PHILIPS
dynalite

Quick Start Guide

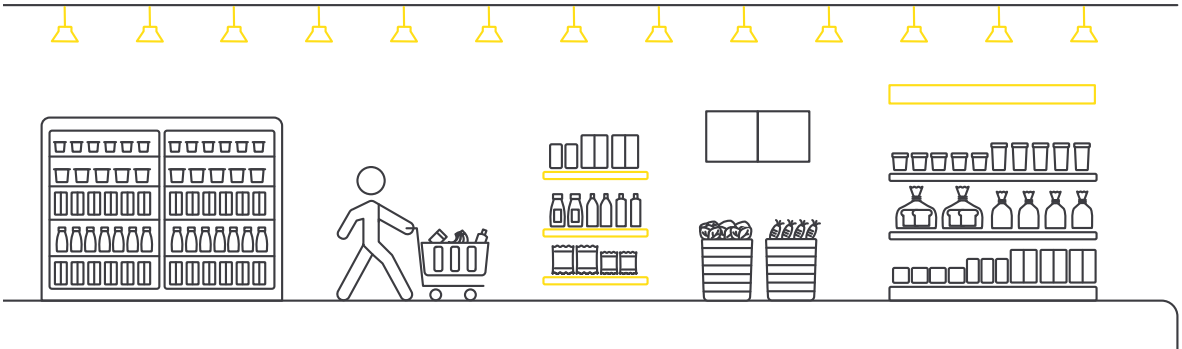
Important safety instructions!
Read these first.

Store Kit

Release 2.3

Easy-to-install lighting control kit for
medium and large sized stores

Contents



Introduction

Store Kit is a system for retail stores that offers advanced lighting controls functionality in a package that is simple to install and operate.

The kit consists of Philips Dynalite lighting controls components. Once they are installed and connected their dedicated software sets up a fully operational system automatically.

⚠ Warning

- Philips luminaires operating with the Store Kit must be installed by qualified technicians in accordance with all national and local laws, including building codes and safety regulations.
- Do not attempt to install or use a Philips luminaire until you have completely read and understood the installation instructions and safety labels.
- When installing the luminaires in a ceiling, make sure you do not conceal any of the following existing equipment in the building:
  - fire sprinklers, air vents, PA systems, other security or fire protection sensors or signalling equipment.
- Modifications to any part of the system are not allowed and will void the warranty.

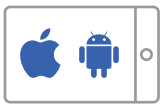
⚠ Caution

- The light source contained in the luminaires should only be replaced by the manufacturer or his service agent, or a similarly qualified person.
- Ensure that no high-velocity airflow (e.g. air conditioning system air currents) circulates across the ceilings in which the luminaires are installed. This may lead to accumulation of dirt on the surface of the luminaires.

There are two variants available:

- Store Kit with Gateway
- Store Kit with Touchscreen

The instructions in this document are generic for all system variants, except when explicitly indicated.

Kit with Gateway	Kit with Touchscreen
	
Using a tablet (not included)	Using a PDTS

Contents of the box

Store Kit

The box contains all the components needed for installation of the kit, as well as the Quick Start Guide.

If you would like more in-depth information on the system hardware and configuration possibilities, contact Philips Dynalite at www.dynalite.com.

Variants

The kit is available in two variants. The only difference between both variants is the central store controller:

Kit with Gateway	Kit with Touchscreen
	
PDEG CFIAR CE ethernet gateway The PDEG provides a multipurpose Ethernet connection to the lighting control system. It supports access to the lighting system via a dedicated web interface app using a tablet (not included) allowing the user to configure and operate the system.	**PDTS CFIAR networked touchscreen** The PDTS supports access to the lighting system via its dedicated user interface allowing the user to configure and operate the system. This setup requires a DDNP1501 to provide power to the PDTS and the communication bus.

Contents of the box

DDBC1200 CFIAR P (primary) signal dimmer controller
To control the DALI dimmable LED lighting in the store, each DDBC1200 has 12 independent output channels.

Note

The outputs on the controller are dedicated to specific channels on the Sales floor, Back-of-house and Outdoor area. See chapter 2 Connect the luminaires to the controllers for more information.

Important

It's possible to add more than one DDBC1200 controller to the system. Make sure to order additional DDBC1200 CFIAR S (secondary) controllers separately.

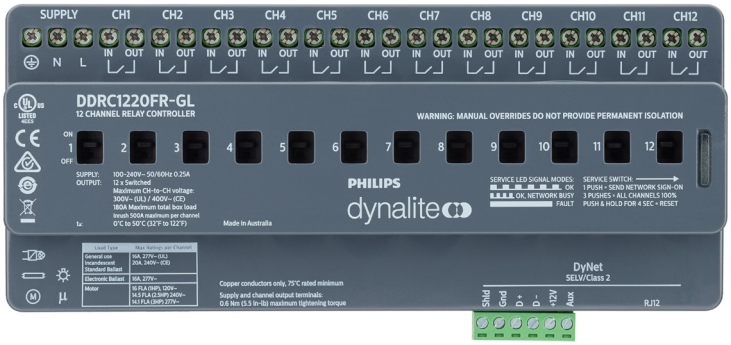
Contents of the box

DDRC1220FR-GL CFIAR relay controller
Provides up to 12 independent output channels for controlling non-dimmable lighting (for example lighting in a display cabinet).

Note

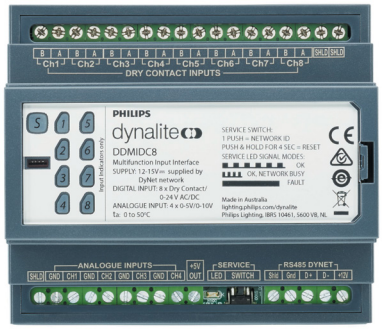
The outputs on the controller are dedicated to specific channels on the Sales floor, Back-of-house and Outdoor area.
See chapter 2 Connect the luminaires to the controllers for more information.

It's possible to add more than one DDRC1220-GL controller to the system. Make sure to order additional DDRC1220-GL CFIAR controllers separately.



DDMIDC8 CFIAR dry contact input controller
Allows triggering of the lighting presets by external inputs such as a third-party buttons or key-switches. Provides integration with BMS and/or external alarm systems.

- Eight software selectable digital inputs, configured as dry contacts
- All inputs are optically isolated for high noise immunity
- All inputs have LED status indicators



Contents of the box

Other items

Essential documentation

Project template and lighting plan

Provides all store specific information relevant for the installation and configuration process (as agreed earlier between the Signify representative and store owner/manager).

Contents of the box

Optional component

DUS360CR-DA CFIAR sensor
Used only in Back-of-house area and NOT for the lighting on the Sales floor. Uses motion sensors to switch on luminaires automatically when members of staff enter.

The sensor is connected to the network in the same way as the other units.

It is possible to add up to seven sensors. When adding more sensors, make sure to install an additional DyNet power supply, for example the DDNP1501 network power supply.

Contents of the box

Items not in the box

- **Luminaires**
- **Cables**

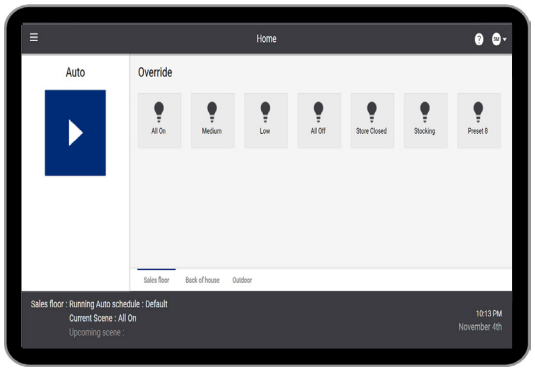
Important

When installing a kit with PDEG ethernet gateway as central store controller, the following items are not part of the kit delivery and need to be provided by the customer.

- **Tablet**

The recommended minimum requirements for a tablet are:

Type number	iOS	Android
Version	iPadOS 13 to 18	Android 9 to 13
Screen resolution	1536 x 2048	800 x 1280
Web browser	Recent version of Safari or Chrome	
Connectivity	Wi-Fi only	



Contents of the box

- **Wi-Fi enabled router**
  - Firewall not required for standalone system. However, PDTS needs Network Time Protocol (NTP) access to keep displayed time synchronised or to schedule access to the interface.
  - Wireless security Wi-Fi Protected Access (WPA3)
  - The PDEG CFIAR Ethernet Gateway is delivered preprogrammed:
    - **Static IP address:** *192.168.1.50*
    - **Subnet mask:** *255.255.255.0*
  - The router must be configured to the following:
    - **IP address:** *192.168.1.1*
    - **Subnet mask:** *255.255.255.0*
    - **Reserved IP address:** *192.168.1.50 (DHCP service)*
    - **DHCP range:** *from 100 and above (excluding 192.168.1.50)*

Installation procedure

Important

- Before you install the kit, first make sure you have wired and grouped the luminaires according to the Lighting Plan.
- When installing a kit with gateway, make sure to install the certificate onto the tablet before configuring the system.

First unpack the box and check the components. Then install the kit using the following steps:

1. **Connect all luminaires.**
2. **Connect the controllers in a network.**
3. **Connect the luminaires to the controllers.**
4. **Connect third-party buttons, alarms etcetera to the dry contact input controller.**
5. **Connect the (optional) sensor.**
6. **Test the luminaire installation.**
7. **For a kit with gateway, install the certificate:**
   a. **Install the Signify certificate on the tablet to provide a secure connection between the tablet and the system. See Appendix D Installation of the Signify certificate.**
   b. **Check on the tablet if the secure connection is established. See Appendix D Installation of the Signify certificate.**
8. **Use the tablet or touchscreen to configure the system via the Dynalite Store Control UI.**

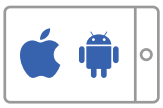
Note

Once the installation is ready, please complete the 'As Is' installation report in Appendix A and return it to your Signify representative.

Installation procedure

What is provided in the box:

Store Kit with Gateway (12NC: 913703246409)



Type number	Description
PDEG CFIAR CE	Ethernet Gateway
DDBC1200 CFIAR P CE	Primary signal dimmer controller
DDRC1220FR-GL CFIAR CE	Relay controller 12 × 20 A (max. 180 A)
DDMIDC8 CFIAR CE	Low level input integrator

Store Kit with Touchscreen (12NC: 913703020909)

Type number	Description
PDTS CFIAR	Touchscreen
DDBC1200 CFIAR P CE	Primary signal dimmer controller
DDRC1220FR-GL CFIAR CE	Relay controller 12 × 20 A (max. 180 A)
DDMIDC8 CFIAR CE	Low level input integrator
DDNP1501	Network power supply

Additional and optional components:

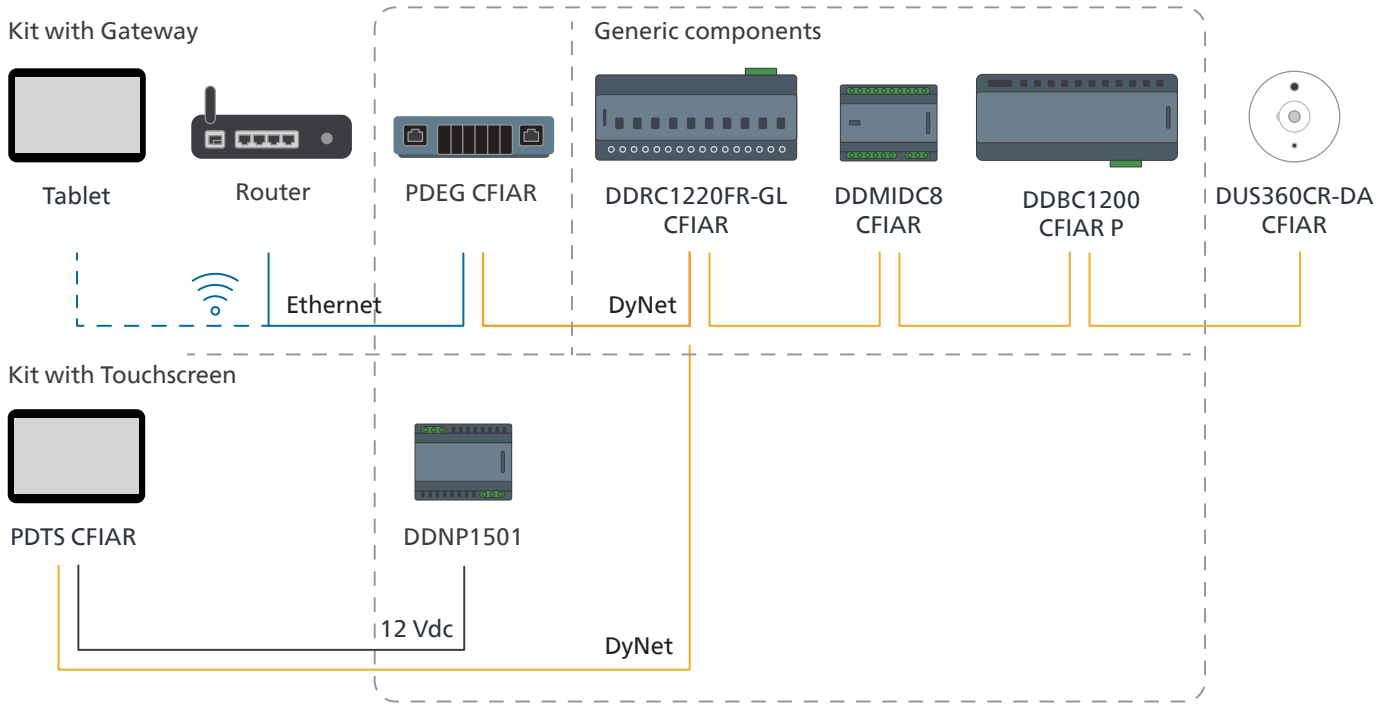
Type number	Description
DDBC1200 CFIAR S CE (12NC: 913703352109)	Secondary signal dimmer controller
DDRC1220FR-GL CFIAR CE (12NC: 913703246509)	Relay controller 12 × 20 A (max. 180 A)
DUS360CR-DA CFIAR (12NC: 913703335109)	Motion sensor (Optional component)

Note

Follow the instructions packed in the box of the additional and optional components for correct installation.

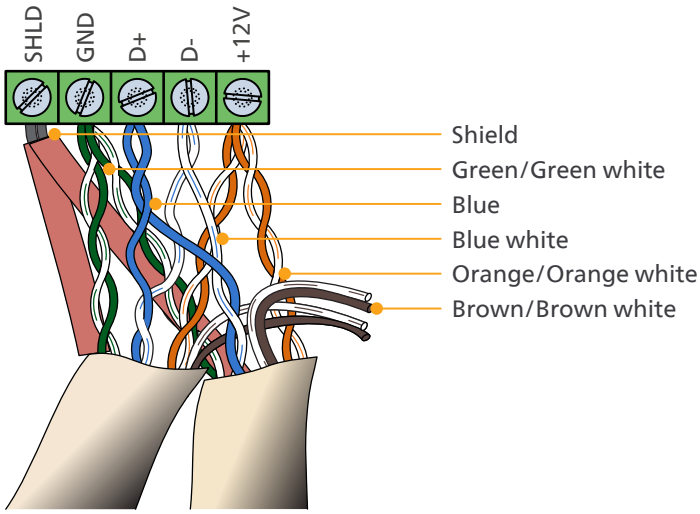
1 Connect the controllers in a network

The controllers are connected in a loop-through configuration via a Dynalite network, as seen in the principle diagram (Full system connection overview) on page 21.



For easy installation use the DyNet color coding.

1. The 5-terminal wiring connection is the same for each controller
2. Use shielded cabling
3. The controllers can be mounted in an existing cabinet if there is room available. Otherwise, they can be mounted in a dedicated cabinet.



1 Connect the controllers in a network

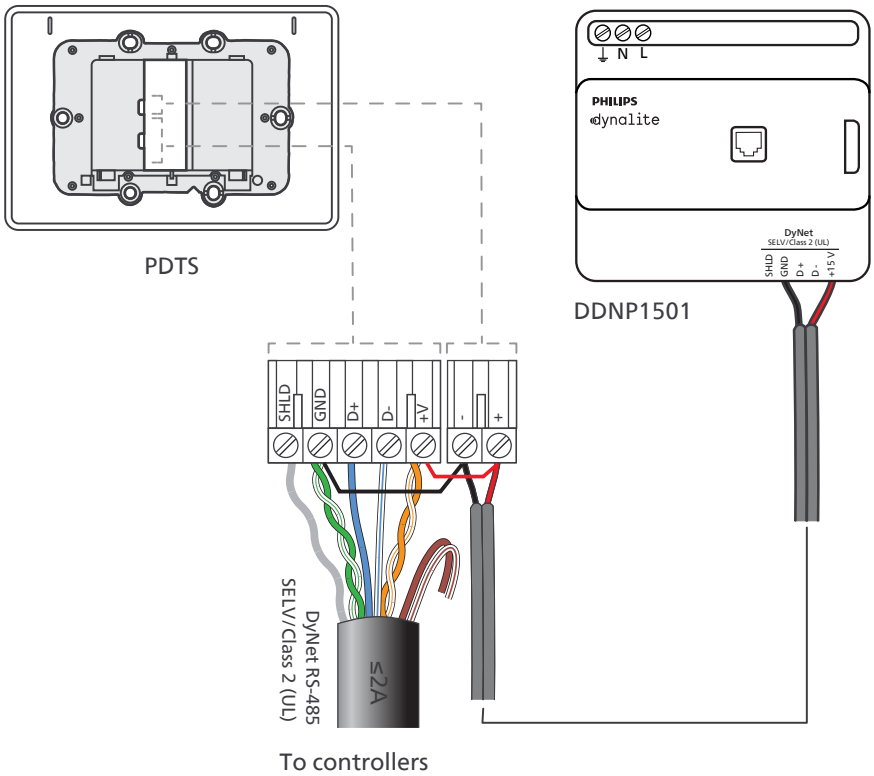
Note

When installing a kit with touchscreen, make sure to connect the power supply to the touchscreen.

Connect the power supply to the touchscreen

1. On the power supply (DDNP1501), connect the wires to the **+12V** and **Gnd** terminals.
2. On the touchscreen (PDTS), connect the wires to the **+** and **-** terminals.
3. On the touchscreen, connect the **+** terminal to the **+V** terminal, and the **-** terminal to the **GND** terminal.
4. On the touchscreen, connect the DyNet cable to the DyNet terminals.

See the image *Connection of power supply to touchscreen*.



Connection of power supply to touchscreen

2 Connect the luminaires to the controllers

On the DDBC1200 CFIAR DALI controller use the channels 1 to 8 for connecting the DALI-luminaires on the Sales floor of the store, the channels 9, 10 and 12 for connecting the luminaires in the Back-of-house and channel 11 to connect Outdoor luminaires.

Each channel of the DDBC1200 CFIAR DALI controller can control up to 80 luminaires, with a maximum of 300 luminaires for the whole controller. They must be powered by a separate power supply in the store which must always beset permanently ON. The channels of the DDBC1200 CFIAR do not power the luminaires.

On the DDRC1220FR-GL CFIAR relay controller, channels 1 to 8 are used for the Sales floor, channels 9 and 10 for the Back-of-house and channels 11 and 12 for the Outdoor areas. Information on which DALI group/zone to connect with can be found in the Project Template (Intake form that is completed upfront).

See Appendix C Wiring Diagram for more details.

- Sales floor luminaires
- Back-of-house luminaires
- Outdoor luminaires

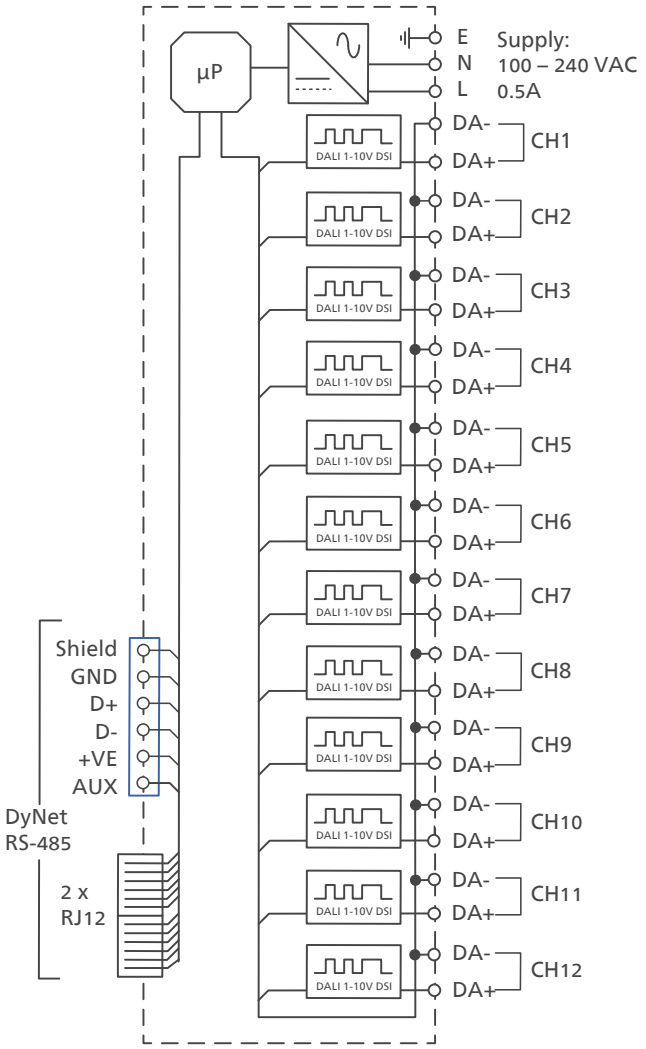
Channel 1 2 3 4 5 6 7 8 9 10 11 12

DDBC1200 CFIAR DALI dimmer controller

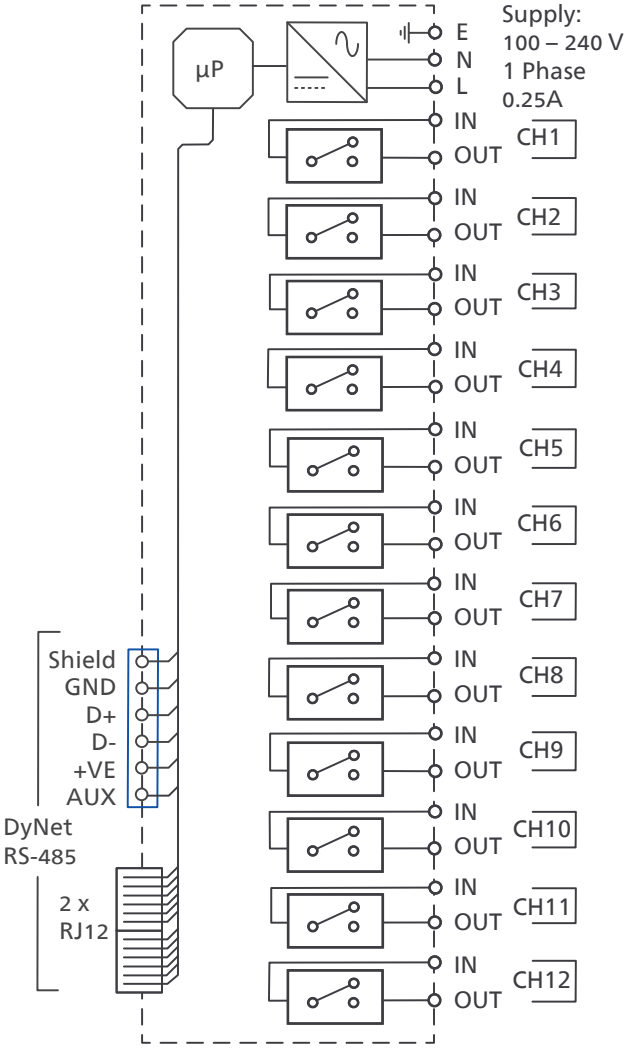
Channel 1 2 3 4 5 6 7 8 9 10 11 12

DDRC1220FR-GL CFIAR relay controller

2 Connect the luminaires to the controllers



DDBC1200 CFIAR DALI dimmer controller



DDRC1220FR-GL CFIAR relay controller

3 Connect the external inputs to the controller

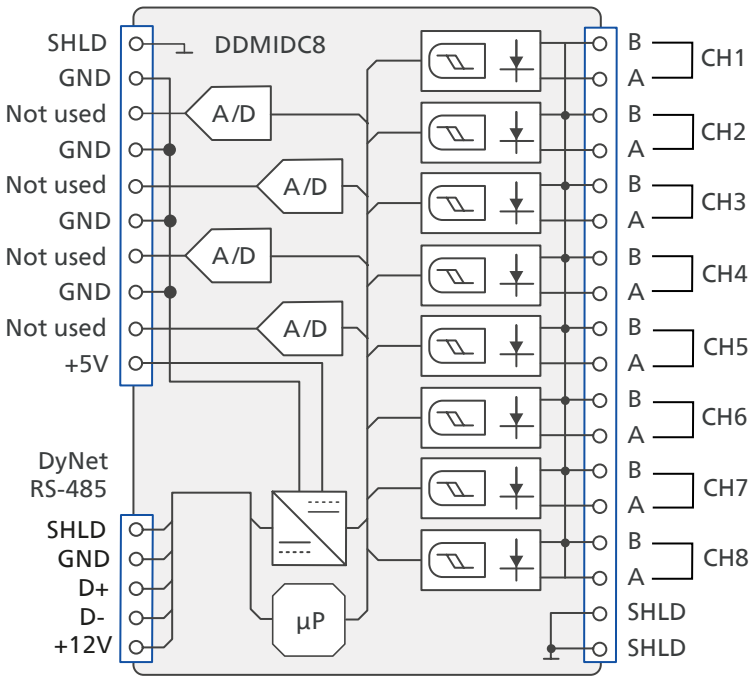
On the DDMIDC8, all inputs are configured as dry contacts to connect external inputs, like third-party switches, key-switches, BMS-systems and alarms to the lighting system.

See Appendix C Wiring Diagram for more details.

- Sales floor luminaires
- Back-of-house luminaires
- Outdoor luminaires
- Panic and alarm
- Sales floor and Back-of-house luminaires

Channel 1 2 3 4 5 6 7 8

DDMIDC8 CFIAR dry contact input controller



4 Connect the (optional) sensor

The sensor is dedicated to control the lighting in the Back-of-house. Therefor it must be assigned to the correct area by the correct setting of the dipswitches 1 to 5:

DUS360CR-DA CFIAR

Dipswitch number	Setting
Dipswitch 1	ON
Dipswitch 2	ON
Dipswitch 3	OFF
Dipswitch 4	OFF
Dipswitch 5	OFF

The time-out of the lighting is configurable by means of dipswitches 6 and 7:

	Dipswitch 7	Dipswitch 6
0.5 minute	OFF	OFF
5 minutes	OFF	ON
15 minutes	ON	OFF
30 minutes	ON	ON

Dipswitch configuration

Note

A time-out of 15 minutes is recommended.

5 Full system connection

Dynalite system Information

Data Cable – Use screened, stranded RS-485 data cable with three twisted pairs. Segregate from mains cables by 300 mm minimum. Connect devices in a 'daisy chain'. A data cable that is connected to an energized device is live. Do not cut or terminate live data cables.

Maximum 100 devices per DyNet cable (sensors, controllers, user panels) and maximum 1000 meters single DyNet cable length when using DyNet-STP-CABLE-LSZH (12NC. 913703898809).
Maximum 10 devices per DyNet cable (sensors, controllers, user panels) and maximum 100 meters single DyNet cable length when DyNet-SFLAT6-CABLE (12NC. 913703095009).

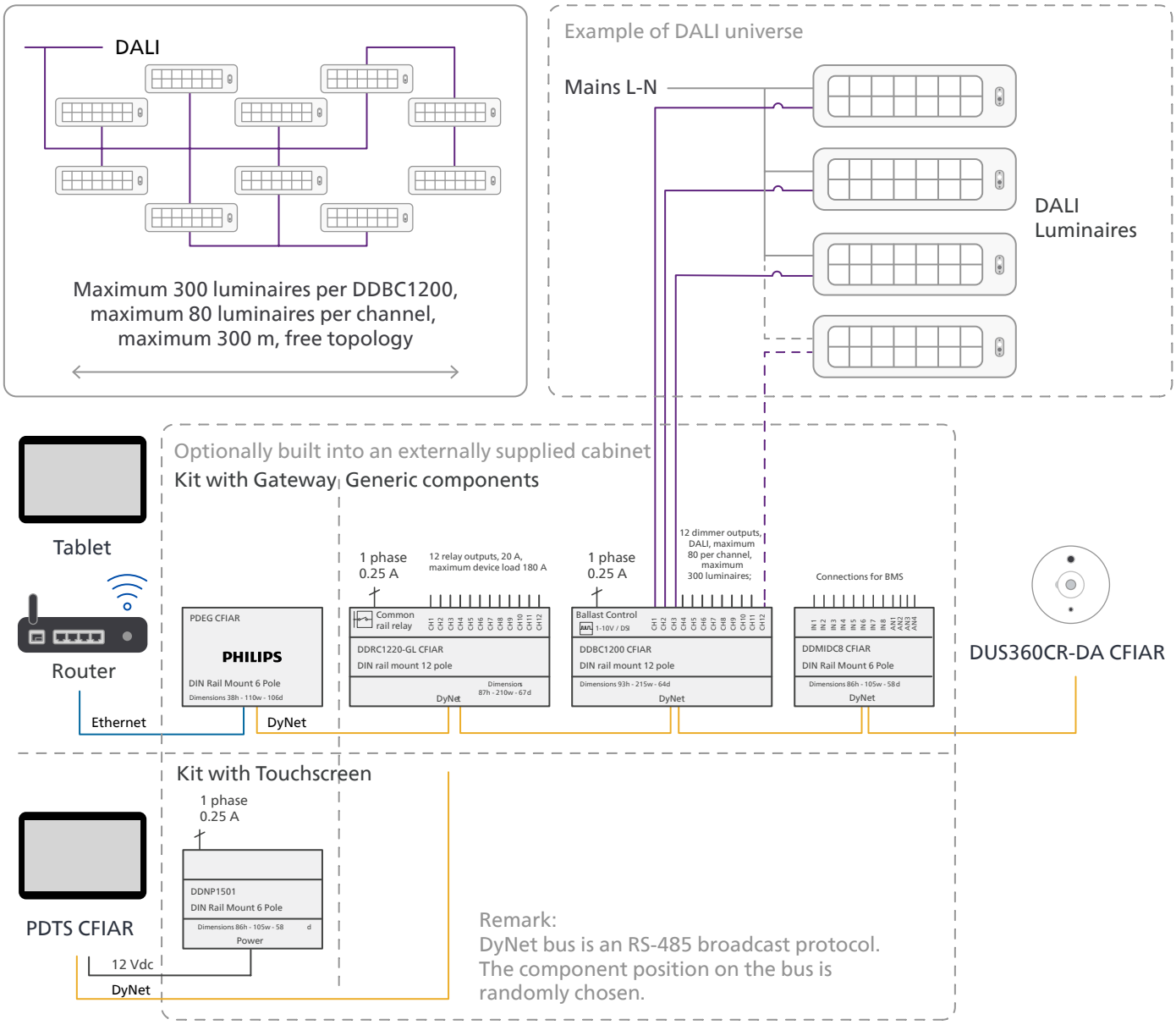
Control devices (for example, sensors) are powered by the data cable (12 V), Controllers supply power to sensors that consume power. Refer to data sheets for all details! Maximum current capacity is 2 A.

The data signal must never be looped.

For more information, see the *Dynalite Hardware Installation Guide* that you can download from the Dynalite website. On the website, go to **Downloads** and select **Technical Notes**.

Note
For the functions of the DDMIDC8, see Appendix C Wiring diagram.

5 Full system connection



6 Test the luminaire installation

The following tests are available to check the integrity of the luminaire installation.

Test 1
Use the service switch on the DALI controller

1. Press the service switch on the front of the DALI controller quickly four times to initialize the DALI ballasts.
2. Make sure to switch all channels to OFF using the 12 manual override buttons on the front panel.
   Press the service switch quickly three times to switch on all channels at 100%. If any of the connected luminaires fails, check the wiring between the luminaire and the controller.

DDBC1200 CFIAR

Test 2
Use the manual overide buttons on the DALI controller

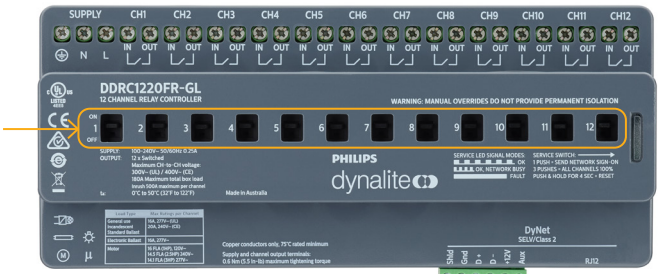
The DALI controller has 12 manual override buttons on the front panel. Press each individual button multiple times to switch the corresponding channel ON or OFF, indicated by the green LED, and check if all luminaires respond as expected. When the channel is ON, all luminaires are switched ON, and when OFF, all luminaires must be OFF too. If any of the checks fails, check the wiring, for example between the luminaire and the controller. When finished with a channel, switch it to OFF.

DDBC1200 CFIAR

6 Test the luminaire installation

Test 3
Use the manual overide buttons on of the RELAY controller

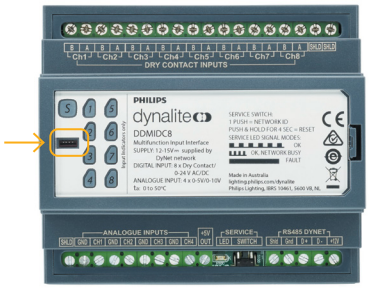
The relay controller has manual override buttons on the front panel for each channel. Switching these to ON, will power all connected luminaires or other devices. If any fails, check the wiring between the luminaire or device and the controller. Press the test button on the right side three times to switch all channels to ON.



DDRC1220FR-GL CFIAR

Test 4
Manually test the connections of the DRY CONTACT controller

Use the connected external devices to test the connections on the DRY CONTACT controller. See Appendix C Wiring diagram for the programmed functionalities of the connections.



DDMIDC8 CFIAR

7 Prepare the installation for handover

As installer, make sure to prepare the installation for handover according to the agreements in the Project template (Intake form).

Important

Install the Signify certificate on the device used to operate the system before changing the settings. Check if the secure connection is established. See Appendix D.

1. Using the Dynalite Store Control UI, login with the Store Manager account to change the settings on the Setting page, see the section Settings page:
   - Language
   - Date and time
   - Location and time zone
   - Format of time notation (12/24-hour format)
   - Selection of first day of the week (select between Sunday/Monday)
2. Create, rename, hide, unhide scenes according to customer requirements in all areas (Sales floor, Back-of-house and Outdoor), for example **Store open**, **Stocking**, **Store closed**. See in chapter *Edit system settings with the interface* the section Scenes. You can also use the default scenes, or only rename default scenes according to the customer requirements.
3. Change the names of the zones in all areas, to match the layout of the store, for example **Bakery**, **Groceries** etcetera. See in chapter *Edit system settings with the interface* the section Scenes.
4. Change the settings of the zones in all areas (On/Off, dim level). See in chapter *Edit system settings with the interface* the section Scenes.
5. Create schedules in all areas, for example **Weekday**, **Weekend** and **Holiday**. See in chapter *Edit system settings with the interface* the section Schedules. You can also use the **Default** schedule.

Note

When using the default schedule, it is not possible to change the name of the schedule.

6. Apply **Scenes** to the schedules to apply the light settings following the schedule. See in chapter *Edit system settings with the interface* the section Schedules.
7. In the calendar, apply the correct schedule to the correct day of the week, for example **Weekday** for Monday, Tuesday etcetera. In case of exceptions, apply the correct schedule to that specific date, for example Holiday for New Year's Day (January first). See in chapter *Edit system settings with the interface* the section Schedules.
8. Perform a system test. See Appendix B - Test instructions.

Specific setting for the outdoor area
The scenes in the outdoor area all show the function **All off during daytime**. This means that the lights in this area switch off after sunrise.

The function follows the rhythm of the seasons. This means that during summer, the lights switch off early, even before the store opens, and switch on late, after closing time of the store. During this period, the lights will probably function at a dimmed light level only. In the winter however, the lights are on all night at a dimmed light level. At a set time, well in advance of the opening time of the store, they switch to a higher light level before switching off during daytime. In the afternoon, the lights switch on to the higher light level again and remain at this level after closing time, and at a set time switch to a dimmed light level.

1. On the **Home** screen, select the **Outdoor** area.
2. In the **Menu**, select **Scenes**.
3. Select each scene and enable the function. See in chapter *Edit system settings with the interface* the section Scenes for outdoor areas.

7 Prepare the installation for handover

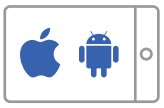
7.1 General usage of the interface

This section shows the usage of the user interface for both the store owner/manager and staff.

The instructions in this document are generic for all system variants, except when explicitly indicated:

Connect to the system
Use the Dynalite Store Control UI to control the system.

- **When using a tablet:**
  Open a web browser (Chrome or Safari) and type the IP address 192.168.1.50 to connect to the system. The login-screen shows.



- **When using a touchscreen:**
  Touch the screen to activate, the login screen shows.

7.1.1 Interface with Schedules enabled

Note

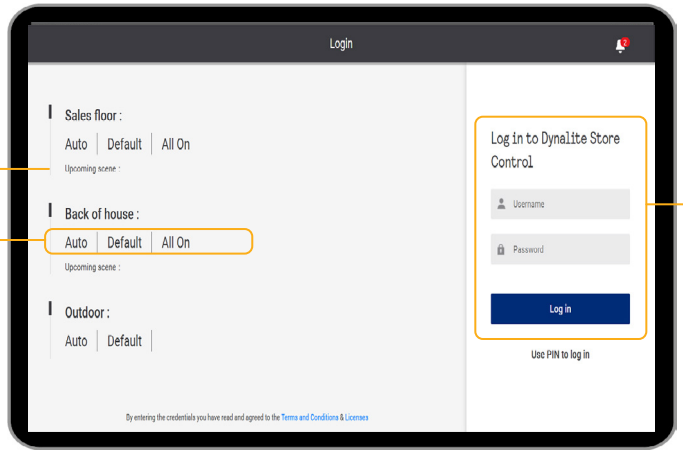
The interface with schedules appears in case on the Settings page the Schedule Disable function is switched to OFF. The inbuilt time clock of the gateway or touchscreen will make sure that the schedules are activated on time.

7 Prepare the installation for handover

First-time login with a tablet

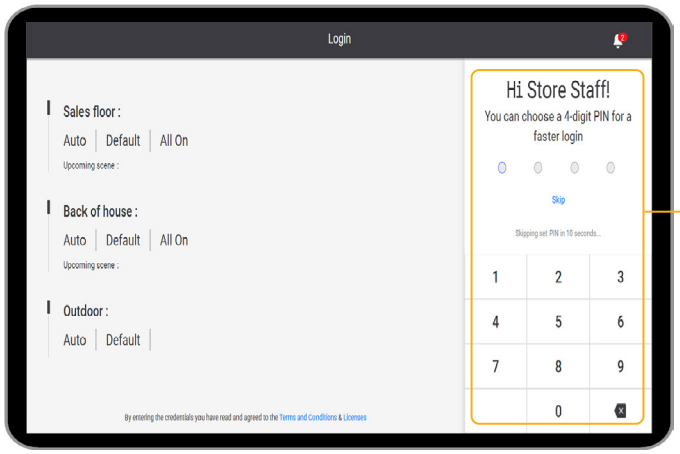
Upcoming scene and start time

Auto
System mode: Auto/Override
Default
Currently running schedule
All On
Currently running scene



Enter the username and password:
- *Store Staff*
- *19#cd$8614*

Create PIN/Login with PIN



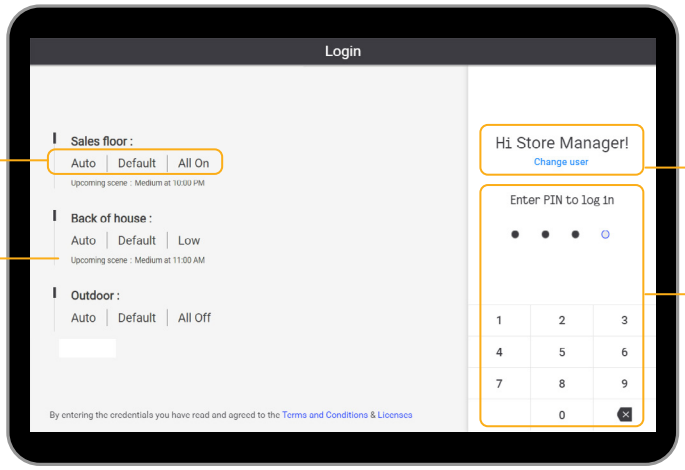
When logging in for the first time: Set a four-digit PIN for faster login.

The next time you login, you are presented a login-screen where you can enter the PIN.

Login with the touchscreen

Auto
System mode: Auto/Override
Default
Currently running schedule
All On
Currently running scene

Upcoming scene and start time



Selected user profile. Tap **Change user** to select the correct profile.

Use the keypad to enter the correct PIN for the Store Staff: **1234**

7 Prepare the installation for handover

Home page (Auto mode)

Automatic schedule is activated

Current mode

Current scene

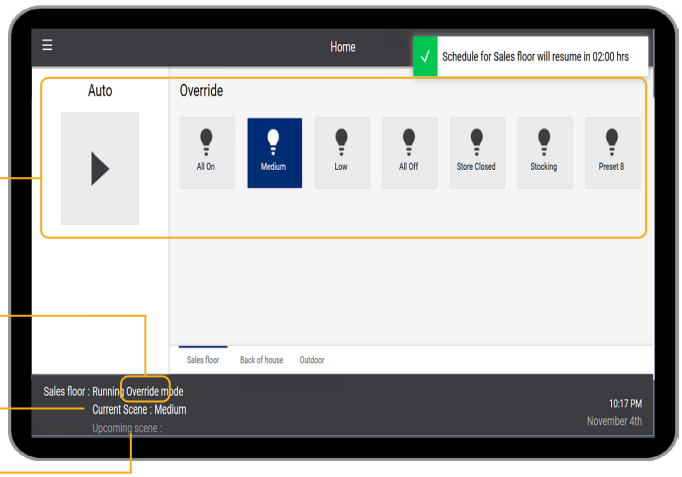
Upcoming scene and start time

Supported areas

Current schedule

Home page (Override mode)

Tap a **Scene** to override the automatic schedule for two hours.
Tap **Auto** to switch back all zones to the automatic schedule.



Current mode

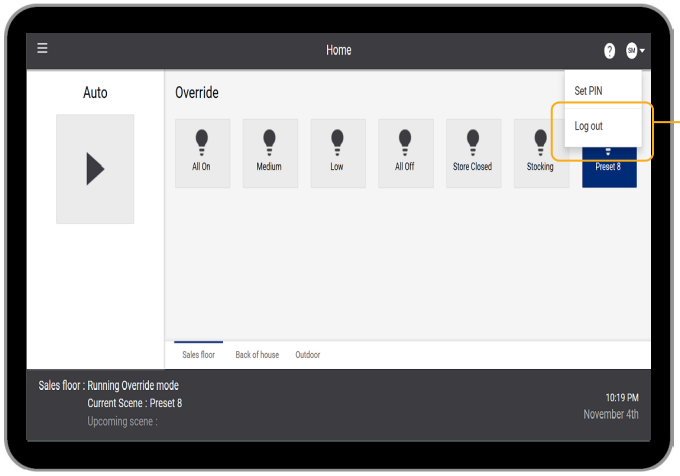
Current scene

Upcoming scene and start time.

Note

When you select the scene that should currently run in the automatic schedule, the zone returns to the automatic schedule. Other zones in manual override remain in that status.

Logout



Tap on the user and tap **Logout**.

7 Prepare the installation for handover

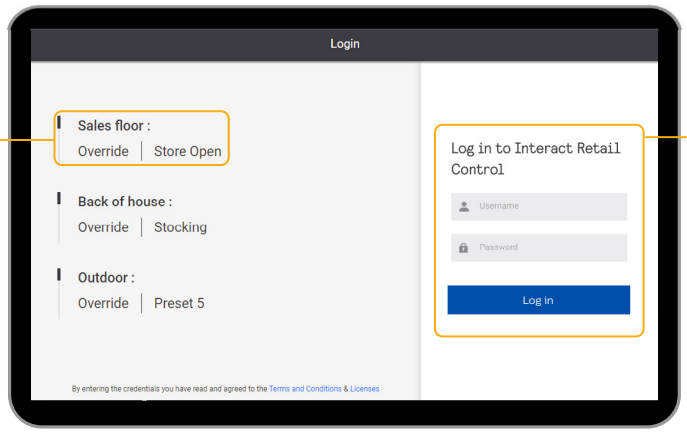
7.1.2 Interface with Schedules disabled

Note

The interface without schedules appears in case on the *Settings* page the **Schedule Disable** function is switched to ON. This is especially the case when the lighting system is connected to a BMS.

First-time login using a tablet

Override
System mode
Store Open
Currently running scene

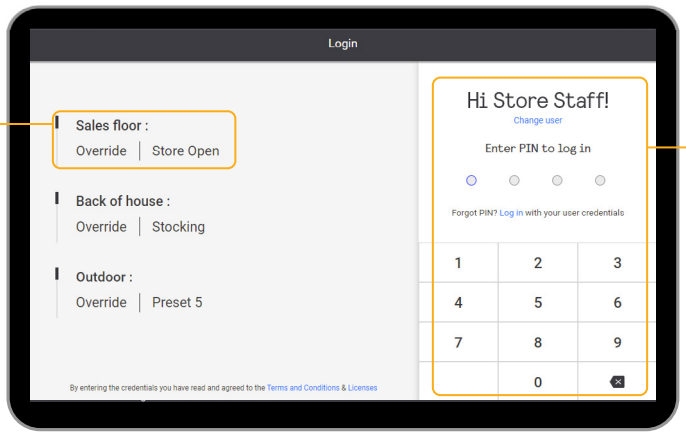


Enter the username and password:

- *Store Staff*
- *19#cd$8614*

Create PIN/Login with PIN using a tablet

Override
System mode
Store Open
Currently running scene



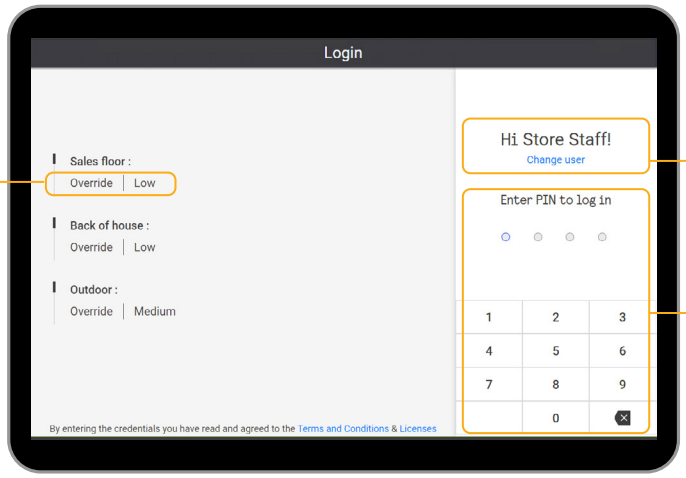
When logging in for the first time: Set a four-digit PIN for faster login.

The next time you login, you are presented a login-screen where you can enter the PIN.

7 Prepare the installation for handover

Login with the touchscreen

Override
System mode
Store Open
Currently running scene



PDTS

Selected user profile. Tap **Change user** to select the correct profile.

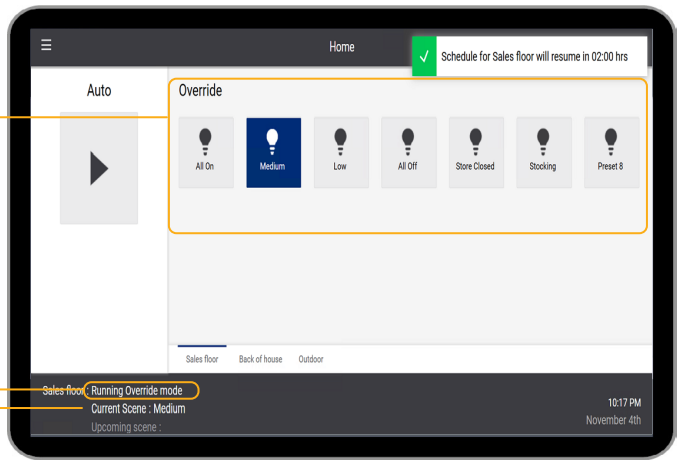
Use the keypad to enter the correct PIN for the Store Staff: **1234**

Home page

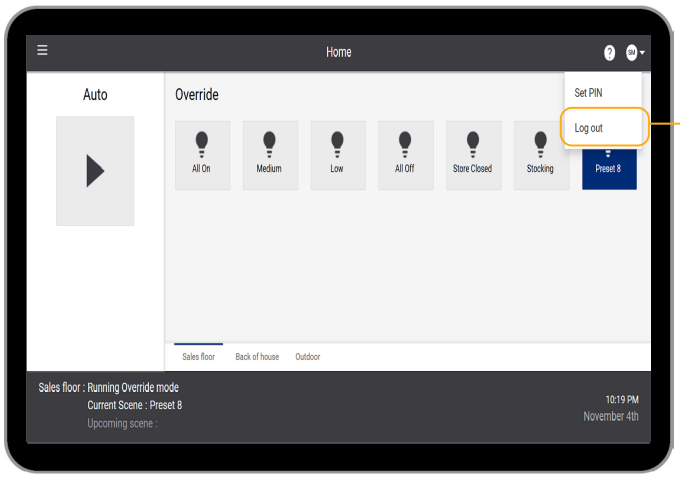
Tap a Scene to switch to the the corresponding light settings.

Running override mode

Current scene



Logout



Tap on the user and tap **Logout**.

7 Prepare the installation for handover

7.2 Edit system settings with the interface

This section shows the usage of the settings pages of the user interface.

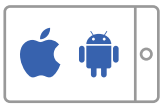
Note

These pages are available for the Store Manager only.

Connect to the system

Use the Dynalite Store Control UI to control the system.

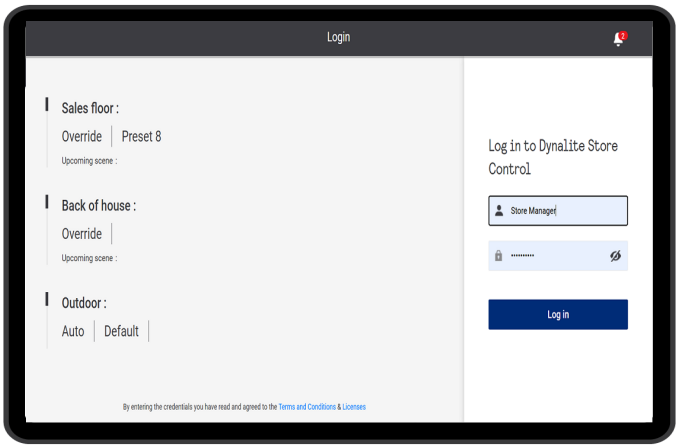
- **When using a tablet:**
  Open a web browser (Chrome or Safari) and type the IP address 192.168.1.50 to connect to the system. The login-screen shows.



- **When using a touchscreen:**
  Touch the screen to activate, the login screen shows.

7 Prepare the installation for handover

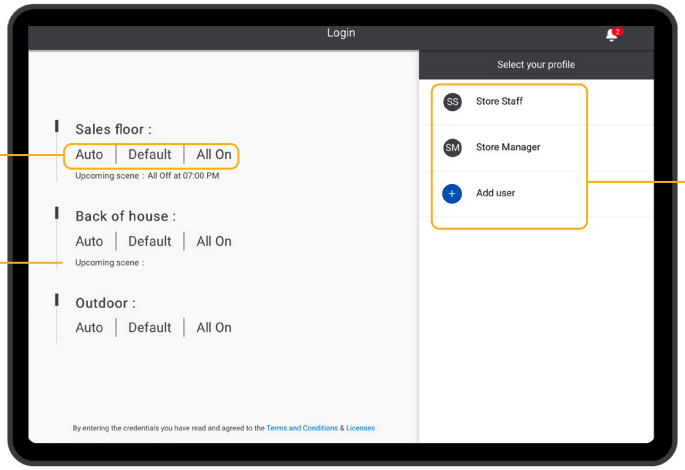
Login using a tablet



Enter the username and password:

- *Store Manager*
- *ac4$65a#23*

When logging in for the first time, set a four-digit PIN for faster login.



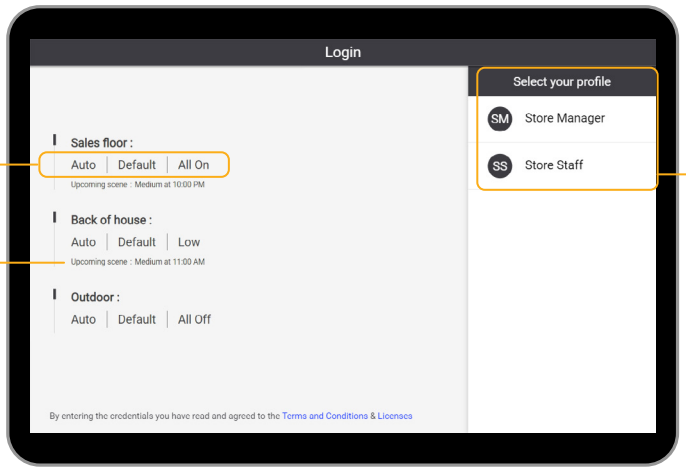
Auto
System mode: Auto/Override
Default
Currently running schedule
All On
Currently running scene

Upcoming scene and start time.

Selected user profile. Tap **Change user** to select the correct profile.

Use the keypad on-screen to enter the correct PIN.

Login using the touchscreen



Auto
System mode: Auto/Override
Default
Currently running schedule
All On
Currently running scene

Upcoming scene and start time.

Selected user profile. Tap **Change user** to select the correct profile.

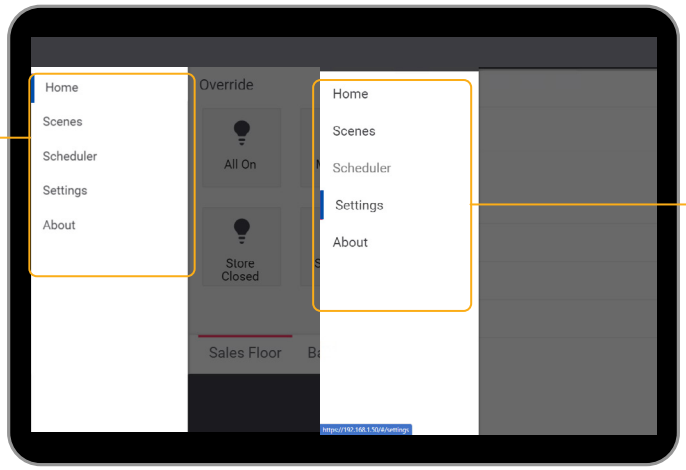
Use the keypad to enter the correct PIN for the Store Manager: **6178**

7 Prepare the installation for handover

Menu

Tap the Menu button (☰) and select the page to edit.

Tablet has the Status option in the menu that doesn't appear on the PDTS.



Tap the **Menu** button (☰) and select the page to edit (Schedules disabled).

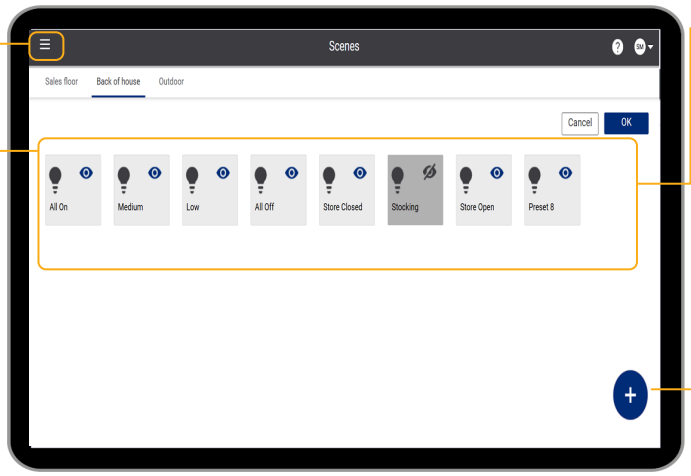
Scenes

Tap the **Menu** button and select **Scenes**.

Tap the **Eye**-icon (👁/🚫) to hide (or unhide) a scene to show up on the **Home** screen

Note

Scenes that are hidden are not visible when logged in as Store Staff.



Tap a **Scene** to edit the settings. Tap **OK** to confirm or tap **Cancel**.

or

Tap the **+** to add a new scene

Note

You can add up to 20 scenes in the Sales floor area.

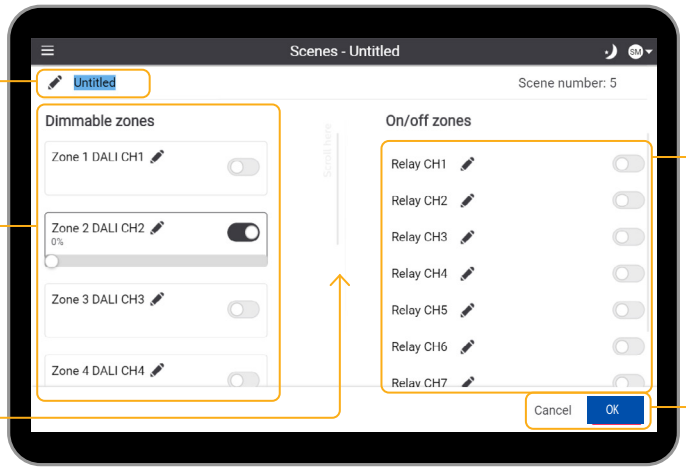
7 Prepare the installation for handover

Add Scene / Edit Scene

Tap the **Pencil**-icon (✎) to edit the names of the Scene or Zones

Tap the **Toggle** to switch zones on/off.
Use the **Dim**-slider to change the dimming level.

Swipe for vertical scroll (if applicable).

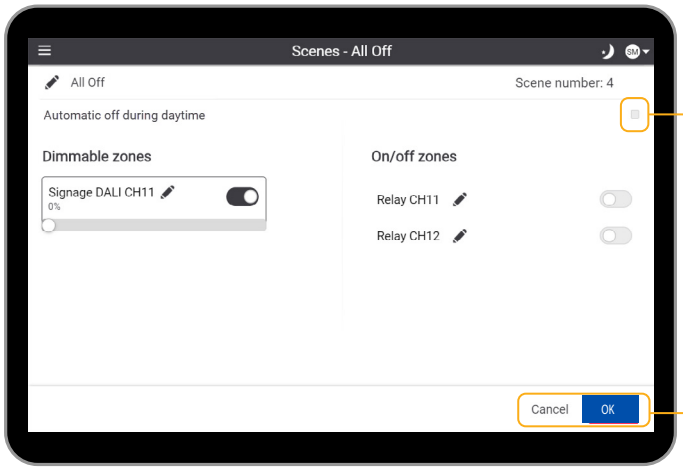


Tap the **Toggle** to switch switchable zones on/off

Tap **OK** to confirm or tap **Cancel.**

Scenes for outdoor areas

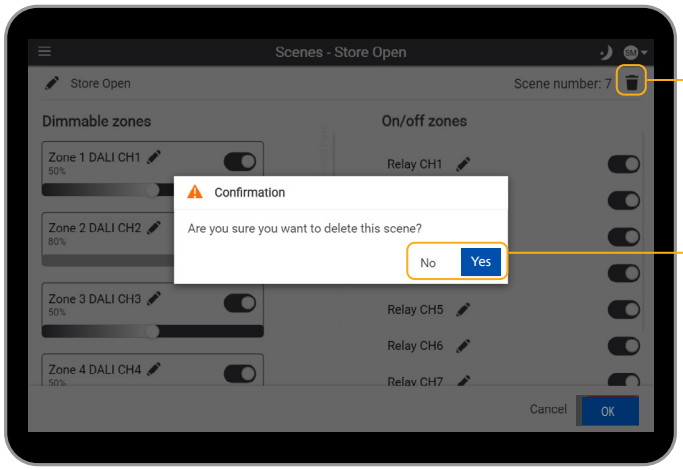
All scenes used in outdoor areas show the option to switch off the light during daytime.



Select the check box to enable the feature to switch off the outdoor lighting during daytime.

Tap **OK** to confirm.

Delete scene



Tap the **Bin**-icon (🗑) to delete the scene.

Tap **Yes** to confirm or **No** to cancel.

Note

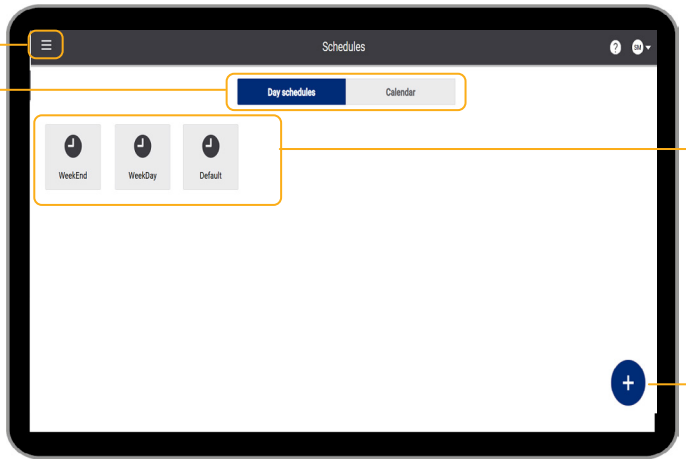
You can't delete default scenes; the **Bin**-icon is not shown.

7 Prepare the installation for handover

Schedules

Tap the **Menu** button and select **Scheduler**.

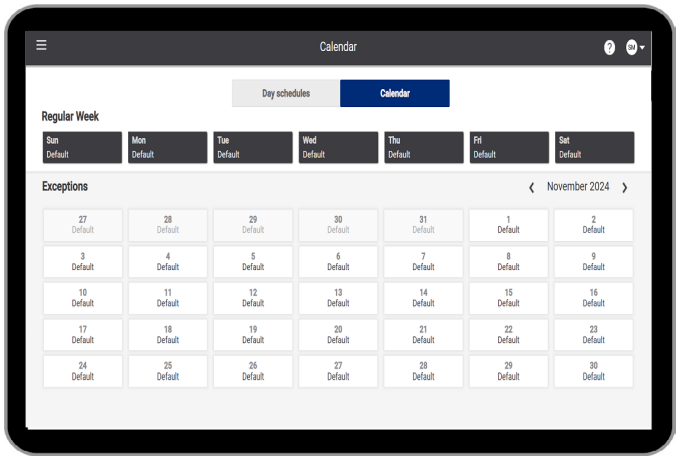
Toggle between **Day schedules** and **Calendar view**.



Tap a **Schedule** to edit the settings.

Or

Tap the **+** to add a new schedule.



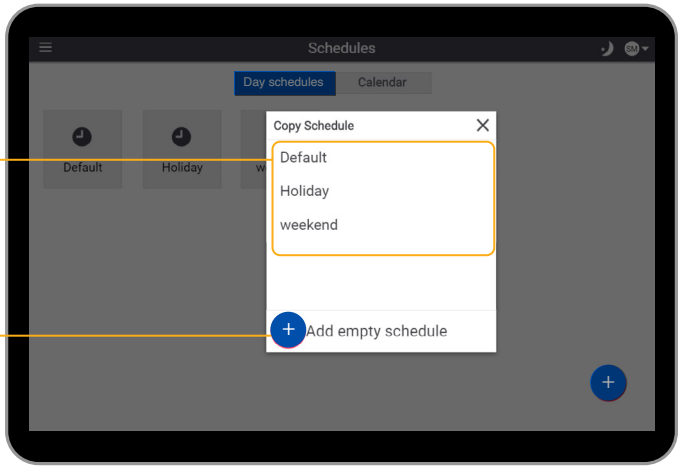
7 Prepare the installation for handover

Add Schedule

Tap an existing **Schedule** to copy its settings.

Or:

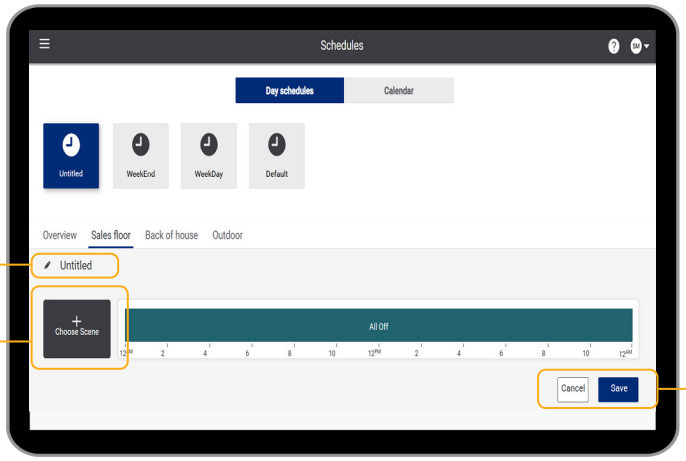
Tap the **+** to start with an empty schedule.



Tap an existing **Schedule** to copy its settings.

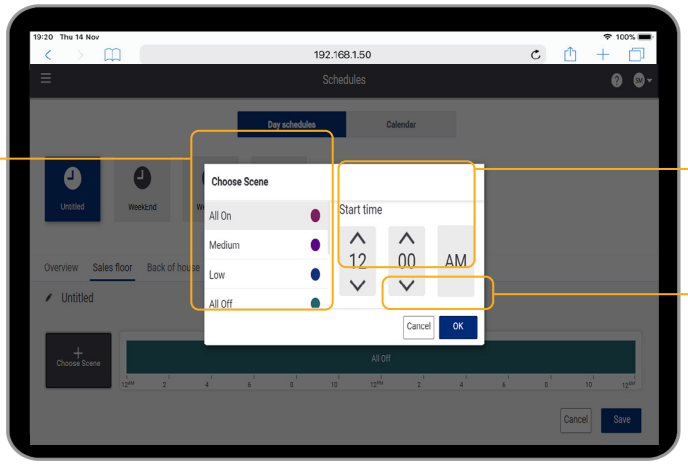
Or:

Tap the **+** to start with an empty schedule.



Tap **Save** to confirm or tap **Cancel.**

Select the scene to be applied on the schedule.

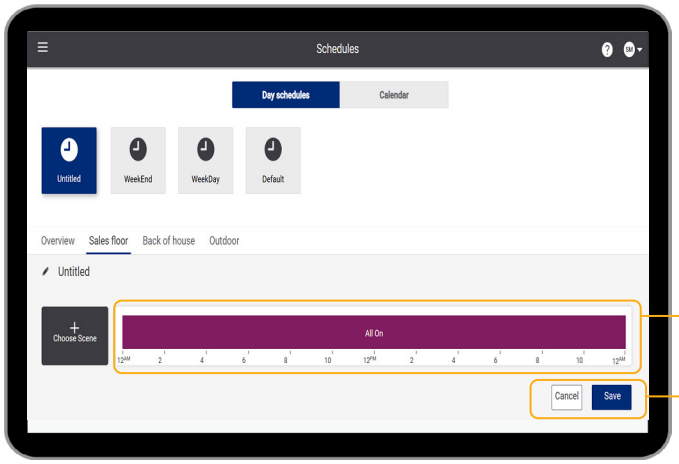


Select the start time for the scene. The previous scene ends automatically.

Tap **OK** to confirm or tap **Cancel.**

7 Prepare the installation for handover

Edit schedule

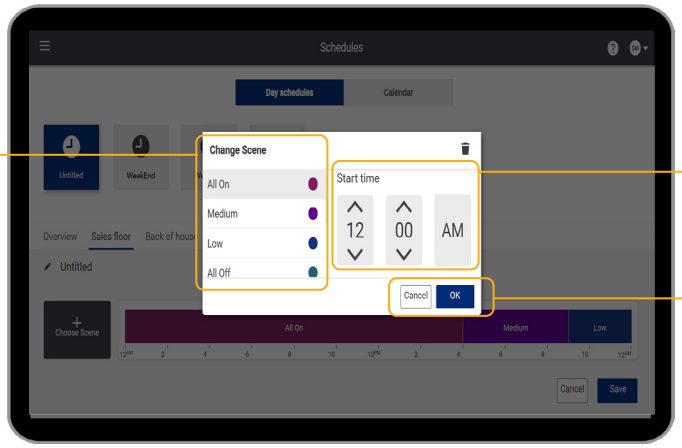


Note
You can't rename or delete the default schedule. However, it's possible to edit the behavior of this schedule.

Tap to set the scene.

Tap **Save** to confirm or tap **Cancel.**

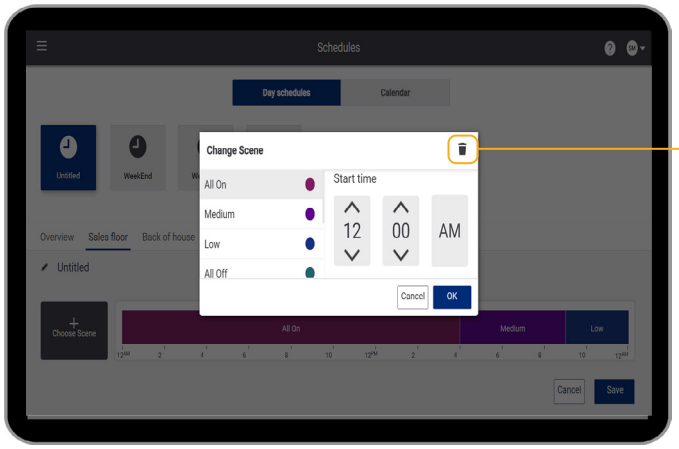
Select the scene to be applied on the schedule.



Select the start time for the scene. The previous scene ends automatically.

Tap **OK** to confirm or tap **Cancel.**

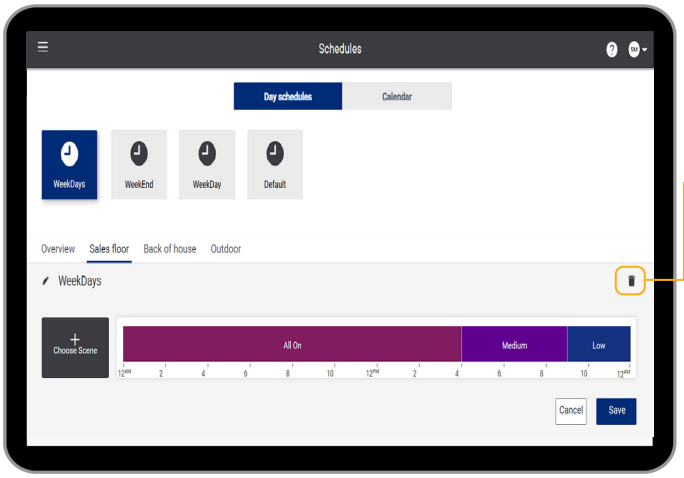
Delete scene from schedule



Tap the **Bin**-icon ( ) to delete the scene from the schedule.
Tap **Yes** to confirm or **No** to cancel.

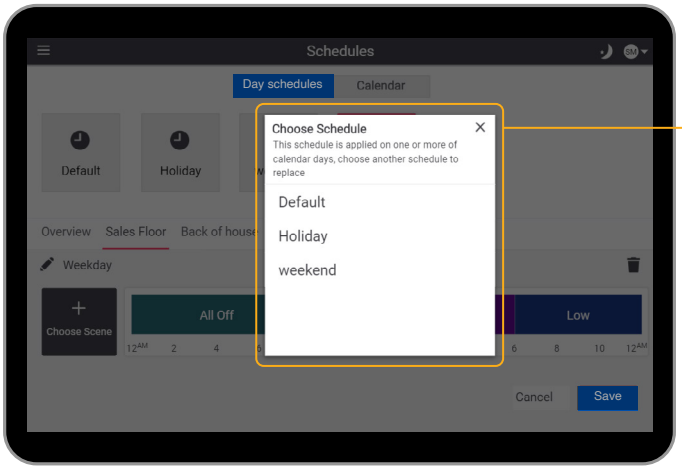
7 Prepare the installation for handover

Delete schedule



Tap the **Bin**-icon ( ) to delete the schedule.
Tap **Yes** to confirm or **No** to cancel.

Note
You can't delete the default schedule; the **Bin**-icon is not shown.

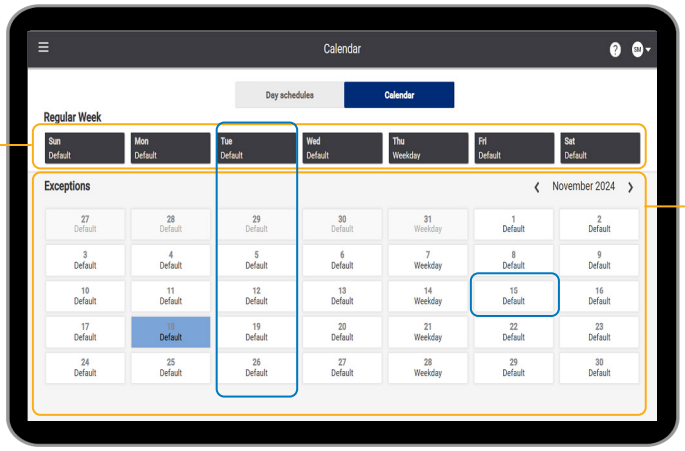


When deleting a schedule that is applied, select another schedule to replace the deleted.

7 Prepare the installation for handover

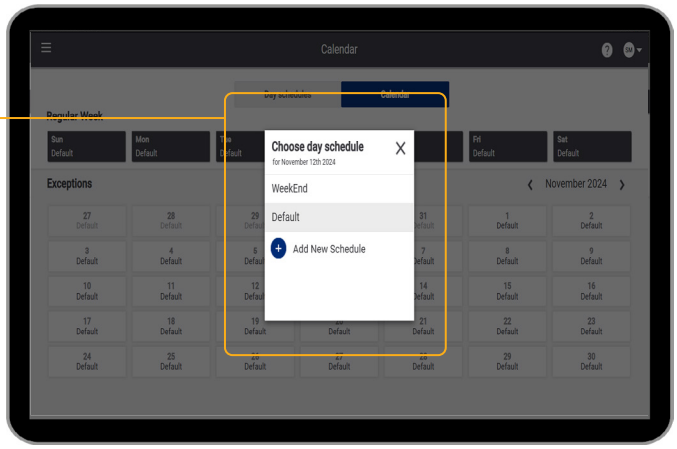
Apply schedules

Tap a day of the week and select a schedule. This schedule is applied on all the same days.



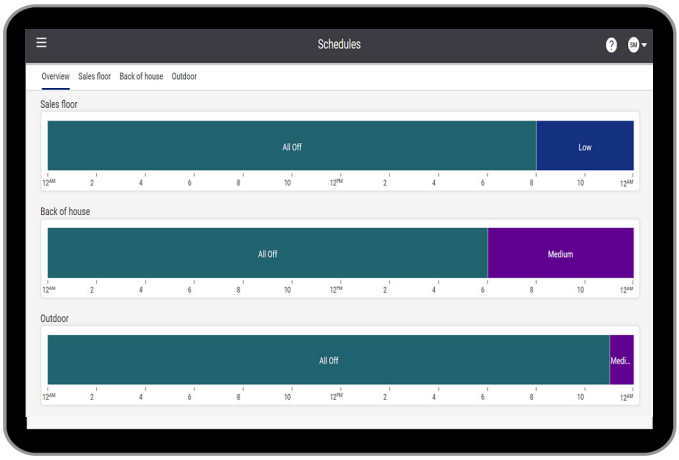
Tap a specific date and select a schedule. This schedule is applied only on that date. Use this function when the opening hours differ from the schedule on that day, for example when the date is a bank holiday and requires different opening hours.

Select the schedule to apply.



Schedule overview

Tap **Overview** to show an overview of the schedules per zone.



7 Prepare the installation for handover

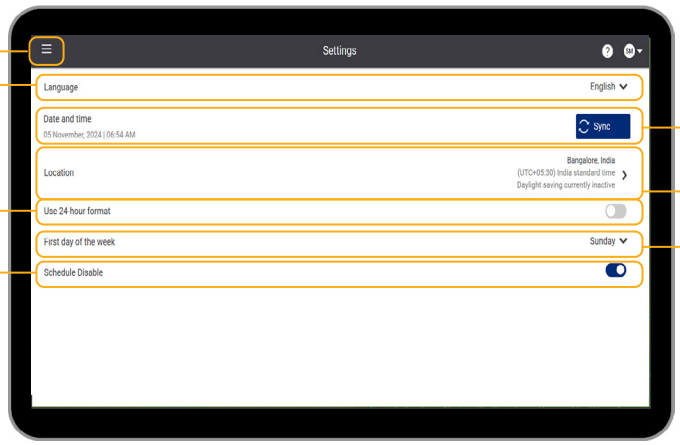
Settings page using a tablet

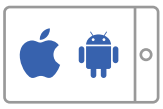
Tap the **Menu** button and select **Settings**.

Tap to set the language.

Toggle between 12/24 hour format.

When the system is connected to a BMS, switch on the Schedule Disable function, as this is taken over by the BMS.





Synchronize the date and time.

Select the location and time zone.

Select the first day of the week that will see in the Calendar view of the Scheduler.

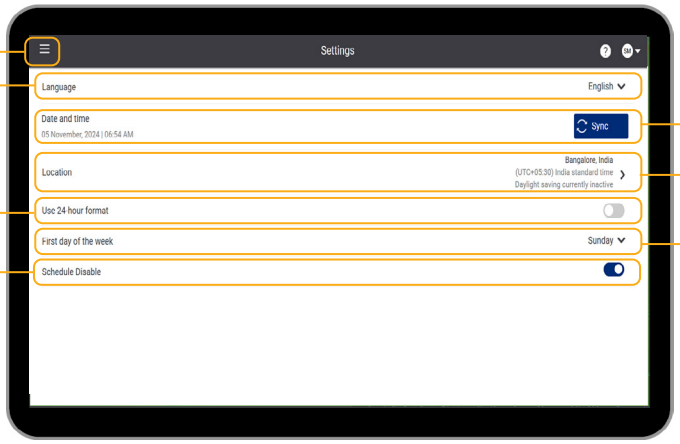
Settings page using the touchscreen

Tap the **Menu** button and select **Settings**.

Tap to set the language.

Toggle between 12/24 hour format.

When the system is connected to a BMS, switch on the Schedule Disable function, as this is taken over by the BMS.



Set the date and time.

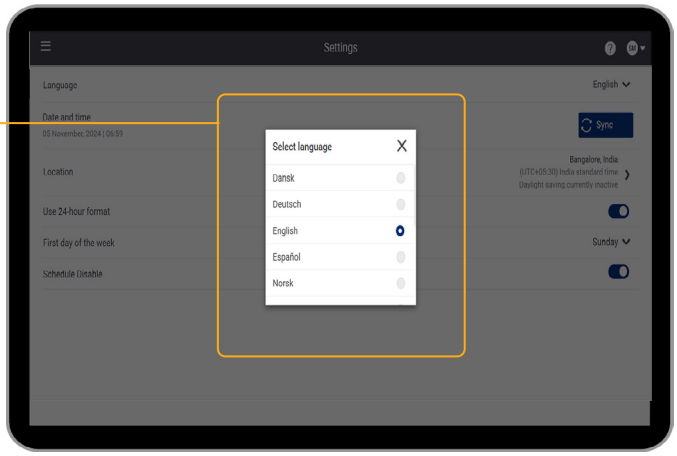
Select the location and time zone.

Select the first day of the week that will see in the Calendar view of the Scheduler.

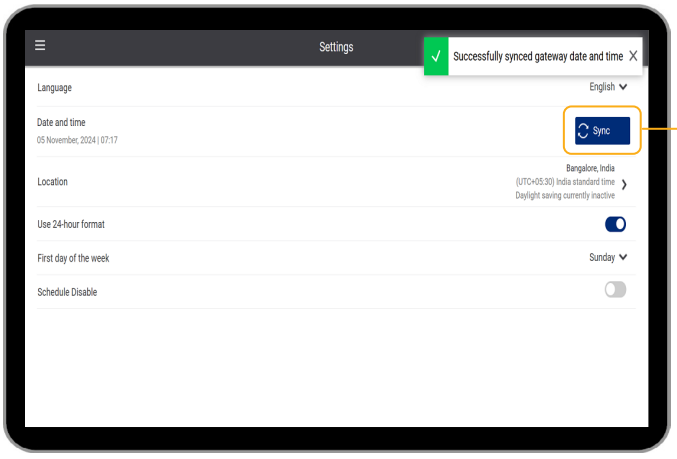
7 Prepare the installation for handover

Set the language

Select a language from the list.



Synchronize date and time



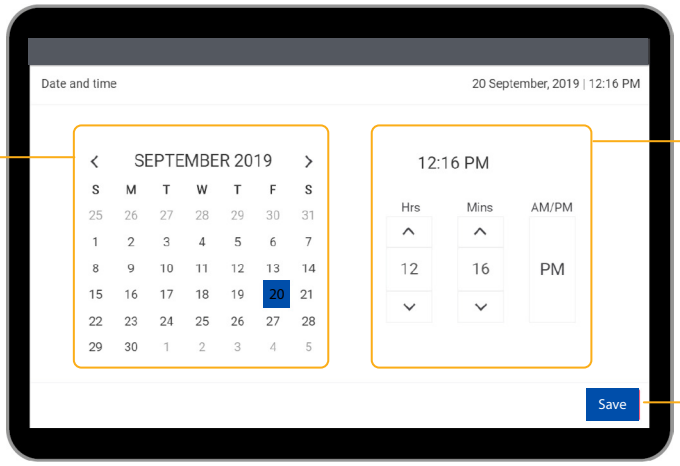
Tap **Sync** to synchronize the date and time of the lighting system the tablet.

Note

A time change is reflected immediately in the light output according to the schedule that matches with the new time.

Set the date and time

Select the correct date.



Set the correct time.

Note

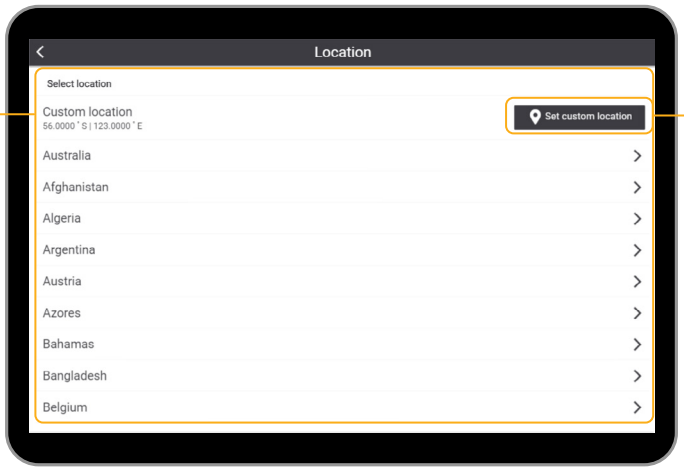
A time change is reflected immediately in the light output according to the schedule that matches with the new time.

Tap **Save** to confirm.

7 Prepare the installation for handover

Set a location

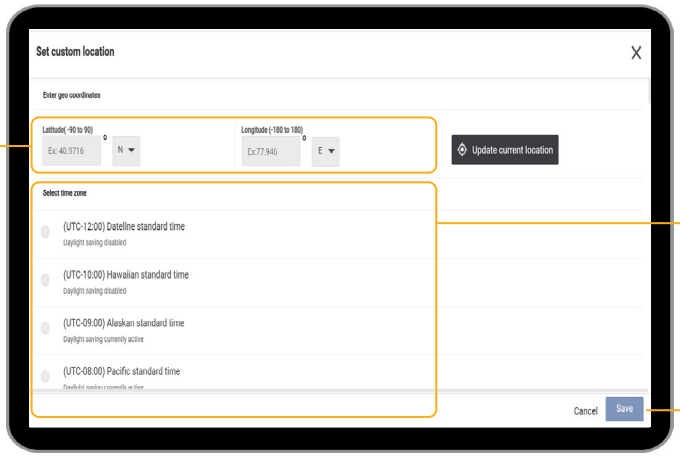
Select a Country and a City from the list.



Or: tap **Set custom location** in case your location is not in the list

Set a custom location

Enter the coordinates (**Latitude** and **Longitude**) of your location.

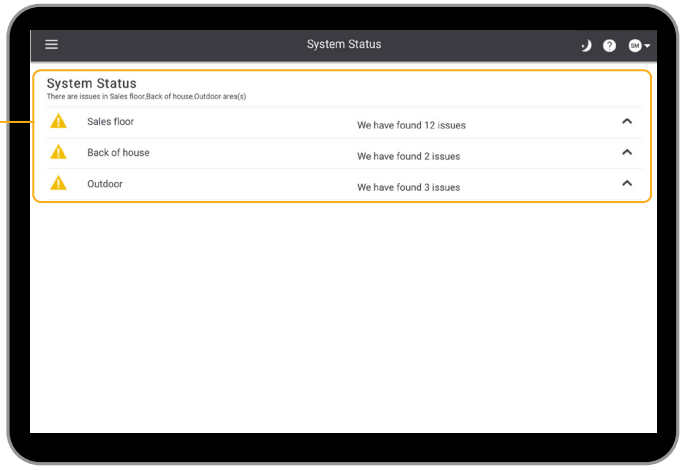


Select the correct time zone you're in, to make sure daylight saving is applied automatically.

Tap **Save** to confirm or tap **Cancel.**

System status page

This page shows errors in the system, clearly grouped per area.



7 Prepare the installation for handover

7.3 Configure sensor for back-of-house

This section shows the necessary steps to create and configure the occupied scene and unoccupied scene for use with the optional sensor. The Occupied scene (scene 8) must be configured representing the state where the sensor detects motion. The Unccupied scene (scene 9) represents the state where the sensor detects no motion.

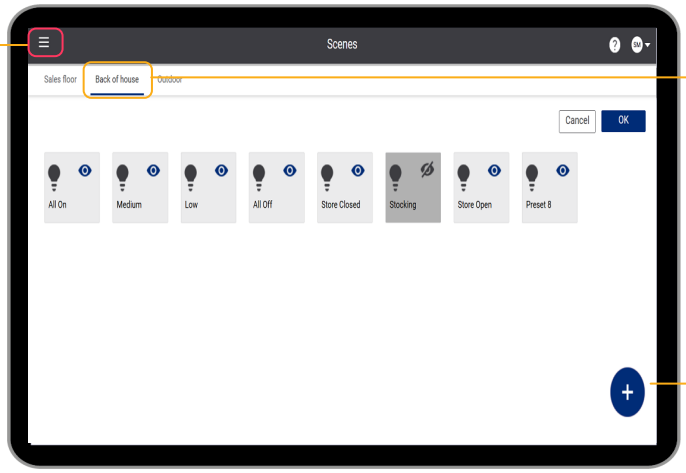
Note

These steps can only be performed when logged in as Store Manager.

Create Scene

Use the PIN-code for the **Store Manager** to login to the app.

Tap the **Menu** button and select **Scenes**.



Select the tab **Back of house**.

Tap **+** to add a new scene.

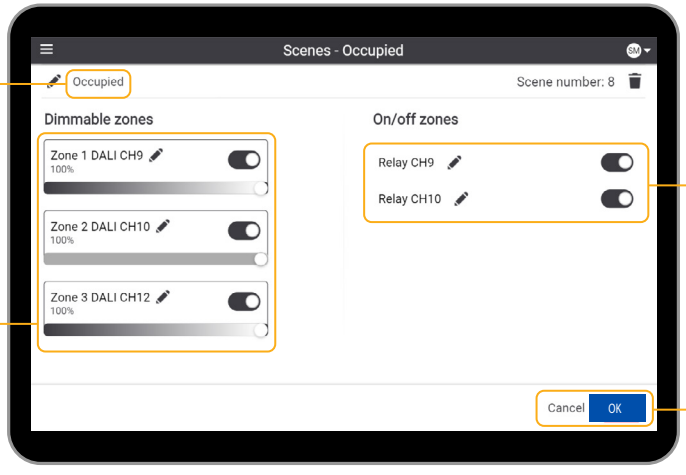
Configure Scene 8 as Occupied scene (motion detected)

Give the scene the name **Occupied**.

Important

Make sure that the added scene has **Scene number: 8**

Tap the **Toggle** to set the Dimmable zones to **ON**; use the **Dim**-slider to set the desired light level.



Tap the **Toggle** to set the On/off zones to **ON**.

Tap **OK** to confirm.

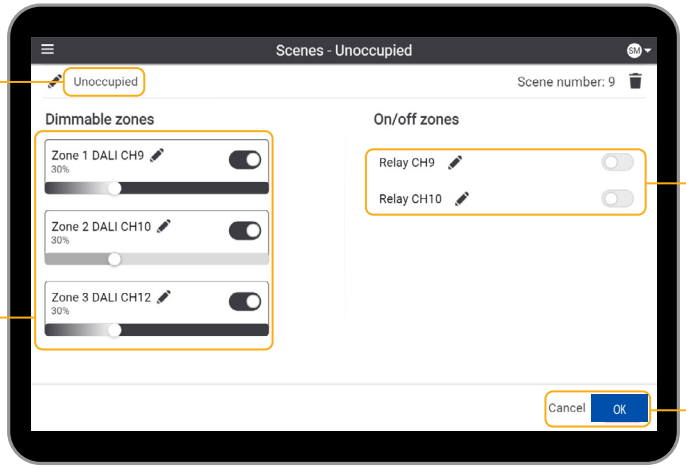
7 Prepare the installation for handover

Configure Scene 9 as Unoccupied scene (no motion detected)

Add another new scene
Give the scene the name **Unoccupied**.

Important
Make sure that the added scene has **Scene number: 9**

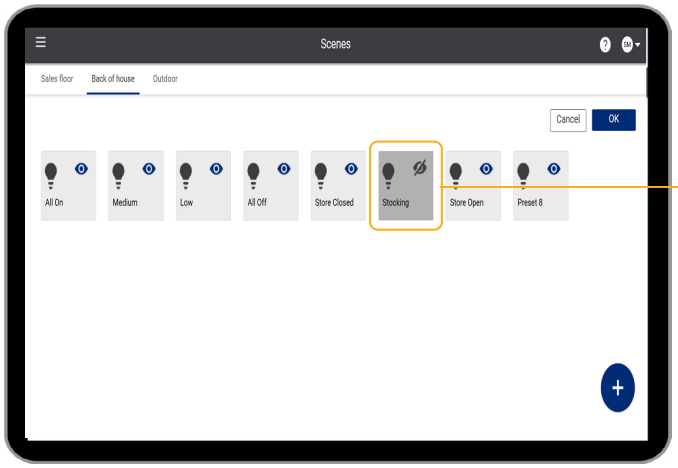
Tap the **Toggle** to set the Dimmable zones to **ON**; use the **Dim**-slider slider to define the light level of the while Back-of-house is in unoccupied state.



Tap the **Toggle** to set the On/off zones to **OFF.**

Tap **OK** to confirm.

Hide Occupied and Unoccupied Scene



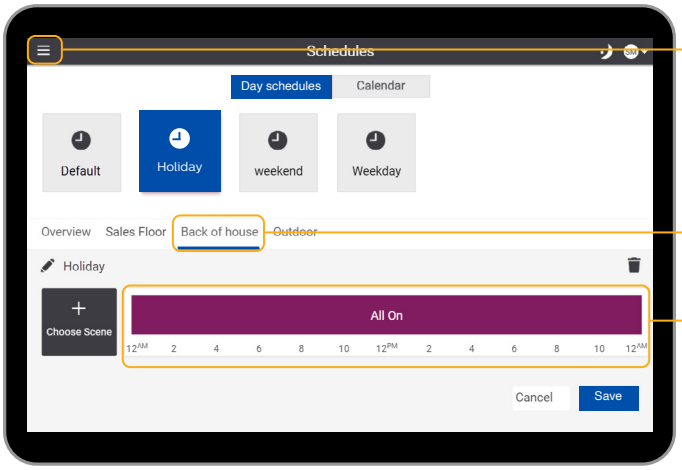
Tap the **Eye**-icon to hide the scenes for the Store Staff.

Note
In case no sensor is used, you can configure Scene 8 and 9 as standard additional scenes in the Back-of-house area according to customer requirements. In this case, it's not necessary to hide the scenes for the Store Staff.

7 Prepare the installation for handover

Note

When adding the sensor for continuous Back-of-house usage, make sure to edit all schedules of the area Back-of-house according to the following configuration.

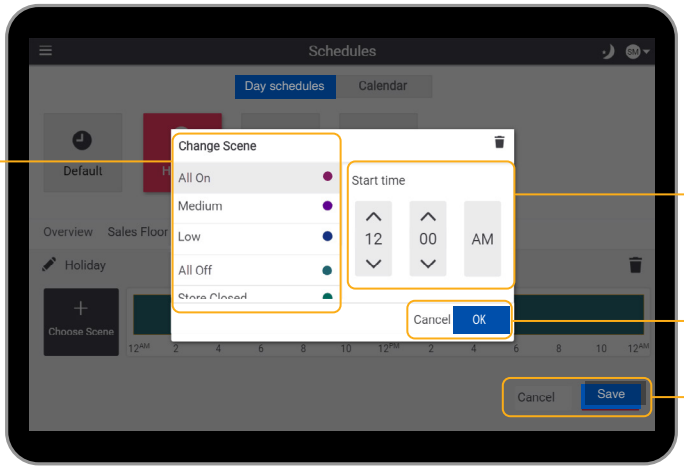


Tap the **Menu** button and select **Scheduler**.

Select **Back of house**.

Tap to change the Scene applied to the Schedule.

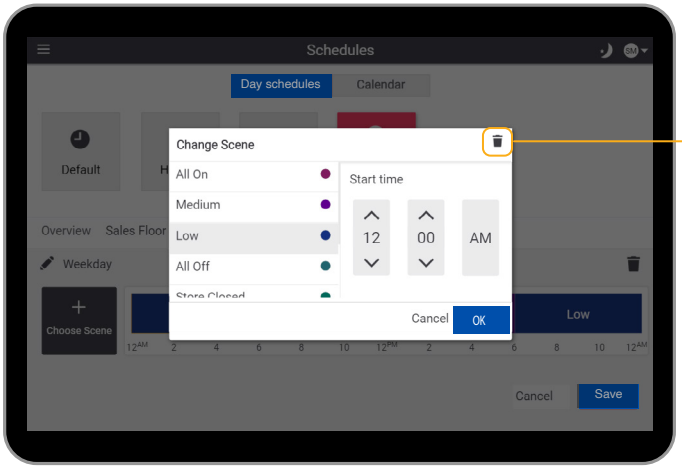
Select the scene **Unoccupied** from the list.



Set the Start time to **12:00 AM**, or **0:00** in 24 hour format.

Tap **OK** to confirm.

Tap **Save**.



When applicable, delete other Scenes from the schedule.

Appendix A ‘As is’ installation Report

Compare what you found on-site to the information in the Project Template (and Lighting Plan).

Is there any change in the aspects below? Write down your remarks and send a copy of this page to your Signify representative.

Location of the installation?

Bill Of Materials? Did you add additional devices?

Grouping of luminaires with regards to the Lighting Plan?

Position or configuration (dip-switches) of sensors with regards to the Lighting Plan?

Location where the touch panel is installed with regards to the Project Template?

Configuration of the touch panel settings?

Appendix B Test Instructions

Test wiring and communication between Store Kit and luminaires		
What to do	**Expected outcome**	**Issues?**
Select the scenes one by one.	The luminaires follow the programmed scene levels.	

Verify the presets are programmed correctly		
What to do	**Expected outcome**	**Issues?**
Select 'Preset manual override' function on the user interface and select the various presets. Check the light levels in the store with a lux meter.	All light levels in the various areas of the store are as specified in the Project Template.	

Verify the schedule		
What to do	**Expected outcome**	**Issues?**
Select 'Define schedule' function on the user interface and use the calendar over-view to verify the programmed schedule.	The calendar is occupied by the Default schedule. Create an example schedule and check: • is it possible to assign the schedule to a week day • is it possible to assign the schedule to a single day (exception to the calendar)	

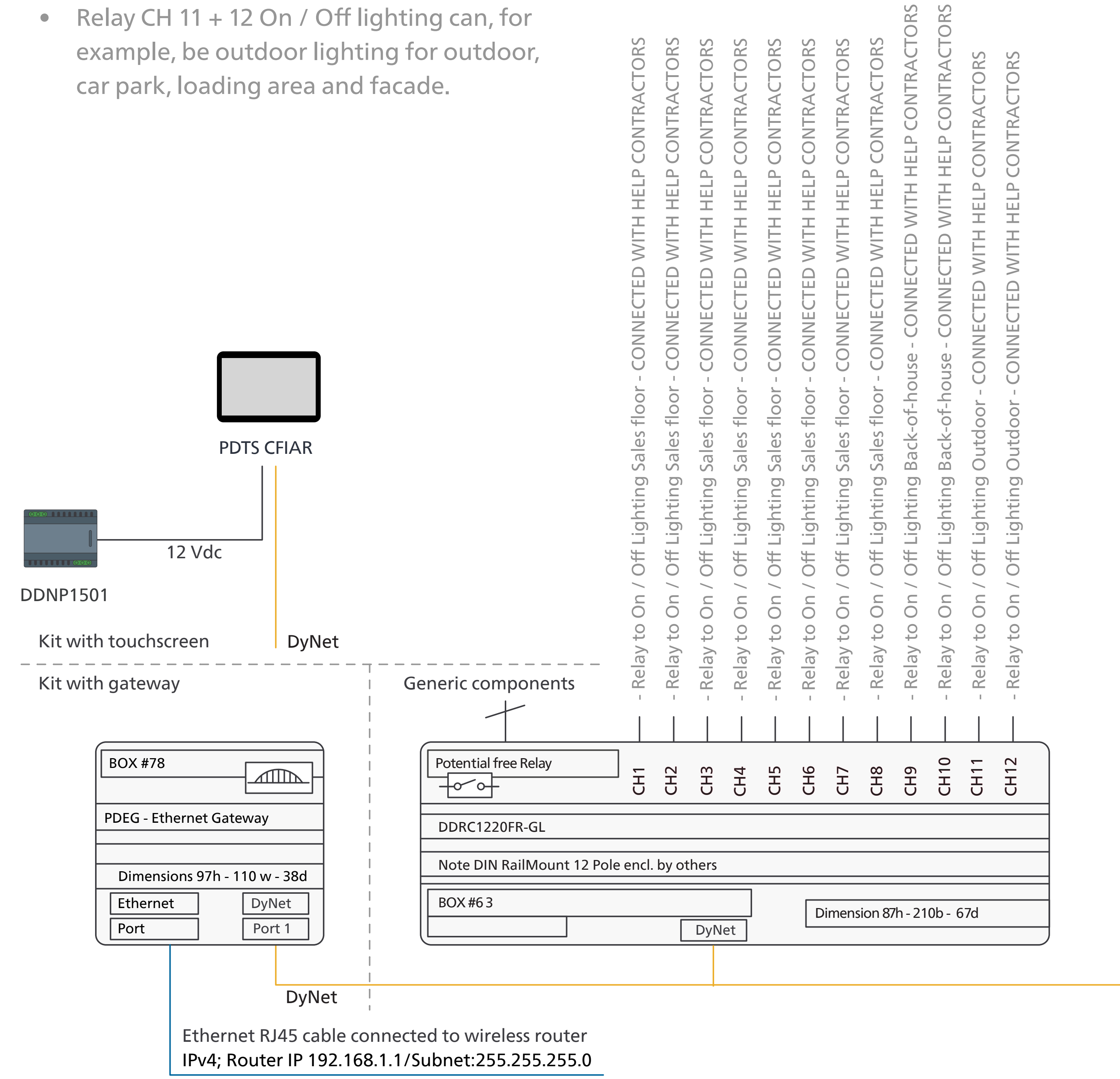
Test the movement detector (if used)		
What to do	**Expected outcome**	**Issues?**
Put system in Automatic mode	-	
In case the Back-of-house schedules are configured for sensor support, then walk in the Back-of-house (Preset - Occupied). For configuration of sensor support, see section 4 Connect the (optional) sensor.	Luminaires behave as defined in back-of-house **Scene 8 - Occupied**	
Walk out of the storage room and wait until the set time-out expires (Preset - Unoccupied)	Luminaires behave as defined in back-of-house **Scene 9- Unoccupied**	
Walk in the storage room.	Luminaires behave as defined in back-of-house **Scene 8 - Occupied**	

Test the dry contact input (if used)		
What to do	**Expected outcome**	**Issues?**
Trigger inputs from Building Management System.	The correct preset is recalled (as per the description of the functionalities of the DDMIDC inputs in this document).	

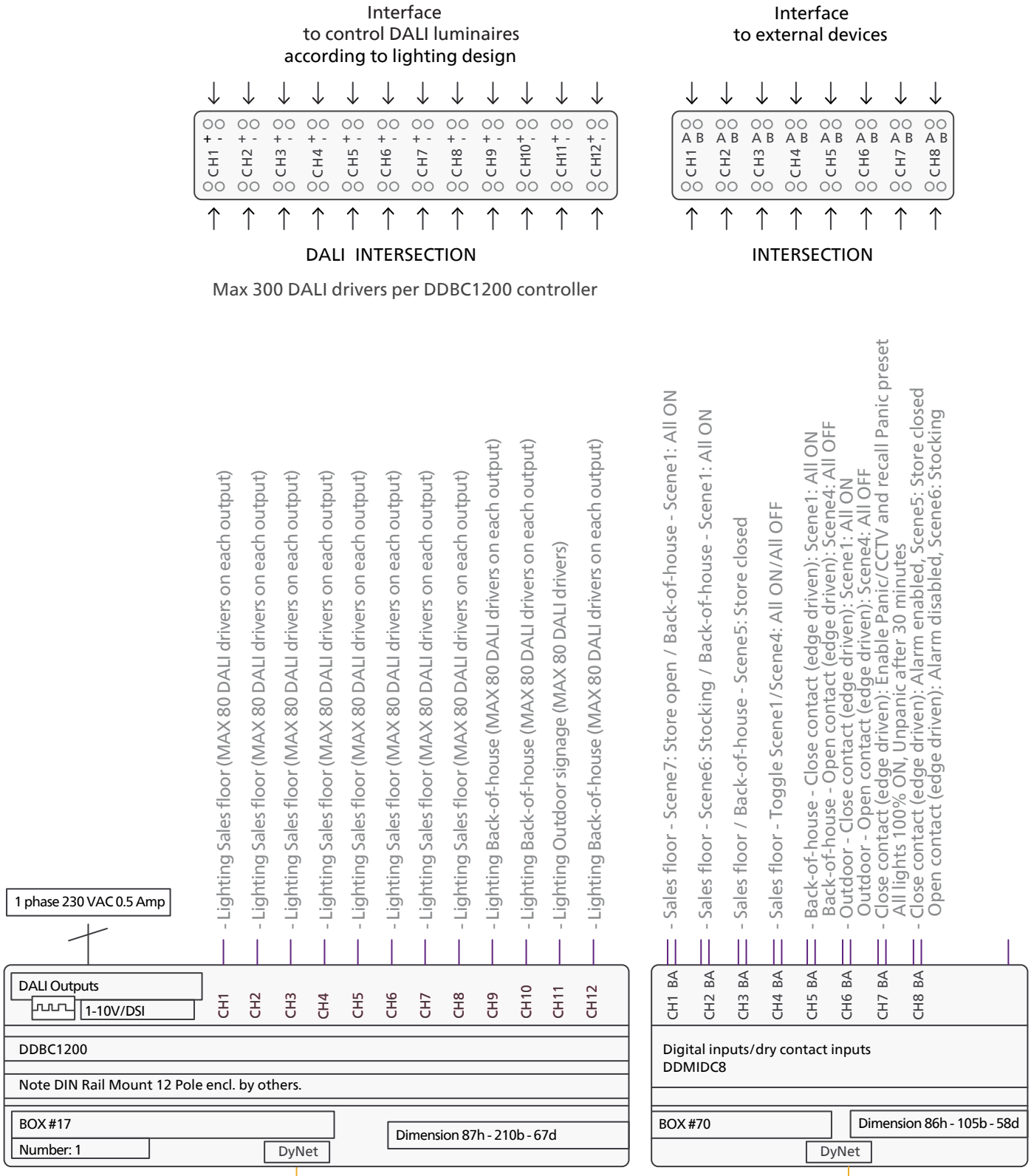
Appendix C Wiring diagram

Note

- Relay CH1 to CH8 for On / Off lighting can, for example, be indoor cooling lights and spots on the Sales floor.
- Relay CH9 + 10 for On / Off lighting can, for example, be spots in Back-of-house.
- Relay CH 11 + 12 On / Off lighting can, for example, be outdoor lighting for outdoor, car park, loading area and facade.



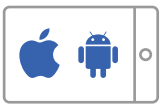
Appendix C Wiring diagram



Note DDMIDC8
You can use a push-button wall switch for dry contact CH4 to toggle the Sales floor (Scene1/Scene4: All ON/All OFF). After two hours, the previous scene is activated automatically.

Appendix D Installation of the Signify certificate

A certificate is required to enable a secure connection between the operating device (for example a tablet) and the gateway. When you use a device for the first time, while accessing the user interface the warning message Your connection is not private, or similar, shows up.

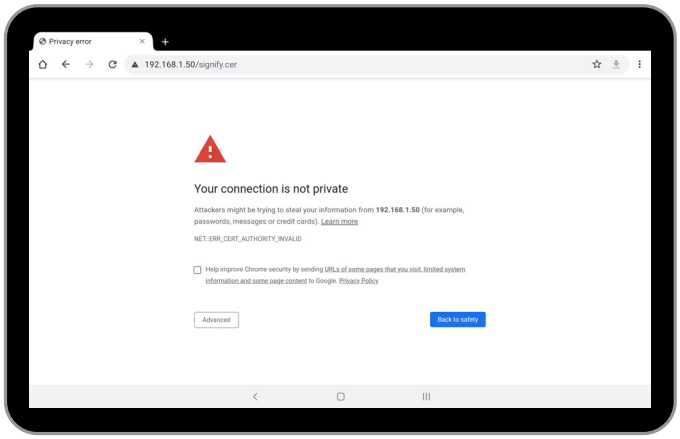


Download certificate

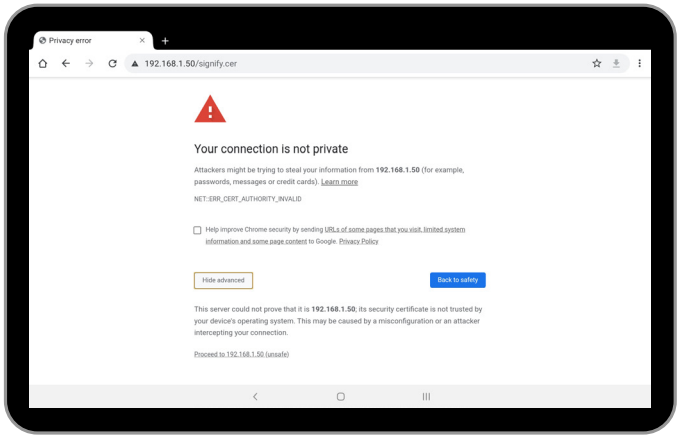
Note

This instruction is written using a Chromium-based browser. Other browsers require similar steps, but for clarity it is recommended to also use a Chromium-based browser
(for example: Google Chrome).

1. In the web-browser, go to https://192.168.1.50/Signify.cer
2. If the message *Your connection is not private* appears, click **Advanced**.

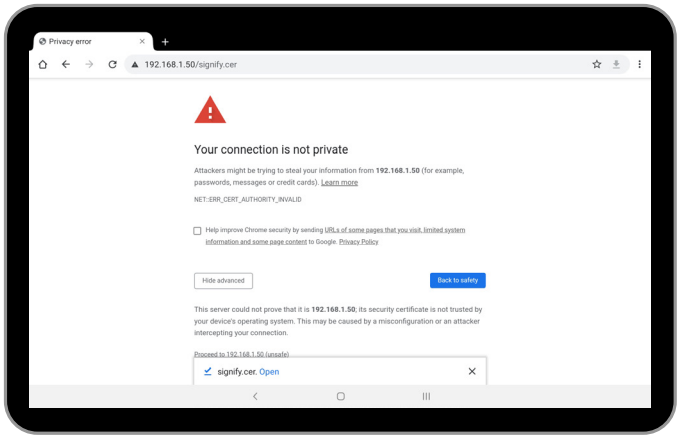


3. Click/Tap **Proceed to 192.168.1.50 (unsafe)**.



Appendix D Installation of the Signify certificate

The certificate is downloaded to the device.



Note

When given the option to **Open** the file, ignore and click **×** to close the message.

Install the certificate

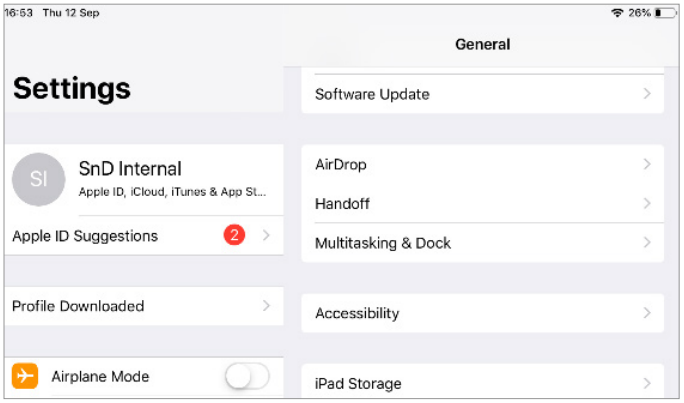
When starting to use a new device, you must install the certificate. You can find the procedure how to install the certificate for every operating system in the following sections.

Install certificate on a tablet running iOS

Note

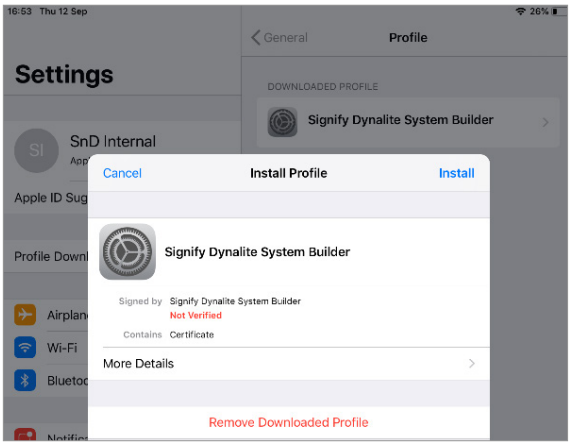
The steps in this section are intended for iPadOS 18.

1. In Settings, select **Profile Downloaded**.
2. Select Signify Dynalite System Builder. Tap **Install**.

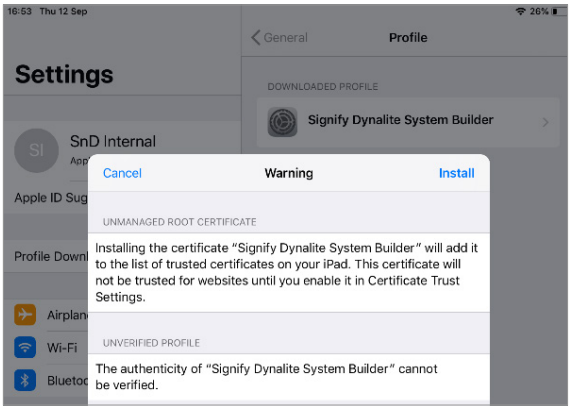


Appendix D Installation of the Signify certificate

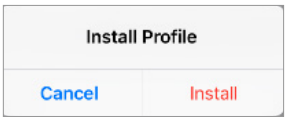
3. A warning appears, tap **Install**.



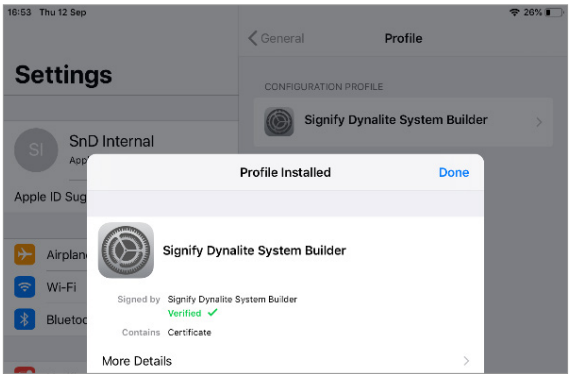
4. A popup appears to confirm, tap **Install**.



5. Tap **Done**.



6. Clear the browser cache and close the web browser.



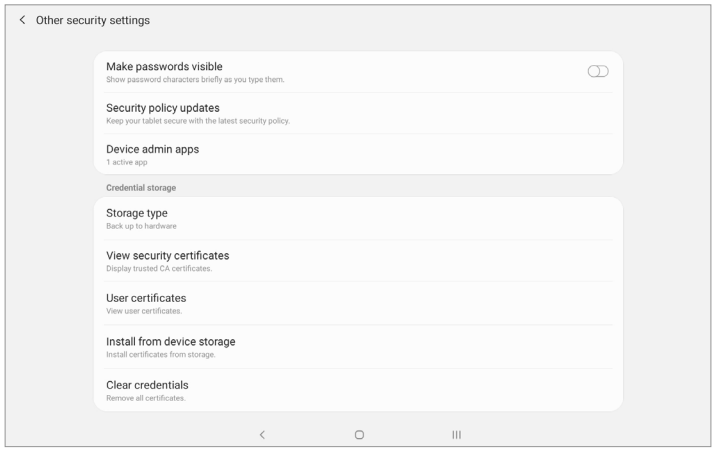
Appendix D Installation of the Signify certificate

Install certificate on a tablet running Android

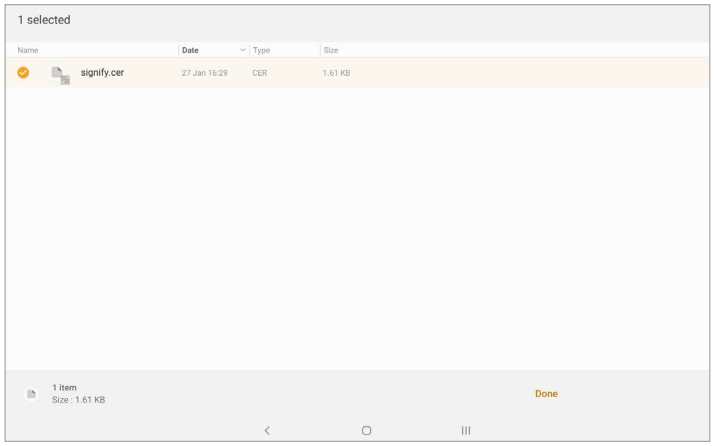
Note

The steps in this section are intended for Android 9 to 13 (not verified for 14 or later) and may be brand specific. Older versions of Android may use slightly different steps.

1. In *Settings*, tap **Security > Other security settings**.
2. Find *Credential storage* and tap **Install from device storage**.



3. Select the file **signify.cer** and tap **Done**.



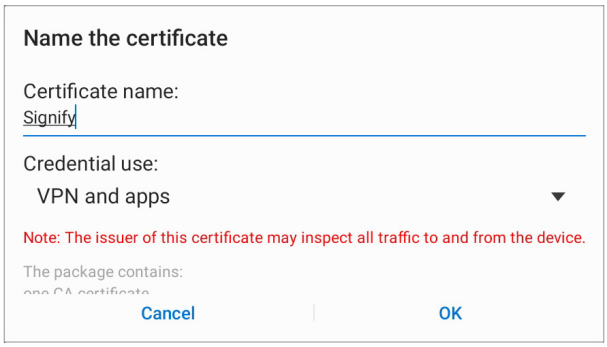
4. Enter your Screen Lock (for example a pattern or PIN-code). Tap **OK**.

Important

When you haven't defined a Screen Lock, you are asked to set one up. Without a Screen Lock, you can't install the certificate.

Appendix D Installation of the Signify certificate

5. Give the certificate the name Signify.
6. Under *Used for*, select **VPN and apps**. Tap **OK**.



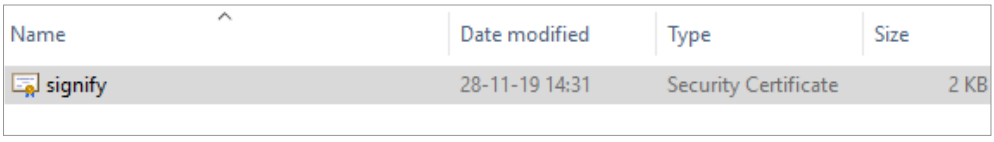
7. A message that the installation was successful appears.
8. Clear the browser cache and close the web browser.

Install certificate on a PC

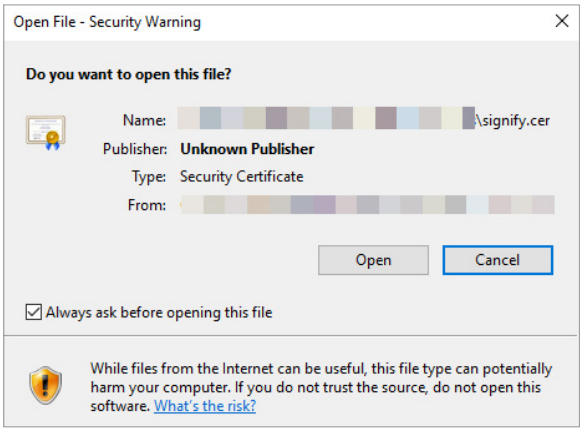
Note

The steps in this section are intended for Windows 11.

1. Find the certificate in the file system.

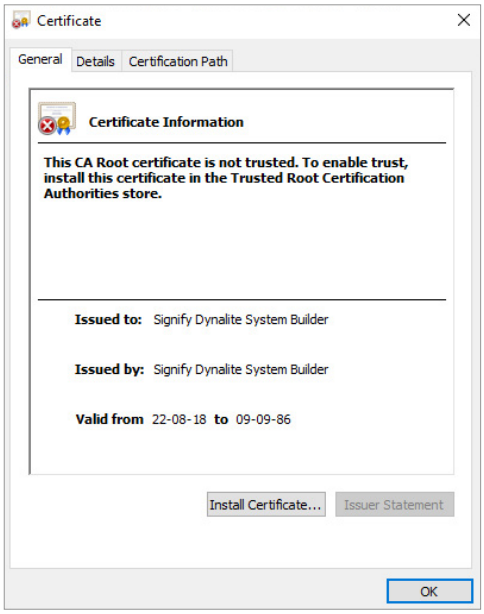


2. Double-click the certificate to start installation. Click **Open**.

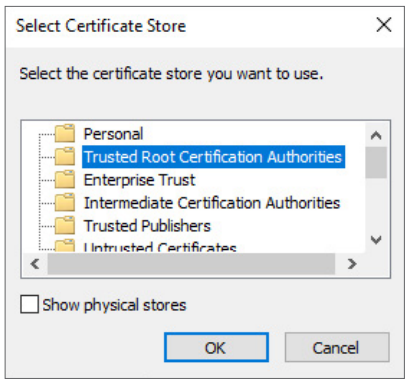


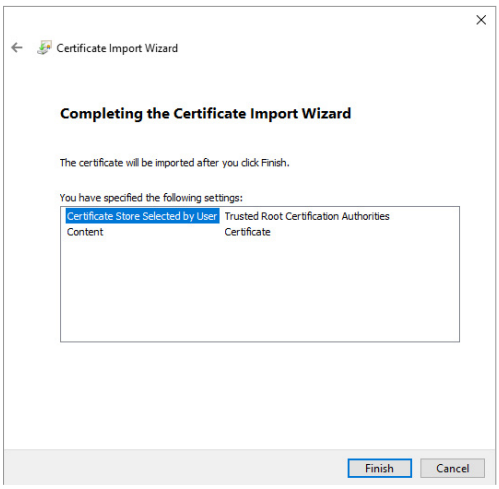
Appendix D Installation of the Signify certificate

3. Click **Install Certificate…**.



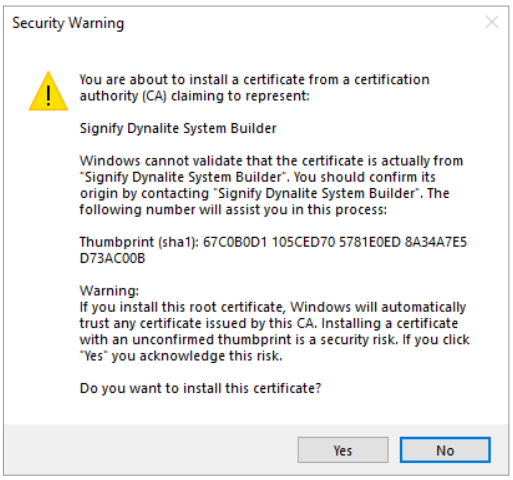
4. In the *Certificate Import Wizard*:
   - Select **Current User**. Click **Next**.
   - Select **Place all certificates in the following store**. Click **Browse**.
   - Select **Trusted Root Certification Authorities**. Click **OK**.
   - Click **Next**, then click **Finish**.





Appendix D Installation of the Signify certificate

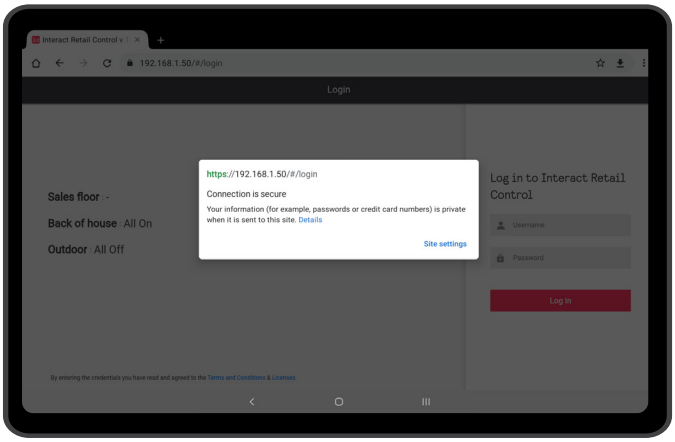
5. A Security Warning appears. Click **Yes**.

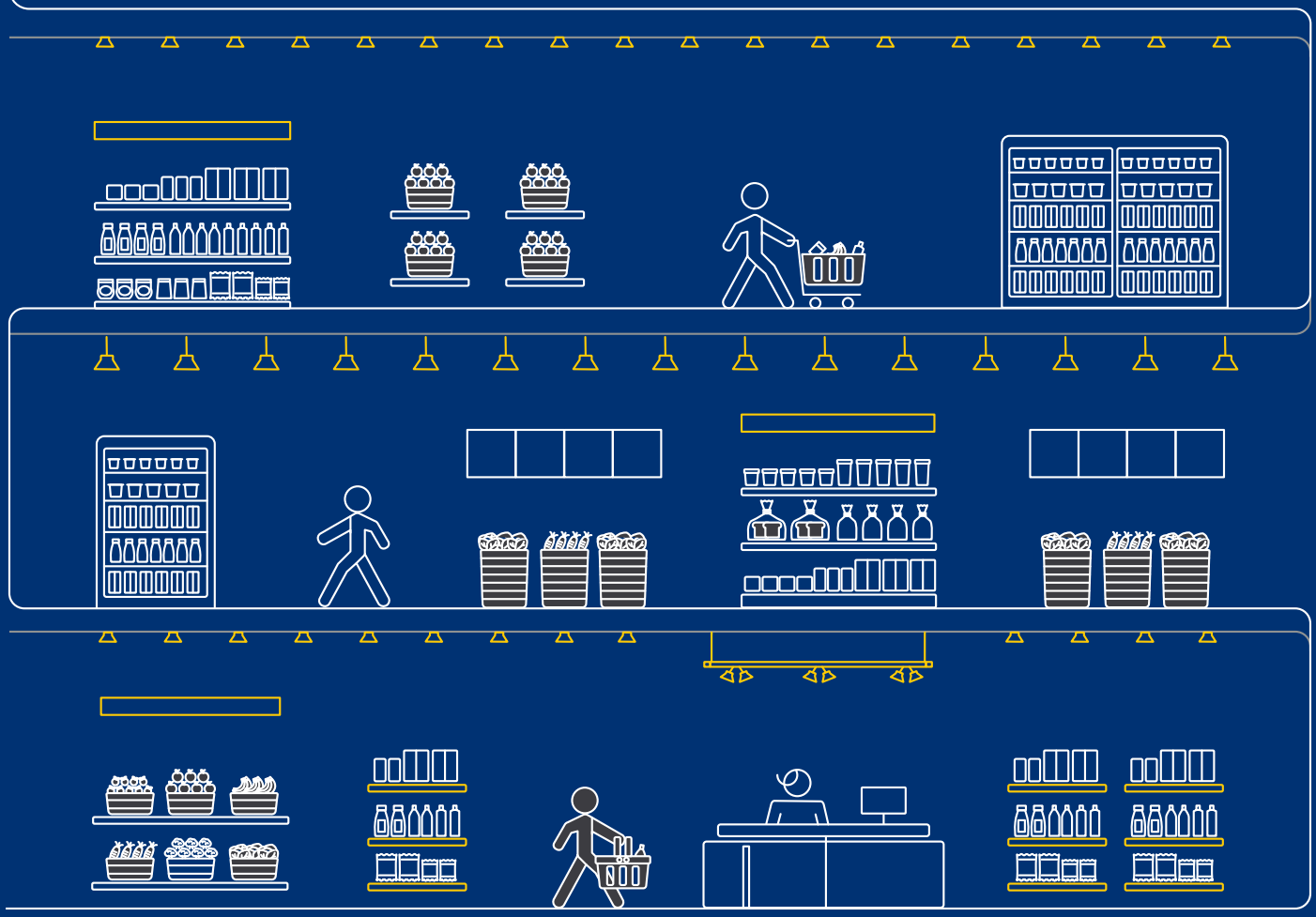


6. A message that the import was successful appears. Click **OK**.
7. Click **OK** to close the *Certificate* popup.
8. Clear the browser cache and close the web browser.

Check secure connection of the user interface

1. Open the web-browser and go to https://192.168.1.50/.
   Login to the system.
2. Check the address-bar if a closed padlock shows. You can click the padlock to see the details of the connection and certificate.





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PHILIPS

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