SYLVANIA

SylSmart Connected

SSA

Commissioning Quick start guide for Android

Application Note

13 April 2026	Rev. 1.6

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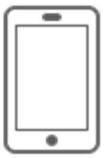
1. Introduction

SylSmart Connected Commissioning is a set of tools used to commission and manage commercial lighting installations based on qualified Bluetooth mesh technology. The commissioning consists of three stages:

1. Planning (with an account created in the SylSmart Connected web app before anything is built on site)
2. Implementation on site (with the SylSmart Connected mobile app for Android)
3. Verification (with the SylSmart Connected mobile app for Android and the SylSmart Connected web app)

This guide shows you how to commission a lighting system.

Planning	SylSmart Connected web app
	1. Design a lighting control plan based on the expected light behavior in each part of your lighting installation. 2. Create an account in the SylSmart Connected web app. 3. Create a project. 4. Add collaborators who will be helping you with the commissioning. 5. Create areas and upload floor or site plan images. 6. Create zones and set up light control profiles. The configuration will be stored in the cloud.
Implementation	**SylSmart Connected mobile app for Android**
	7. Go on site, add luminaires and sensors to the zones, and test the lighting control. The configuration previously created in the SylSmart Connected web app is automatically sent to these devices. 8. Assign switches to the zones. 9. Calibrate any ambient light sensors.
Verification	**SylSmart Connected mobile app for Android, SylSmart Connected web app**
	10. Make sure that there are no errors in the areas. 11. Analyze the commissioning report.

To use more advanced features not included in this guide, see these documents:

- Zone linking: *SN-200 SylSmart Connected Commissioning user manual*.
- Scheduling: *SN-201 SylSmart Connected Scheduling*.
- Emergency lighting testing: *SN-214 SylSmart Connected Emergency Lighting Testing*.
- Energy monitoring: *SN-222 SylSmart Connected Energy Monitoring*.

To troubleshoot issues that may have occurred during commissioning, see the *SN-223 SylSmart Connected Commissioning troubleshooting guide*.

2. Planning

2.1 Preparing

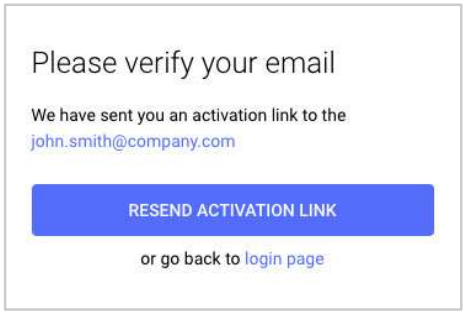
1. Design a lighting control plan based on the required light behavior in each part of your lighting installation.

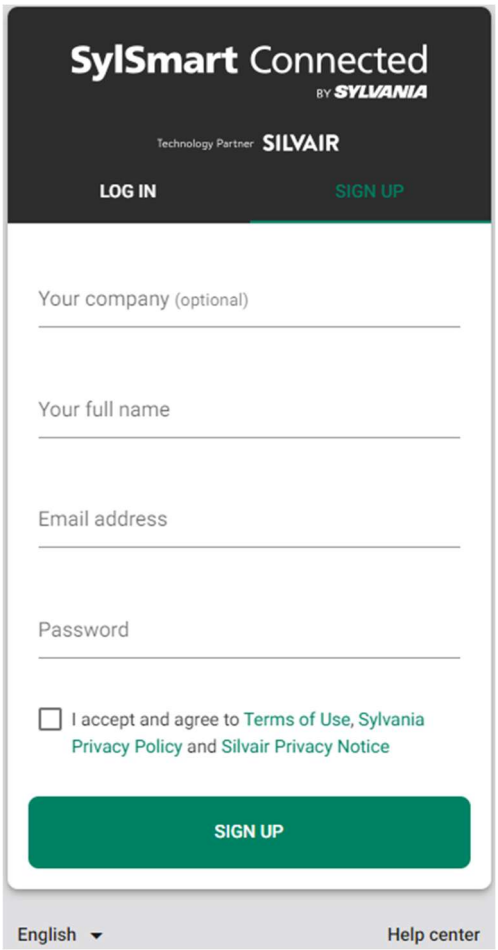
> Consider the properties of radio communication. Think about how you will group your luminaires, sensors, and switches into areas and zones.

2. See the *SN-211 SylSmart Connected Lighting Control application note*.
3. If your project meets at least one of the following criteria, see *SN-213 Recommendations for complex lighting installations*:
   - The project includes more than approximately 200 devices.
   - Some devices are arranged in a straight line.
   - Distances between devices are more than 60% of their radio range.
   - A *daylight harvesting* scenario is in use.

2.2 Creating an account in the SylSmart Connected web app

1. Go to the SylSmart Connected web app.
2. On the **Sign-up** tab, enter your company name, full name, and email address, choose a password, and select the checkbox.
3. Click the **Sign-up** button.
4. Check your inbox (and spam folder) for the activation link and click on it to activate your account.

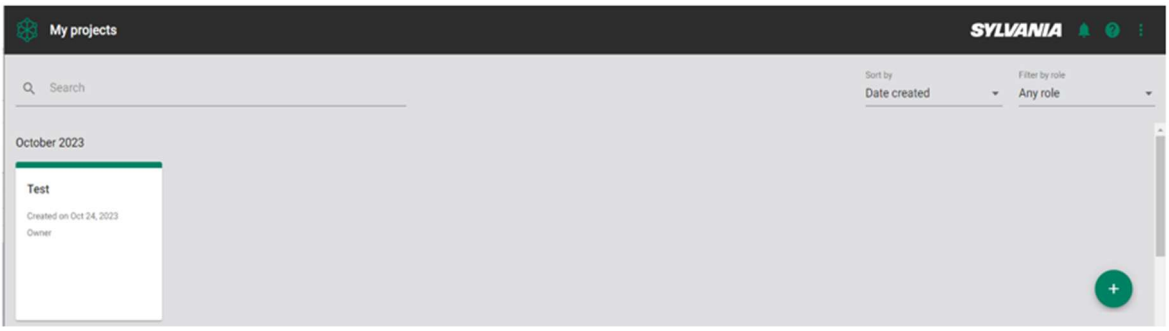




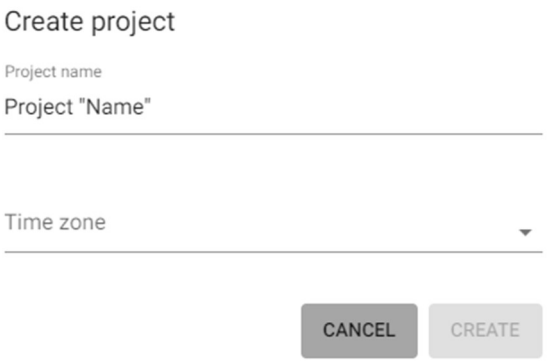
2.3 Creating a project

A project is a separate lighting installation created in the Silvair Commissioning tool. It can be as large as a whole building or site, or as small as a single room. Each project is a single Bluetooth mesh network that is separated from other such networks. A project can consist of multiple areas.

1. Log in to the SylSmart Connected web app.
2. Click **+** to create a project.



3. Enter a name for the project, select the correct time zone, and click **Create**.

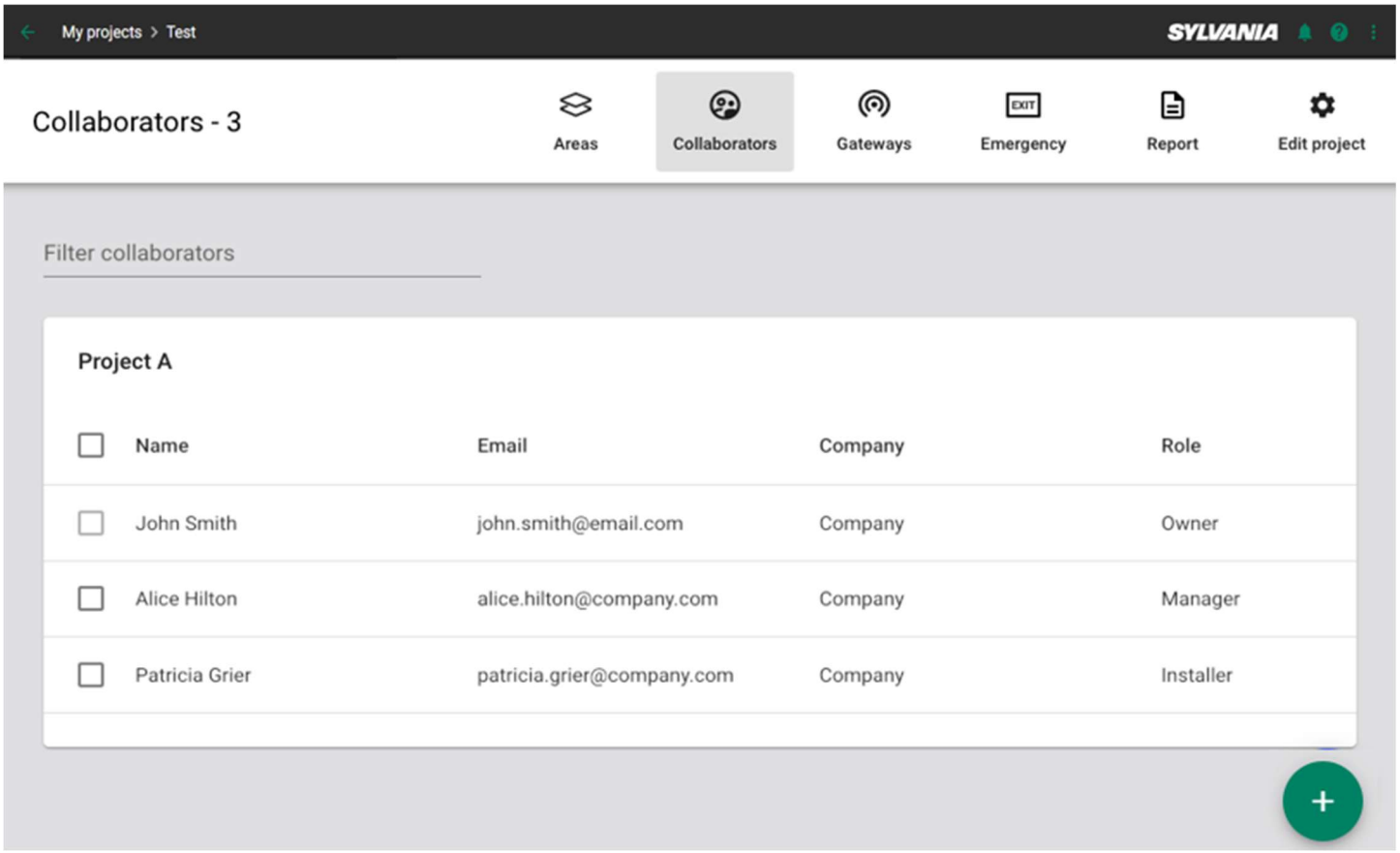


2.4 Adding collaborators

To speed up the work, you can add others to the project so they can participate in commissioning.

1. Open the project and click **Collaborators**.
2. Click **+** and enter the email addresses of the collaborators you want to add.

   By default, the user who creates a project becomes its owner. Other users can initially be assigned the role of manager, installer, or end user. For details about user roles, see the *SN-200 SylSmart Connected Commissioning user manual*.



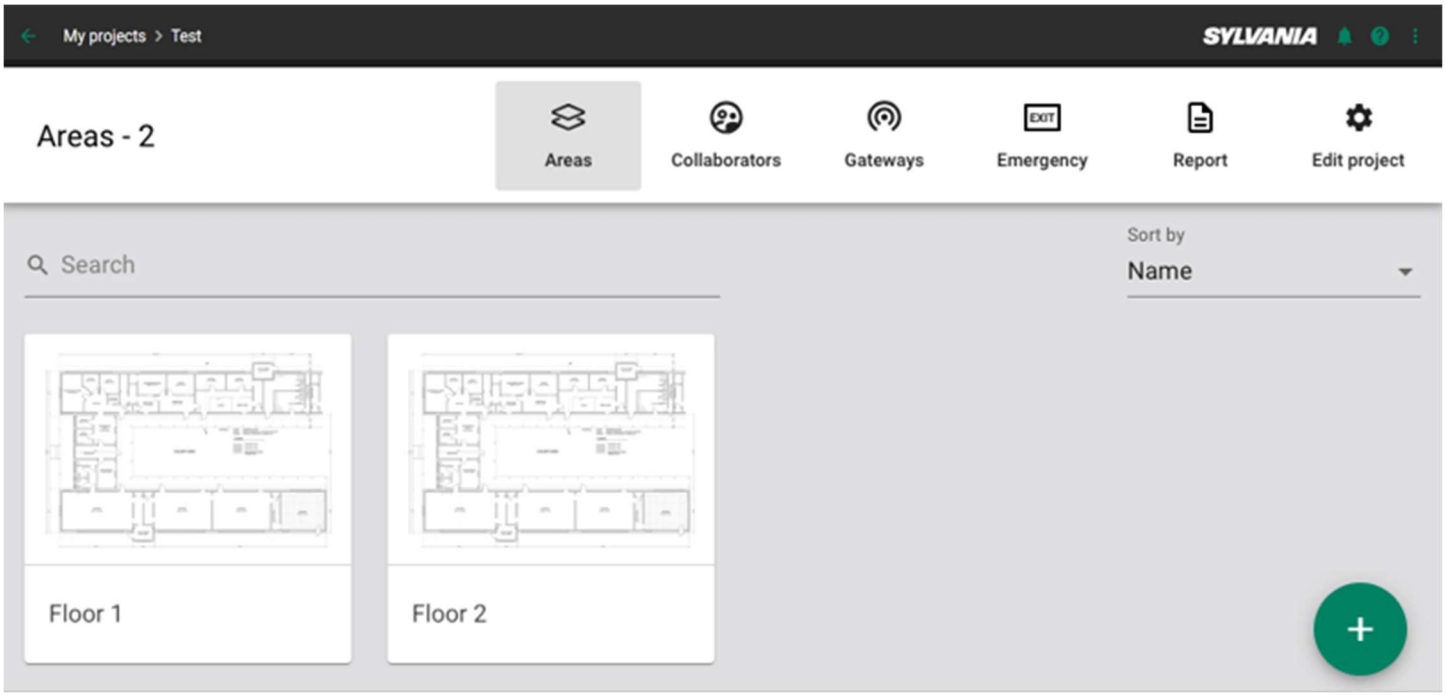
3. Select the role for the collaborators and click Send invitation. They will be added to the project with a set of rights that depend on their role.

2.5 Creating areas and uploading floor or site plan images

An area represents a part of a project – typically a floor, but it can also be a part of a large floor, or even a part of a building, such as a parking lot. All devices in an area must be able to communicate with each other.
Areas can include a floor or site plan to help the user navigate the project. Dividing a project into areas improves clarity and simplifies navigation.

If one or more devices are isolated and cannot communicate with the other devices in the same area, remove them and add them to a new area.

1. Open the project.
2. Click **+** to create an area.



3. Enter a name for the area.
4. Click ⬆ and open a JPEG, PNG, or PDF file with a floor or site plan image.

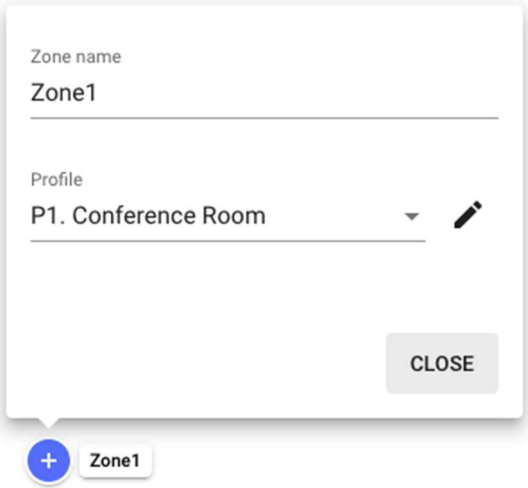
   The image will help you put the zones in the correct place during commissioning.

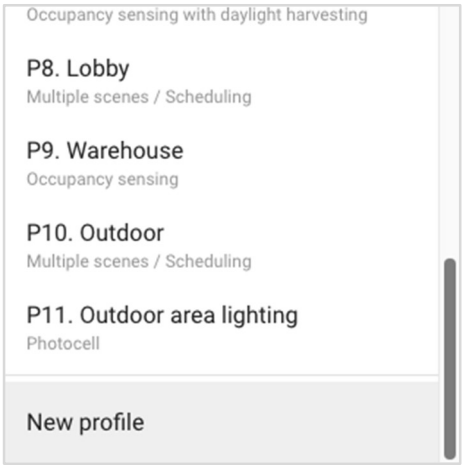
5. Click **Create**.
6. Repeat steps 2–5 to create more areas and upload a floor or site plan image to each area.

2.6 Creating zones and setting up control profiles

An area consists of zones that contain devices (luminaires, sensors, and switches) that have been commissioned using the Silvair mobile app. A zone can be a whole room or a part of it, or a separate space. All devices in the zone operate according to the control profile set up for the zone.

1. Open an area.
2. Click on the floor or site plan to create a zone. To move the zone, drag it to where you want it.
3. Enter a name for the zone. The name is saved automatically.





4. Select a control profile from the list of default profiles or create a new profile.

   A control profile is a scenario with settings used to control a zone. A scenario defines how the light behaves in the zone. If you set a different scenario for a profile, different settings may be available.

5. Click ✎ to edit the profile settings.
6. Repeat steps 2–5 to create more zones in this area and assign a control profile to each zone.

   At any time, you can change the zone position, name, or control profile, and create or delete zones.

   For details about profiles and scenarios, see the *SN-200 SylSmart Connected Commissioning user manual* and *SN-211 SylSmart Connected Lighting Control*.

7. Go to the remaining areas and repeat steps 2–6 to create zones and assign a control profile to each zone.

3. Implementation

3.1 Preparing

1. Make sure that all devices are correctly installed and powered on in your building or site, and that they support qualified Bluetooth mesh technology.
2. Install the SylSmart Connected mobile app on your Android mobile device.
3. Make sure that your mobile device is connected to the internet when you are on site.
4. Make sure that Bluetooth on your mobile device is turned on.
5. If any zone uses a control profile with a *daylight harvesting* scenario, bring a light meter.
6. If you want to control a zone manually, install a Bluetooth companion switch in the zone.

> Keep the QR code of the companion switch in a safe place. You will need the code if you want to assign the switch to a different device.

3.2 Commissioning the project

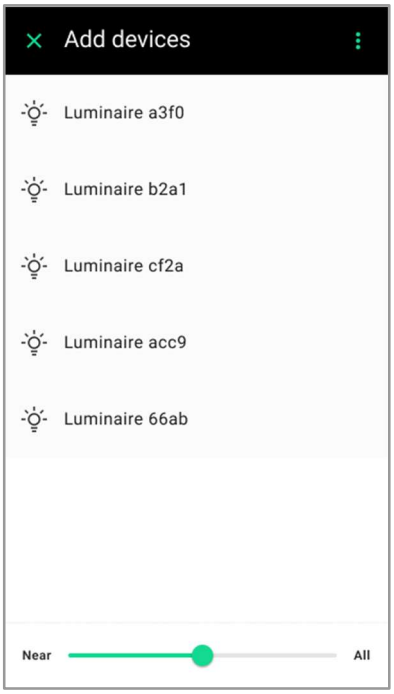
3.2.1 Adding devices to the zones

1. Go to the site where the devices are installed.
2. Log in to the SylSmart Connected mobile app and go to the project and area.
3. Go to the zone where you want to add devices.
4. Move as close as possible to the devices
5. Tap **+**

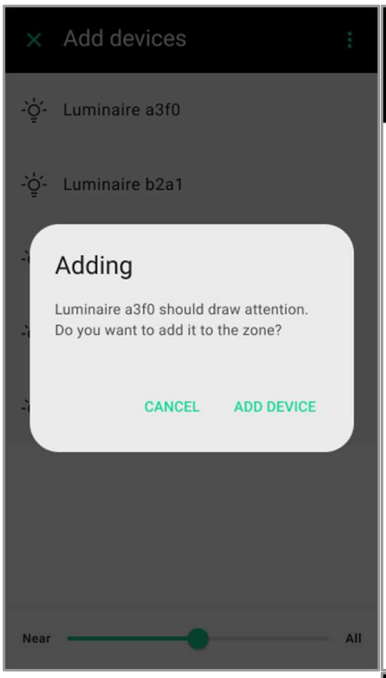
> A list of devices will appear.

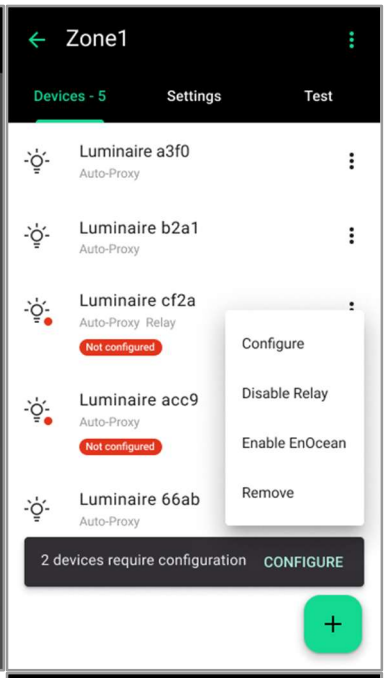
> To see only the nearest devices, move the slider to the left.

> If the device you want to add does not appear, it may have been added to a different zone or project, or it could be damaged.



6. Tap a device to add it to the zone.
   The device will identify itself by flashing.
   If this is the correct device, tap **Add device**.
7. Add the remaining devices to the zone.
8. Go back to the **Devices** tab.
9. If a **Not configured** label appears below a device name, tap ⋮ > **Configure** to configure this device. To configure all devices that require configuration in this zone, tap **Configure** on the bottom bar.

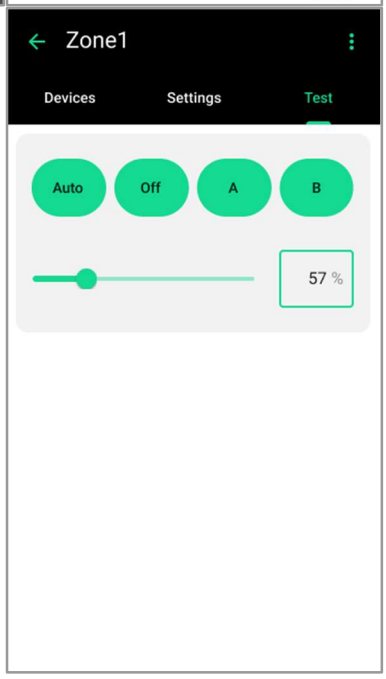




10. Go to the **Test** tab and use the **Auto** and **Off** buttons to make sure that all devices in the zone respond as intended.

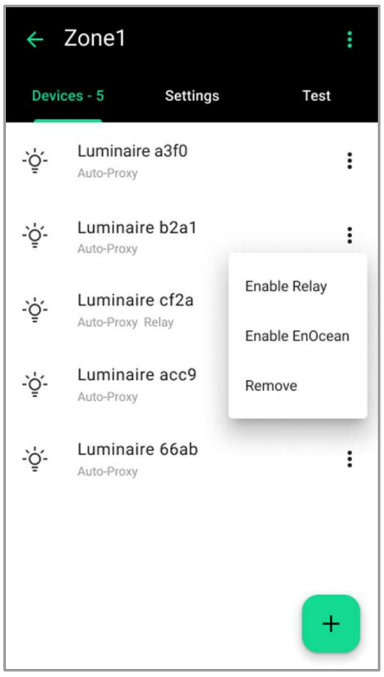
    For details about testing the zones, see the *SN-200 SylSmart Connected Commissioning user manual*.

11. Repeat steps 3–10 to add devices to the remaining zones in this area.
12. Go to the remaining areas and repeat steps 3–10 to add devices to zones.



3.2.2 Assigning companion switches to the zones

To control the light in a zone with a companion switch, perform these steps:

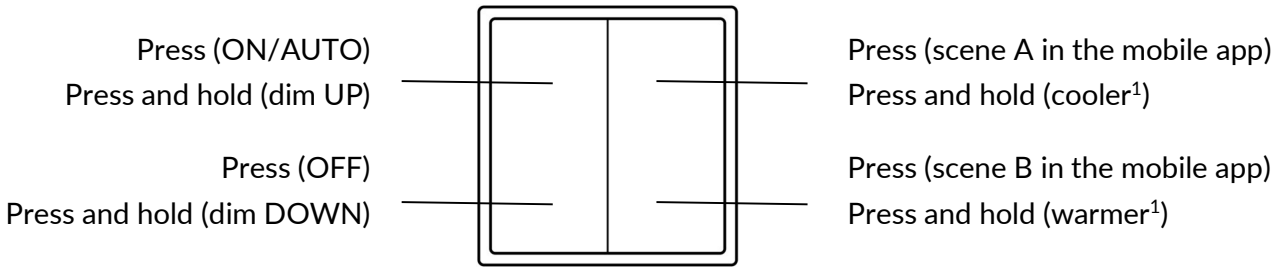


1. Make sure that a Bluetooth companion switch is installed in the zone.
2. Select a device to assign to the companion adapter. Make sure that this device is close to the switch.
3. Go to the zone, and on the **Devices** tab, read this device's labels to make sure that it is not set up as a *static proxy* or a *relay*.

   To find the device, tap ☼ next to a device name to make sure that the correct device flashes.

4. Tap ⋮ > Pair companion switch next to the device name to assign this device to the companion switch.
5. If the app asks for permission to access the camera, tap **OK**.
6. Point the camera at the QR code on the back of the companion switch or on its packaging. The app will read the code and configure the connection.
7. Use the buttons of the companion switch to make sure that all devices in the zone respond as intended.

   The left button is used for manual control (ON/AUTO / OFF) and dimming (dim UP/DOWN). The right button (if available) is used to recall scenes (scene A, scene B; if configured) and control color temperature (cooler/warmer).



8. Repeat steps 1–7 for all zones that you want to control with an companion switch.

For details about the companion switch, see *SN-203 Companion switch*.

For details about how to set up and trigger scenes with the companion switch, see the *SN-200 SylSmart Connected Commissioning user manual*.

For details about mesh network best practices, see *SN-202 Optimizing mesh network performance*.

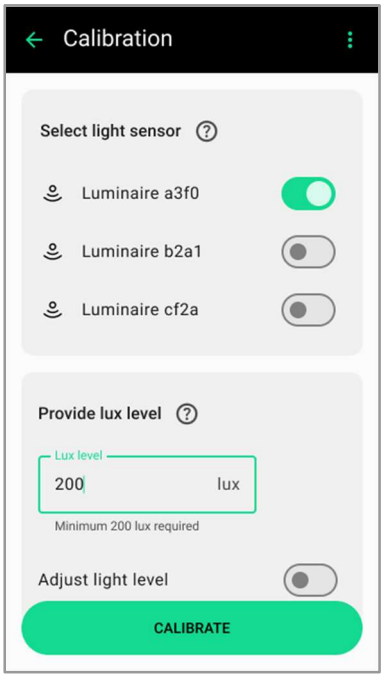
[1] Only for zones with compatible tunable white fixtures and Silvair firmware version 2.15 or later. Otherwise, the *press and hold* action of the right button will not work.

3.2.3 Calibrating the light sensors

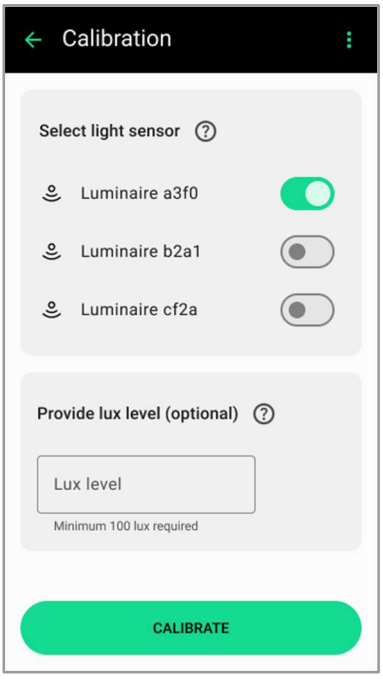
If the zone uses a *daylight harvesting* or the *Photocell* scenario, perform these steps:

1. Go to the zone and on the **Devices** tab, tap **Calibrate**.
2. Select the correct sensor for the zone. To find the sensor, tap next to the sensor name to make sure that the correct sensor flashes.

Daylight harvesting



Photocell



3. For a *daylight harvesting* scenario:
   a. Put a light meter vertically below the sensor onto the surface where you want to maintain the required light level.
   b. Read the value shown on the light meter in lux (lx) and enter it into the **Lux level** field. Make sure that it is at least the minimum shown below the field.

> If the required minimum light level cannot be achieved, for example because you must calibrate at night, see *SN-209 SylSmart Connected Daylight Harvesting*.

4. Tap **Calibrate**.
5. For each daylight harvesting zone, repeat steps 1–4. For each photocell zone, repeat steps 1, 2, and 4.

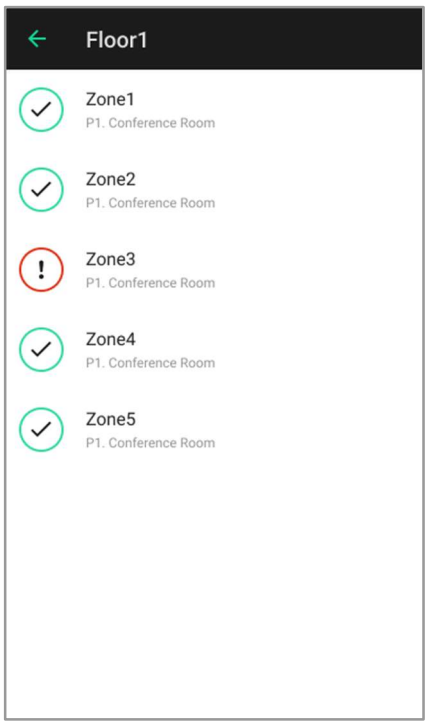
4. Verification

4.1 Making sure that there are no errors in the areas

1. In the **SylSmart Connected mobile app for Android**, go to an area and make sure that a checkmark appears for each zone.

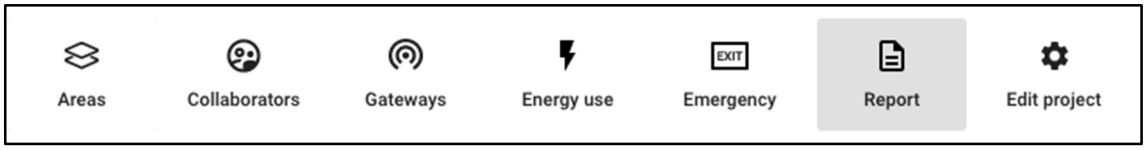
✓	All devices in the zone have been commissioned.
!	There are some issues in the zone.

2. If there are zones with an exclamation mark, go to each such zone.
   a. If a **Configure** button appears, tap it to configure all devices that require configuration in this zone.
   b. If a **Calibrate** button appears, tap it and continue as described in **Calibrating the light sensors.**
3. Repeat steps 1–2 for the remaining areas.



4.2 Analyzing the commissioning report

1. In the SylSmart Connected web app, open the project and click **Report > Download**.



2. Analyze the report to make sure that everything is set up correctly.

The commissioning of your lighting system is now complete. The devices in all zones will behave as configured in the SylSmart Connected web app.

The commissioning report includes details about the project, areas, zones, devices, control profiles, zone linking, scheduling, energy monitoring, gateways, mesh quality, and collaborators. For details about the report, see the *SN-200 SylSmart Connected Commissioning user manual*.

5. Android vs. iOS/iPadOS mobile app comparison

	Android	iOS/iPadOS
Log in to an account	✔	✔
Create and delete an account	✘	✔
Request password change	✘	✔
View the list of projects, areas, and zones	✔	✔
Create, edit, and delete projects, areas, and zones	✘	✔
Search projects and areas	✘	✔
Sort projects and areas by name or date	✘	✔
Add and manage project collaborators	✘	✔
View the floor or site plan	✘	✔
View the list of devices added and those available to be added	✔	✔
View diagnostics and monitoring data for a device	✘	✔
Change the device name	✘	✔
Add a single device to a zone at a time	✔	✔
Add multiple devices to a zone at a time	✘	✔
Add a device with firmware version earlier than 2.17 or with non-Silvair firmware	✘	✔
Remove a device from a zone and restore it to a zone	✔	✔
Configure devices	✔	✔
Configure all devices in an area at a time	✘	✔
Edit profiles and scenes	✘	✔
Manually set up a device to act as a relay	✔	✔
Assign a companion switch to control a zone	✔	✔
Dim all devices in a zone at a time and recall scenes using the ‘Test’ tab	✔	✔
Dim a single device and control color temperature using the ‘Test’ tab	✘	✔
View the sensor status	✘	✔
Adjust the motion sensitivity of a sensor	✔	✔
Set up daylight harvesting and calibrate light sensors	✔	✔
Manually start an emergency lighting test	✘	✔
View and collect the emergency lighting test results	✘	✔
Manually sync the time in the mesh network	✘	✔
Perform a mesh quality test	✘	✔
Perform over-the-air update (OTAU)	✘	✔

6. Document revisions

Revision	Date	Editor	Changes
1.6	13 April 2026	CM	Added a step to Adding collaborators. Edits related to delete/remove and add/create. Updated some images. Minor edits and corrections
1.5	25 September 2025	CM	Updated the text to replace EnOcean with a **companion switch**. Updated all screenshots from the mobile app. Minor edits.
1.4	09 June 2025	CM	Document revision and minor updates
1.3	24 October 2024	CM	Added a checkmark to “Adjust the motion sensitivity of a sensor” because it is now supported on both iOS and Android.
1.2	06 August 2024	CM	Removed information about old project versions that are no longer in use
1.1	31 July 2024	CM	Added new features to the Android vs. iOS/iPadOS mobile app comparison section.
1.0	11 April 2024	CM	First release.

Contact information

Support:	Support.sylsmart@sylvania-lighting.com
For more information please visit:	www.sylvania-lighting.com/connected