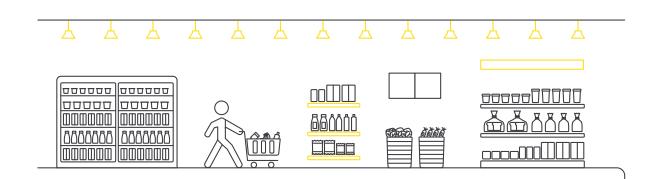


Store Kit

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

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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.

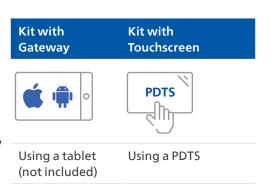
A Caution

- 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.



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.org.



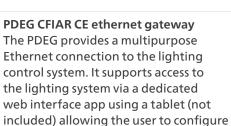
Variants

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

Kit with Gateway

Kit with Touchscreen







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.

and operate the system.

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.

① 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.



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



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).



← Main contents

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.



Items not in the box

- Luminaires
- Cables

① 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 or newer	Android 7.0 or newer
Screen resolution	1536 x 2048	800 x 1280
Web browser	Recent version of Safari or Chrome	
Connectivity	Wi-Fi only	



← Main contents

• Wi-Fi enabled router

- Standards IEEE 802.3, IEEE 802.11g, IEEE 802.11b
- Internet port: 10/100 RJ-45 Port
- LAN port: 10/100 RJ-45 Switched (most routers have four)
- Firewall
- WEP/Wireless security Wi-Fi Protected Access™2 (WPA2)
- 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

← Main contents 10

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:

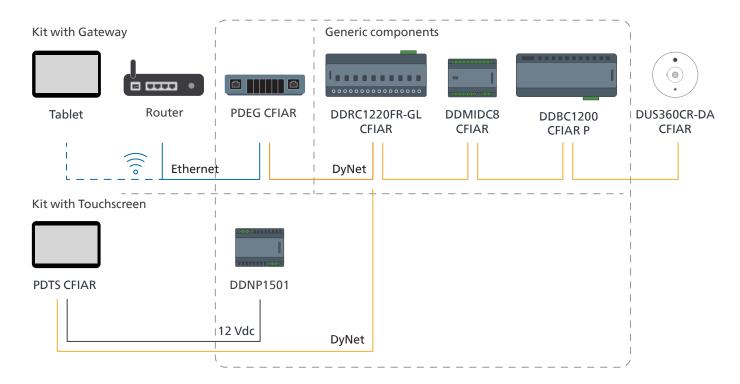
Type number	Description
DDBC1200 CFIAR S CE (12nc: 913703352109)	Secondary signal dimmer controller
DDRC1220FR-GL CFIAR CE (12nc: 913703246509)	Relay controller 12 × 20 A (max. 180 A)
DUS360CR-DA CFIAR (12nc: 913703335109)	Motion sensor (Optional component)

Note

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

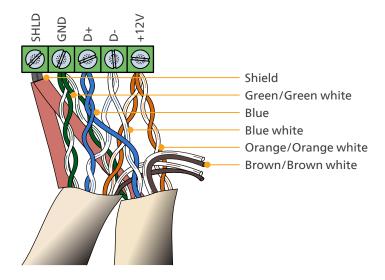
1 Connect the controllers in a network

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

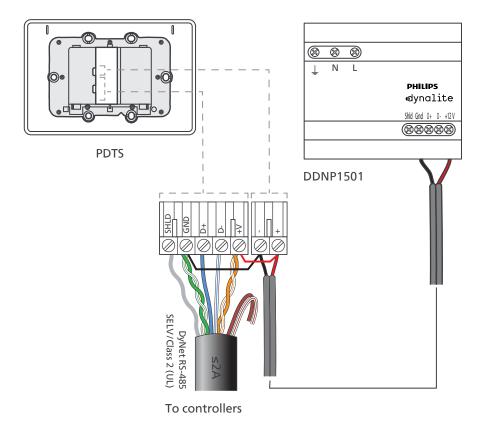
When installing a kit with touchscreen, make sure to connect the power supply to the touchscreen.



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



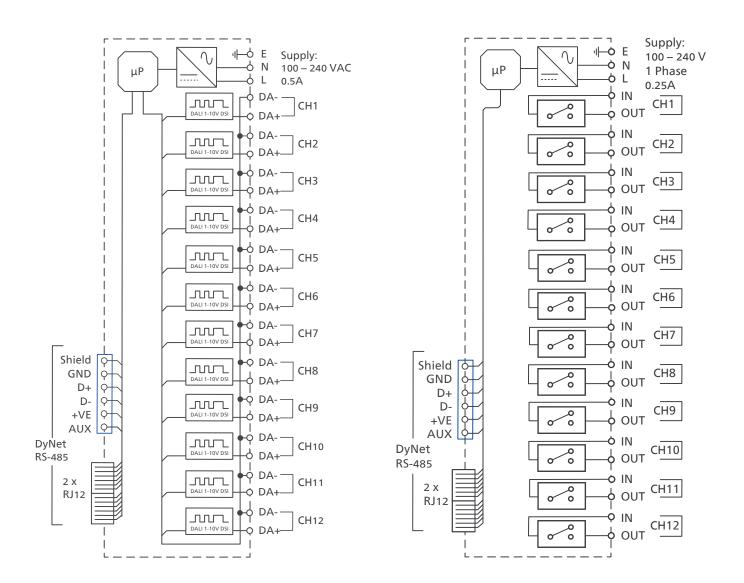


DDBC1200 CFIAR DALI dimmer controller



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.

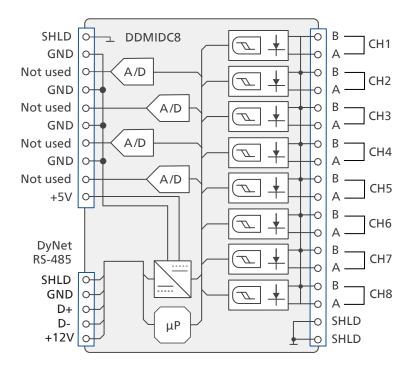
See Appendix C Wiring Diagram for more details.

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

Channel 1 2 3 4 5 6 7 8

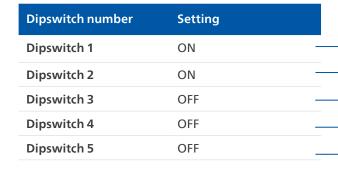


DDMIDC8 CFIAR dry contact input controller



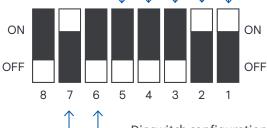
4 Connect the (optional) sensor

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:



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



DUS360CR-DA CFIAR

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.

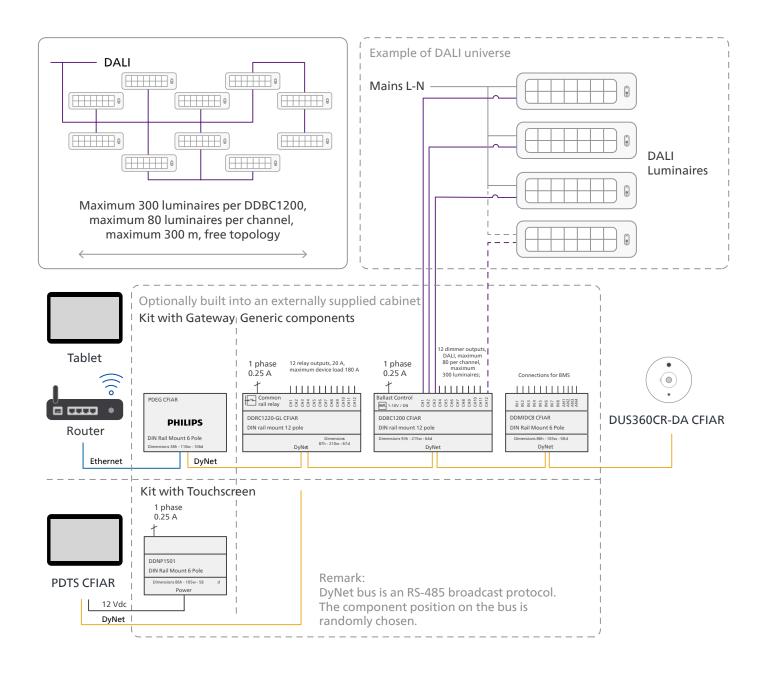
The data signal must never be looped.

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.
- 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

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

① 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 automatically when there is daylight outside.

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.

7.1 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.

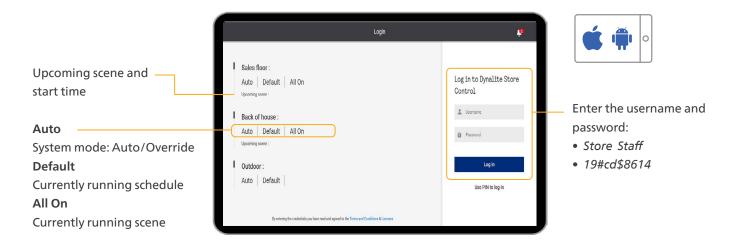


7.1.1 Interface with Schedules enabled

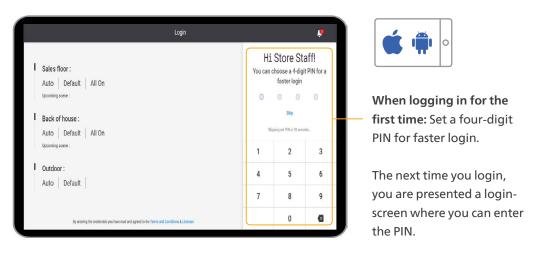
■ Note

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.

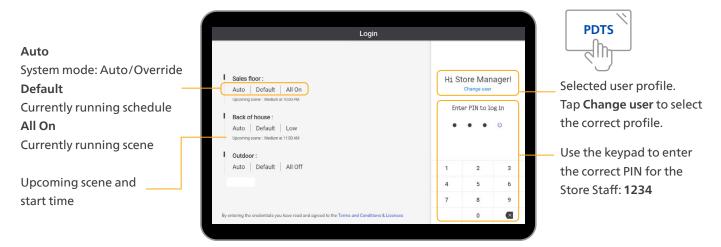
First-time login with a tablet



Create PIN/Login with PIN

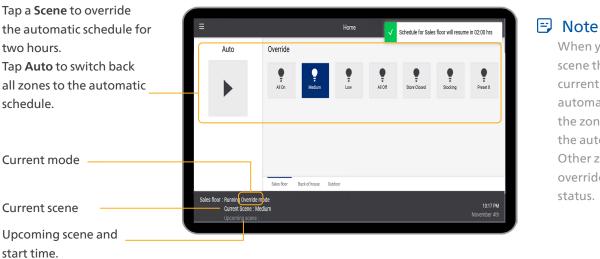


Login with the touchscreen





Home page (Override mode)



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

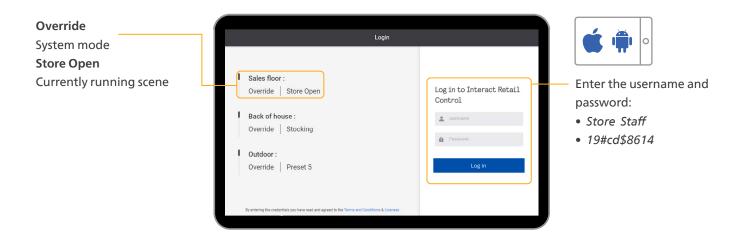


7.1.2 Interface with Schedules disabled

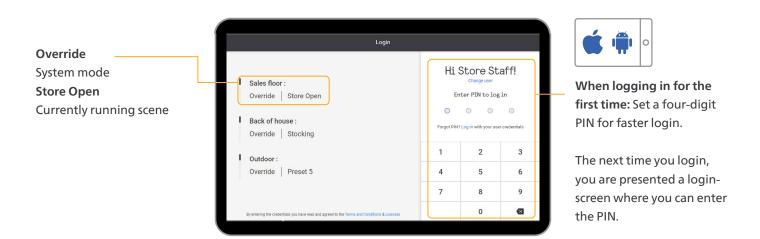
■ Note

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.

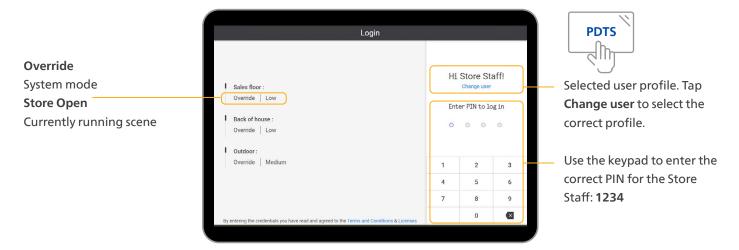
First-time login using a tablet



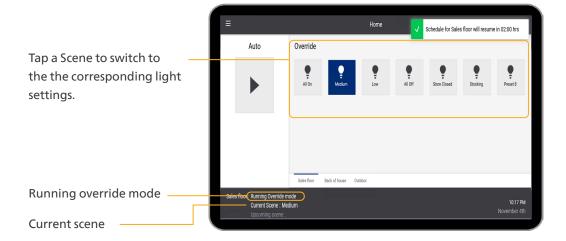
Create PIN/Login with PIN using a tablet



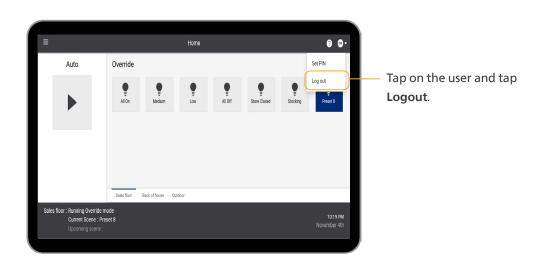
Login with the touchscreen



Home page



Logout



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.

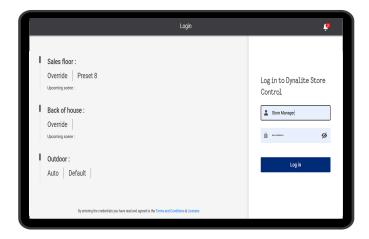


When using a touchscreen:

Touch the screen to activate, the login screen shows.



Login using a tablet

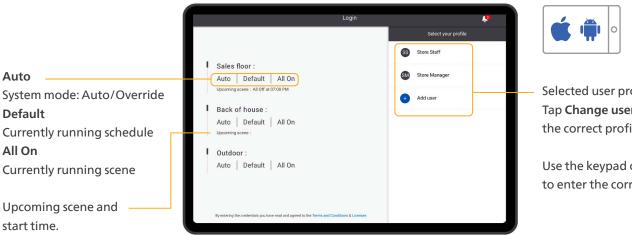




Enter the username and password:

- Store Manager
- ac4\$65a#23

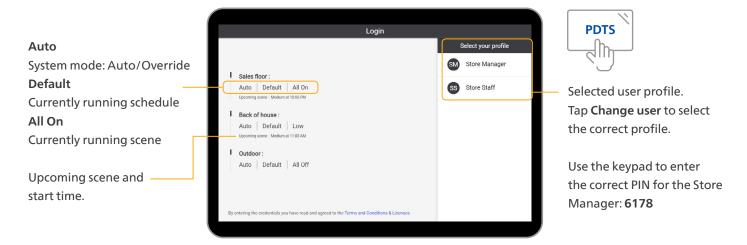
When logging in for the first time, set a four-digit PIN for faster login.



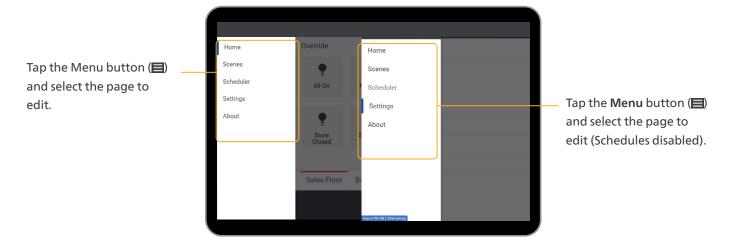
Selected user profile. Tap Change user to select the correct profile.

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

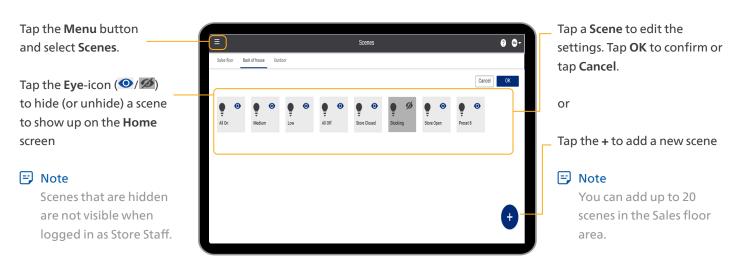
Login using the touchscreen



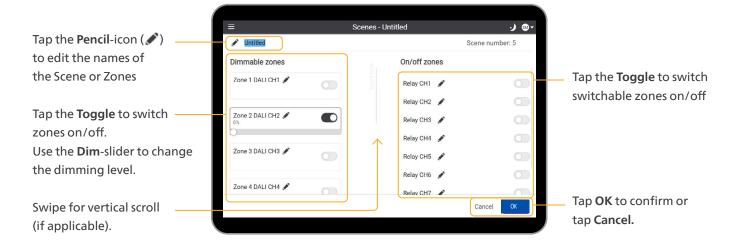
Menu



Scenes

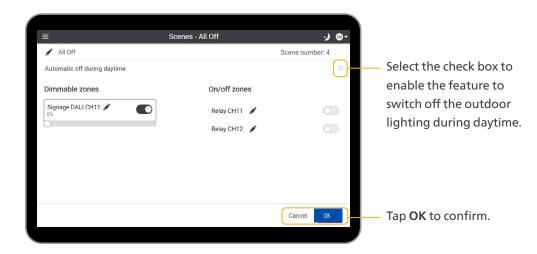


Add Scene / Edit Scene



Scenes for outdoor areas

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

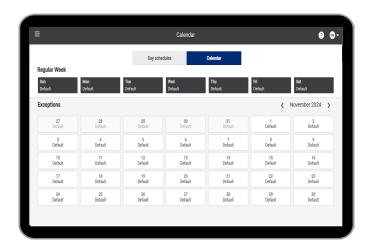


Delete scene

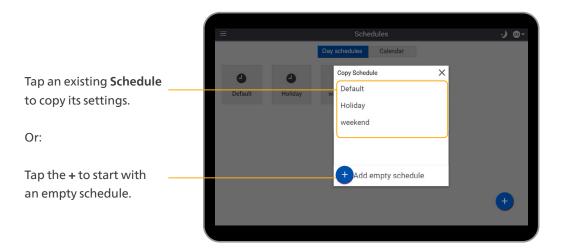


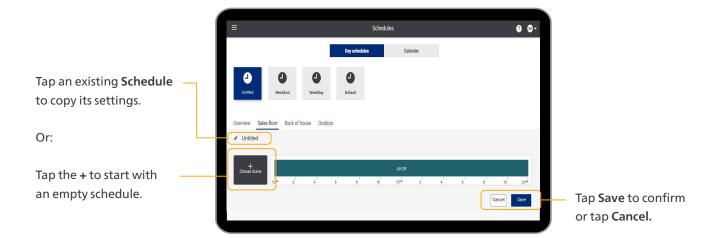
Schedules

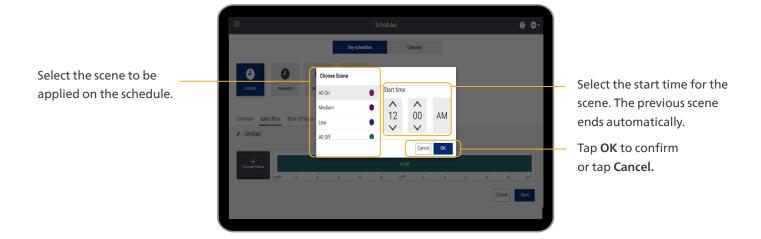




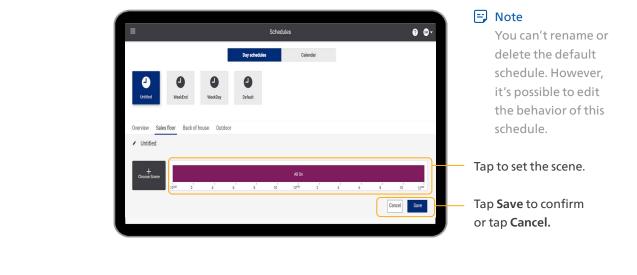
Add Schedule







Edit schedule



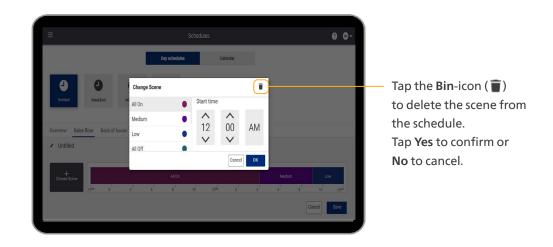
Select the scene to be applied on the schedule.



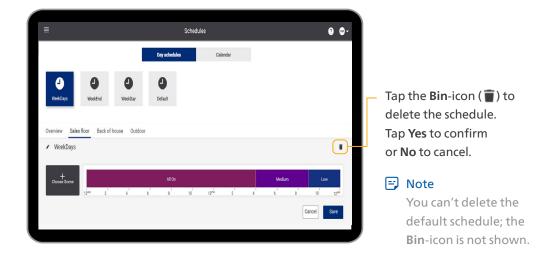
Select the start time for the scene. The previous scene ends automatically.

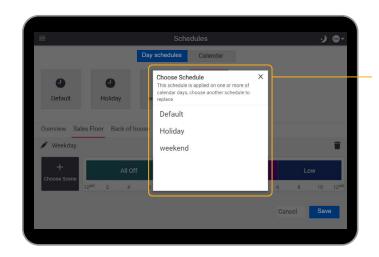
Tap **OK** to confirm or tap Cancel.

Delete scene from schedule



Delete schedule

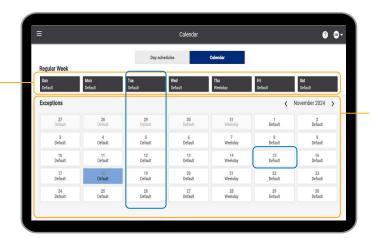




When deleting a schedule that is applied, select another schedule to replace the deleted.

Apply schedules

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



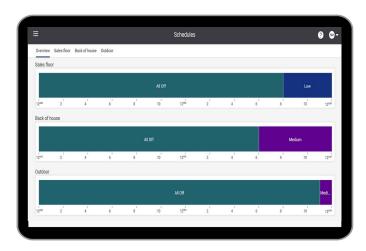
Tap a specific date and select a schedule. This schedule is applied only on that date. Use this function when the opening hours differ from the schedule on that day, for example when the date is a bank holiday and requires different opening hours.

Select the schedule to apply.

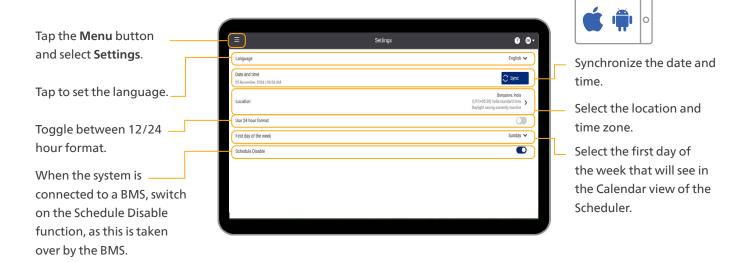


Schedule overview

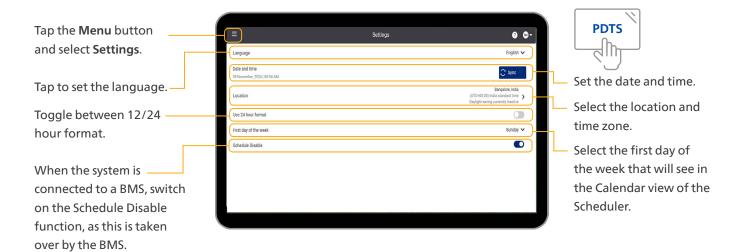
Tap **Overview** to show an overview of the schedules per zone.



Settings page using a tablet



Settings page using the touchscreen



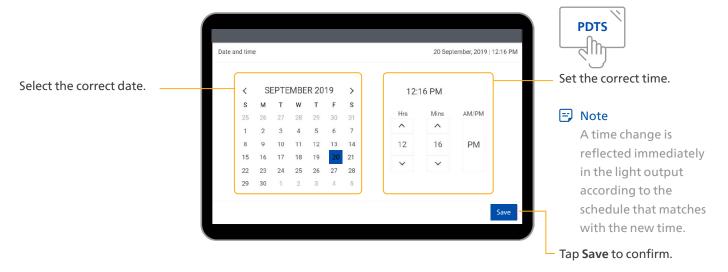
Set the language



Synchronize date and time

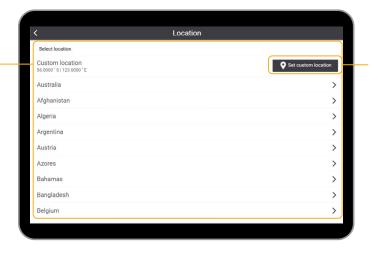


Set the date and time



Set a location

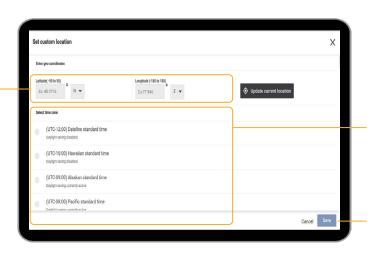




Or: tap Set custom location in case your location is not in the list

Set a custom location

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

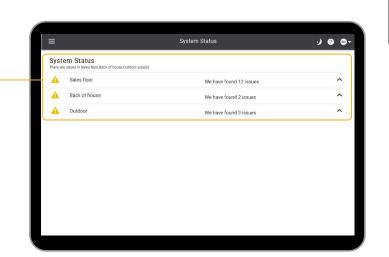


Select the correct time zone you're in, to make sure daylight saving is applied automatically.

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

System status page

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





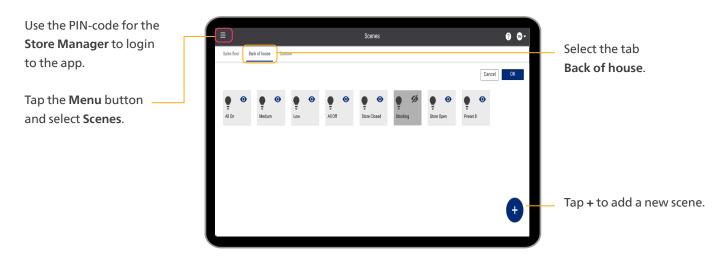
7.3 Configure sensor for back-of-house

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.

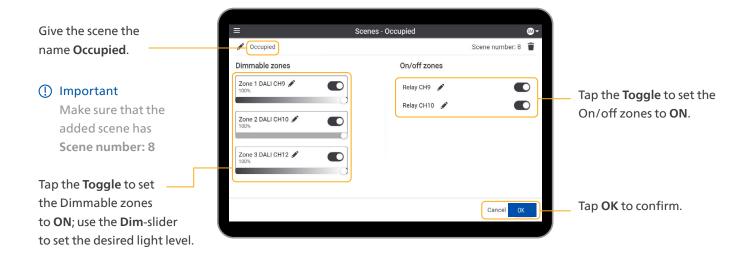
Note

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

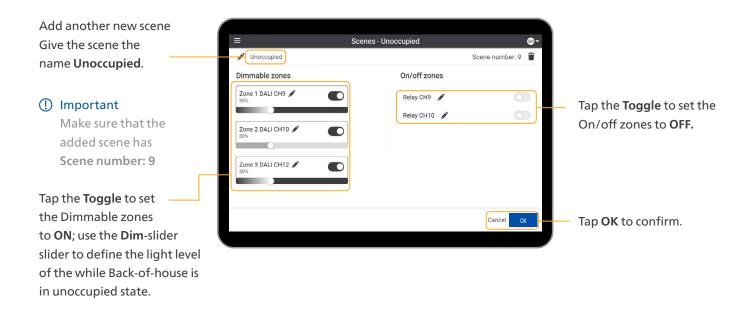
Create Scene



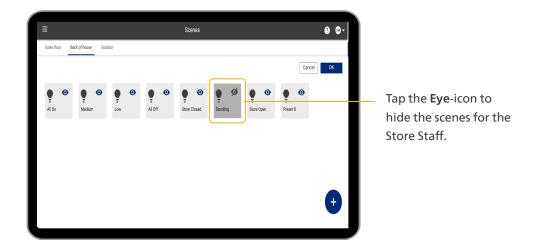
Configure Scene 8 as Occupied scene (motion detected)



Configure Scene 9 as Unoccupied scene (no motion detected)



Hide Occupied and Unoccupied Scene

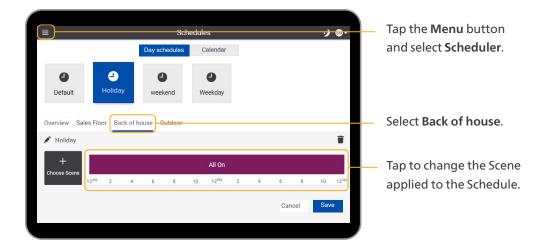


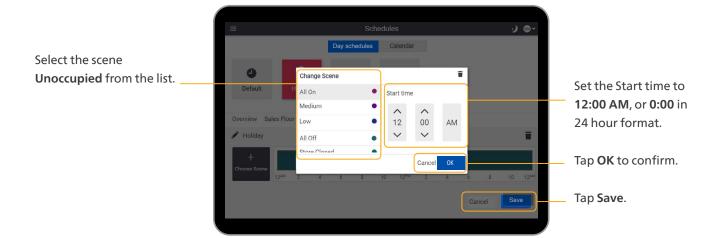
■ Note

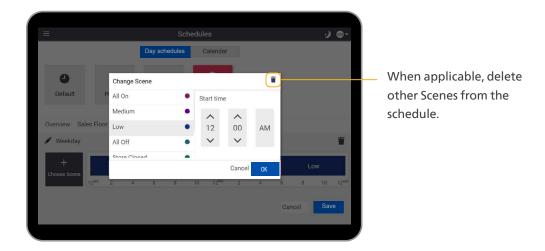
In case no sensor is used, you can configure Scene 8 and 9 as standard additional scenes in the Back-of-house area according to customer requirements. In this case, it's not necessary to hide the scenes for the Store Staff.

Note

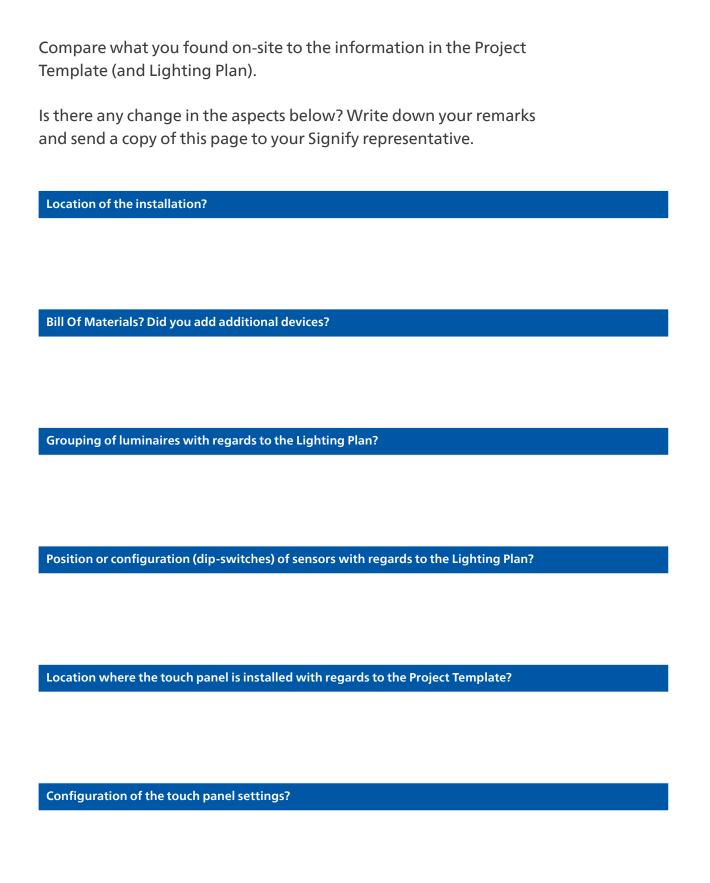
When adding the sensor for continuous Back-of-house usage, make sure to edit all schedules of the area Backof-house according to the following configuration.







Appendix A 'As is' installation Report



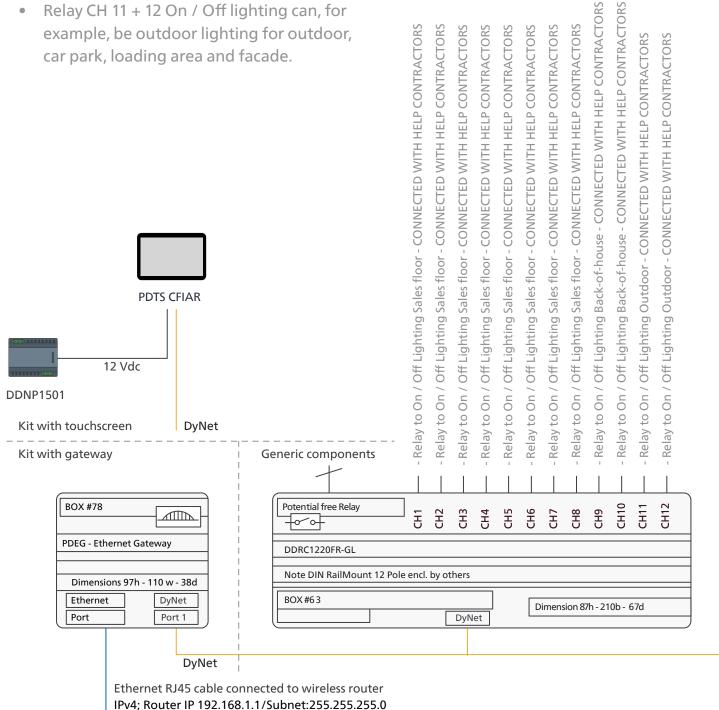
Appendix B Test Instructions

lest wiring and communication betwee	n 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 corr	ectly	
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	

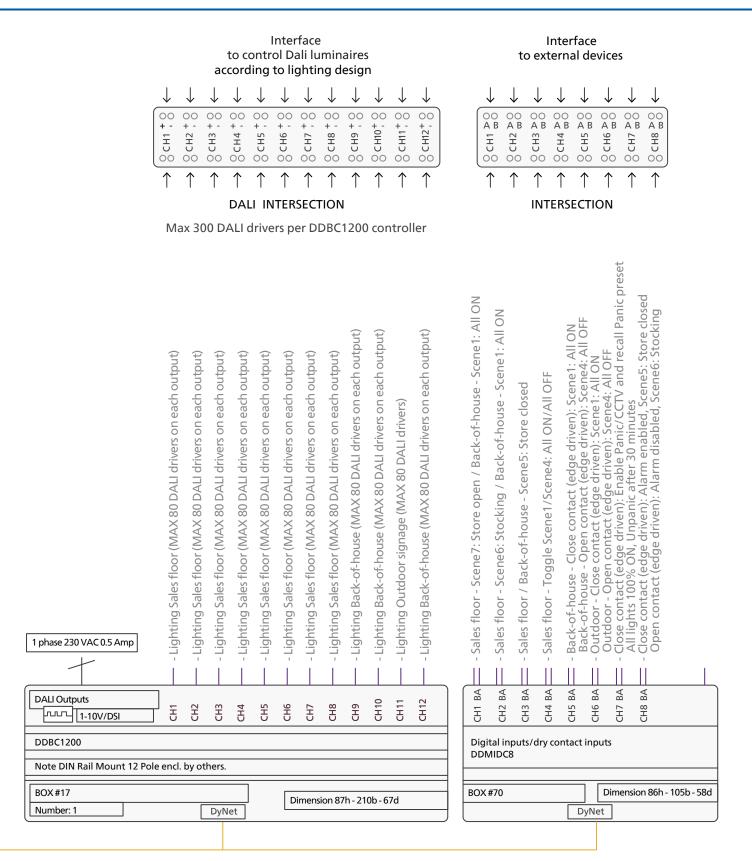
Appendix C Wiring diagram

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



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.

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.

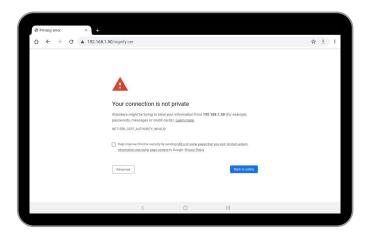


Download certificate

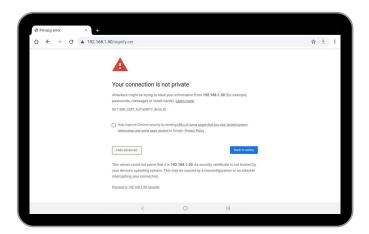
Note

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).

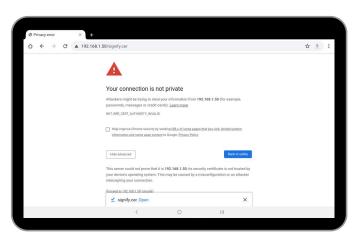
- 1. In the web-browser, go to https://192.168.1.50/Signify.cer
- 2. If the message *Your connection is not private* appears, click **Advanced**.



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



The certificate is downloaded to the device.



■ Note

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

Install the certificate

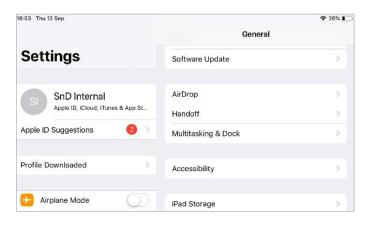
When starting to use a new device, you must install the certificate. You can find the procedure how to install the certificate for every operating system in the following sections.

Install certificate on a tablet running iOS

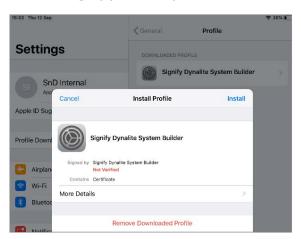
Note

The steps in this section are intended for iOS 12.

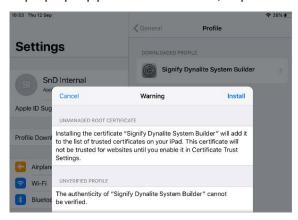
- 1. In Settings, select **Profile Downloaded**.
- 2. Select Sygnify Dynalite System Builder. Tap Install.



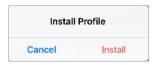
3. A warning appears, tap Install.



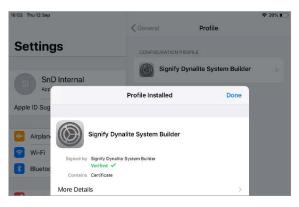
4. A popup appears to confirm, tap Install.



5. Tap Done.



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

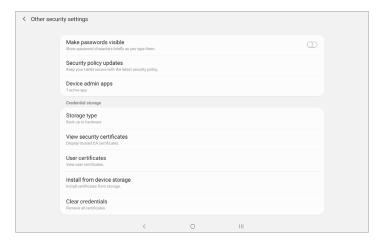


Install certificate on a tablet running Android

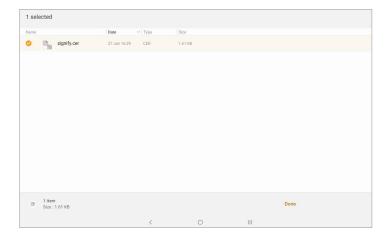
Note

The steps in this section are intended for Android 9 and up 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**.

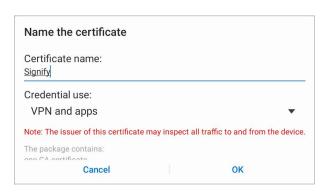


4. Enter your Screen Lock (for example a pattern or PIN-code). Tap **OK**.

① 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.

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



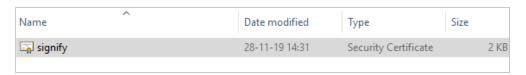
- 7. A message that the installation was successful appears.
- 8. Clear the browser cache and close the web browser.

Install certificate on a PC

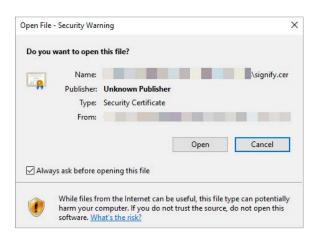
Note

The steps in this section are intended for Windows 10.

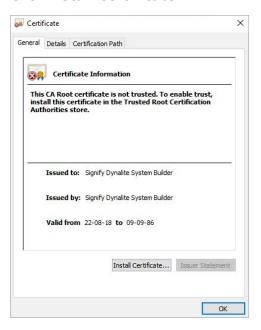
1. Find the certificate in the file system.



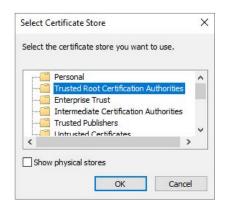
2. Double-click the certificate to start installation. Click Open.



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.





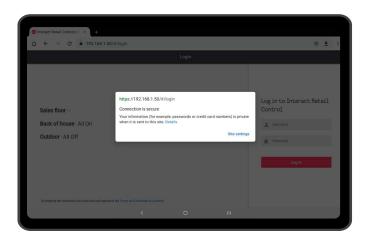
5. A Security Warning appears. Click **Yes**.

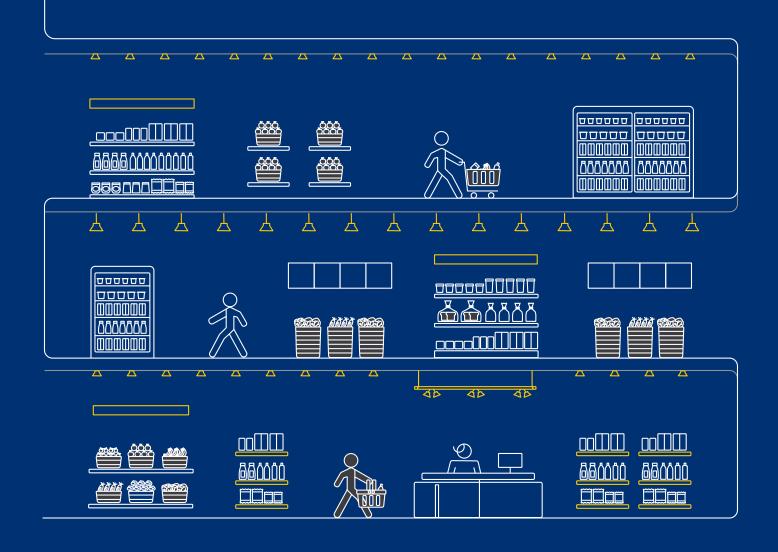


- 6. A message that the import was successful appears. Click **OK**.
- 7. Click **OK** to close the *Certificate* popup.
- 8. Clear the browser cache and close the web browser.

Check secure connection of the user interface

- 1. Open the web-browser and go to https://192.168.0.50/. 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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