EasyAir

Philips Field Apps User Manual

August 2018

innovation you

PHILIPS

Content

Introduction to this manual

Download App

The **Philips Field Apps** can be downloaded for free from Google 

Phone requirements

The Philips Field Apps works only on certain Android based smart phones. Check our website for the latest list of compatible phones with NFC and IR blaster functionality along with their NFC reader locations:
http://www.lighting.philips.co.uk/oem-emea/products/connected-lighting.html

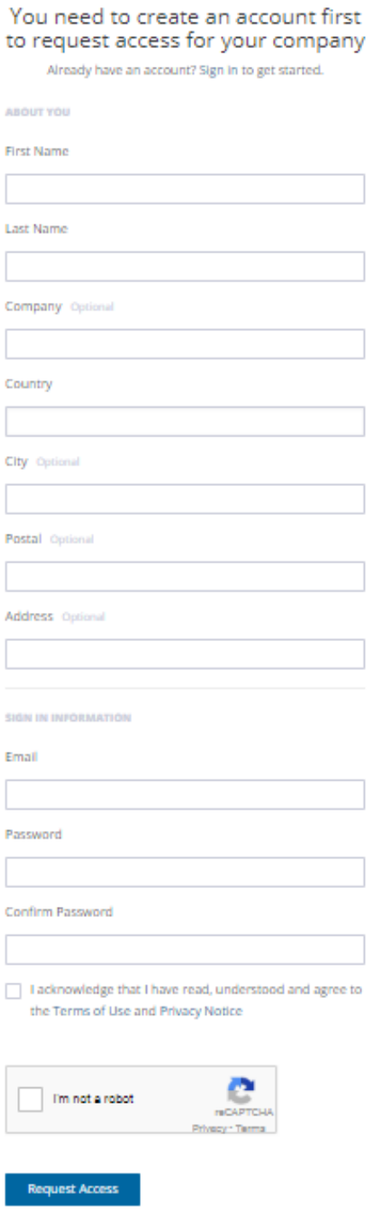
Internet requirements

User should have internet connection and launch any of the sub apps at least once, otherwise app won't be able to download the NFC key to function NFC operations. If NFC security key is not downloaded then full screen Sync error is shown to user.

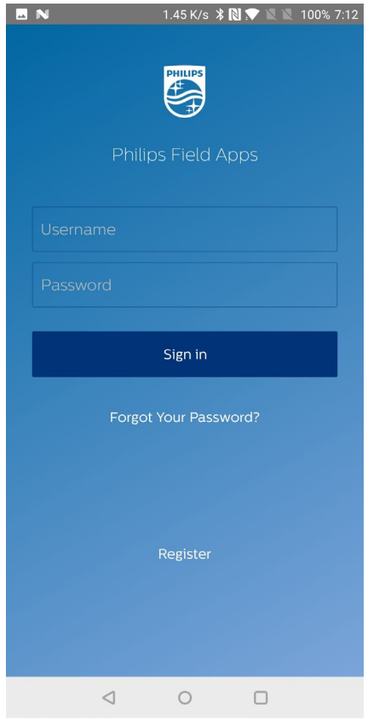
User Registration

All users can register at the following link:
https://www.componentcloud.philips.com/#/register;first=true

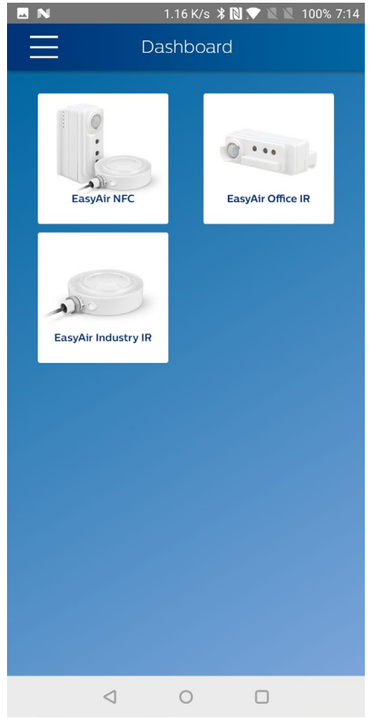
For existing users, it is possible to reset the password at the following link:
https://www.componentcloud.philips.com/#/forgot



Sign in



A first time user needs to accept *Conditions of use* and then sign in with username and password. Make sure to have an internet connection for signing in.



The Philips Field Apps consists of following sub-apps:
EasyAir NFC
EasyAir Office IR
EasyAir Industry IR

Philips Field Apps

Two complementary sub-apps are available within Philips Field Apps for configuring EasyAir sensors:
EasyAir NFC and EasyAir IR/ Industry IR (Office or Industry).

The **EasyAir NFC App** can be used to:
- Configure light parameters, one luminaire at a time
- Store the desired settings as profiles for future use
- Data reporting

This app can be used prior to installation: the luminaires do not need to be powered. The communication to the sensor is with NFC, which means the smartphone needs to be in close proximity, almost touching the sensor.

The **EasyAir Office/Industry IR Apps** can be used to:
- Commission luminaires into a group
- EasyAir Industry IR offers ability to place sensors in zones as well
- Configure light parameters of a single luminaire or an entire group
- Add wireless switches to a group
- Reset sensors or settings to factory defaults

This app can be used once the luminaires are installed and powered. The communication to the sensor is with IR signal from ground level.

Note:
For working with **EasyAir SNS200,** it is **recommended** to use an **IR Dongle** (available via Philips).
For working with **EasyAir SNH200,** it is **mandatory** to use an **IR Dongle** (available via Philips).

EasyAir NFC

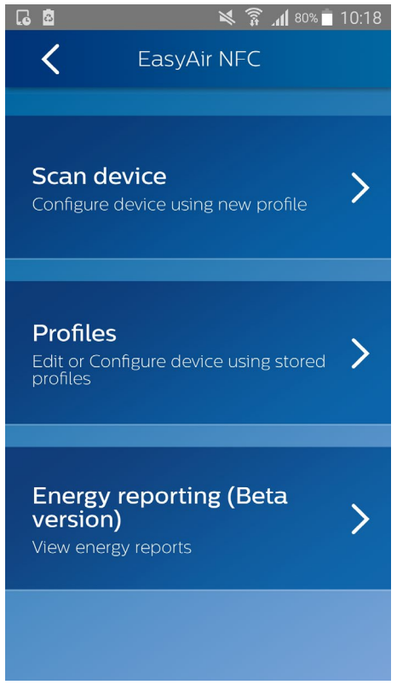
For EasyAir SNS200 and EasyAir SNH200

Features overview

This sub-app could be used prior to sensor installation on ceiling for configuring its settings. Based on Near Field Communication (NFC) technology, it is crucial for the sensor to be placed near the NFC chip of the Android phone (identify the location of NFC chip: please refer to “Phone requirements” section).

For using this app, the sensor need not be powered up. It is also possible to scan a device and change its parameters, save and re-use profiles to configure other sensors and read out energy report (a beta feature).

Note: Via this sub-app, it is not possible to commission luminaires within a group. Please use the **EasyAir IR/Industry IR sub-apps** for this purpose.

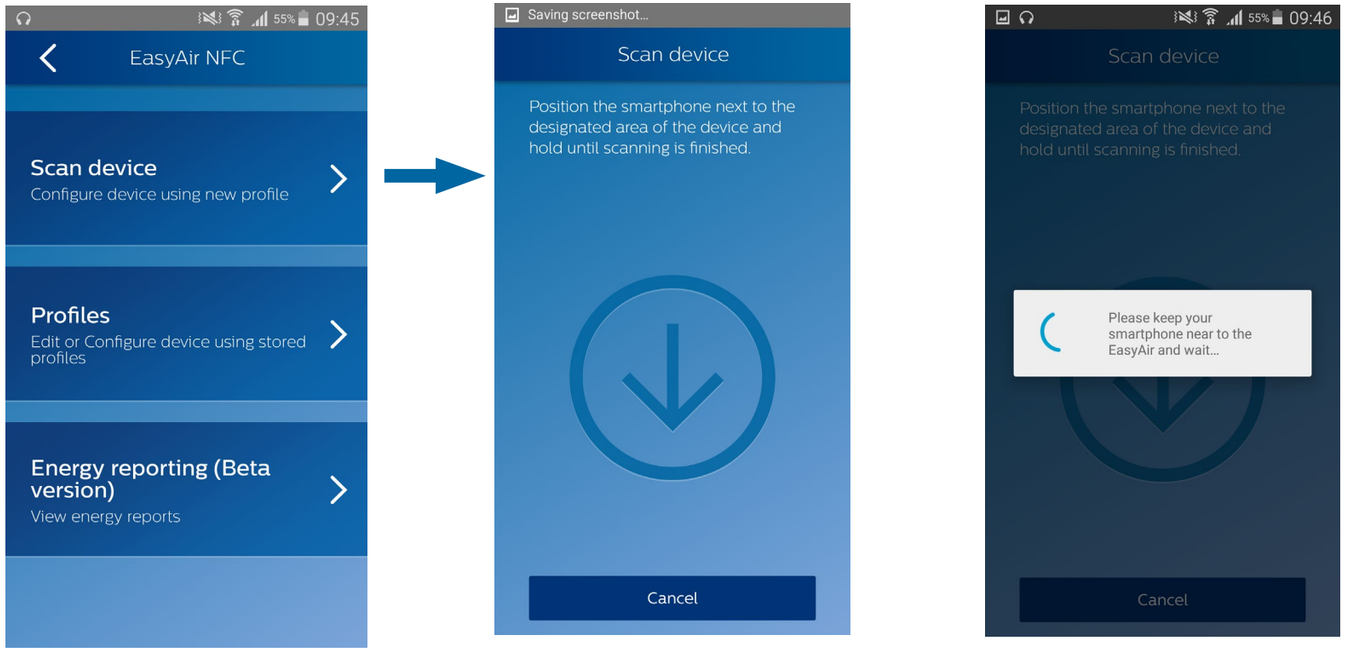


Access information about the device and configure the luminaire. This setup (profile) can be saved for re-use with other luminaires. Configure EasyAir by positioning phone near the NFC antenna of Android phone.

Choose a recent profile from the list to write back to a device. You can also edit or delete a profile via this menu.

After scanning device, and entering your location, you can read out energy data from a sensor.

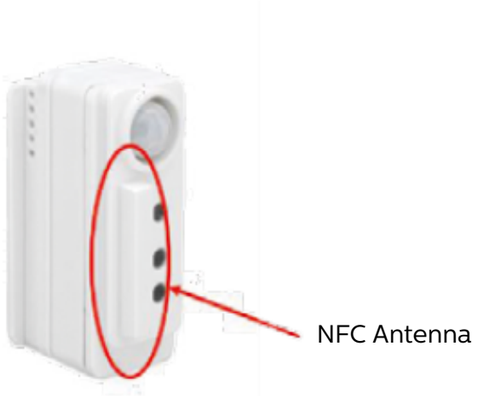
Scan device to configure parameters



1. Open the *Scan device* sub-menu

2. To scan a sensor, when this screen is visible, place the phone with its NFC reader on the (NFC location of the) sensor

Scan device to configure parameters

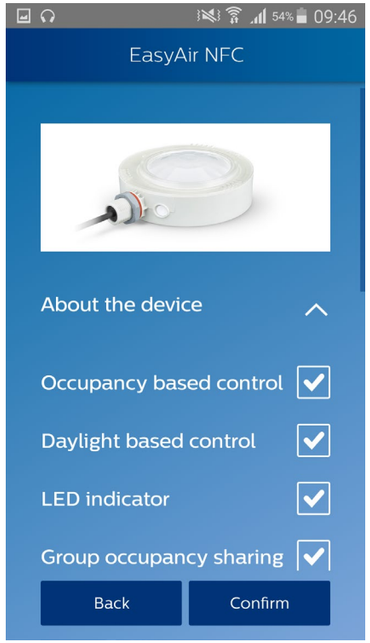


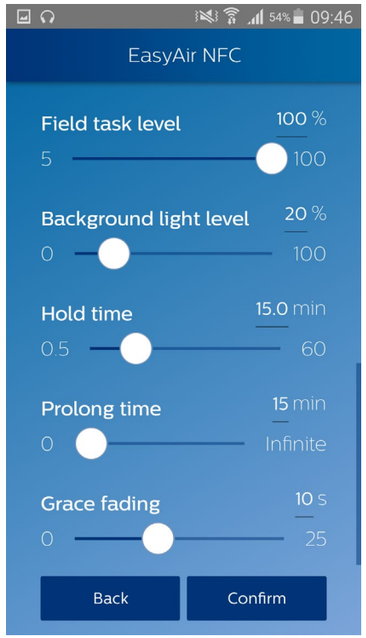
EasyAir SNS200

EasyAir SNH200

Note: Make sure that the NFC reader location is known on the smartphone used. Place the back of the smartphone (where the NFC reader locates) onto the sensor NFC antenna (almost touching) to enable NFC communication.
NFC communication might take a few seconds, hold the smartphone until the screen “Configuration Successful” appears.

Scan device to configure parameters



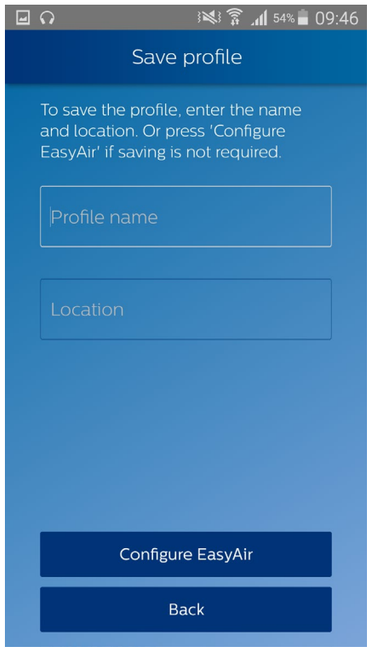


3. Once scanned successfully, the user will see all the sensor settings displayed on the phone.
   After changing the parameters, press **Confirm** to write back the changes to the sensor via NFC.

The sensor parameters that can be configured are listed below.
For detailed explanation of each of the parameters, please refer **the SNS200 or SNH200 design-in guides**, available on the technical downloads website:
http://www.lighting.philips.co.uk/oem-emea/support/technical-downloads

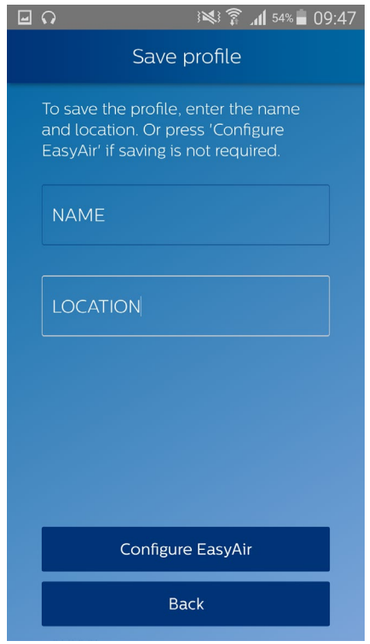
Parameters	**Default values**	
	EasyAir SNS200	**EasyAir SNH200**
Occupancy based control	Enabled	Enabled
Daylight based control	Enabled	Disabled
Daylight dependent override	Disabled	Disabled
Daylight dependent switching	Disabled	Disabled
LED indicator	Enabled	Enabled
Group occupancy sharing	Enabled	Enabled
Group light behavior	Background light level	Background light level
Occupancy mode	Auto on/off	Auto on/off
Field task level	100%	100%
Background light level	20%	20%
Hold time	15min	15min
Prolong time	15min	15min
Grace fading time	10s	10s

Scan device to configure parameters



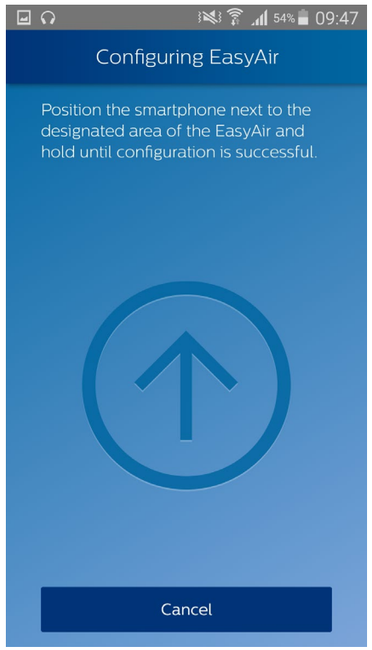
4. Before configuring the EasyAir sensor, the user can decide to save the settings in a profile.

   Profiles allow storage of all settings under a chosen name and location. They can be reused to configure other sensors.

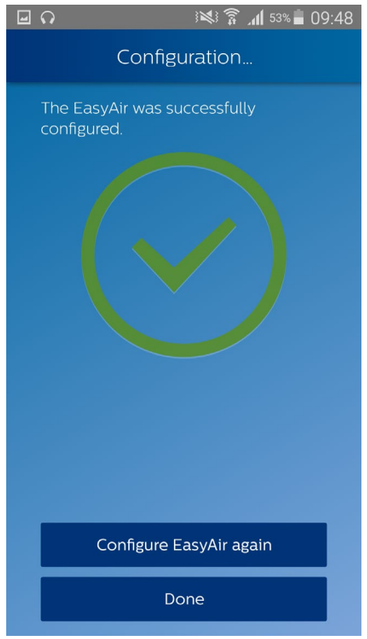


- To save a profile, the user needs to write a name ***and*** a location.
- By leaving the text boxes blank, the profile won't be saved.

When ready, press **Configure EasyAir.**



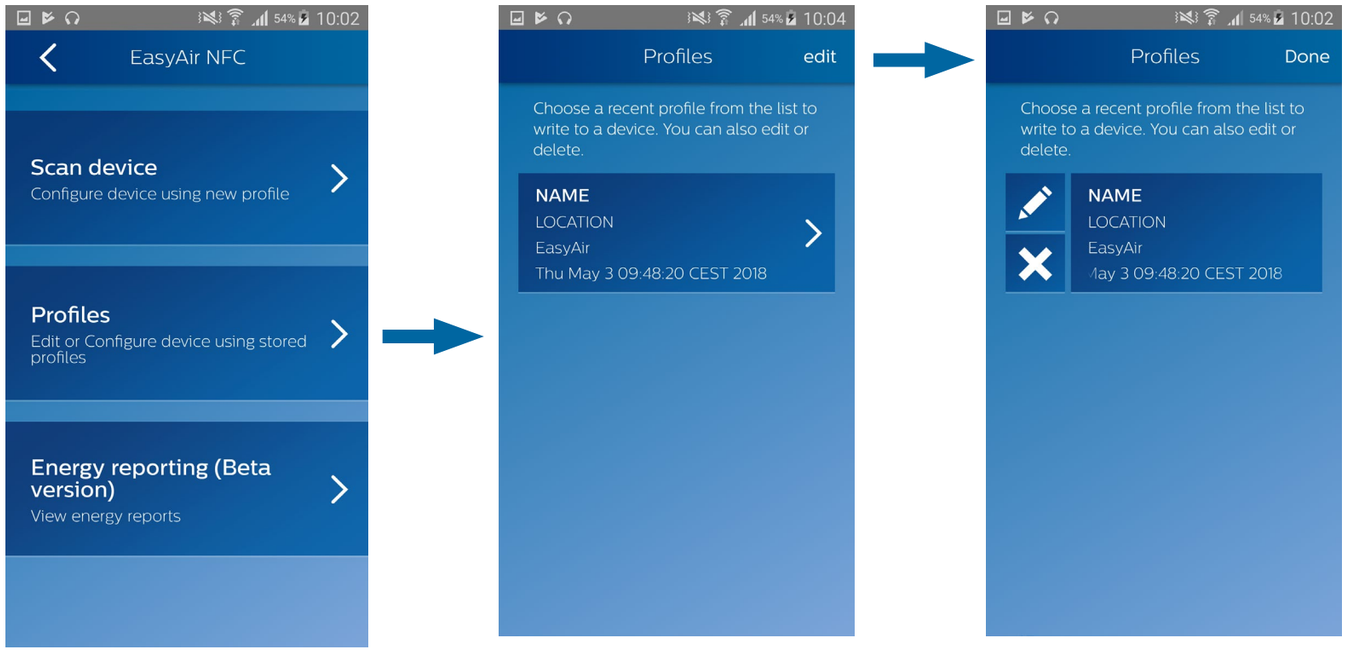
5. Scan the sensor until the next screen appears



6. The sensor is now configured

Profiles

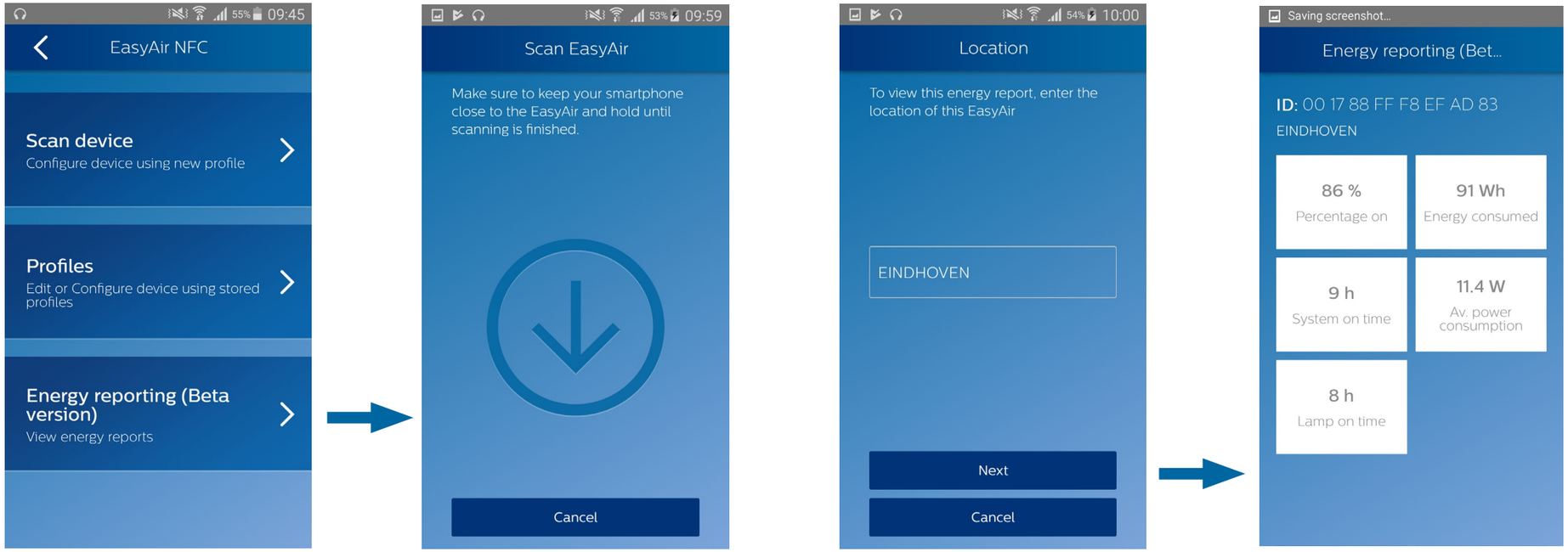
It is possible to use a stored profile to configure sensors. In this menu, the user can see which device the profile has been written on, and the last time it has been used.
This menu also allows to edit or remove a profile.



With the NFC App, the user can write back a profile to a single EasyAir sensor.
Note: For writing parameters to an entire group of luminaires, please use the Office IR or Industry IR apps.

Energy reporting

A beta version of energy reporting is available within Philips Field Apps i.e. not yet released for production use. Please feel free to use this feature and provide us your feedback.
After scanning an EasyAir sensor and entering your location (optional), one can read out energy data.



Energy reporting

The energy report consists of five values as explained below:

- **Total consumed energy:** Accumulated consumption reported by the driver connected to the sensor through the entire lifetime of the driver. *Note: Accuracy depends on the capability of the connected Xitanium SR Driver*.
- **Average power consumption:** Total consumed energy / System on time
- **Percentage time the light has been on:** (Lamp on time / System on time) * 100
- **System on time:** Time the driver was powered on through the entire lifetime of the driver.
- **Lamp on time:** Time the LED strip connected to the driver was on (any dim level other than off) through the entire lifetime of the driver

Note: This feature only works after the system has been powered for at least one hour. The interval at which this energy reporting is refreshed with new information is 1h.

EasyAir Office IR

For EasyAir SNS200

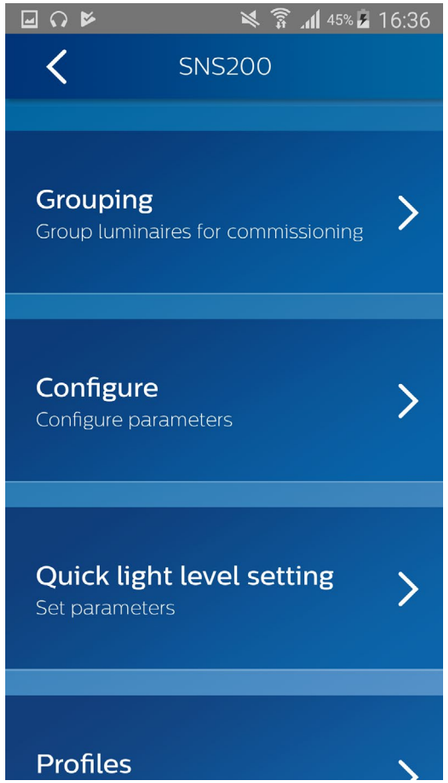
Features overview Easy Air SNS200

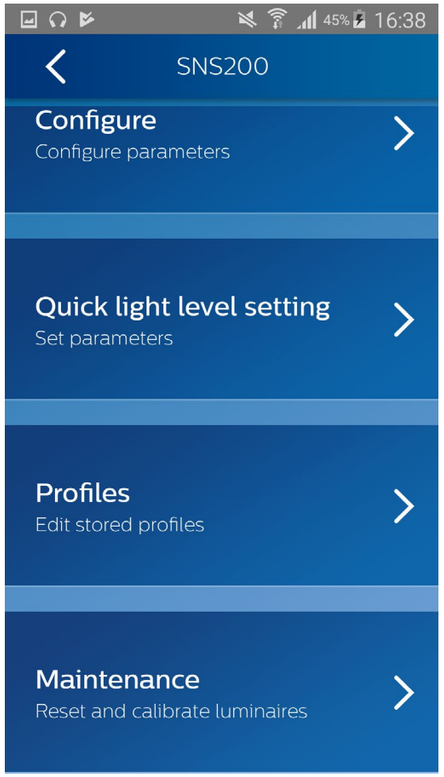
For using the **EasyAir Office IR** sub-app for EasyAir SNS200, it is recommended to use an IR Dongle (available via Philips).

Create a group of luminaires with EasyAir sensor and add switches to the group

Configure sensor parameters

Make a few quick light level settings (background and field task light levels)





Program sensors with stored profiles or edit stored profiles

Reset luminaires network or parameters

Grouping

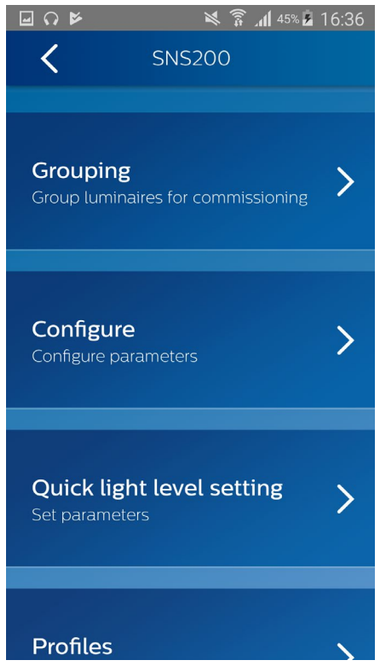
Create group

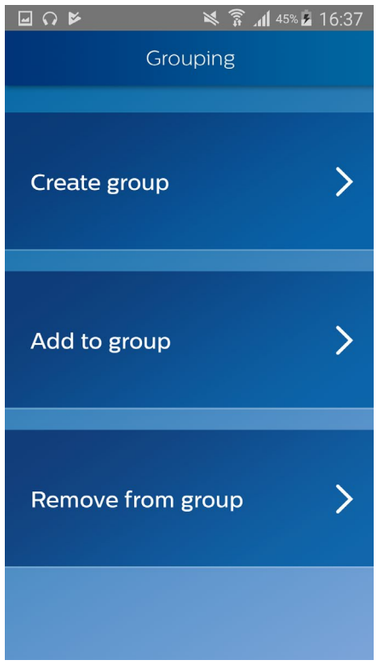
Multiple luminaires can be added in groups. Let us suppose you want to group two luminaires (assuming 1 sensor per luminaire), as the following:

Note: For proper group functioning it is recommended to limit the number of luminaires (sensors) in a group to 40.

Grouping

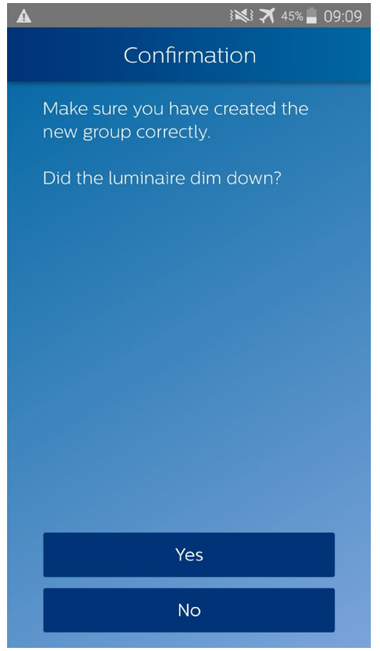
Create group



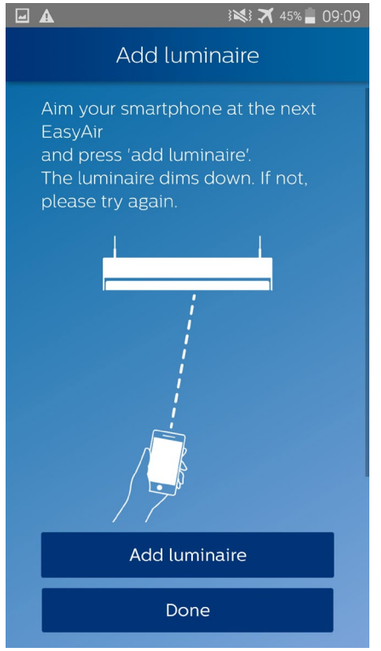


1. Open the sub menu Create group under Grouping menu

2. Aim the smartphone at the sensor of the first luminaire and press **Create group**



3. Check that the luminaire dimmed down, indicating that it is added to Group A.

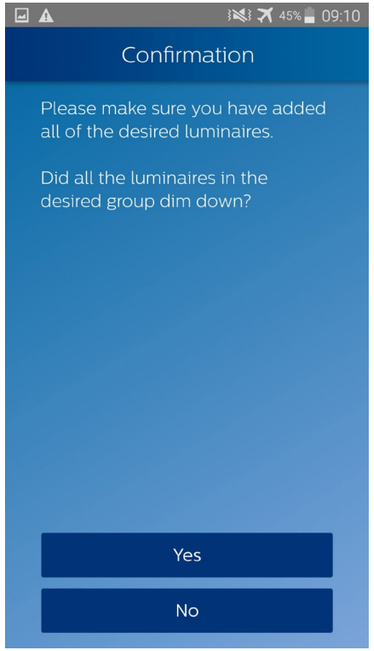


4. Aim the smartphone at the sensor of luminaire 2, and press **Add luminaire**.
*Repeat this step with as many luminaires you want to add to this group.
Once ready, press **Done**.

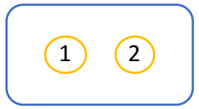
1 2

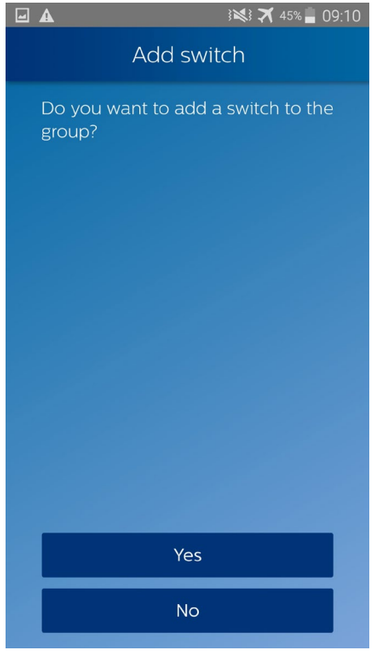
Grouping

Create group

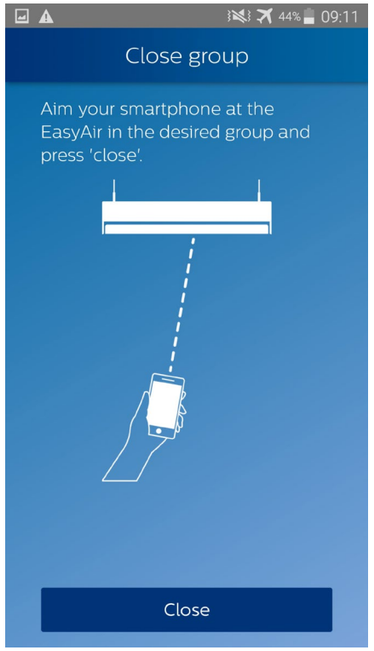


5. Check that both luminaires of the group dimmed down indicating that they both are now grouped together in Group A.

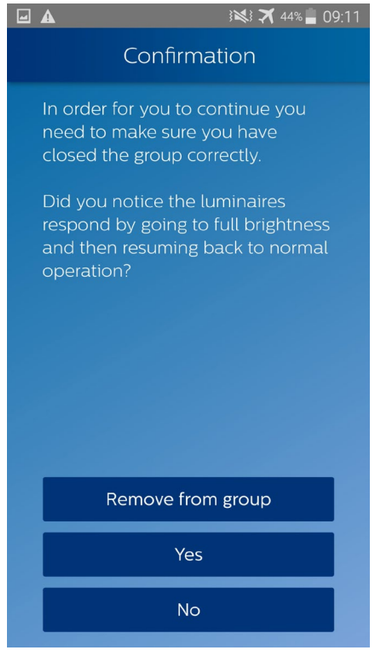




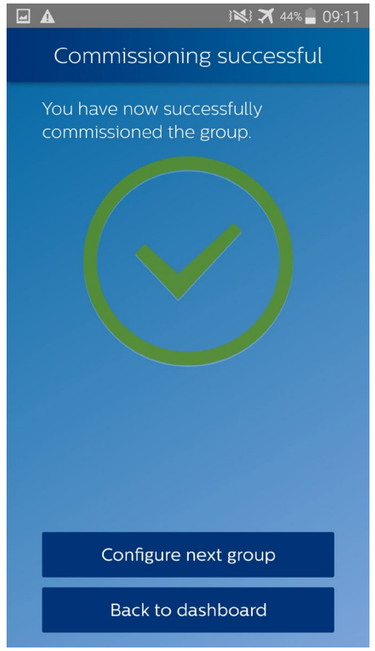
6. To proceed with closing the group, press **No**.
   You may also add a wireless switch to the group. To do so, press **Yes** and refer to “Add a wireless switch” section of the **EasyAir Office IR** sub-app.



7. Aim the smartphone to the sensor of any luminaire of the group and press **Close**



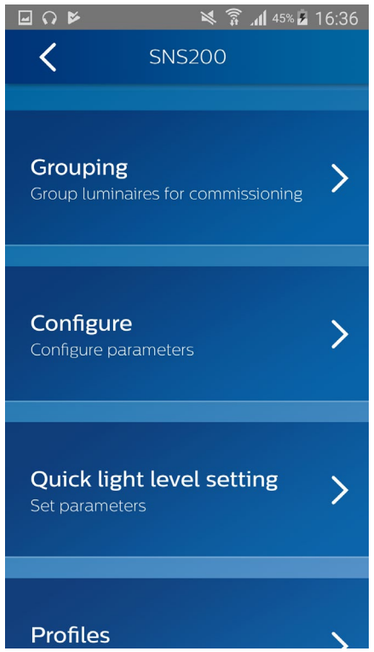
8. Check that all the desired luminaires (1 and 2) go back to full brightness before resuming to normal operation

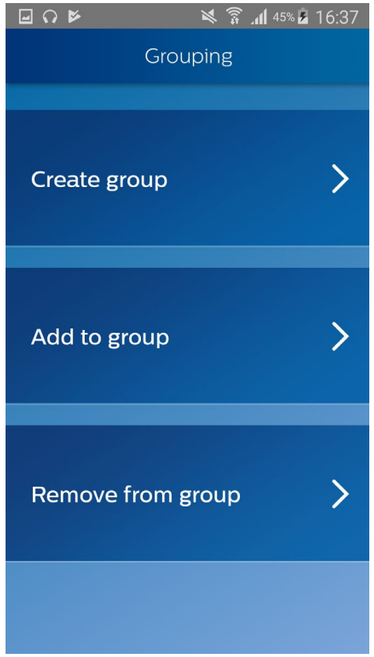


9. You have now commissioned the group. You may create a new group or go back to dashboard.

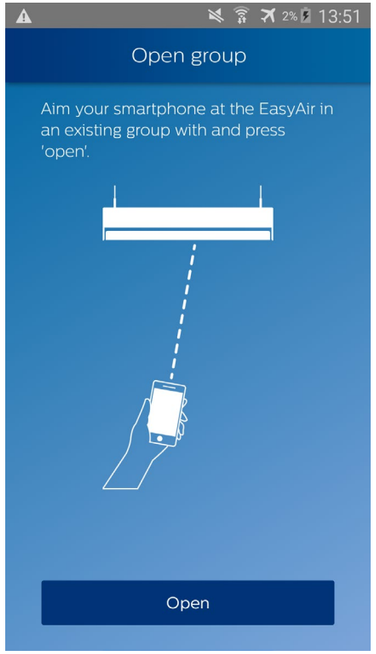
Add to group

Add a luminaire

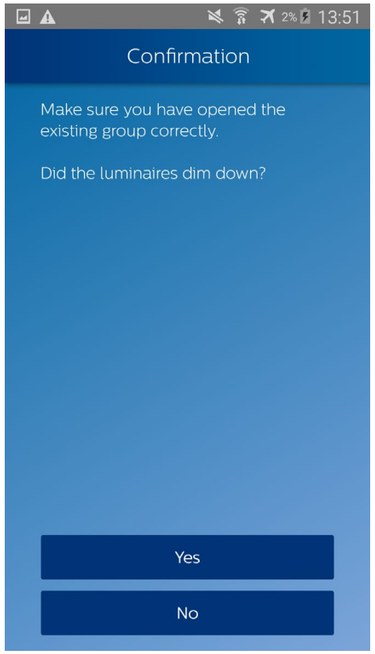




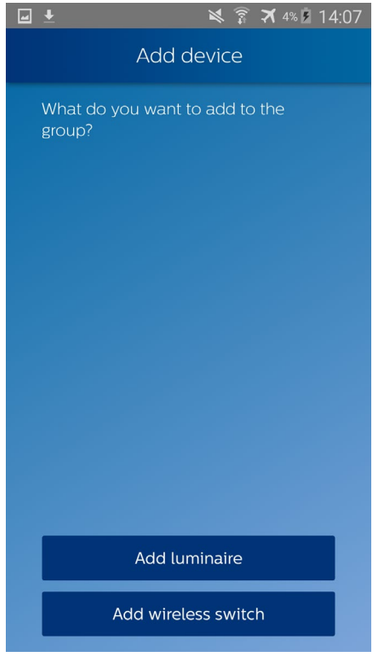
1. Open *Add to Group* sub-menu under *Grouping* menu



2. Aim the smartphone at the sensor of any luminaire of the group you want to add the new luminaire to, and press **Open**



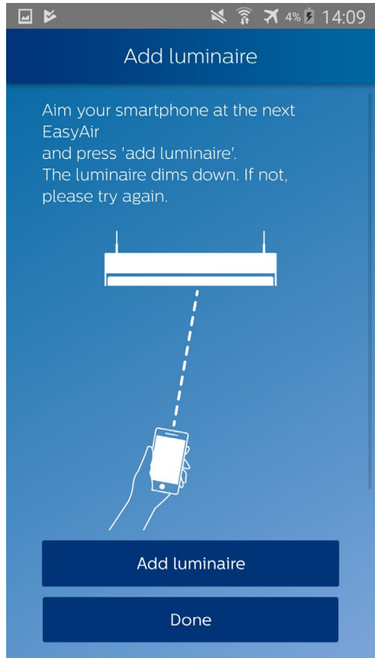
3. Check that the luminaires of the group dimmed down, indicating that the group is correctly open



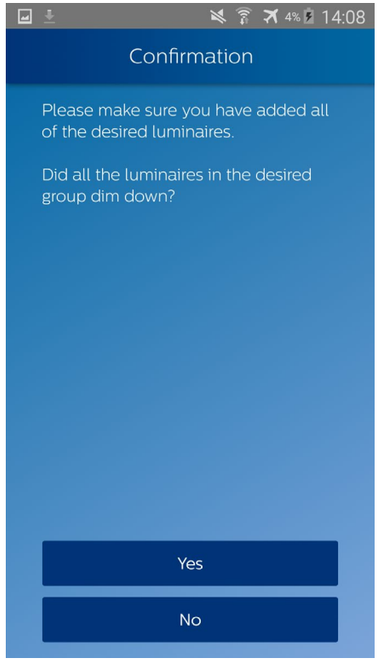
4. Press **Add luminaire**

Add to group

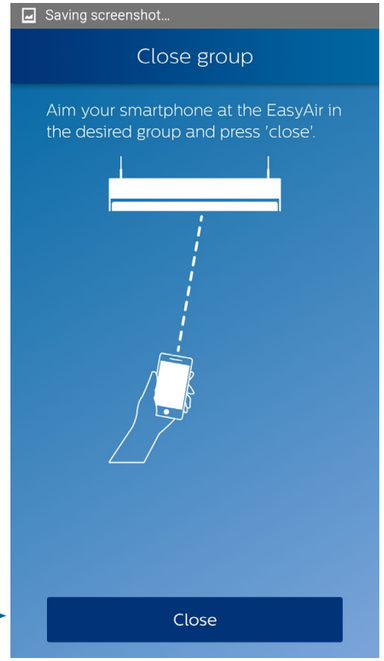
Add a luminaire



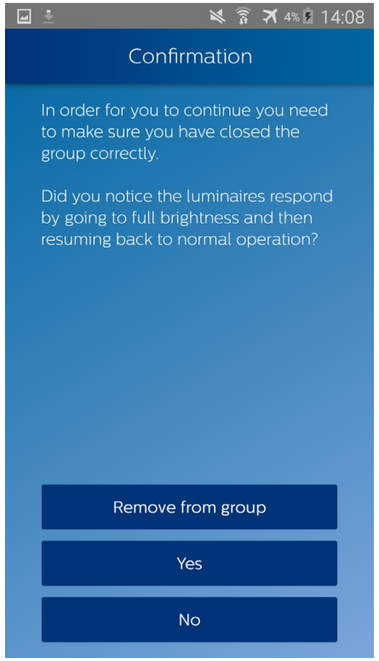
5. Aim the smartphone at the sensor of the luminaire to add in the group, and press **Add luminaire**.
   If the luminaire dims down, press **Done**.



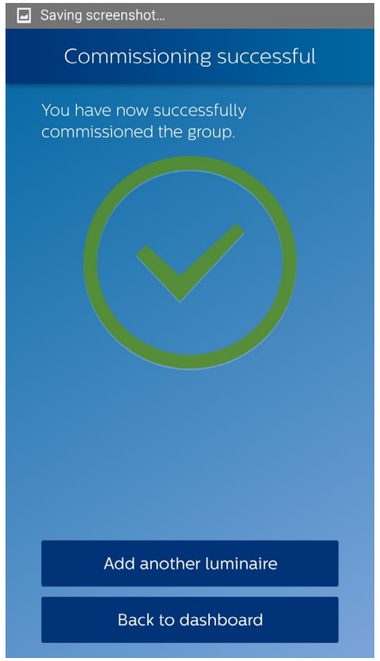
6. Check that all the luminaires of the group dimmed down



7. Aim the smartphone at the sensor of any luminaire of the group and press **Close**



8. Check that all the luminaires of the group went to full brightness before going back to normal operation, indicating that the group is closed. Press **Yes**



9. The new luminaire now belongs to the group

Add a wireless switch

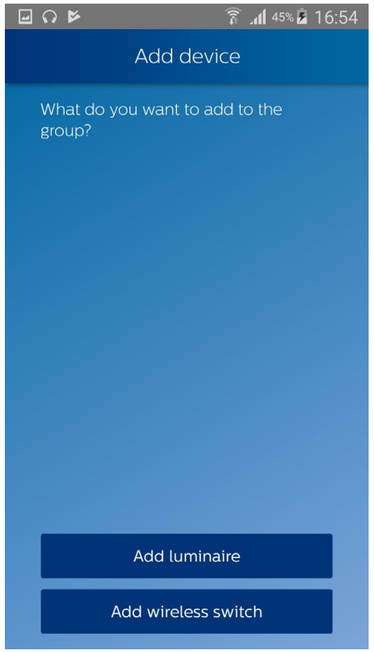
Each brand of switch has a different way of being added to a group. For information on supported switches and their associated commissioning procedure, read the documents in the “Downloads” section of our website:
http://www.lighting.philips.co.uk/oem-emea/products/connected-lighting.html

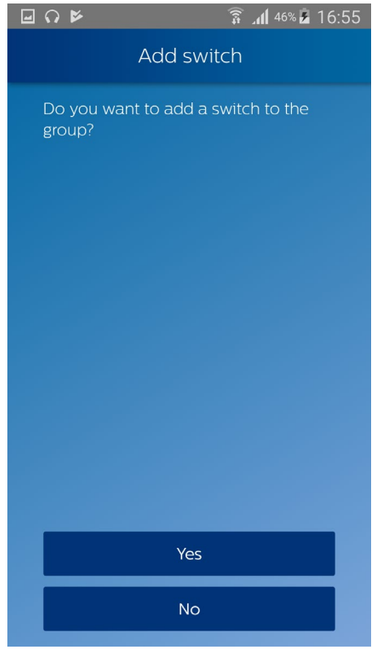
The wireless switches that can be grouped to our luminaires are from the following brands:

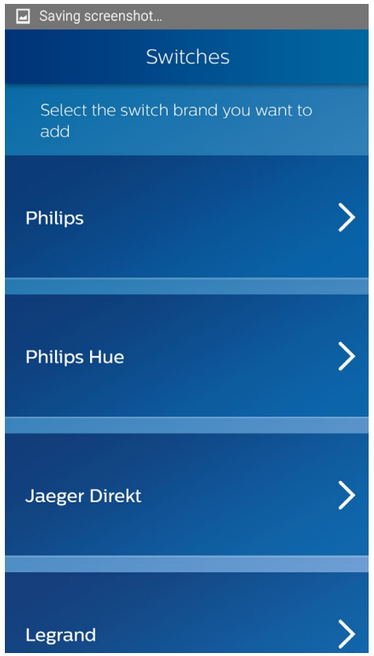
- **Philips**
- **Philips Hue**
- **Jaeger Direkt**
- **Legrand**
- **Vimar**

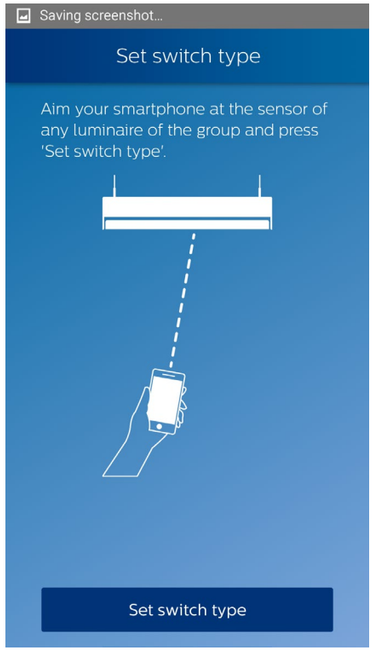
Note: there is no procedure to remove a switch from a group – the user will need to reset the network via Maintenance menu (please refer to “Reset Network Settings” in EasyAir Office IR app).

Add a wireless switch









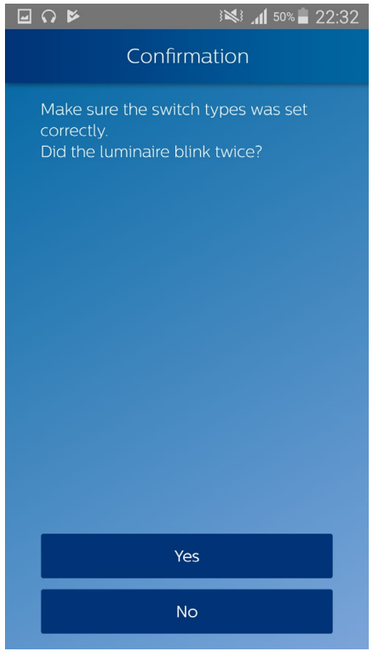
0. Repeat step 1 to 3 of section “Add a luminaire”

1. Press **Add wireless Switch** and confirm

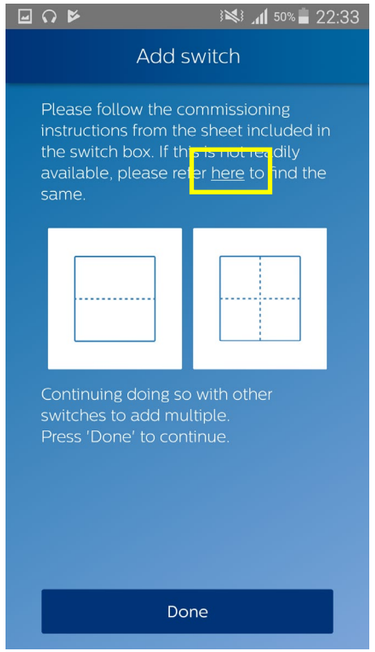
2. Select the switch brand you want to add to the group

3. Aim your smartphone to the sensor of any luminaire of the group, and press **Set switch type**

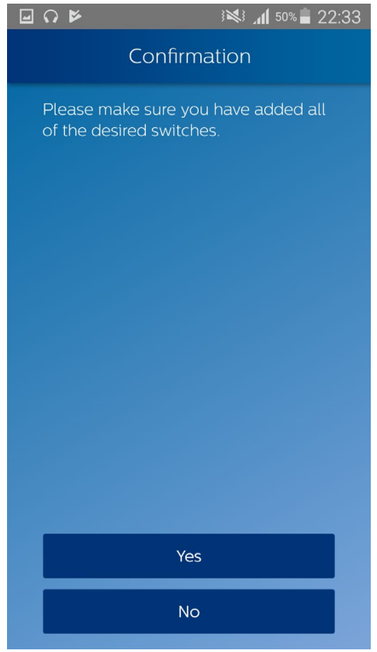
Add a wireless switch



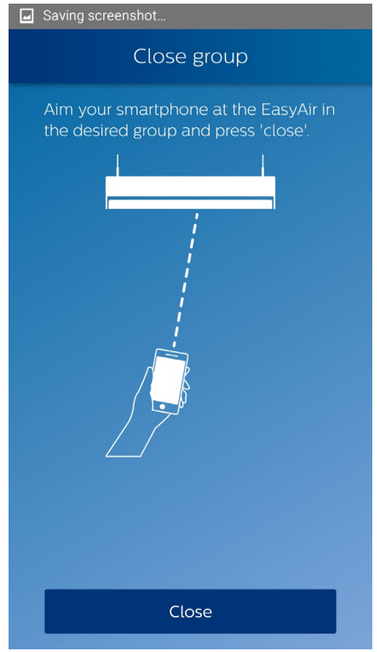
4. Check that the luminaires of the group blinked twice, indicating the switch type was set correctly



5. Follow the commissioning instructions on the link. If you want to commission several identical switches, repeat this step. Once ready, press **Done**

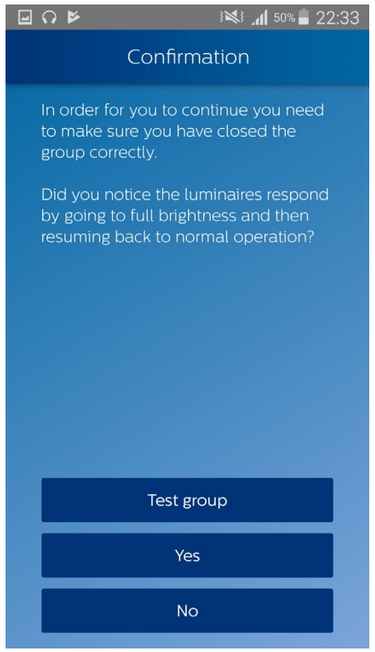


6. Check that you added all the desired switches

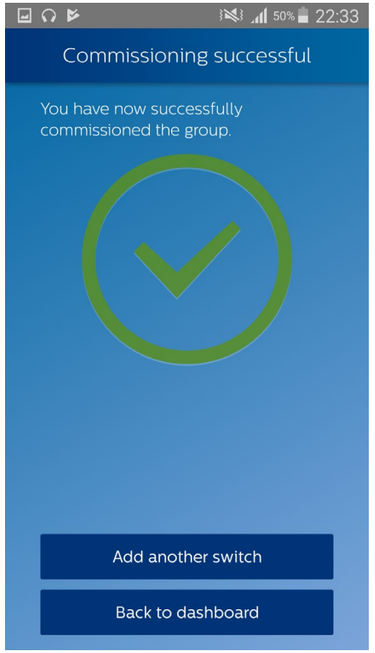


7. Aim your smartphone at the sensor of any luminaire of the group and press **Close**

Add a wireless switch



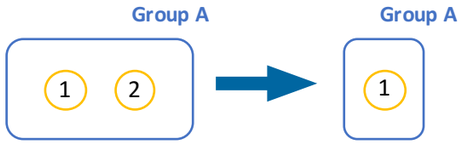
8. Check that the luminaires of the group went to full brightness before resuming to normal operation, indicating the group is closed

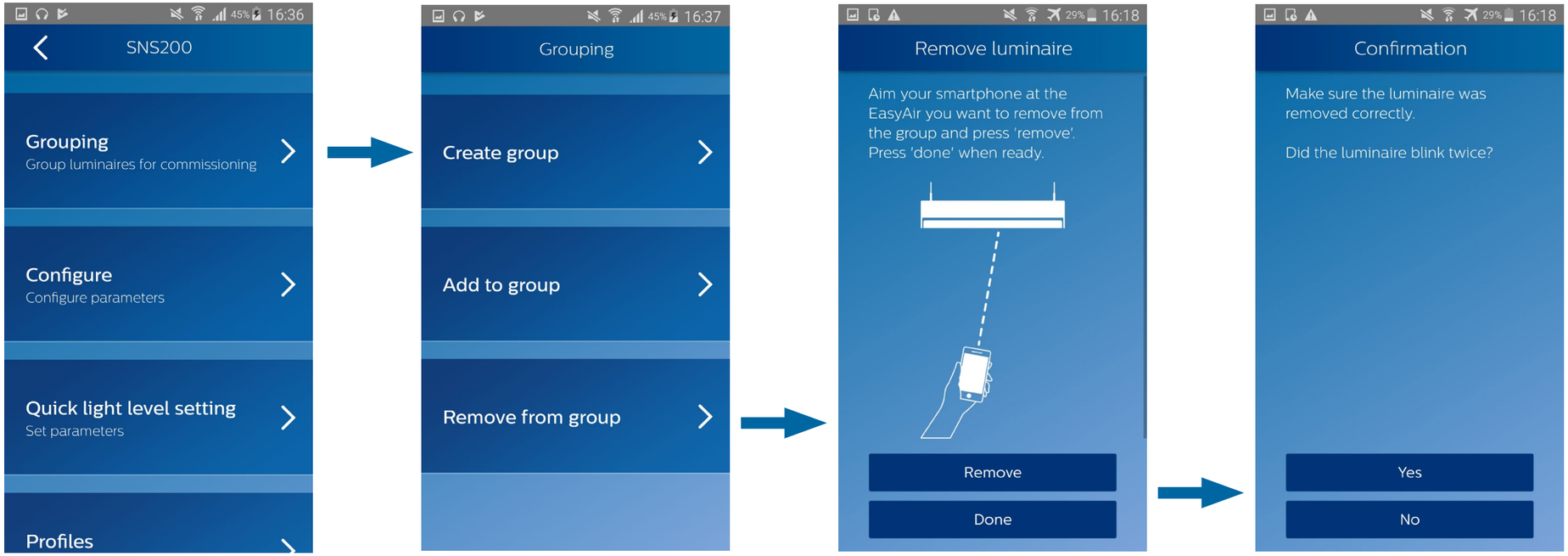


9. You have added the wireless switch to the group. You may add another one, or resume to dashboard.

Remove from group

The procedure to remove a luminaire from a group is straightforward.
Let us suppose we want to remove luminaire 2 from the group:

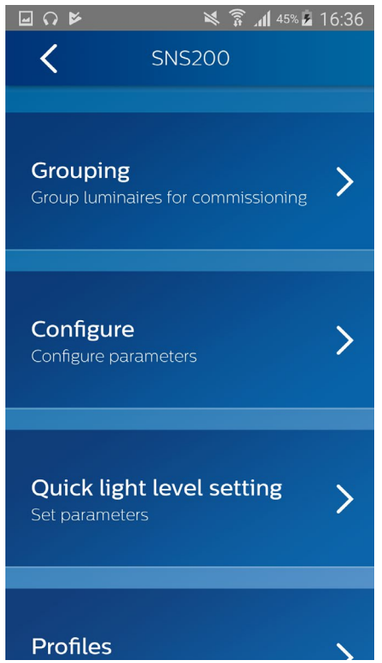


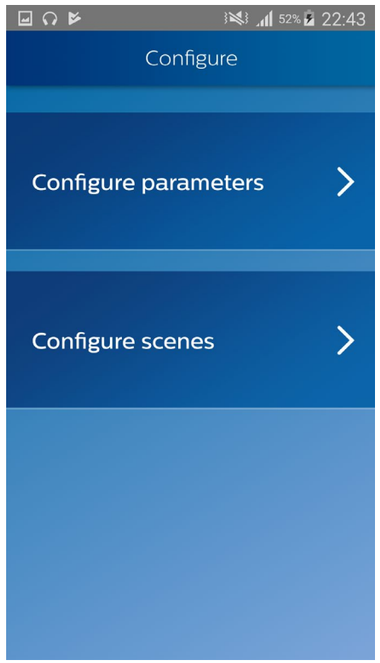


1. Open the Remove from group submenu
2. Aim the smartphone at the sensor of the luminaire you want to remove (luminaire 2) and press **Remove**.
   Once ready, press **Done**.
3. Check that the remaining luminaires of the group (luminaire 1) blinked twice

Configure parameters and scenes

Configure parameters



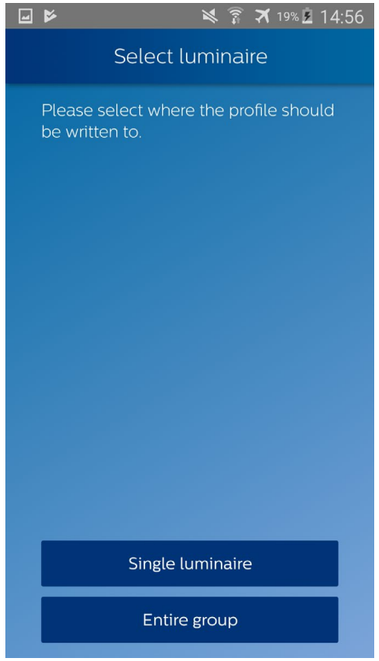


1. Open the *Configure parameters* submenu under *Configure* menu.

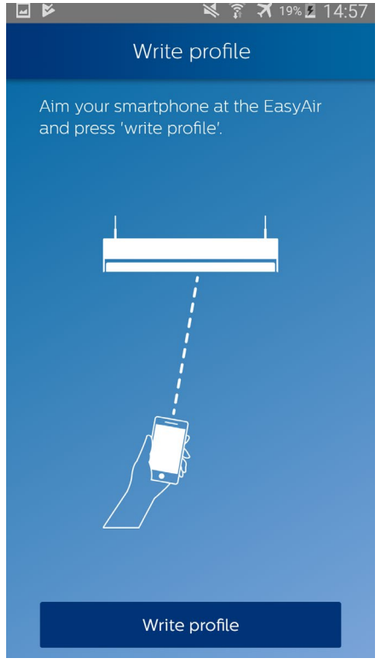
2. Configure parameters to desired settings. Once ready, press **Confirm**.

* Please refer to “Configure parameters” section of **EasyAir NFC App** for the detailed list of parameters and saving the setup as a profile.

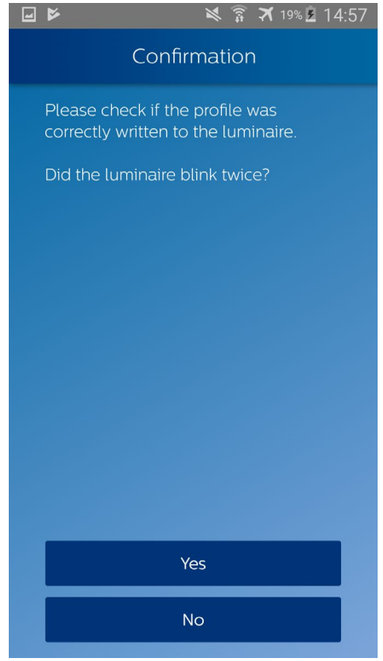
Configure parameters



3. The profile can be written to a single luminaire or to an entire group.



4. Aim the smartphone at the luminaire's sensor, and press **Write profile**



5. Check that the luminaire blinked twice

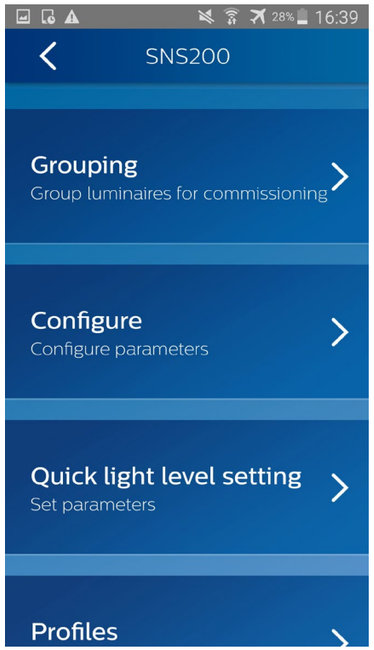
Configure scenes

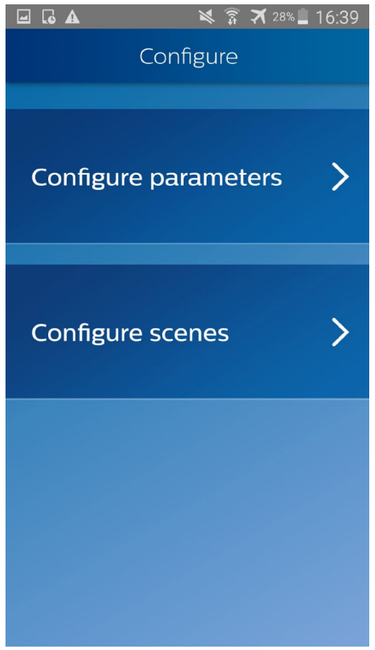
It is possible to store scenes on a 4-button wireless switch.
A scene is a particular light level setting of luminaires that can be saved on the switch.

For example, let us suppose we want to assign a scene as Scene 1:

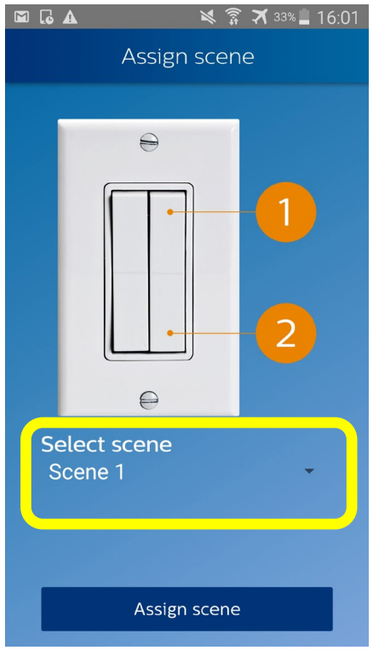
- **Scene 1** : the light level of the group associated to the switch will be 30%, with one particular luminaire at 100%
- **Scene 2** : remains at default unless configured.

Configure scenes

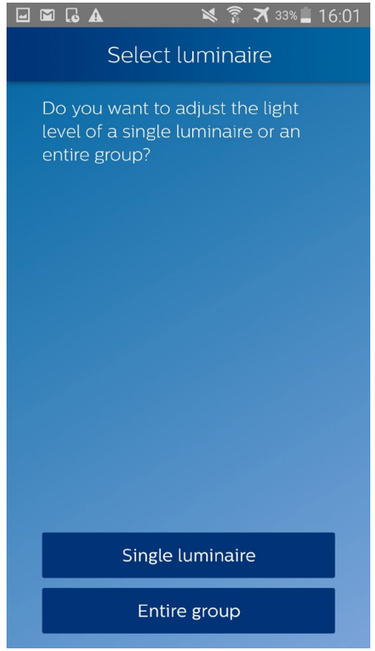




1. Open the *Configure scenes* submenu

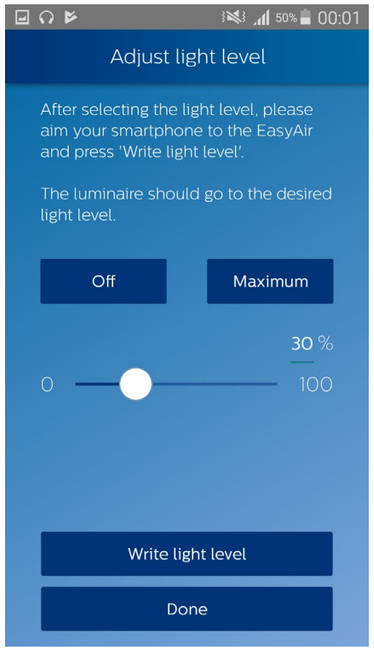


2. Select which scene to configure (Scene 1) and press **Assign scene**

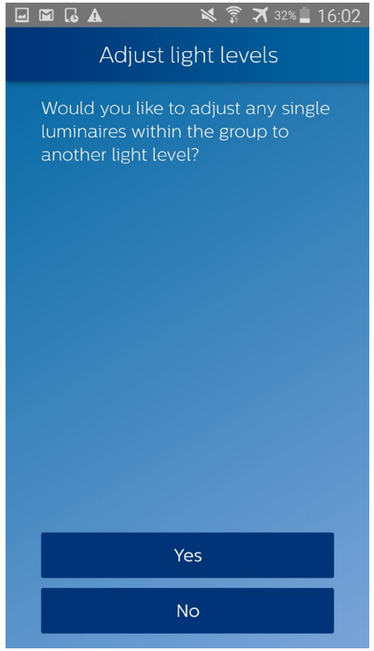


3. Choose whether to set the light level of a single luminaire or the entire group. In our case, press **Entire group**

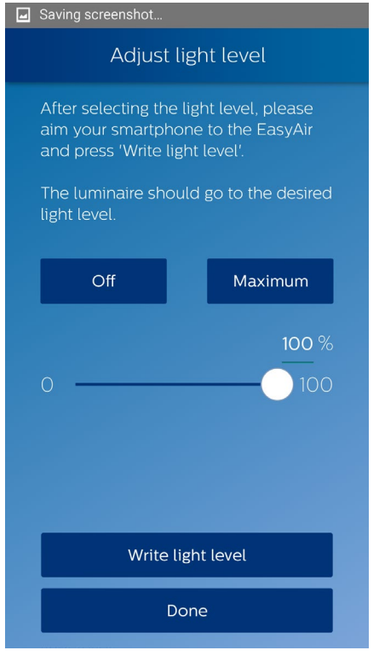
Configure scenes



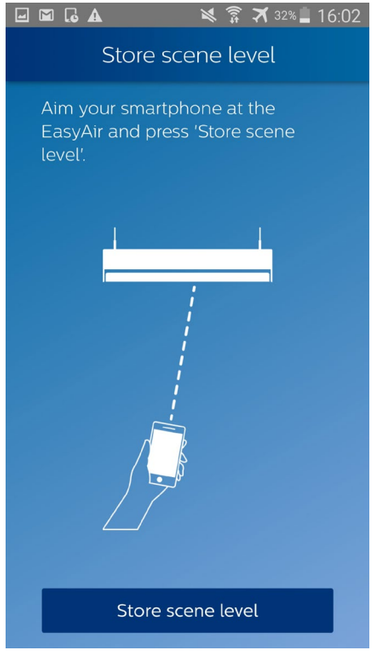
4. Set the desired light level: 30%. Once ready, aim the smartphone at the sensor of a luminaire of the group and press **Write light level**. Check that the luminaires went to the desired light level, then press **Done.**



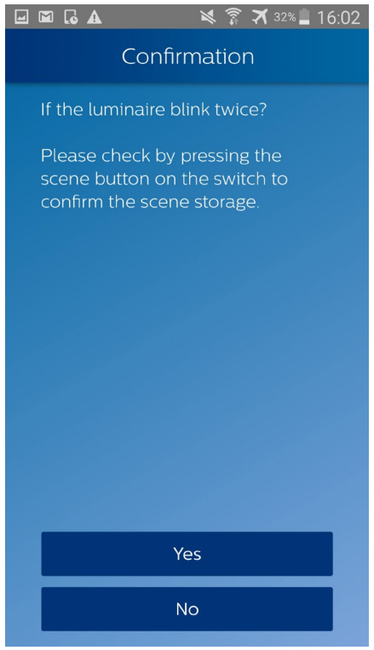
5. Decide whether to adjust any single luminaire of the group to another light level. In our case, press **Yes**.



6. Repeat step 4 with a light level of 100%



7. Aim the smartphone at the particular luminaire, and press **Store scene level**

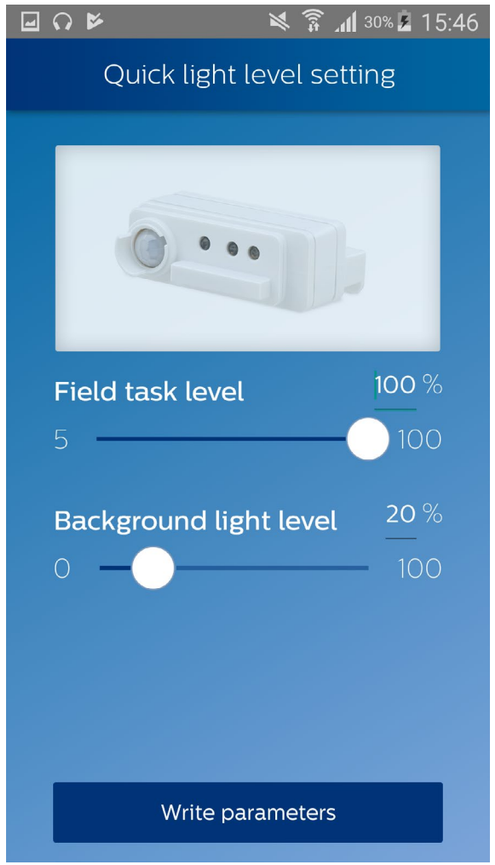


8. Check if the luminaires of the group blinked twice, and that the scene is properly stored on the sensor and is associated to the switch.

To store a **second scene,** repeat steps 1 to 8 and choose "**Scene 2**" at step 2.

Configure scenes

This menu allows you to quickly setup the **field task level** and **background light level** of a single luminaire or an entire group.



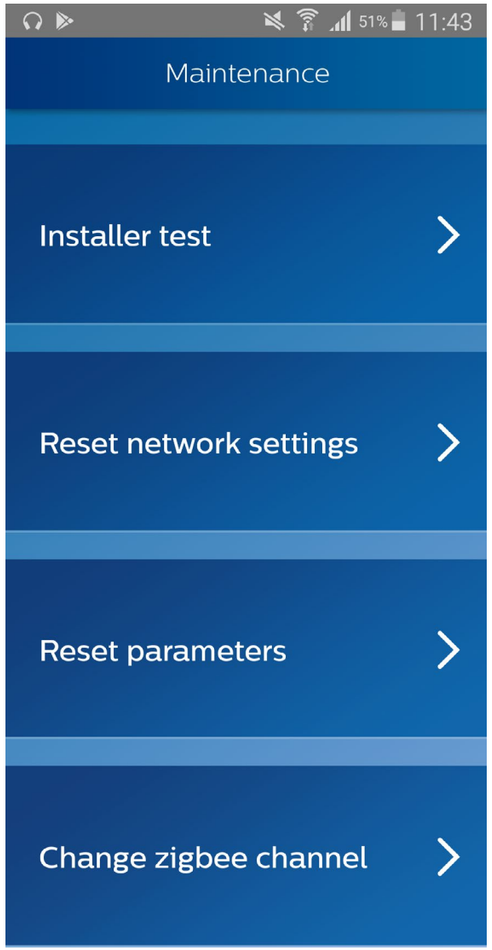
Use/edit stored profiles

Please refer to “Profile” section in EasyAir NFC app.

The user can choose to write a stored profile to either a single luminaire or an entire group.

Maintenance

Features overview



Check the luminaires added to a group

Reset a group of luminaires or remove a luminaire from a group

Reset light parameters of a single luminaire or a group

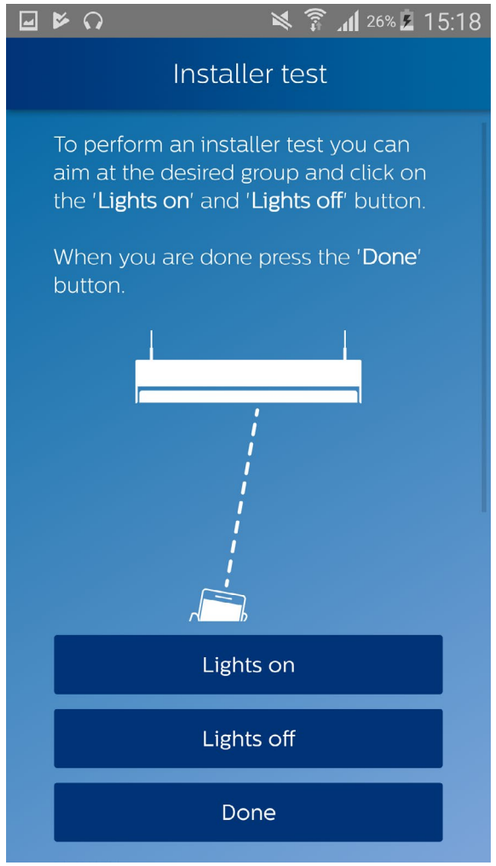
Change Zigbee channel of the luminaire network if there is interference

Installer test

The installer test helps the user to identify the created groups.

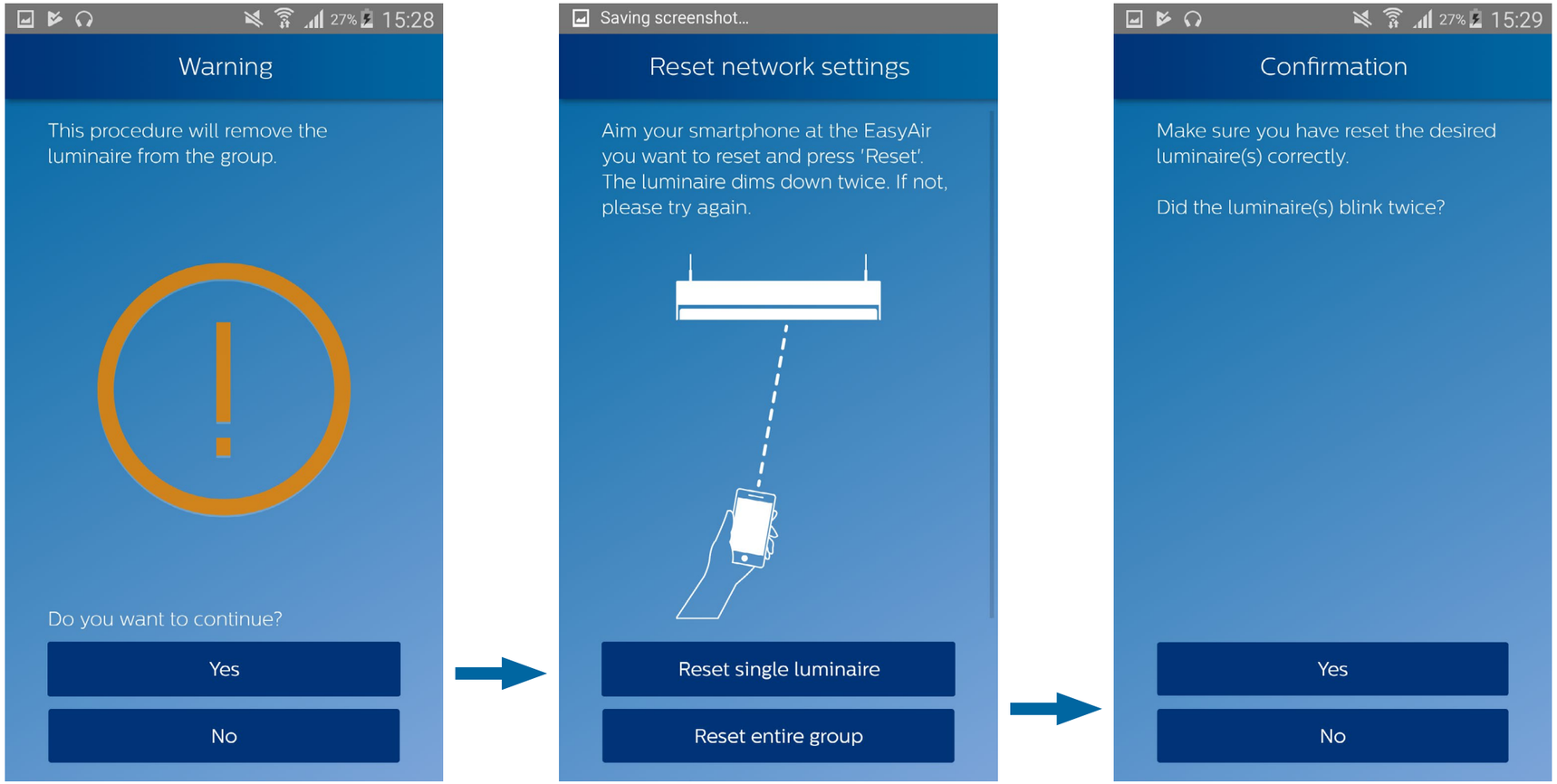
Aim at a sensor of a luminaire with the smartphone. By pressing **Lights on** (or **Lights off**), all the luminaires belonging to the same group will go to full brightness (or shut down).

Once ready, press **Done** to go back to menu.



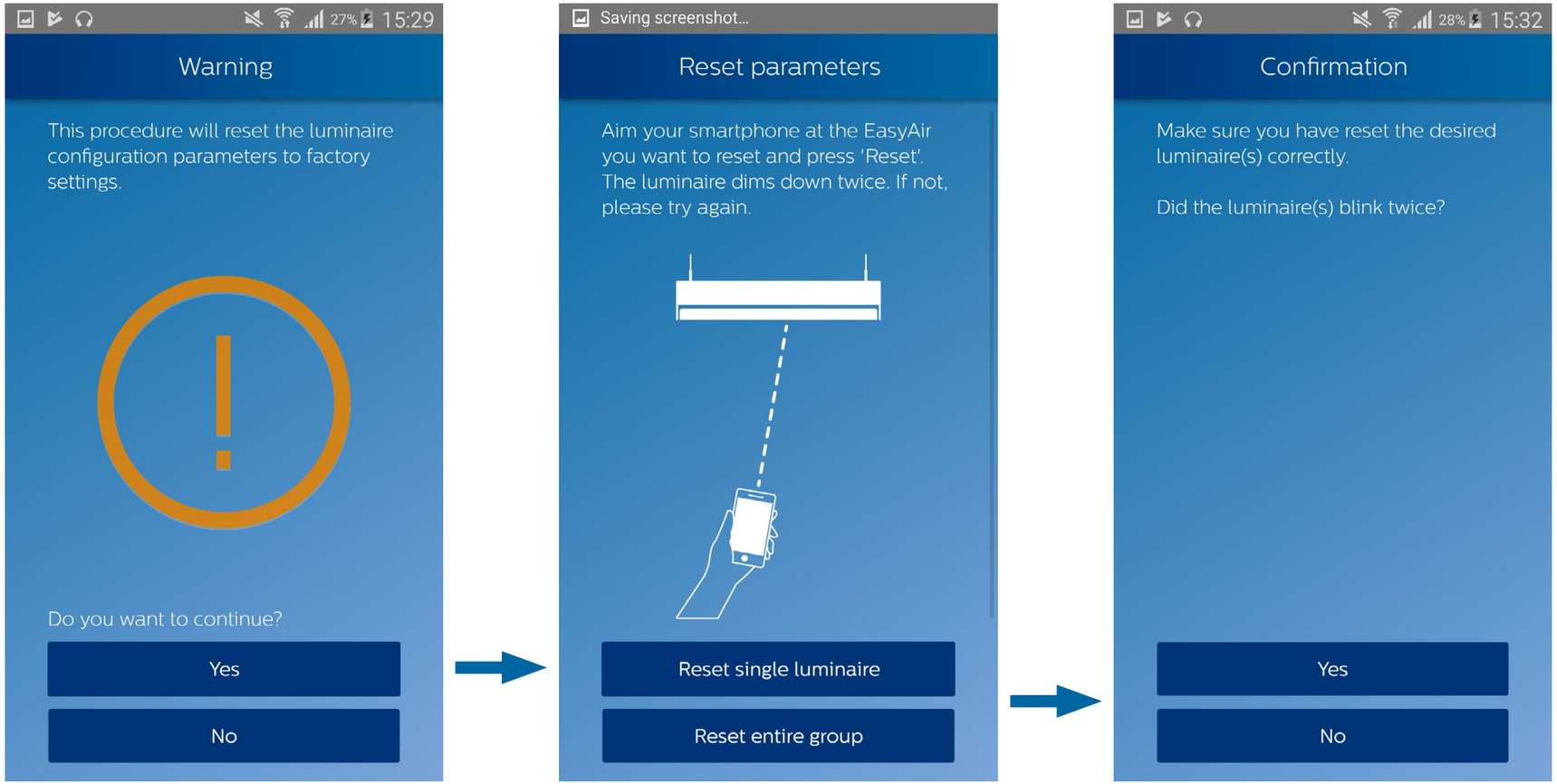
Reset network settings

It is possible to reset a single luminaire (it will remove it from the group) or an entire group.
Make sure that the luminaires remaining in the group blinked twice after the procedure.



Reset parameters

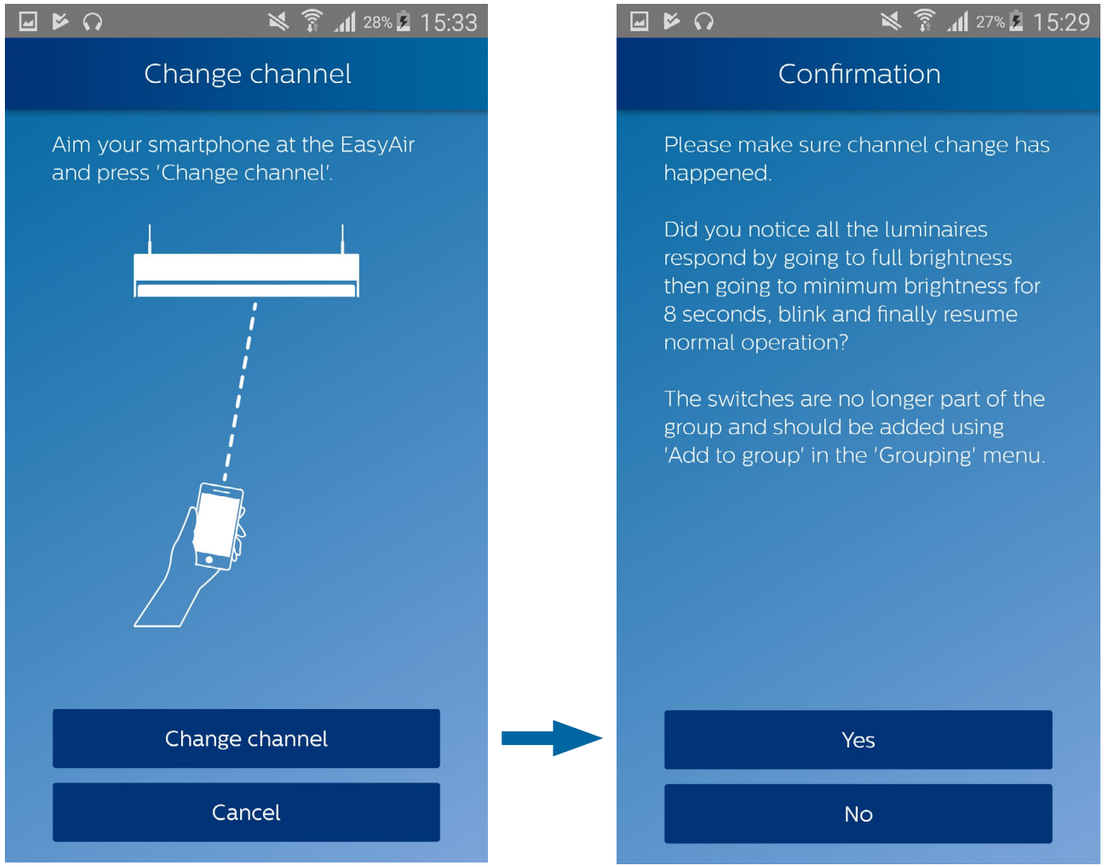
With this option, the EasyAir sensor is set back to the default state. The network of luminaires will remain unchanged.
The table of parameters and their default values is available in the “Scan device to configure parameters” section of the EasyAir NFC App.



Change Zigbee channel

If there is interference, it is possible to change the Zigbee channel of luminaires.

Careful: the switches will no longer be part of the group after changing the channel. They should be added again (please refer to “Add switch” section) of **EasyAir Office IR app**.



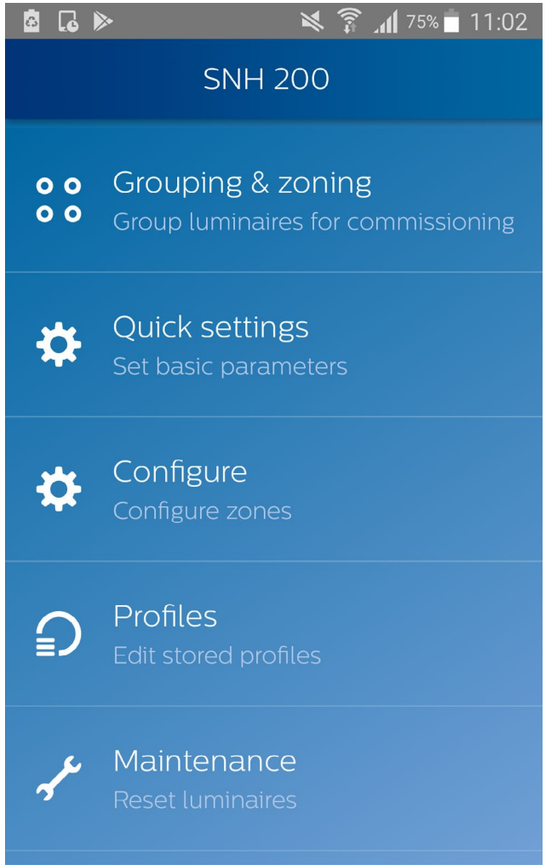
Make sure luminaire(s) removed from the group blink twice. The luminaires remaining in the group does **NOT** blink.

EasyAir Industry IR

For EasyAir SNH200

Features overview EasyAir SNH200

With this option, the EasyAir sensor is set back to the default state. The network of luminaires will remain unchanged.
The table of parameters and their default values is available in the “**Scan device to configure parameters**” section of the EasyAir NFC App.



Create a group of luminaires with EasyAir sensors, create zones within groups, add switches to the group

Make a few quick light level settings (field task level and background task level) to a single luminaire or entire group.

Configure sensors. Possibility to store the profile.

Configure sensors using stored profiles, edit previously stored profiles.

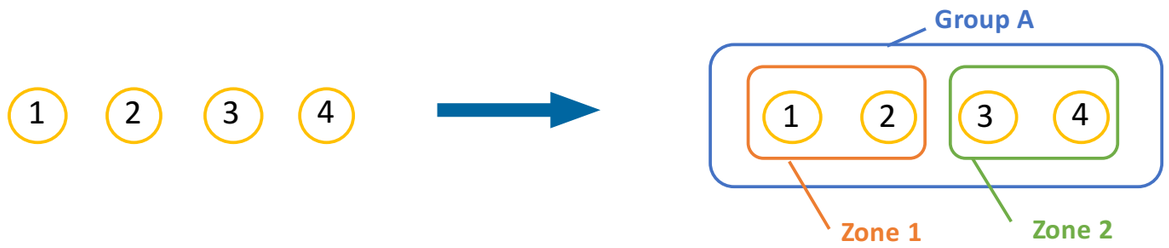
Perform installer tests or check zones or reset sensors (parameters or network)

Grouping and zoning

Create a group with zones

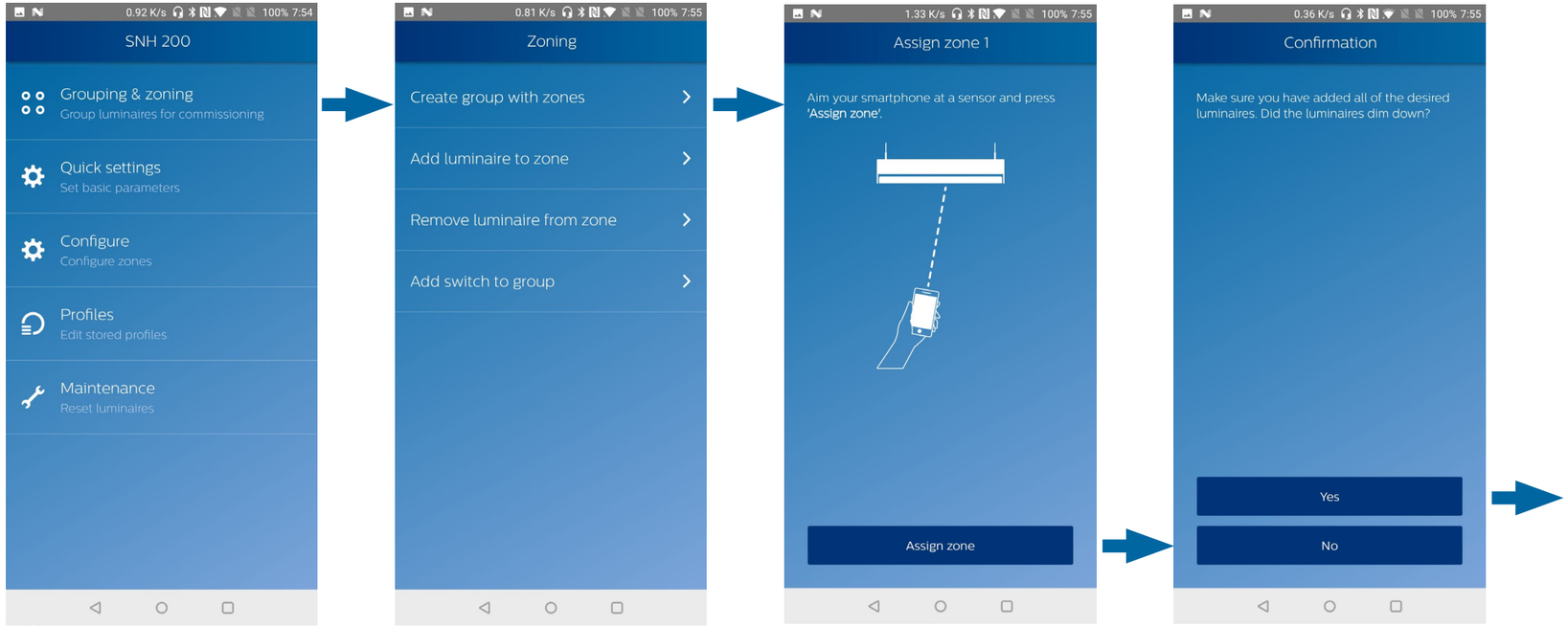
We will use an example to explain how to group and zone luminaires. Grouping along with zoning is a feature of the EasyAir Industry IR app, so make sure you have a Philips IR dongle connected to your phone before proceeding.

Let us suppose you have 4 luminaires with a sensor per luminaire, and want to group/zone them as shown below:



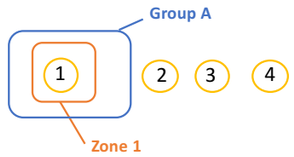
Grouping and zoning

Create a group with zones



1. Open the submenu *Grouping & Zoning* > *Create group with zones*

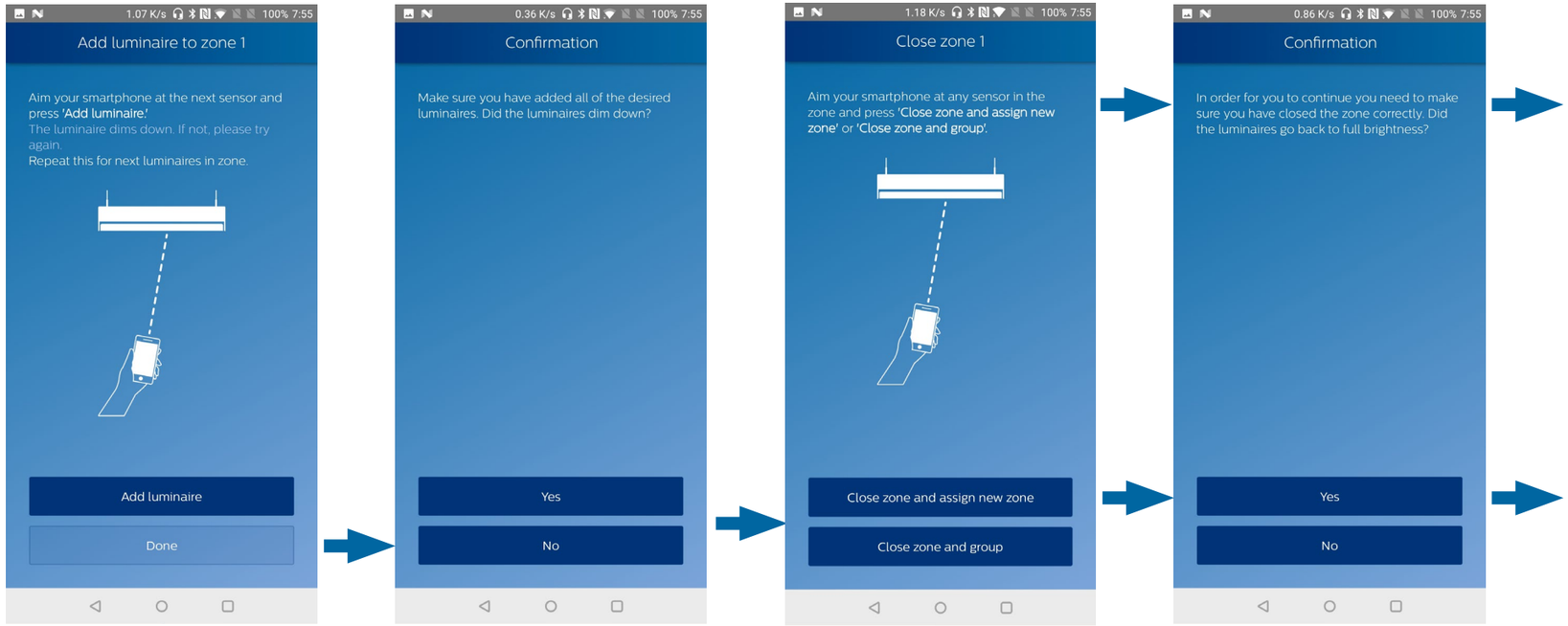
2. Aim smartphone at sensor 1 and **Assign zone**.



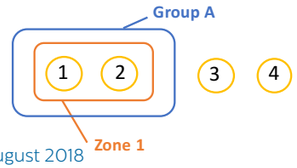
3. Check that the respective luminaire (luminaire 1) is dimmed down, implying that it is added to zone1 within Group A.

Grouping and zoning

Create a group with zones



4. Aim smartphone at sensor 2 and **Add luminaire.** The luminaire will dim down implying it is added to zone 1.
   Then press **Done**.



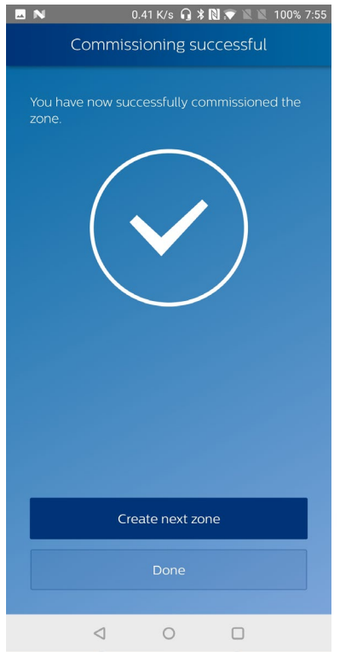
5. Repeat step 3: Check that the luminaire(s) in the zone (luminaires 1+2) have dimmed down.

6. Aim at the sensor of luminaire 1 or 2 (of Zone 1) and press **Close zone and assign new zone**

7. Check that the luminaires of Zone 1 (1+2) go back to full brightness

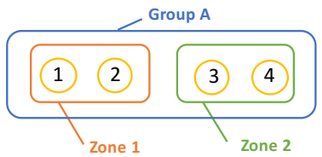
Grouping and zoning

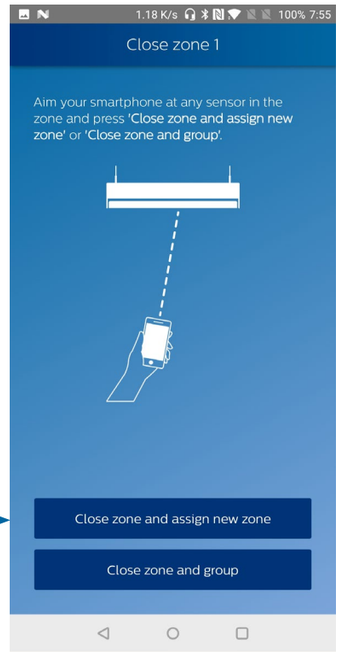
Create a group with zones



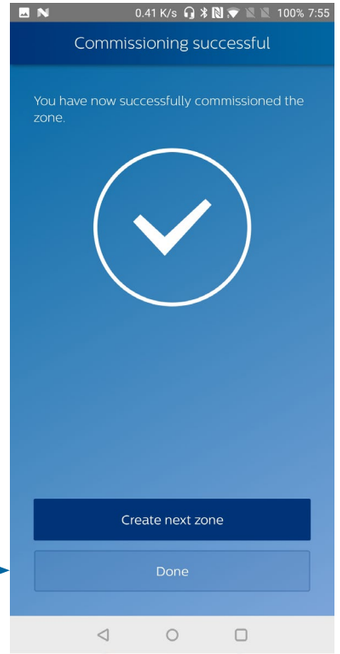
8. Press **Create next zone**

9. **Repeat** step 2 to 5 with the luminaires 3 and 4 to add them to zone 2 within Group A.





10. Press **Close zone and group**



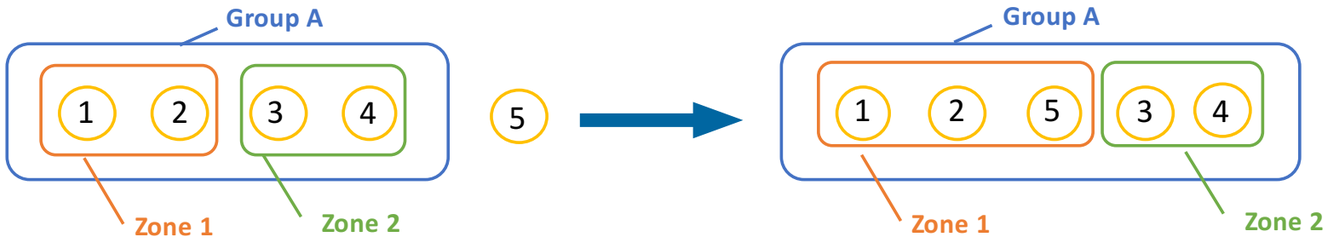
11. Repeat step 6 (check that luminaires of zone 2 go to full brightness), then press **Done**

Add luminaire to a zone

To add a luminaire to a zone, there are two possibilities: Adding the luminaire to an existing zone of the group, or to a free one (i.e. creating a new zone in the group).

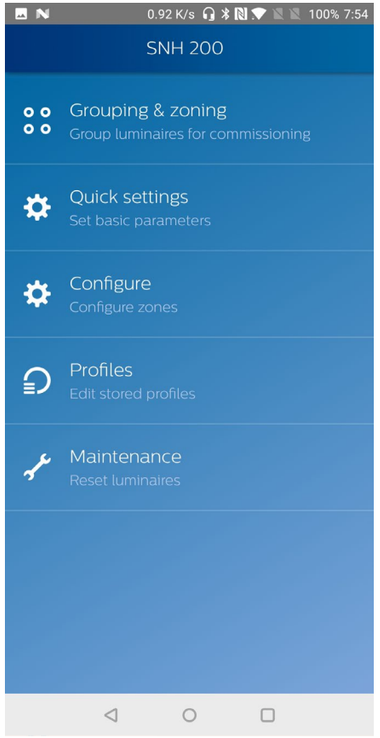
- **Add luminaire to existing zone**

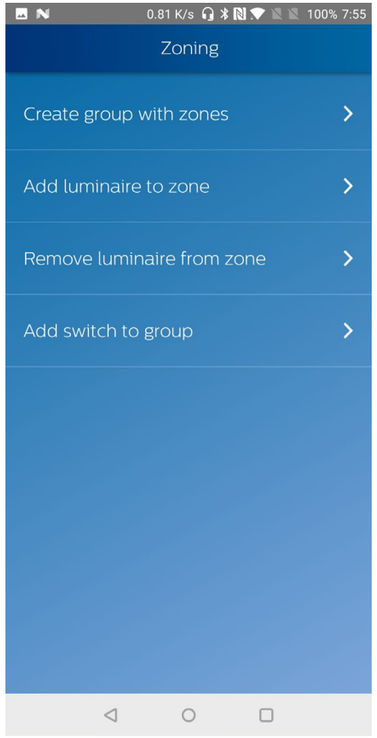
  Let us suppose we want to add a fifth luminaire to the group, in zone 1:



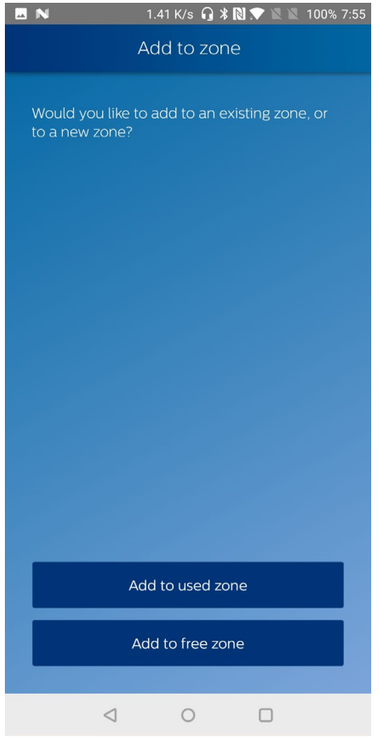
Add luminaire to a zone

To an existing zone

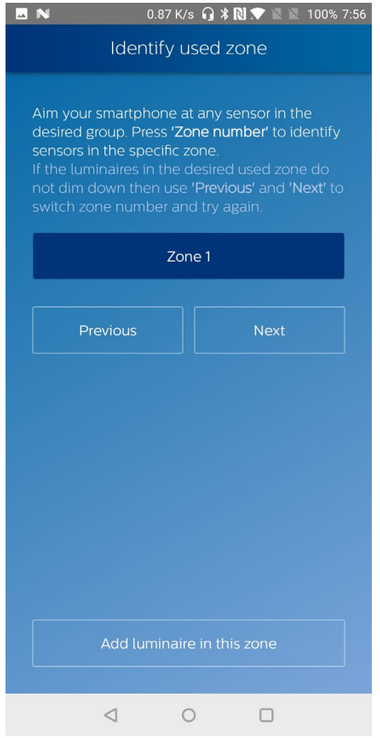




1. Open the submenu *Grouping & Zoning > Add luminaire to zone*



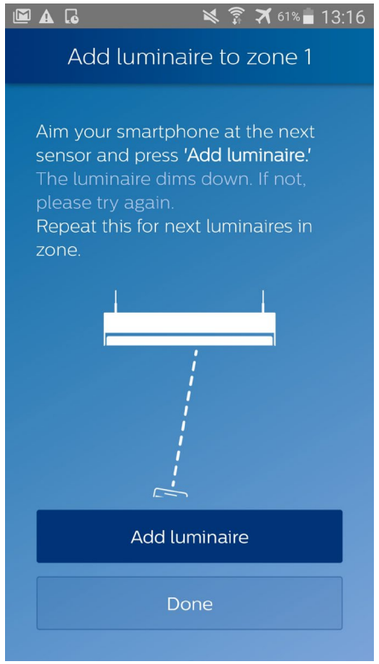
2. Press **Add to used zone**

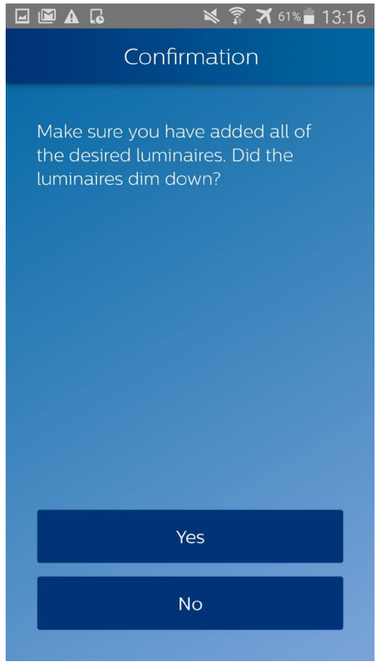


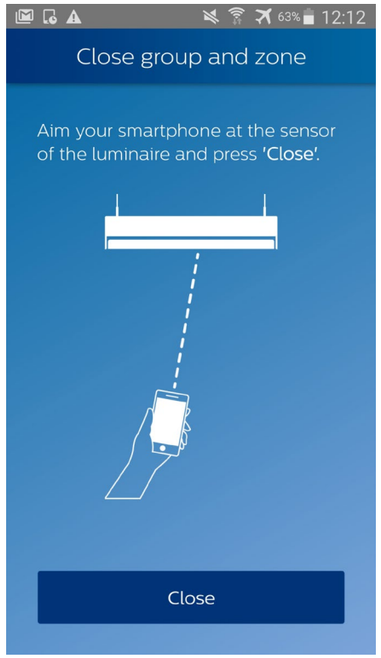
3. Select the zone the luminaire will be added to. In our case, click on *Zone 1.* Check that the luminaires from this zone (luminaires 1+2) dim down, and press **Add luminaire in this zone**.

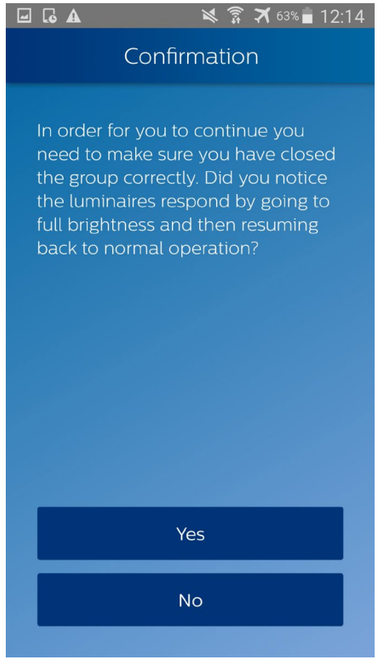
Add luminaire to a zone

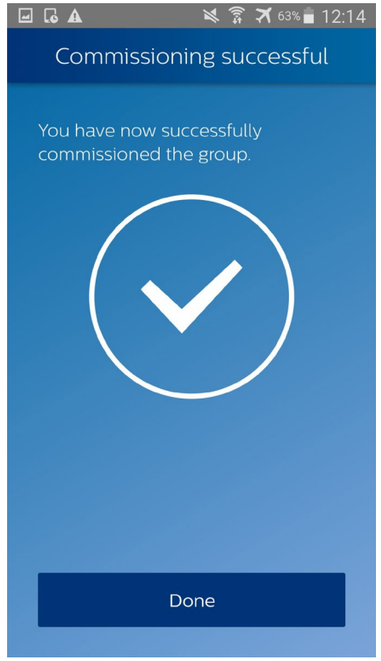
To an existing zone











4. Aim the smartphone at luminaire 5, and press **Add luminaire**. If needed, repeat with other luminaires you want to add to Zone 1. Then, press **Done**.

5. Check that the luminaires of Zone 1 (luminaires 1+2+3) dim down.

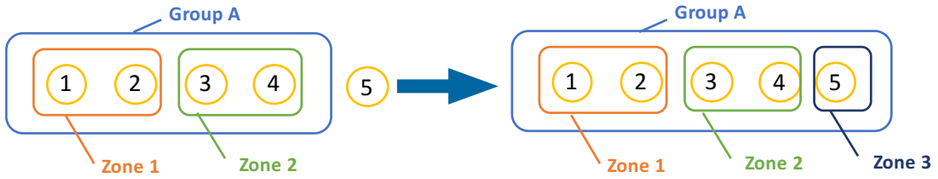
6. Aim at the sensor of a luminaire in the group, and press **Close.**

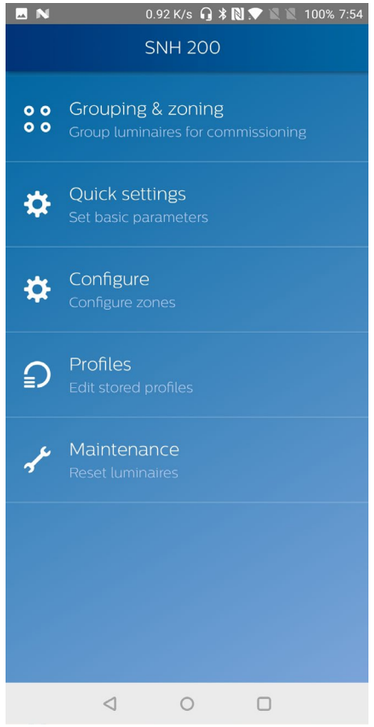
7. Check if the luminaires of the group went to full brightness before resuming to normal operation.

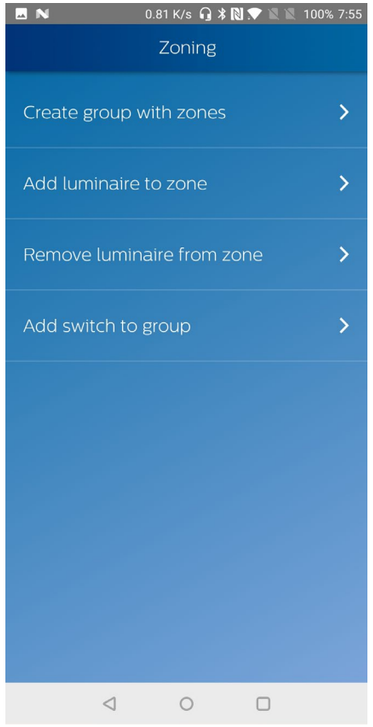
Add luminaire to a zone

To a free zone

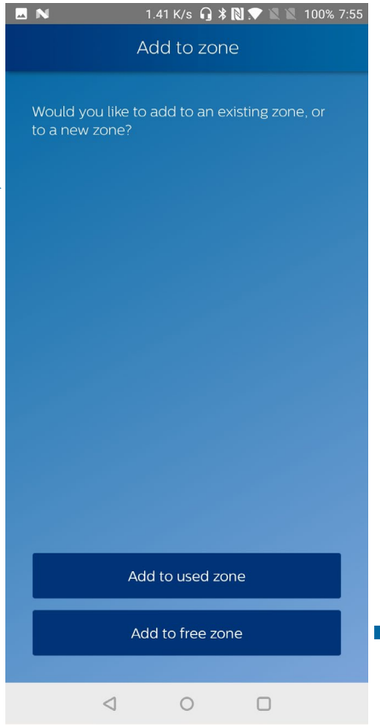
Now, let us suppose that the fifth luminaire be added to the group in a new zone: Zone 3.







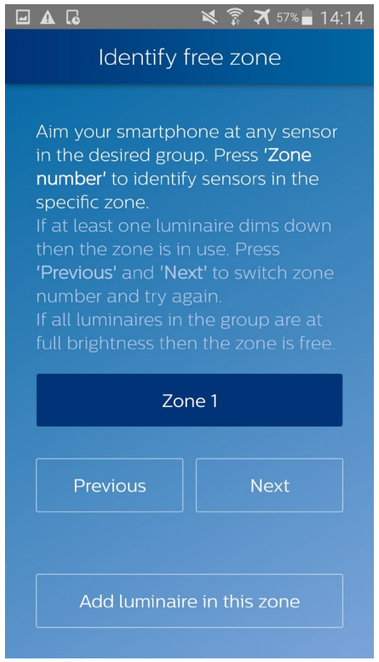
1. Open the submenu *Grouping & Zoning* > *Add luminaire to zone*



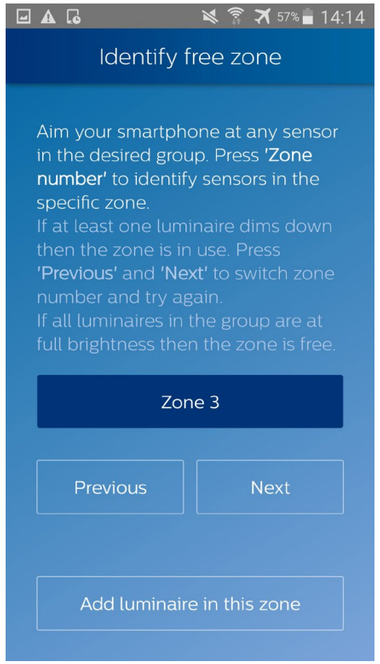
2. Press **Add to free zone**

Add luminaire to a zone

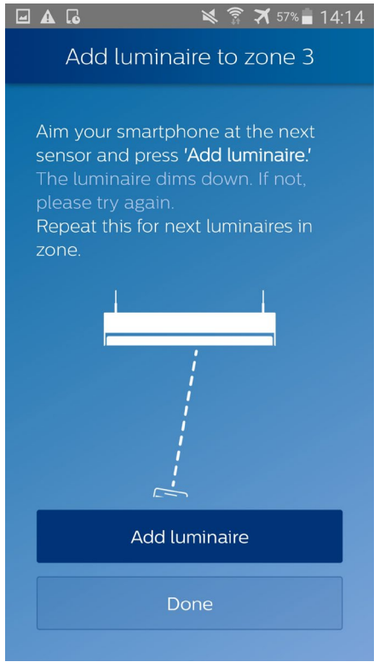
To a free zone



3. Select the zone the luminaire will be added to. In our case, the zones 1 and 2 are used already. Press **Next** to switch to Zone 3.



4. Check that none of the luminaires dim down (meaning that zone 3 is indeed free), and press **Add luminaire in this zone.**



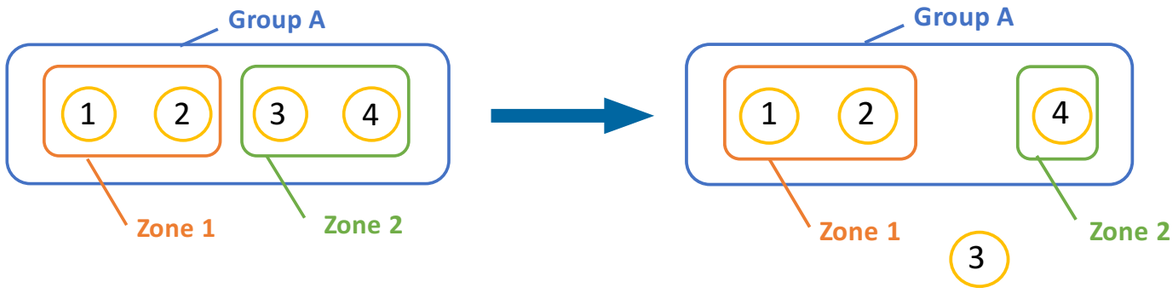
5. Aim the smartphone at luminaire 5, and press **Add luminaire**.
If needed, repeat with other luminaires you want to add the new Zone 3.
Then, press **Done**.

6. Repeat procedure of **“Add luminaire to existing zone”** section from step 5.

Remove luminaire from a zone

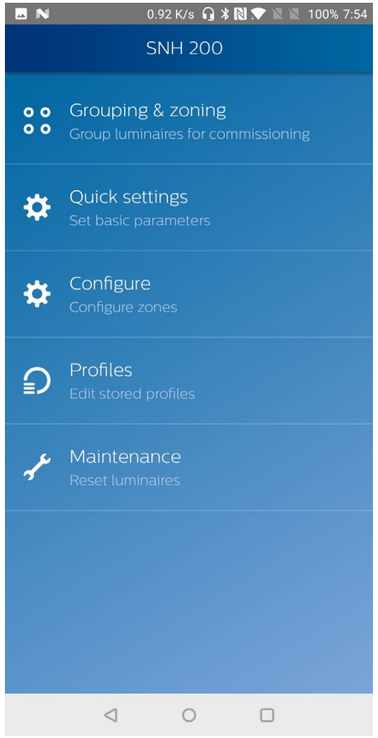
This procedure will remove the luminaire not only from its zone, but also from the group, as a luminaire cannot exist in a group without belonging to a zone.

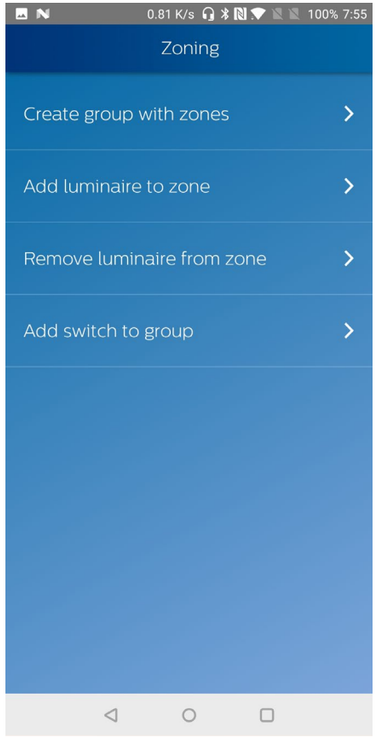
Let us suppose we want to remove the luminaire 3 from its zone:



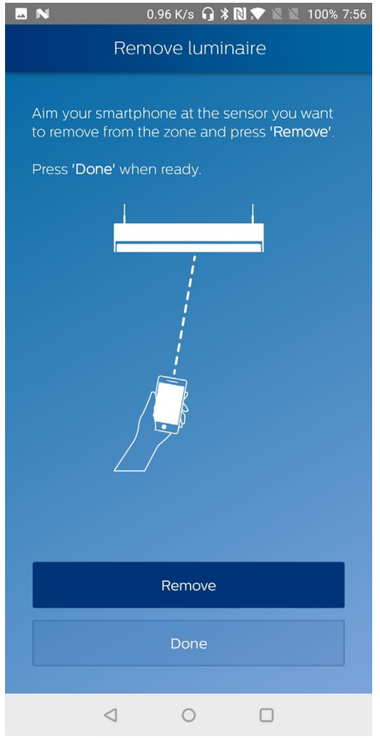
Note: to change a luminaire's zone, the user will first have to remove it from a group, then add it to the desired zone – please refer "Add luminaire to a zone" in EasyAir Industry IR app.

Remove luminaire from a zone

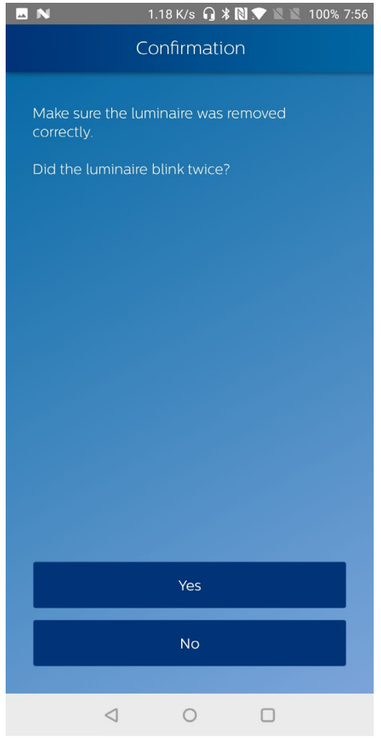




1. Open the submenu *Grouping & Zoning > Remove luminaire from zone*



2. Aim the smartphone as the sensor of luminaire 3 and press **Remove**.
   Once ready, press **Done**.



3. The luminaire that received the removal command will blink twice. Ensure that it is indeed the intended luminaire.

Add a wireless switch from a group

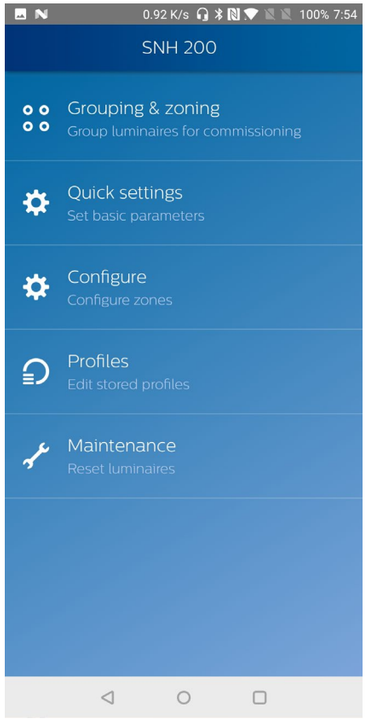
Each brand of switch has a different way of being added to a group. For information on supported switches and their associated commissioning procedure, please refer the “Downloads” section of our website:
http://www.lighting.philips.co.uk/oem-emea/products/connected-lighting.html

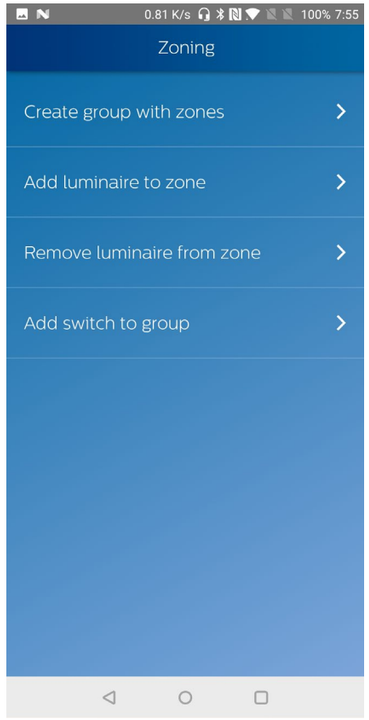
The wireless switches that can be grouped to our luminaires are from the following brands:

- **Philips**
- **Philips Hue**
- **Jaeger Direkt**
- **Legrand**
- **Vimar**

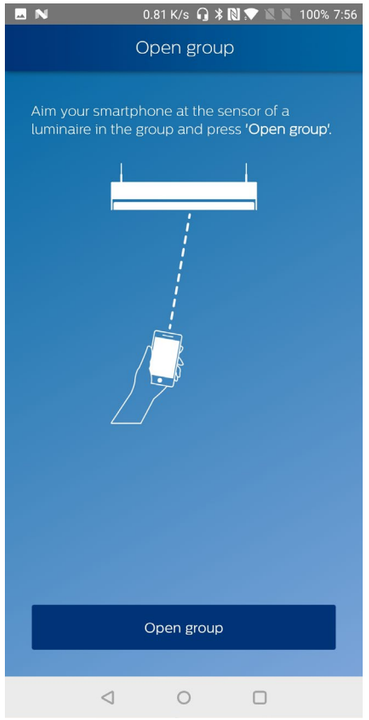
Note: In this app, there is no procedure to remove a switch from a group. To do so, the user will need to reset the network (please refer to “Reset Network Settings” within “Maintenance” menu in EasyAir Industry IR app).

Add a wireless switch from a group

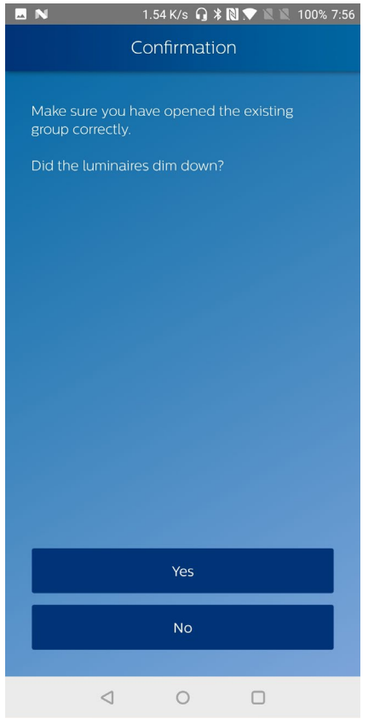




1. Open the submenu *Grouping & Zoning > Add luminaire to zone*

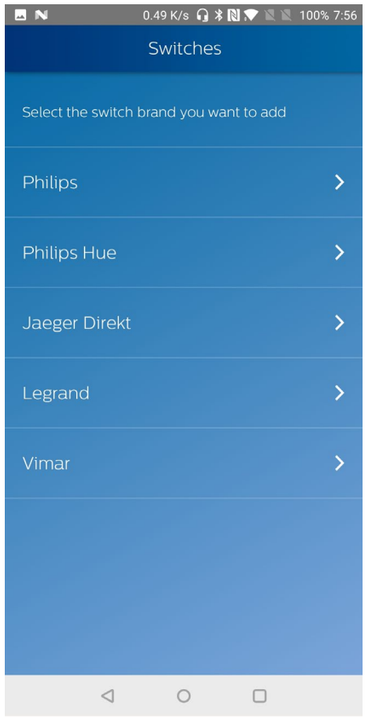


2. Aim the smartphone at any luminaire of the group you want to add the switch to and press **Open group**

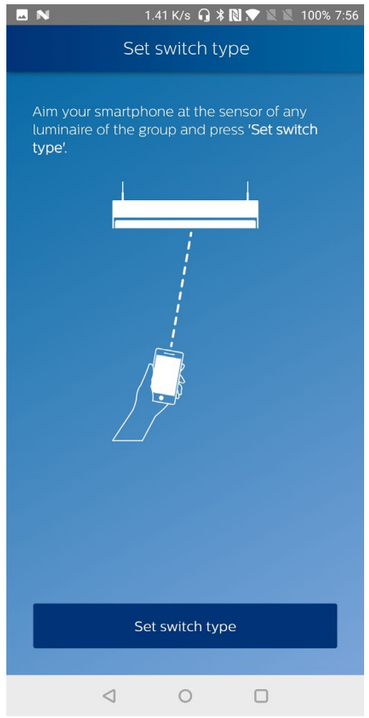


3. Check if the luminaires of the group dimmed down

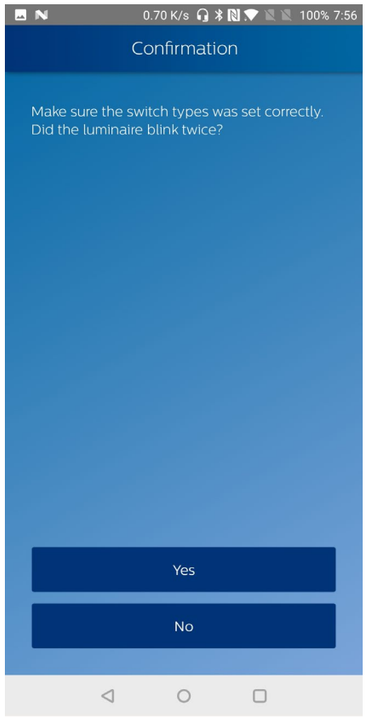
Add a wireless switch from a group



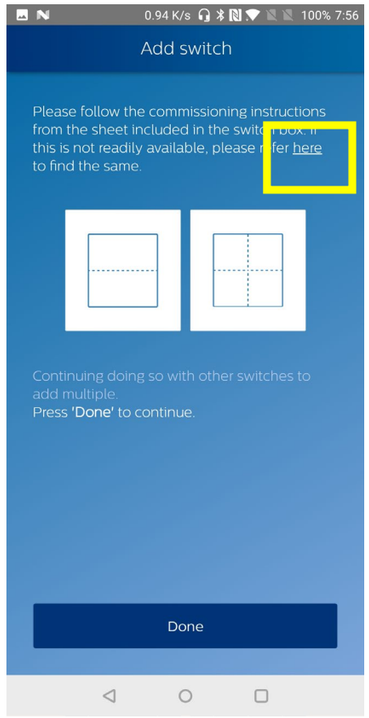
4. Select the switch brand you want to add



5. Aim the smartphone at any luminaire of the group and press **Set switch type**

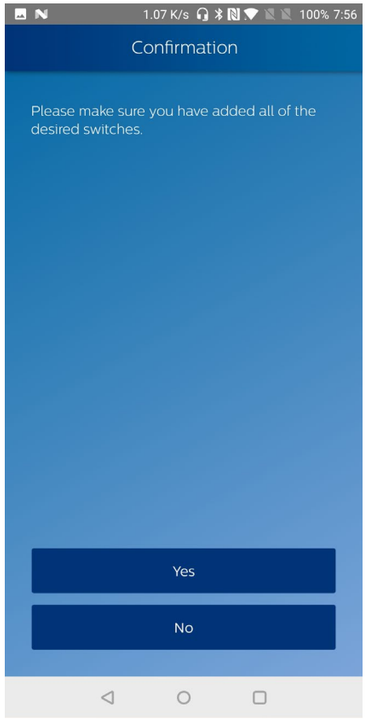


6. Check if the luminaires blinked twice

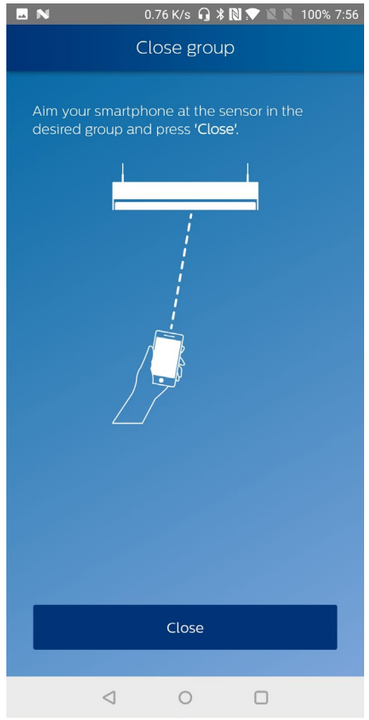


7. **Follow the commissioning instructions on the link**.
   If you want to commission several identical switches, repeat this step. Once ready, press **Done**

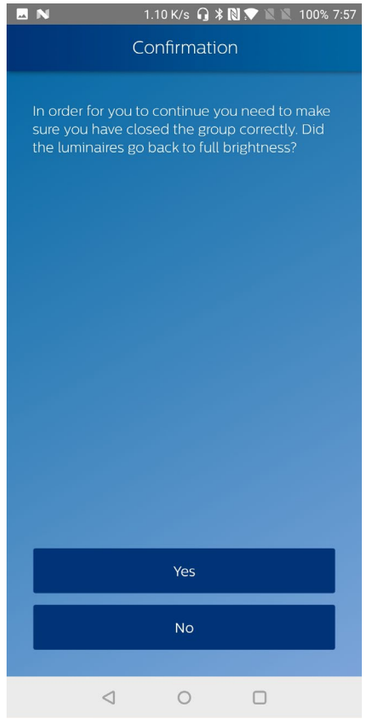
Add a wireless switch from a group



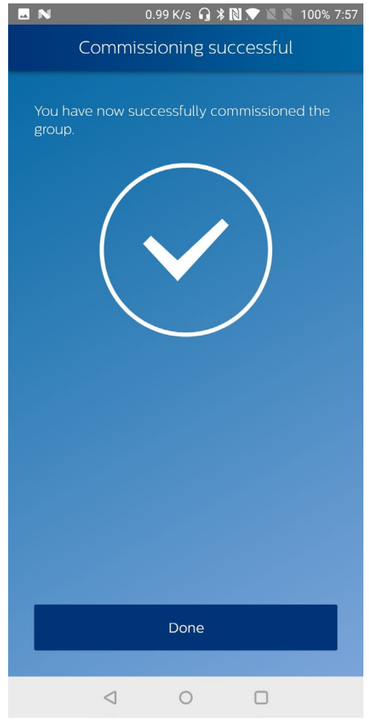
8. Check that you added all the desired switches



9. Aim the smartphone at any luminaire of the group and press **Close**



10. Check that all luminaires of the group went back to full brightness



11. Press **Done**

Add a wireless switch from a group

Please refer to “Quick light level settings” of **EasyAir Office IR** section.
However, from this app, the user can choose to write a stored profile to either a single luminaire or an entire group.

Configure parameters

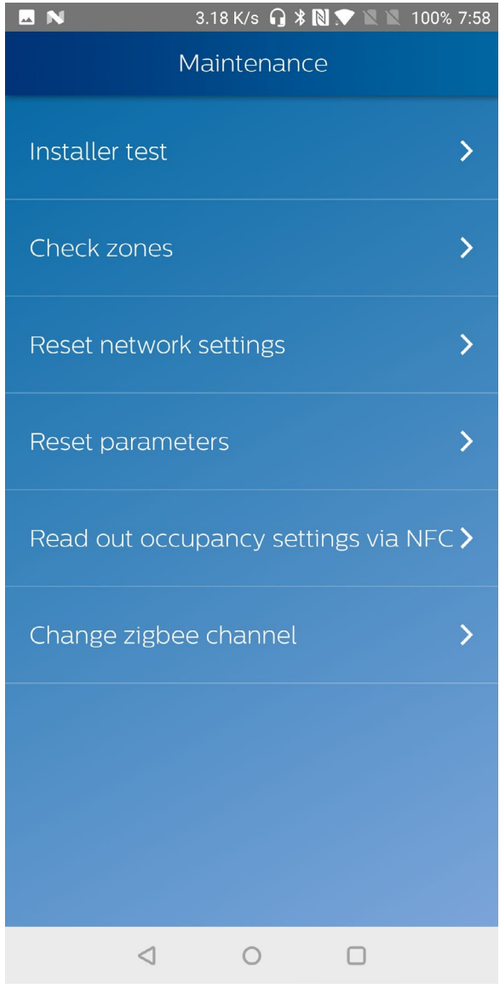
Please refer to “configure parameters” of **EasyAir Office IR** section. However, from this app, the user can choose to write a stored profile to either a single luminaire or an entire group.

Use/Edit stores profiles

Please refer to “Profile” section in **EasyAir NFC app**. However, from this app, the user can choose to write a stored profile to either a single luminaire or an entire group.

Maintenance

Features overview



Check which luminaires belong to which group

Checking zones within a group

Reset a group (remove all luminaires from it)

Reset light parameters of a single luminaire or a group

Change Zigbee channel of a network/group of luminaires if there is interference

Installer test

Please refer to “Installer test” of **EasyAir Office IR** section.

Check zones

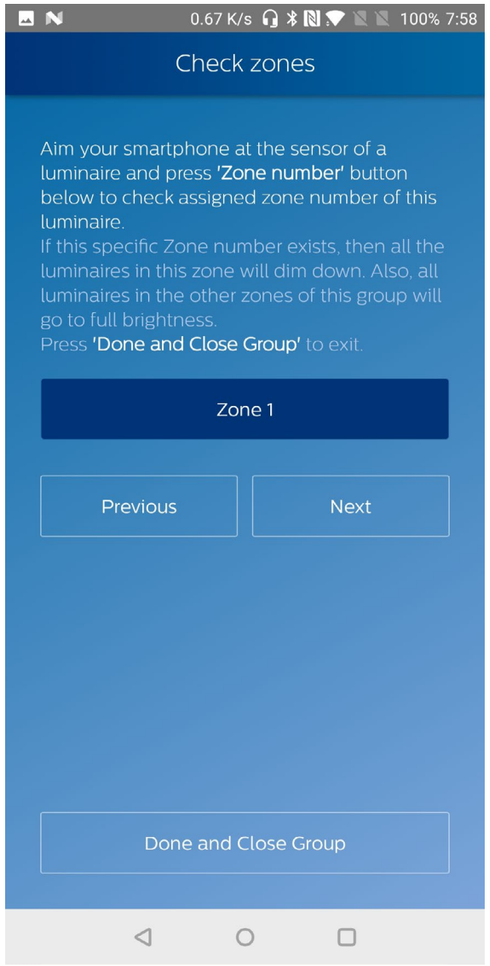
The “installer test” allows the user to check the groups of luminaires of the installation, this feature is made to check if the zones within a group are created as desired by the application.

First, aim at any luminaire’s sensor of the group you want to check zones.

By pressing **Zone number**, all the luminaires belonging to this zone will dim down – given that this zone exists. The other luminaires will go to full brightness.

Press **previous** or **next** to change zone.

Once you finished checking the zones of a group, press **Done and Close Group**.



Reset Network settings

Please refer to “Reset Network settings” of **EasyAir Office IR** section.

Reset parameters

Please refer to “Reset parameters” of **EasyAir Office IR** section.

Change Zigbee channel

Please refer to “Change Zigbee channel” of **EasyAir Office IR** section.

Using IR Dongle

For EasyAir Office IR

For using the EasyAir Office IR app for EasyAir SNH200, it is recommended to use an IR Dongle (available via Philips)

- **If any device is connected to audio jack interface of the phone then, irrespective of whether or not phone has internal IR blaster, the APP assumes connected device to be IR Dongle and uses it to fire IR commands.**
- **If no device is connected to audio jack interface of the phone and the phone has an internal IR blaster then APP uses the internal IR blaster to fire IR commands.**
- **If no device is connected to audio jack interface of the phone and the phone does not have an internal IR blaster then APP provides warning message that IR dongle is required for proper functioning.**

For EasyAir Industry IR

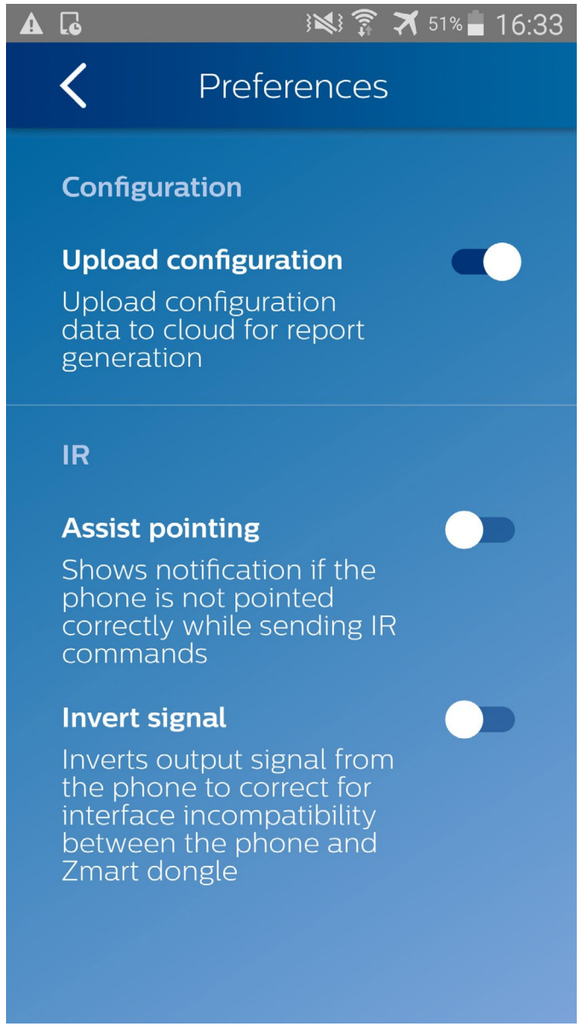
For using the EasyAir Industry IR app for EasyAir SNH200, it is mandatory to use an IR Dongle (available via Philips)

- **If any device is connected to audio jack interface of the phone then APP assumes it to be IR Dongle and uses it to fire IR commands.**
- **If no device is connected to audio jack interface of the phone then APP provides warning message that IR dongle is required for proper functioning.**

*For longer battery life, please put back the battery insulation strip in the dongle

App settings

Preferences



Configuration

- **Upload configuration (on/off) – default on**

  When enabled, it collects the configuration data of NFC or IR in the cloud after programming the sensor or driver. This will be useful to generate data analytics in future. If the user doesn't want to upload their data in cloud, the feature must be disabled.

IR

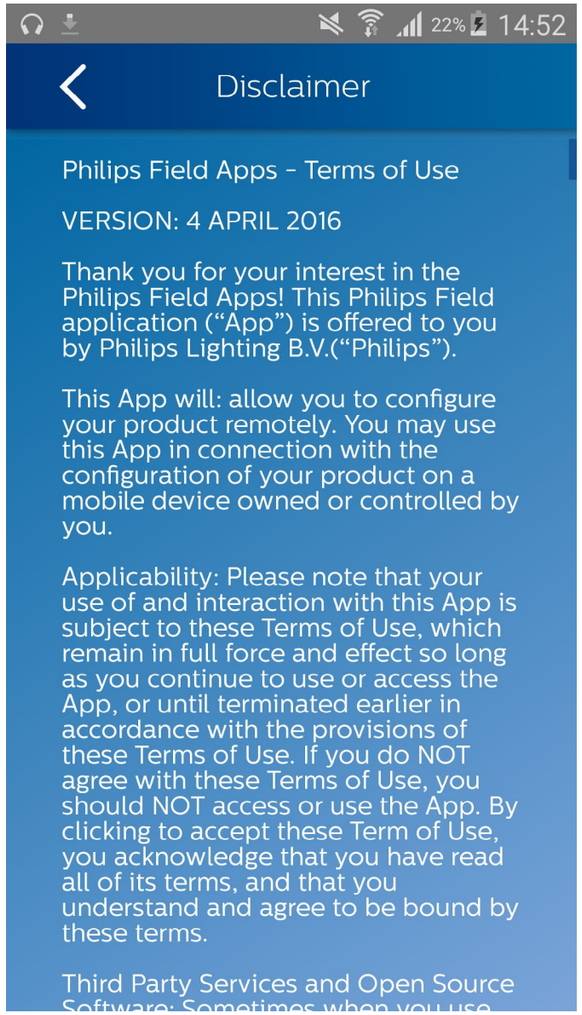
- **Assist pointing (default enabled)**

  Activate or deactivate notifications if the phone is not pointed correctly while sending IR commands.

- **Invert signals (- default disabled)**

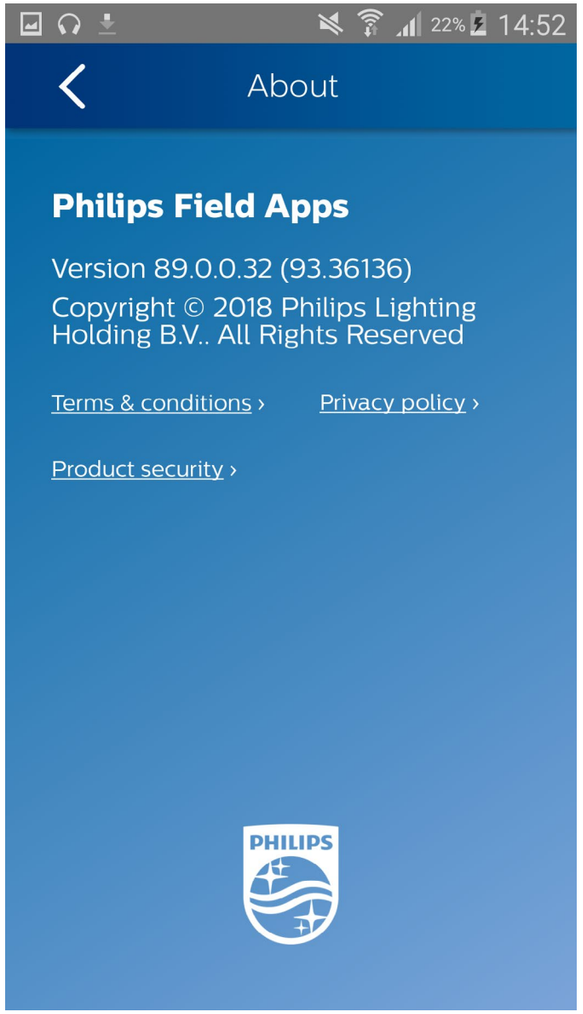
  Some Android phones need to have this option enabled for correcting the IR operation. Please refer to the list of supported phones to know which phone needs to have this option enabled: http://www.lighting.philips.co.uk/oem-emea/products/connected-lighting.html

Disclaimer



The user can read the Terms of Use of Philips Field Apps from this menu.

About



From this menu, the user can get information about the app (App version, Copyright), read about terms & conditions, the privacy policy or product security.

Troubleshooting tips/ System messages

Troubleshooting tips/System messages

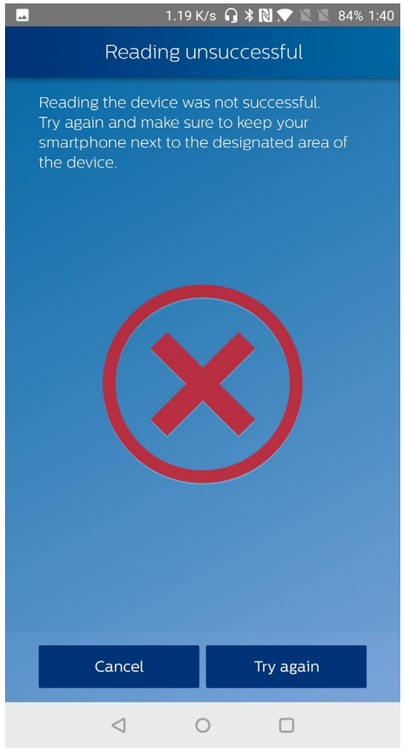
- Every time you program an EasyAir, the app will try to upload the related data to the Philips Lighting database.
  If you are working offline, you will see regular reminders that you should connect to Wi-Fi as soon as it's convenient.

- As soon as you connect to Wi-Fi, after working offline, the app will upload the data for any units that you have programmed.
  If you see the messages, below, click RETRY to initiate the upload.

- You will see this message when it's been between 1 and 5 days since your phone has been refreshed with the latest data from the Philips Lighting database.

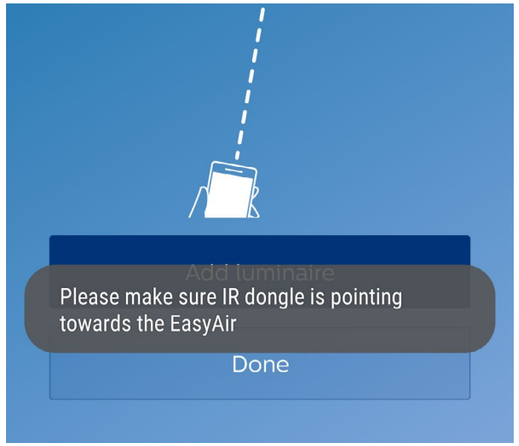
Note: You can ALWAYS click past these warning messages and continue to work with Philips field apps.
To keep your data current, you should connect to Wi-Fi on a regular basis.

Troubleshooting tips/System messages

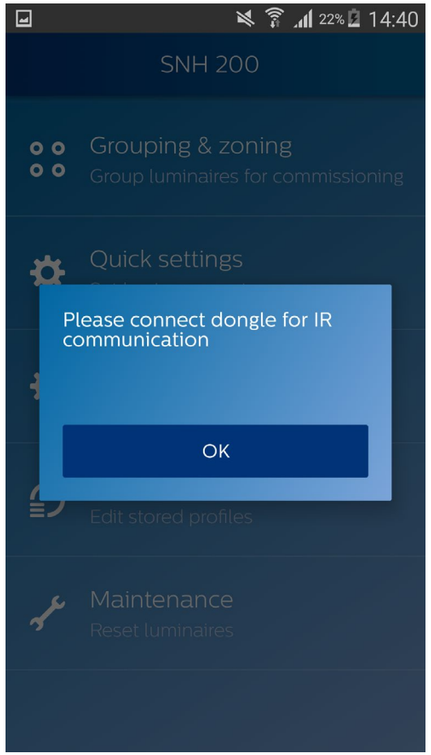


If you see this message, first try connecting to WiFi to refresh the database on your phone.
Scan the sensor again.
If you still see the message after the refresh, the sensor firmware in question is not supported by the app.

Troubleshooting tips/System messages



To disable this warning message, go to the apps settings (please refer to “Settings” section)



It is mandatory to use an IR dongle for EasyAir Industry IR

08/2018
Data subject to change

www.lighting.philips.co.uk/oem-emea/products/connected-lighting