click on **Switches**



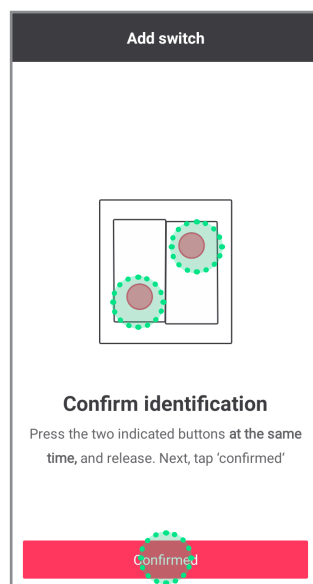
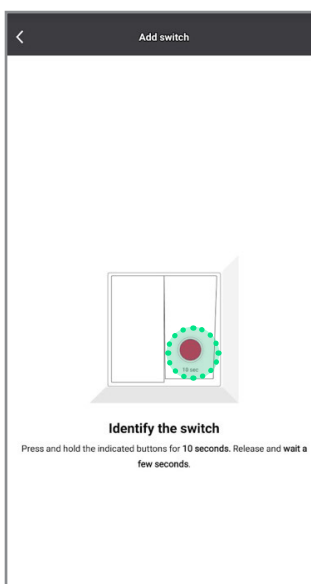
Click **Show switch in the group**



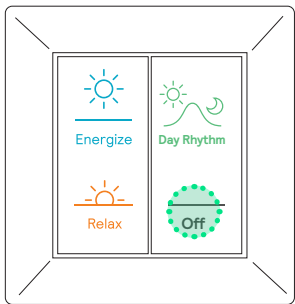
Select **4 button switch**



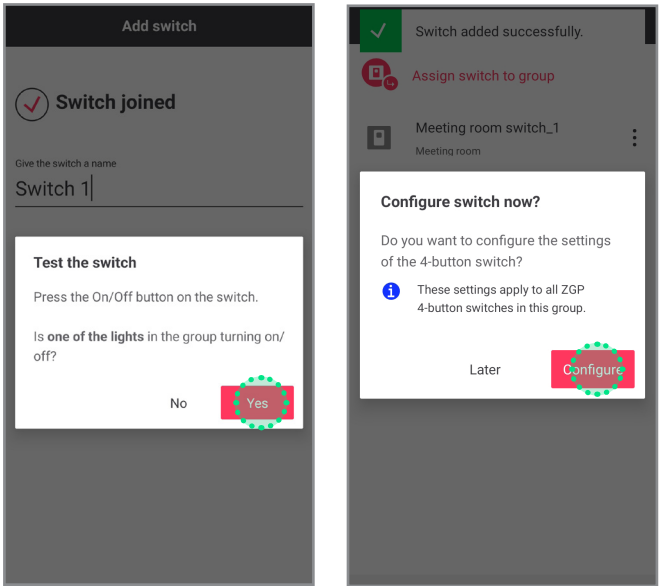
Identify the switch following the instructions



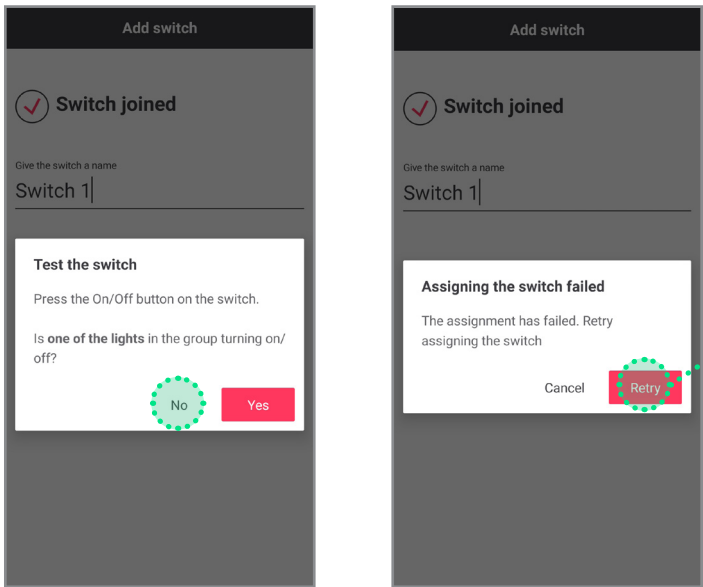
Test if the switch is added by clicking ON/OFF button



Lights turned off? If yes 



In case luminaires in the group do not turn off, follow below steps



Retry will restart the add switch flow from the beginning.

 If the same error occurs again, follow the procedure indicated in the paragraph A in the Problem Solving chapter.

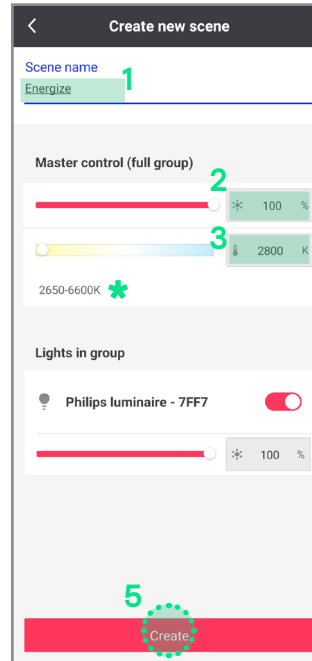
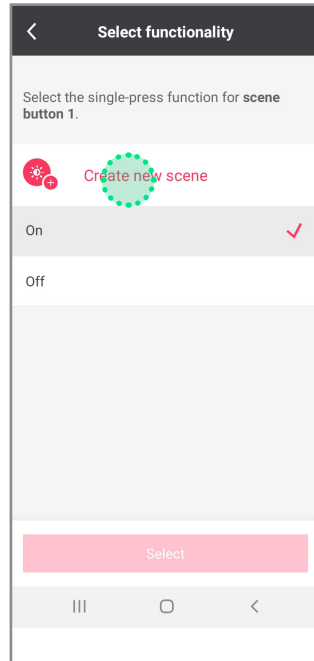
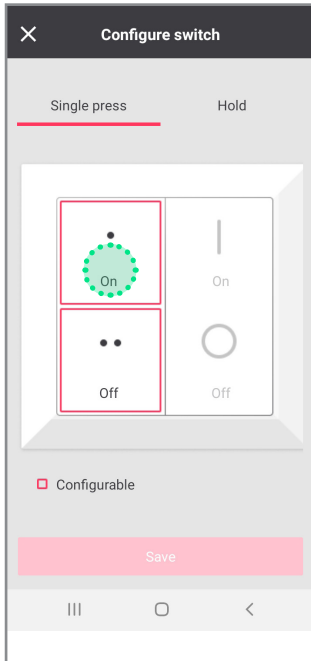
Configure the TOP LEFT button as the ENERGIZE scene



Energize

WARNING!

If you are missing the tunable white slider go to D section (page 20) in the “Problem solving” chapter, at the end of this document.



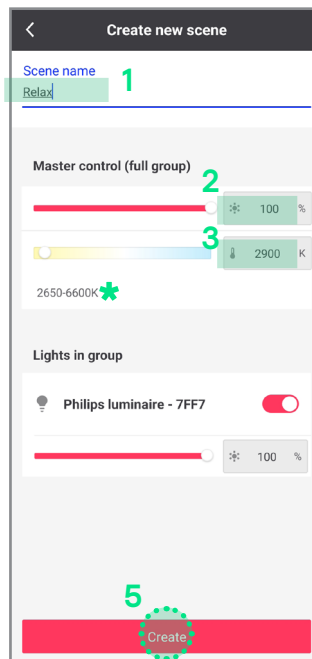
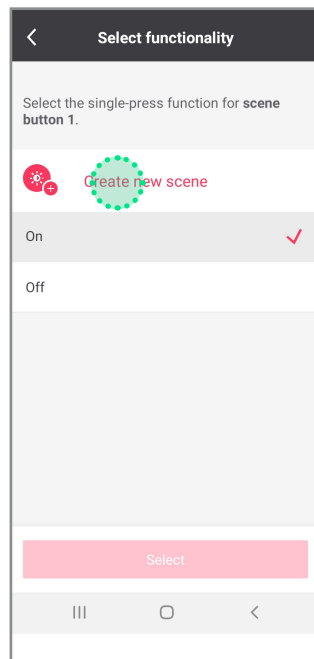
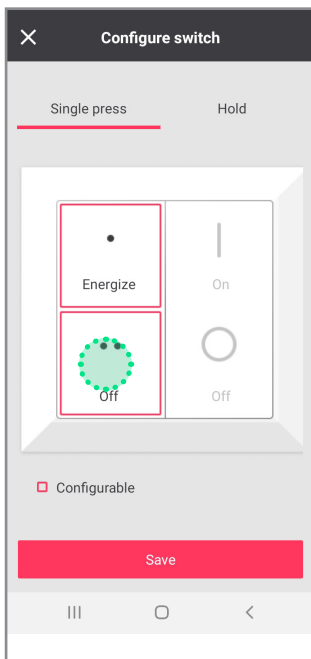
Follow below steps:

- 1 Type the name of the scene
- 2 Set brightness to 100%
▶ Press “enter” or “OK”
- 3 Set CCT to 2800 K
▶ Press “enter” or “OK”
- 4 Wait 5 seconds
- 5 Click on “Create”

Configure the BOTTOM LEFT button as the RELAX scene



Relax

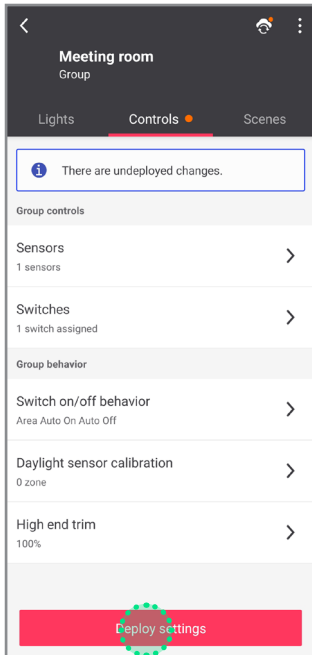


Follow below steps:

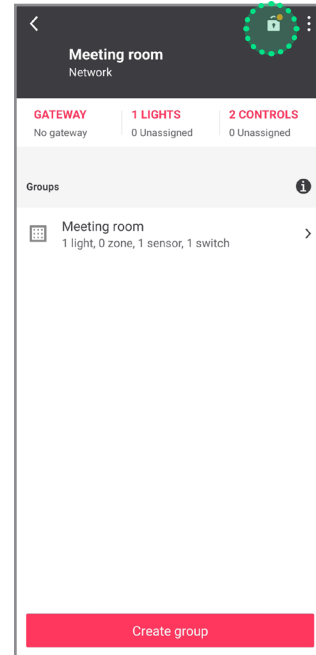
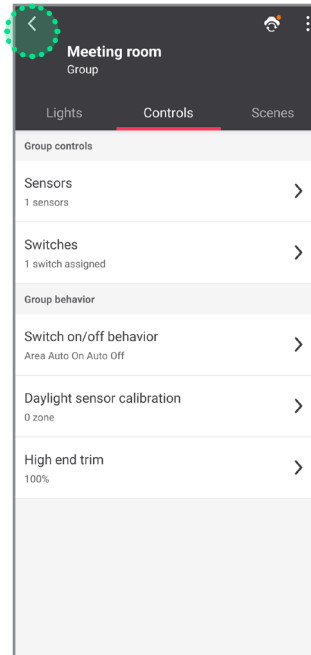
- 1 Type the name of the scene
- 2 Set brightness to 100%
▶ Press “enter” or “OK”
- 3 Set CCT to 2900 K
▶ Press “enter” or “OK”
- 4 Wait 5 seconds
- 5 Click on “Create”

* If color temperature slider is missing, follow the procedure indicated in the paragraph B in the Problem Solving chapter.

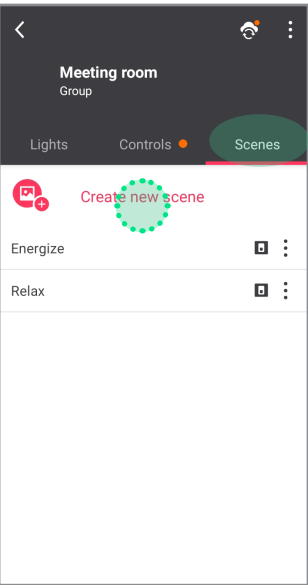
Deploy



Unlock



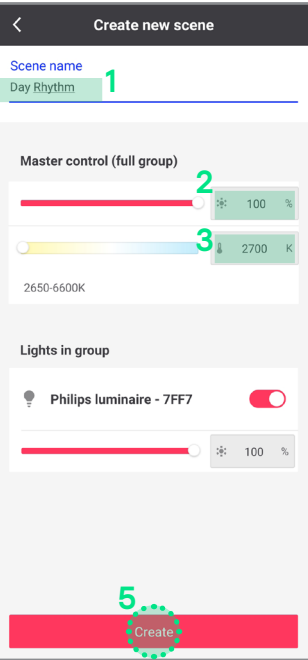
Additional scenes (optional)



! NOT REQUIRED if using only the user interface.

DAY RHYTHM scene

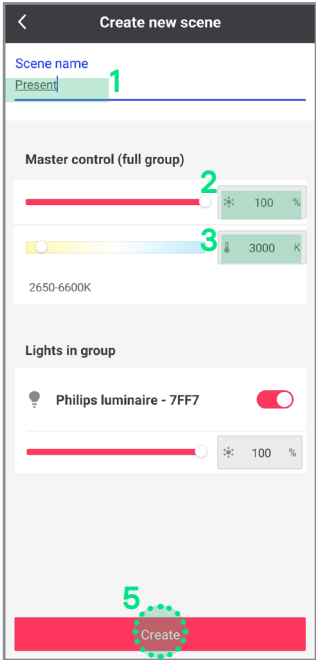
Day Rhythm



- Follow below steps:
- 1 Type the name of the scene
 - 2 Set brightness to 100%
▶ Press “enter” or “OK”
 - 3 Set CCT to 2700 K
▶ Press “enter” or “OK”
 - 4 Wait 5 seconds
 - 5 Click on “Create”

PRESENT scene

Present



- Follow below steps:
- 1 Type the name of the scene
 - 2 Set brightness to 100%
▶ Press “enter” or “OK”
 - 3 Set CCT to 3000 K
▶ Press “enter” or “OK”
 - 4 Wait 5 seconds
 - 5 Click on “Create”

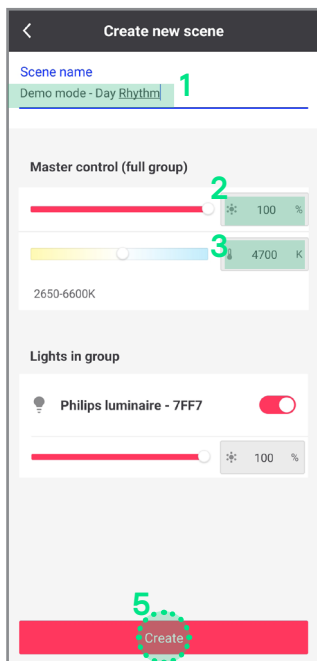
DEMO MODE

It is possible to program a scene that runs in cycle a faster mode of the dynamic scenes. Suitable for demo purposes controlled through the commissioning app.

DEMO DAY RHYTHM scene



Day Rhythm



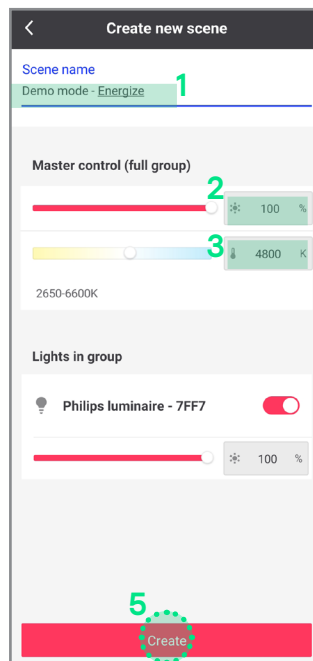
Follow below steps:

- 1 Type the name of the scene
- 2 Set brightness to 100%
▶ Press “enter” or “OK”
- 3 Set CCT to 4700 K
▶ Press “enter” or “OK”
- 4 Wait 5 seconds
- 5 Click on “Create”

DEMO ENERGIZE scene



Energize



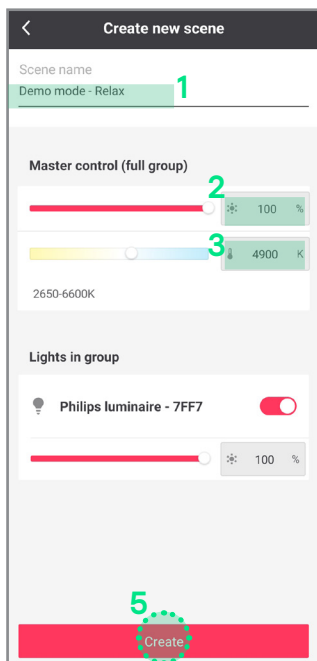
Follow below steps:

- 1 Type the name of the scene
- 2 Set brightness to 100%
▶ Press “enter” or “OK”
- 3 Set CCT to 4800 K
▶ Press “enter” or “OK”
- 4 Wait 5 seconds
- 5 Click on “Create”

DEMO RELAX scene



Relax

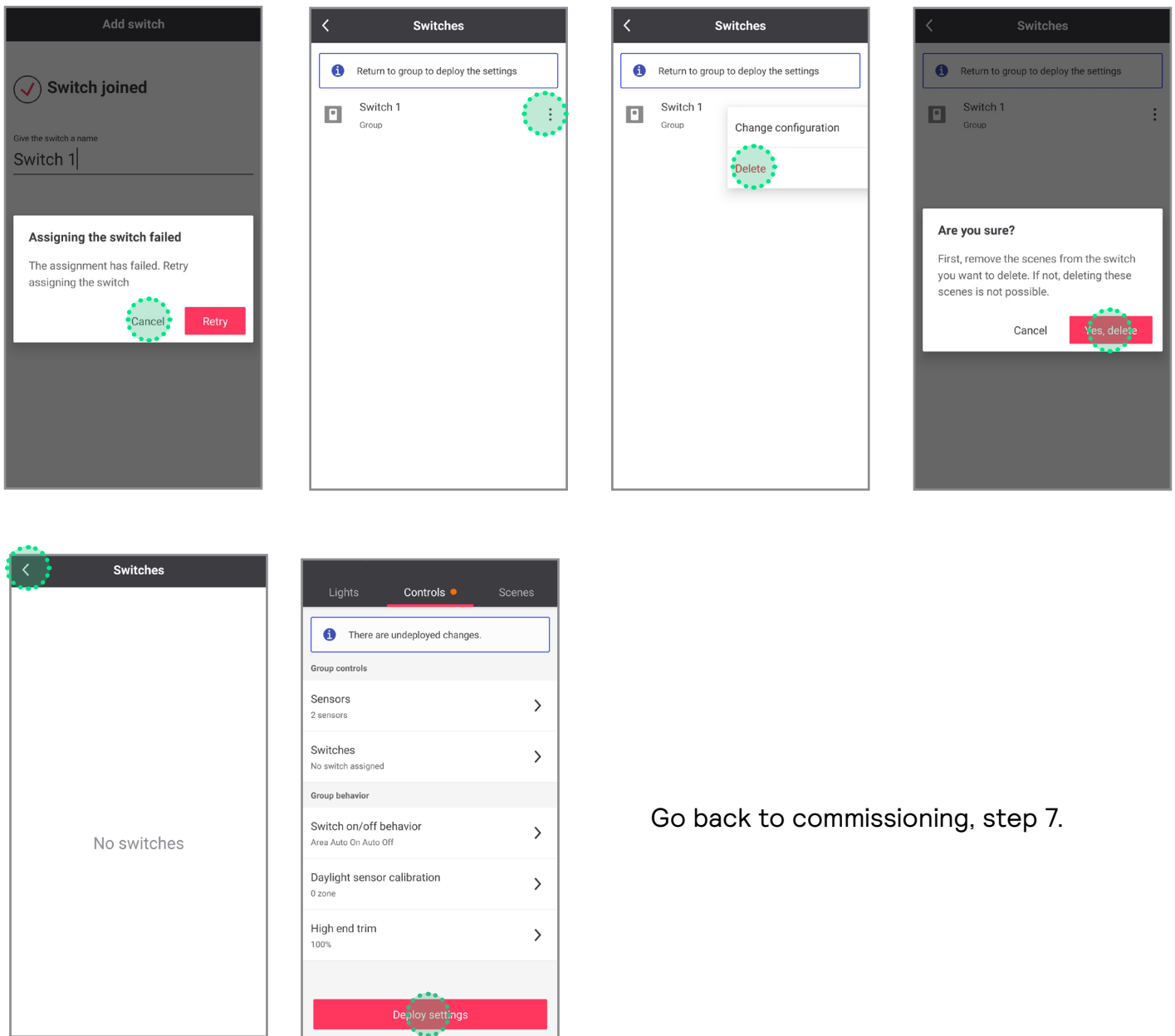


Follow below steps:

- 1 Type the name of the scene
- 2 Set brightness to 100%
▶ Press “enter” or “OK”
- 3 Set CCT to 4800 K
▶ Press “enter” or “OK”
- 4 Wait 5 seconds
- 5 Click on “Create”

A Cannot add a switch to a group (PRF)

If it is impossible to make the luminaires react to the switch remove the switch from the configurator and restart the process from the beginning.



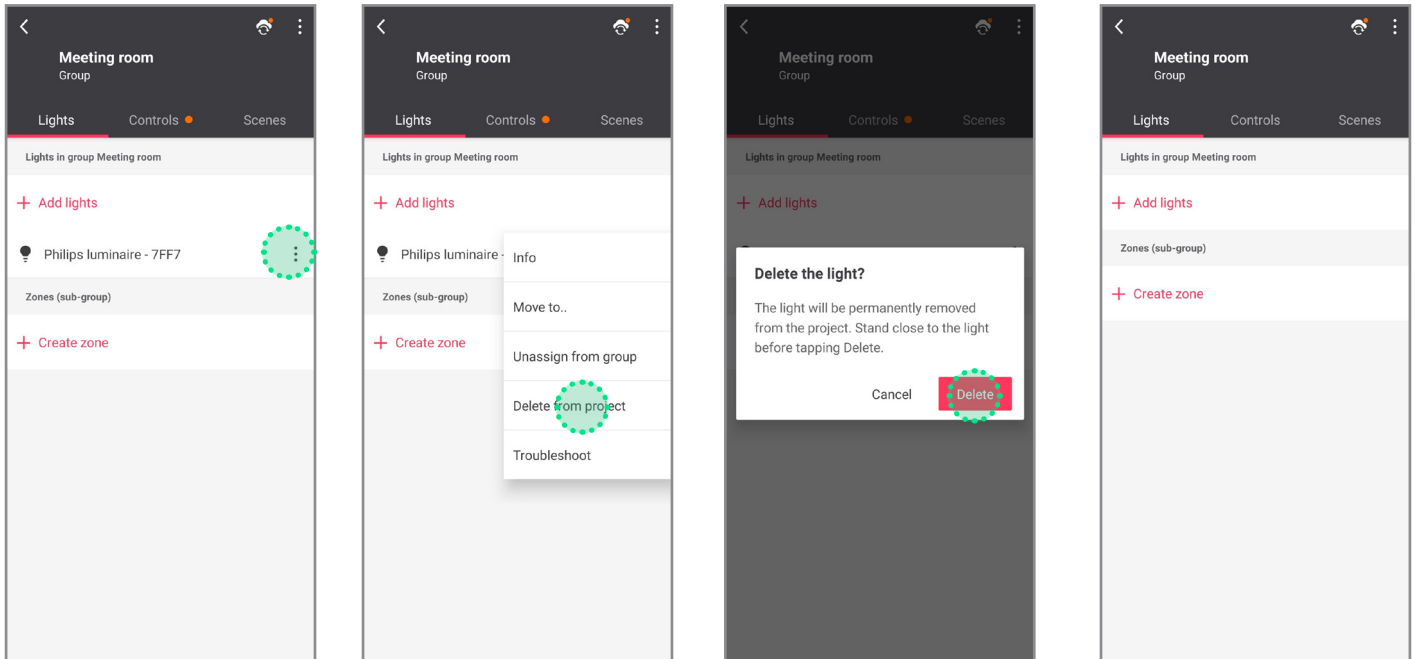
Go back to commissioning, step 7.

B

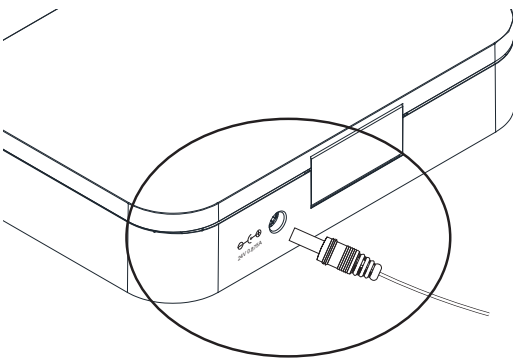
What to do if the color temperature slider is missing

Under certain circumstances it is possible for the NatureConnect link to not be detected as a tunable white device. To fix this it is necessary to remove it from the system and add it again.

Remove NatureConnect link



Reboot NatureConnect link



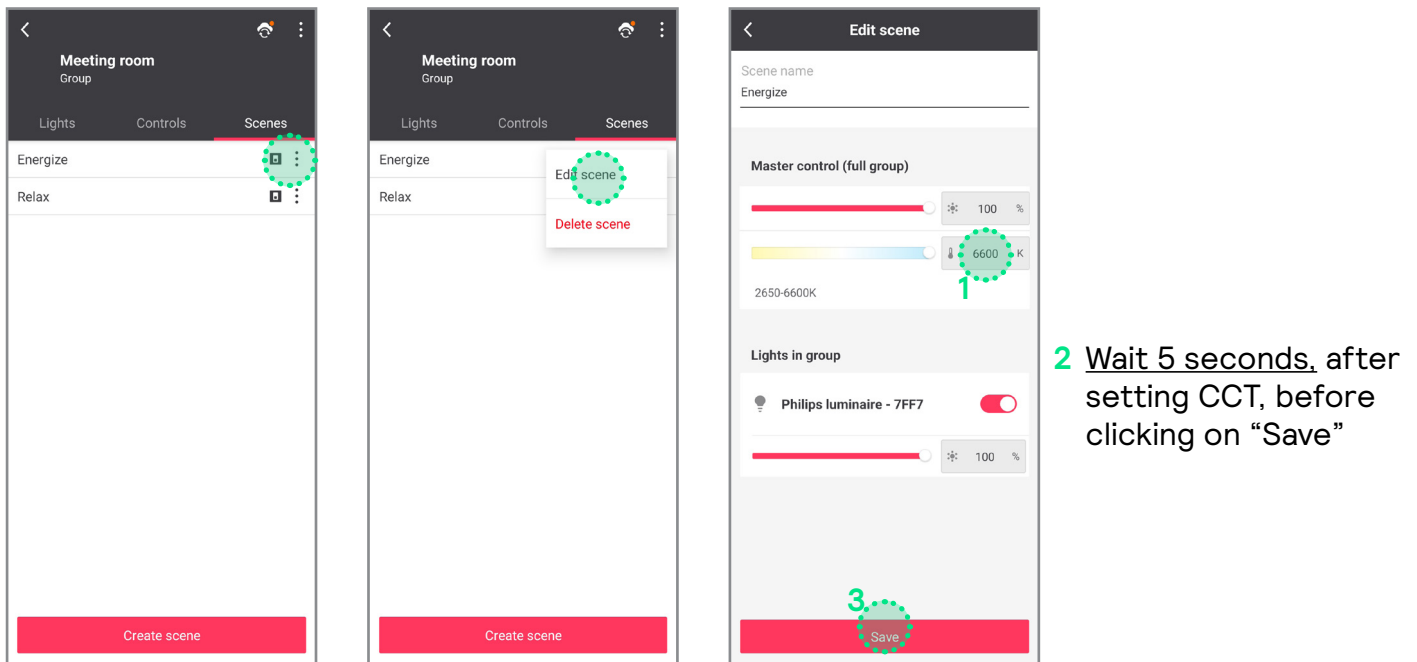
- 1 Remove power for 10 seconds.
 - 2 Wait 5 minutes until the NC link has fully started before continuing.*
 - 3 Go back to step 4: "Find and assign the NatureConnect link connected with a SNS210"
- * During the NC link boot process, the SNS210 loses power temporarily. If this happens during the commissioning process, you might have to reset the SNS210.

C What to do when system responds incorrectly to the inputs from the switch

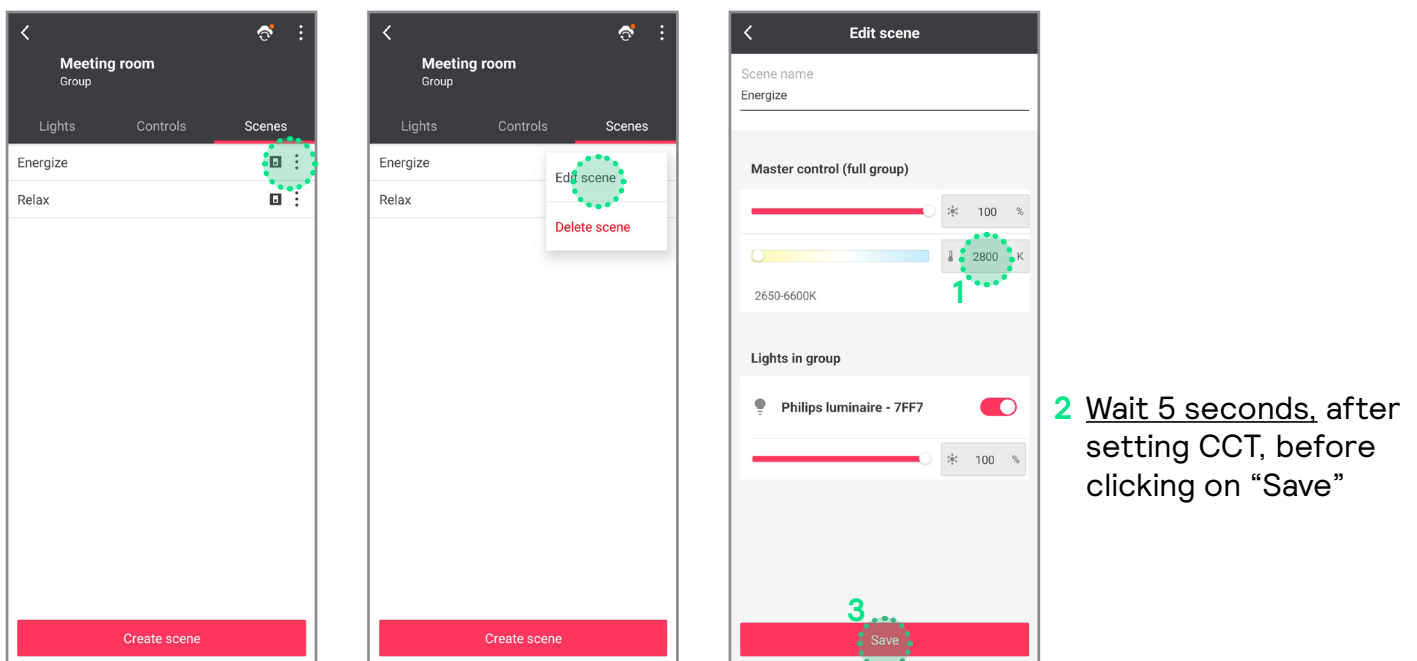
It can happen that the scene is saved incorrectly and that the system does not respond or triggers the wrong light experience when pressing a scene button on the switch.

This typically happens when you do not wait for 5 seconds between changing the color temperature and pressing the create button.

Change the color temperature of the Energize scene to a wrong value on purpose (eg. 6600K) and save.



Change the color temperature of the Energize scene back to correct value (2800K) and save.

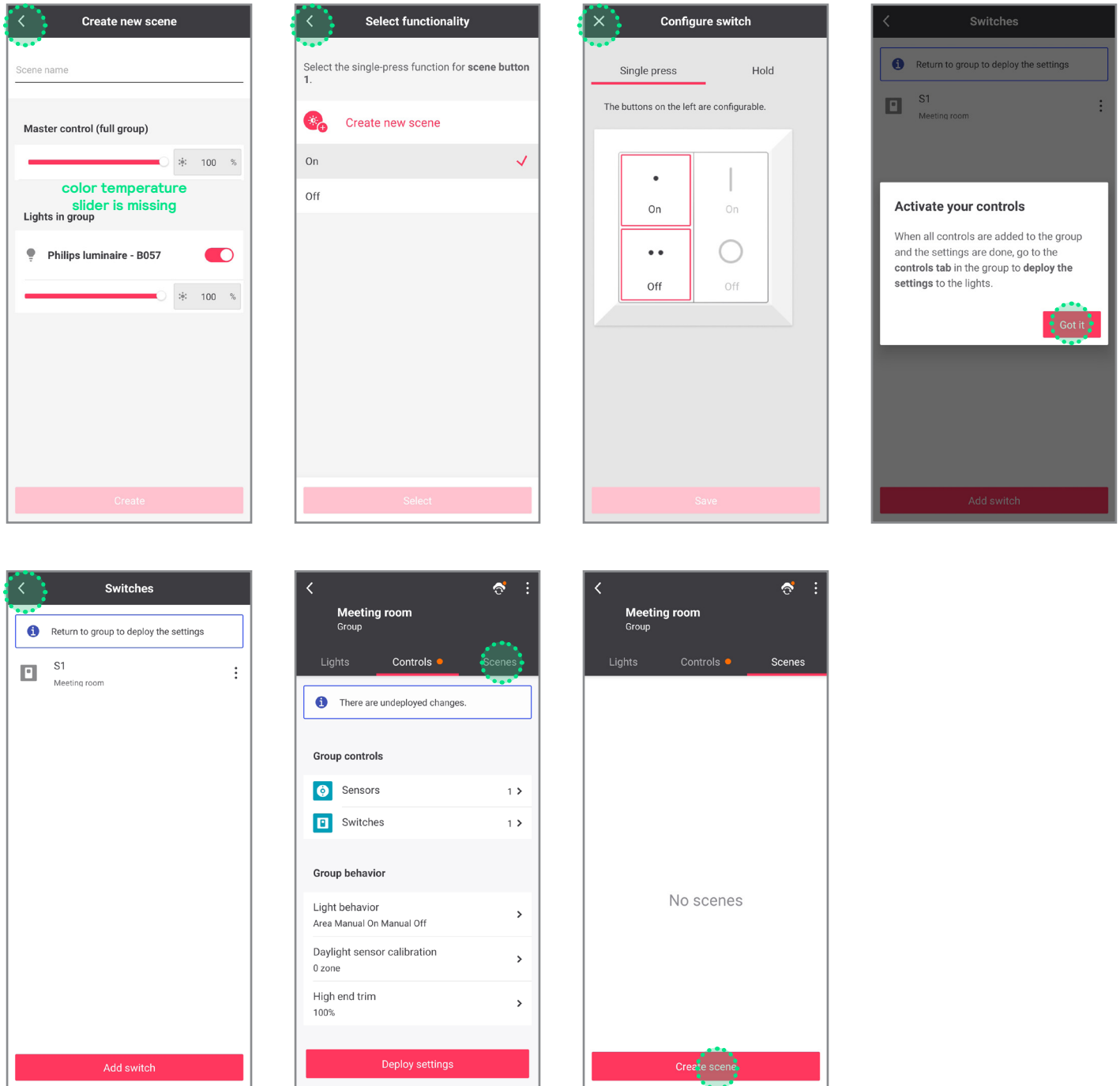


Repeat the same steps for Relax scene

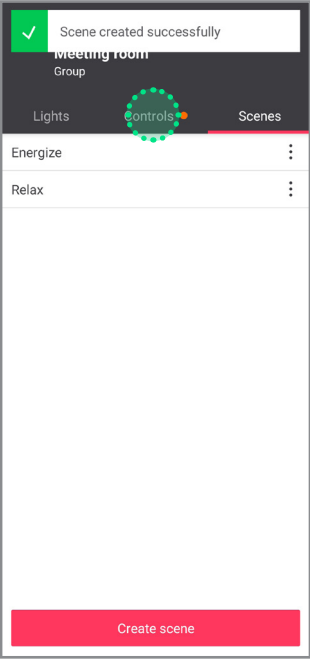
D What to do when color temperature slider is missing during scene creation.

When scene creation does not work correctly when adding a switch, please use the regular scene menu to create the scene.

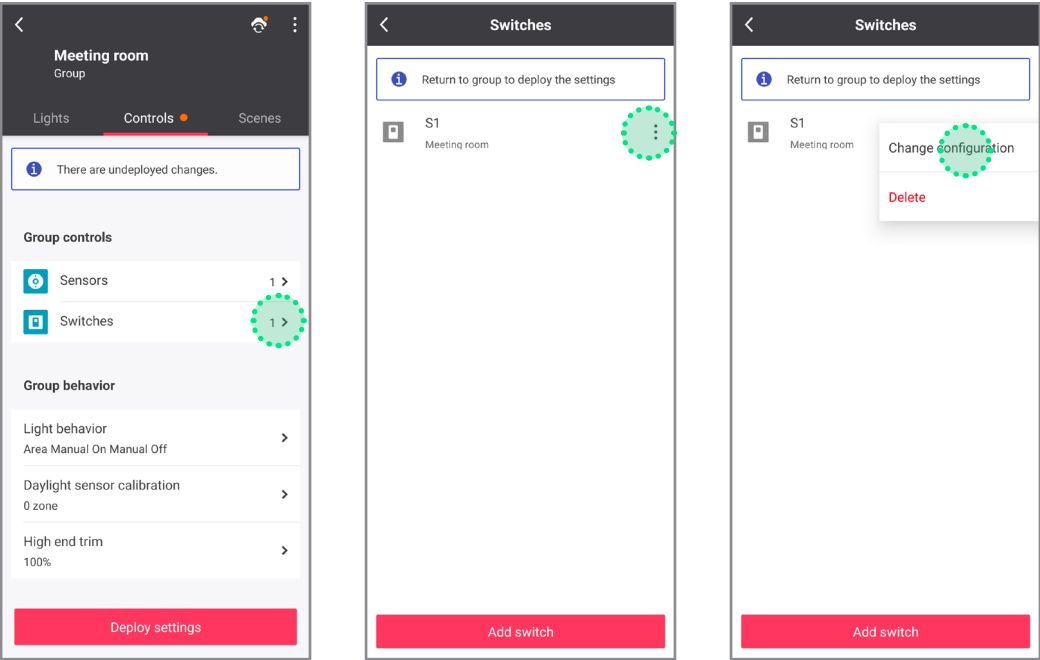
Go back to **Control** panel and then go to **Scenes** panel.



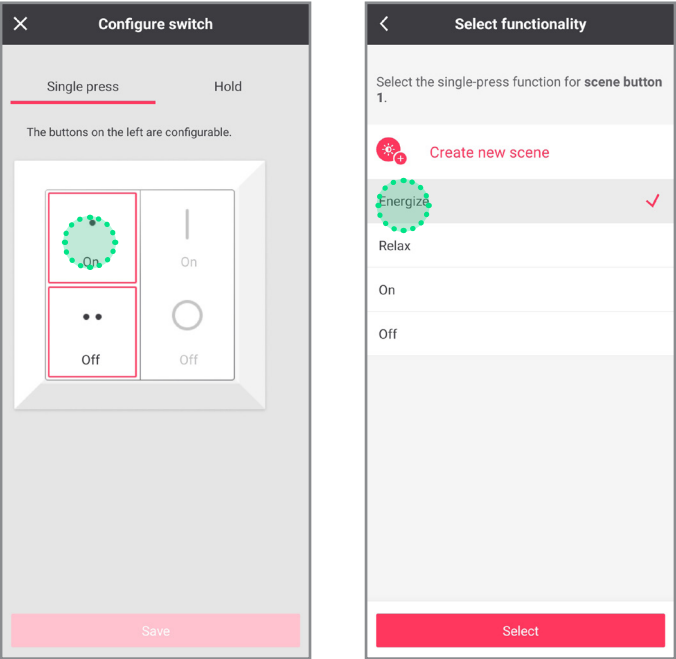
Create scenes as described on page 13. After go back to **Controls** panel.



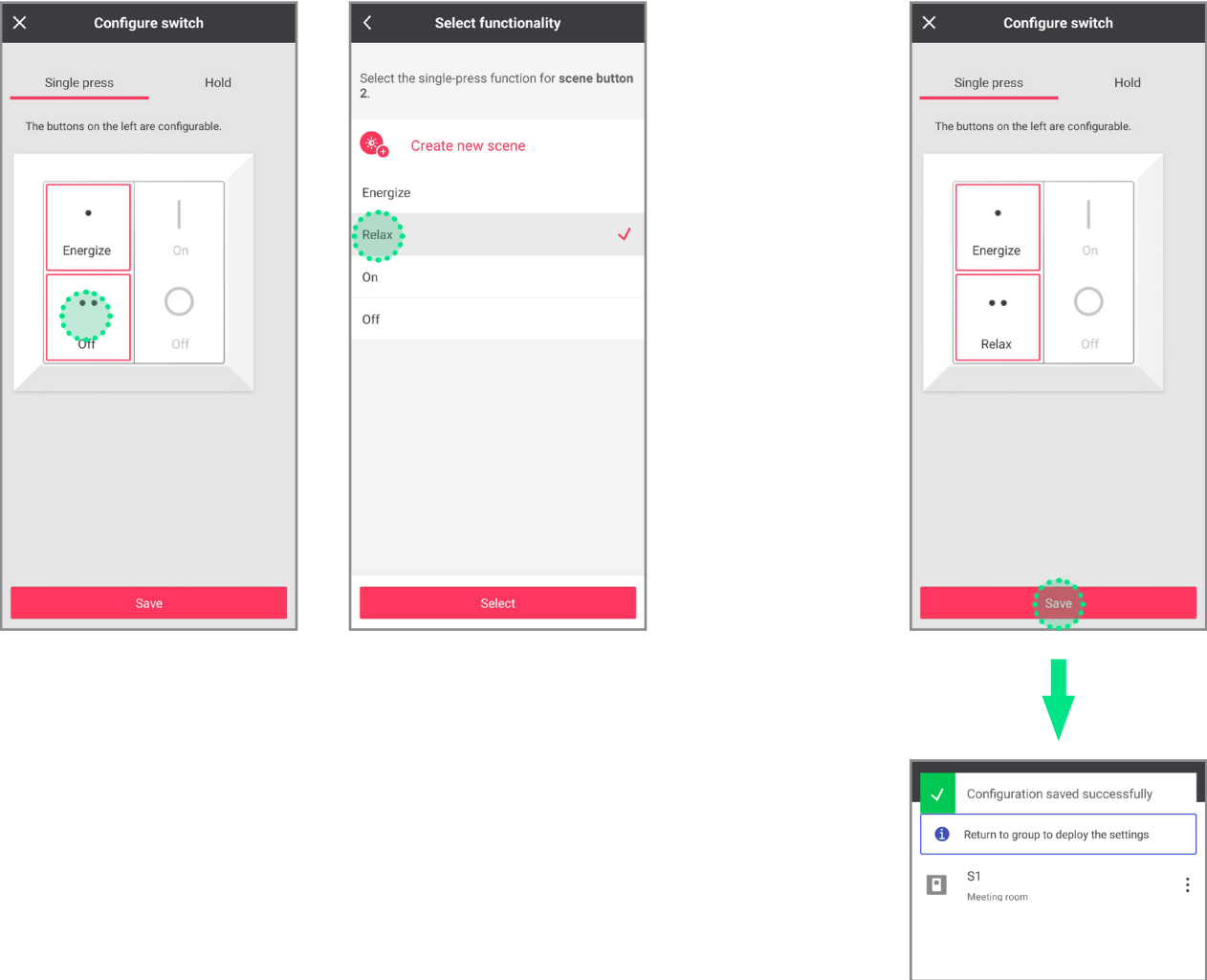
Assign scenes to the buttons of the switch.



Upper left button for Energize



Lower left button for Relax





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