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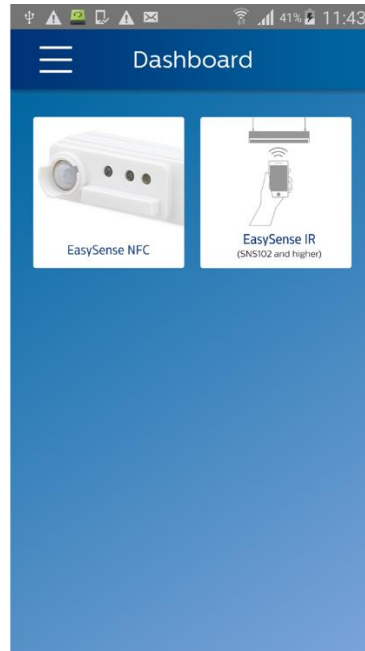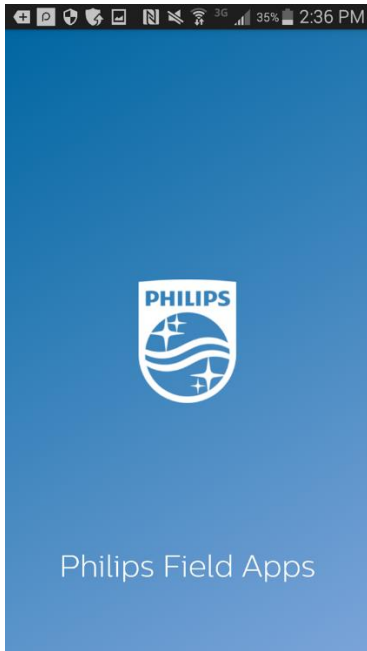
Philips Field Apps User Manual

for Easysense NFC and Easysense IR

Two apps are available in Philips Field Apps for configuring EasySense: EasySense NFC and EasySense IR. EasySense IR App can also be used to commission (group) luminaires with EasySense and add wireless switches to the group (Model SNS 102 and future generations).

Phone requirement: The EasySense app works only on certain Android-based smart phones. Check the EasySense website www.philips.com/EasySense for the latest list of compatible phones with NFC and IR blaster functionality and their NFC reader locations.

The Philips Field Apps can be downloaded from the Google Play store. First time user needs to accept Conditions of use and then sign in with username and password, which can be requested at www.philips.com/EasySense. Sign in is only required once per installation of the App. **To have a successful sign in, please make sure that the phone has internet access.**
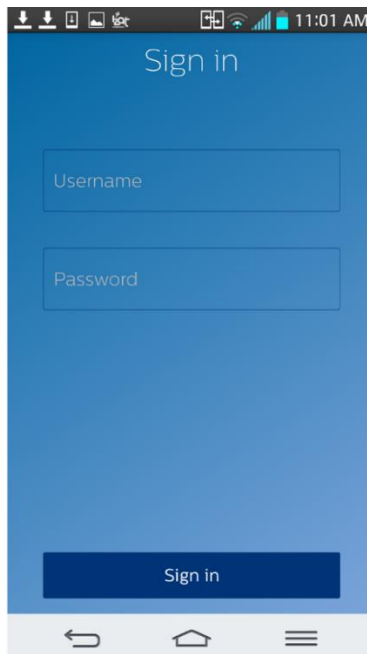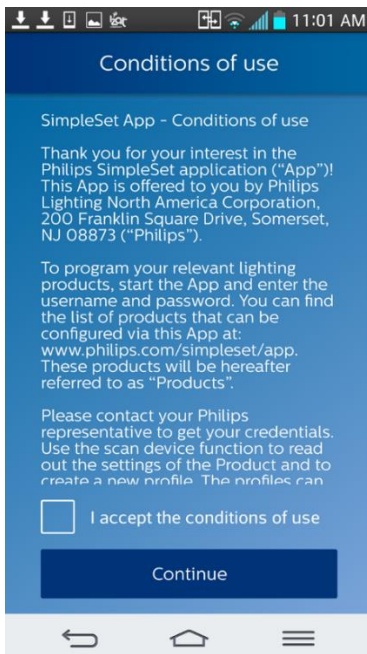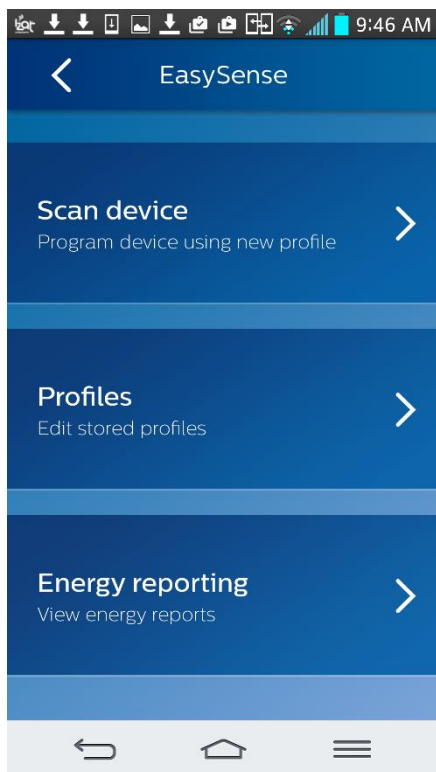
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EasySense NFC App

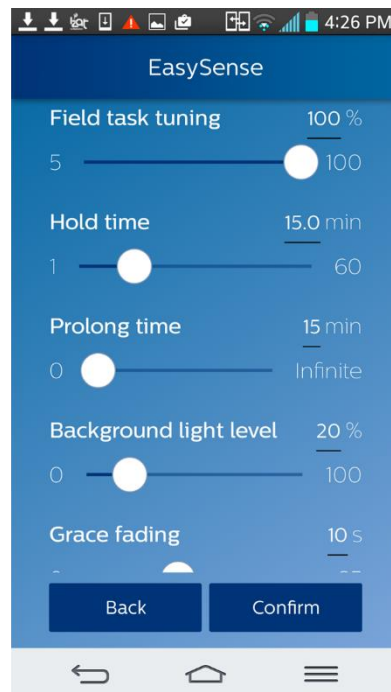On the main dashboard, click "EasySense NFC" icon to continue.

Select "Scan device:"

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, do not move until the next screen appears.

NFC Antenna

Scan device

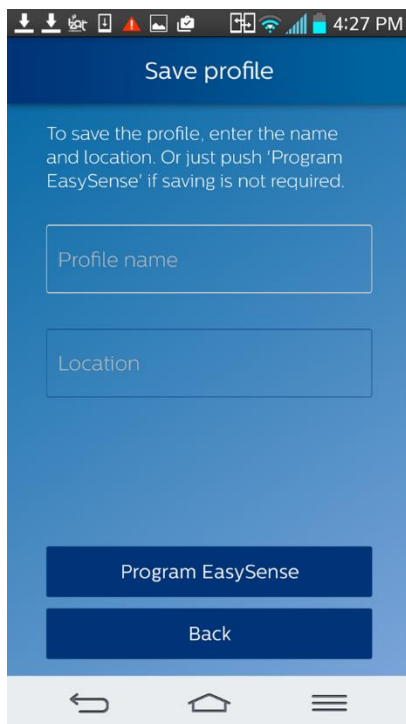Position the smartphone next to the designated area of the device.

Cancel
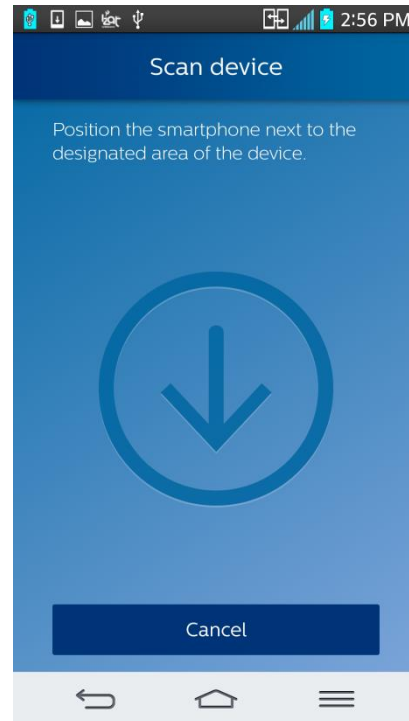
After hearing a beep, the following screen will appear. Key parameters can be configured using the sliding bar or by typing in the exact number on the right. After configuration, press "Confirm."
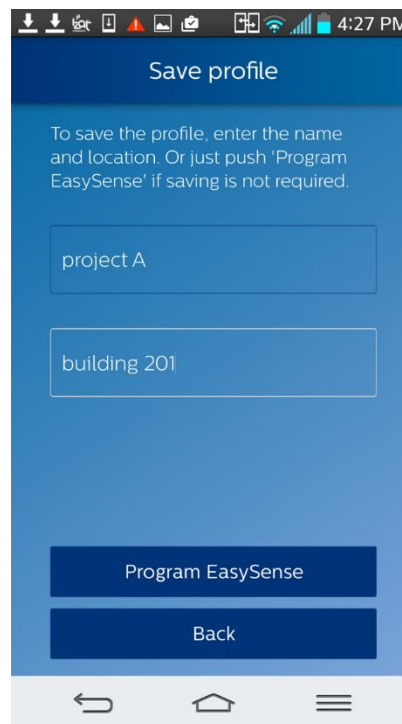

EasySense

ID: E0 02 4C D3 D1 CB 72 4B

Occupancy ✓

Daylight based control ✓

LED indicator ✓

Field task tuning 87 %

Back | Confirm

EasySense

Field task tuning 100 %
5 ——————●—— 100

Hold time 15.0 min
1 —●———————— 60

Prolong time 15 min
0 —●———————— Infinite

Background light level 20 %
0 —●———————— 100

Grace fading 10 s

Back | Confirm

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The user has several options.

a. <u>Click 'Program EasySense, leaving Profile Name and Location blank.</u> This approach is quick, however no information is stored in the Philips Lighting database. No reports on parameters, such as, power or sensor settings, can be generated from the database in the future.

b. <u>Enter Location only.</u> This ensures that data including the Location, sensor ID, date / time sensor was programmed and sensor settings, will be stored in the Philips Lighting database. In the future, it will be possible to request reports of power or sensor settings based on the Location. NOTE: It is critical to enter a detailed Location, in order to generate reports from the database.

c. <u>Enter a Profile name and Location.</u> This saves a Profile for future use and stores the data from the scanned EasySense in the Philips Lighting database. All of the EasySense settings, as well as the Location, are stored in the Profile. . In the future, it will be possible to request reports of power or sensor settings based on the Location.
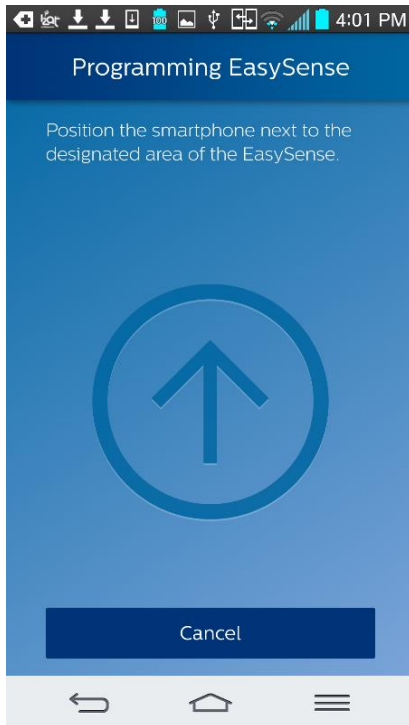
Click 'Program EasySense' and place the back of the smartphone onto the sensor NFC antenna again to enable NFC communication. NFC communication might take a few seconds, do not move until the next screen shows.

After programming successfully, a green check mark will appear on the screen. More sensors can be programmed with the same setting by pressing "Program EasySense again". Or press "Done" to finish configuration.
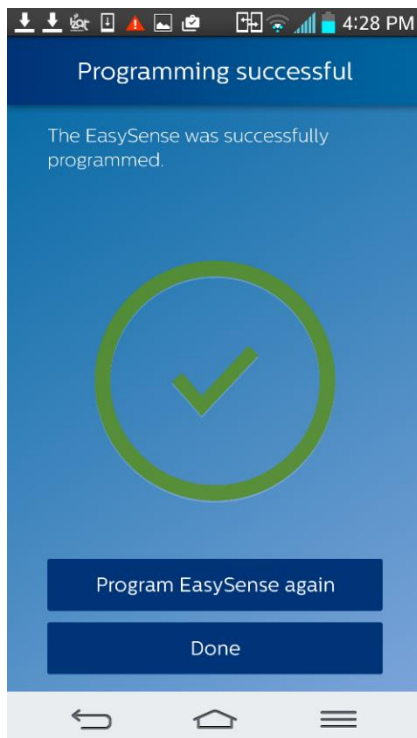
NOTE:

Data for each programmed EasySense is automatically transferred to the Philips Lighting database. This can be used in the future (after May, 2016) to generate a report. To obtain a report of all EasySense programmed at a specific location, contact your Philips Lighting representative.

IMPORTANT: It is critical that you enter detailed Location information whenever you program an EasySense. The information in this 40 character field will be used to extract your data from the database. It is not possible to extract your information without detailed Location data. You may choose to opt out from sending information to the Philips Lighting database by selecting Preferences from the main menu and unchecking the 'Upload configuration data' checkbox. Click ☰ for Preferences.

To use a saved profile, go to "Profile" from the main menu, select the desired profile and program sensors. Users can also edit/delete profiles by clicking "edit" on the top right corner.
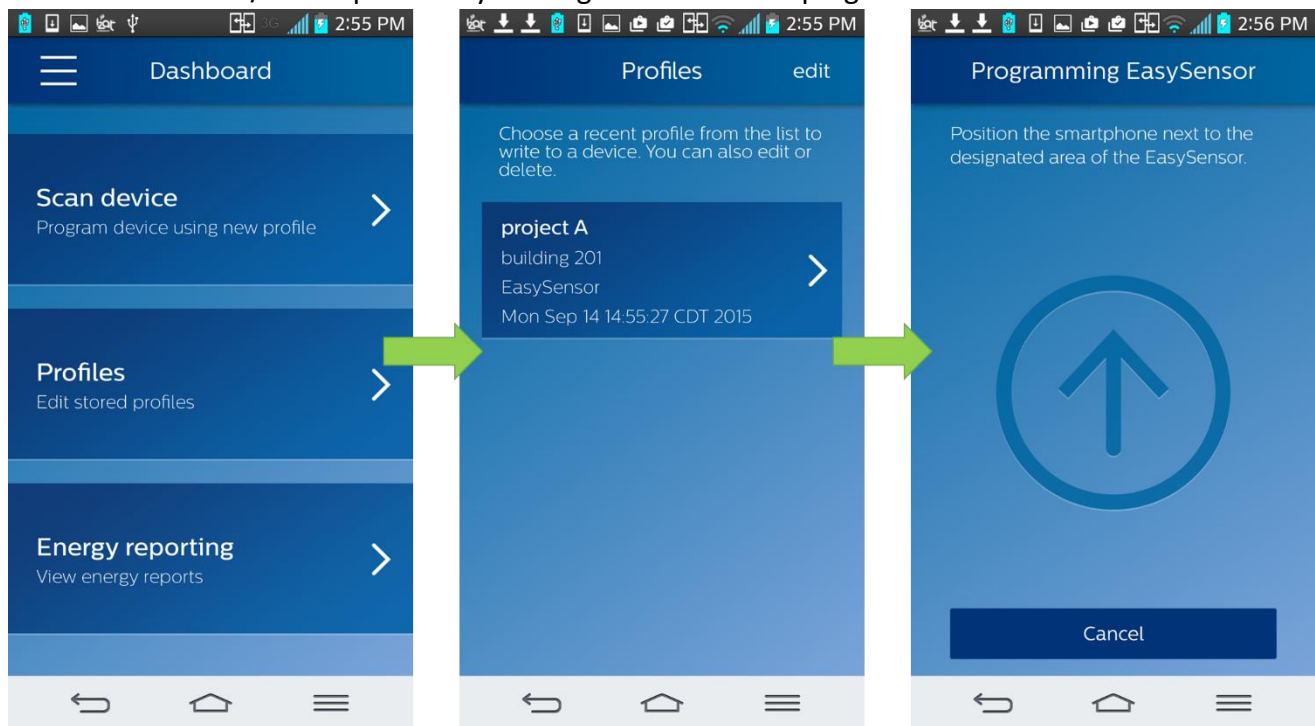
Energy Reporting – Beta Version

Philips Lighting has provided a Beta version (Beta means 'not yet released for production use'.). Please feel free to use this feature and provide us your feedback.

The user can follow the steps below to read out energy data, e.g., total consumed energy, average power consumption, percentage time the light has been ON, system on time and lamp on time. This feature only works after the system has been powered for at least one hour.
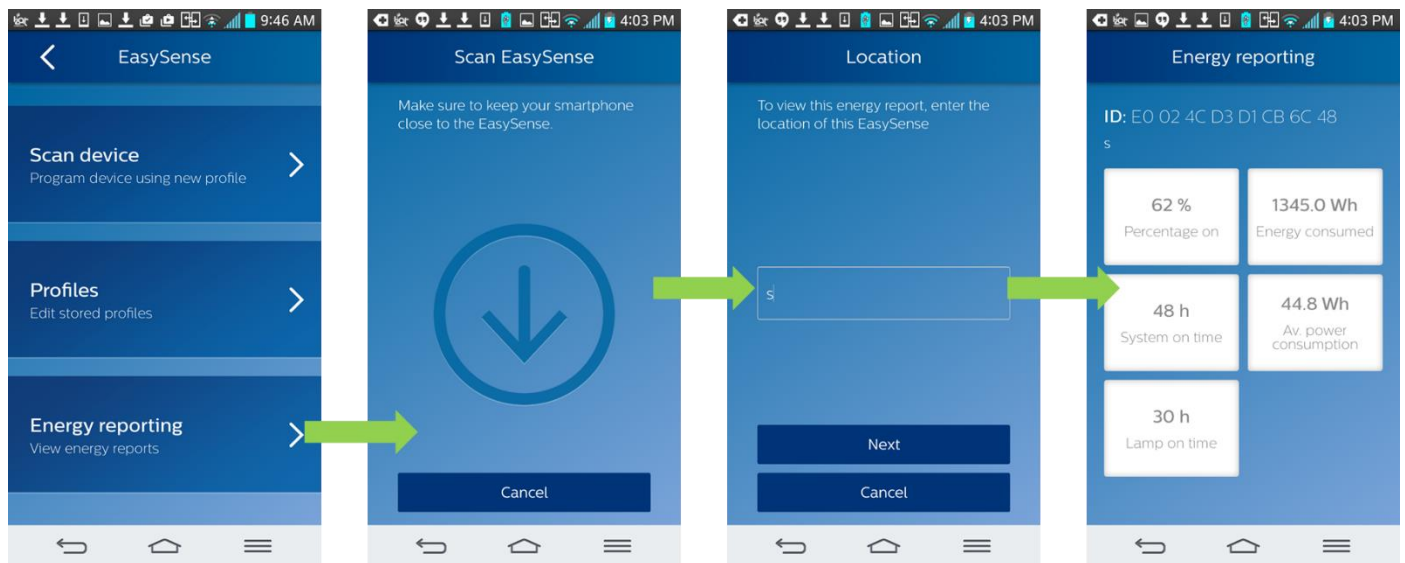
On the main dashboard, click the app icon "EasySense IR" to continue. With the EasySense IR app, the user can create a group of luminaires with EasySense sensor and add switches to the group (**Grouping**), configure sensors (**Configure**), make a few quick light level settings (**Quick light level setting**), program sensors with stored profiles or edit stored profiles (**Profiles**) and reset fixtures (**Maintenance**).
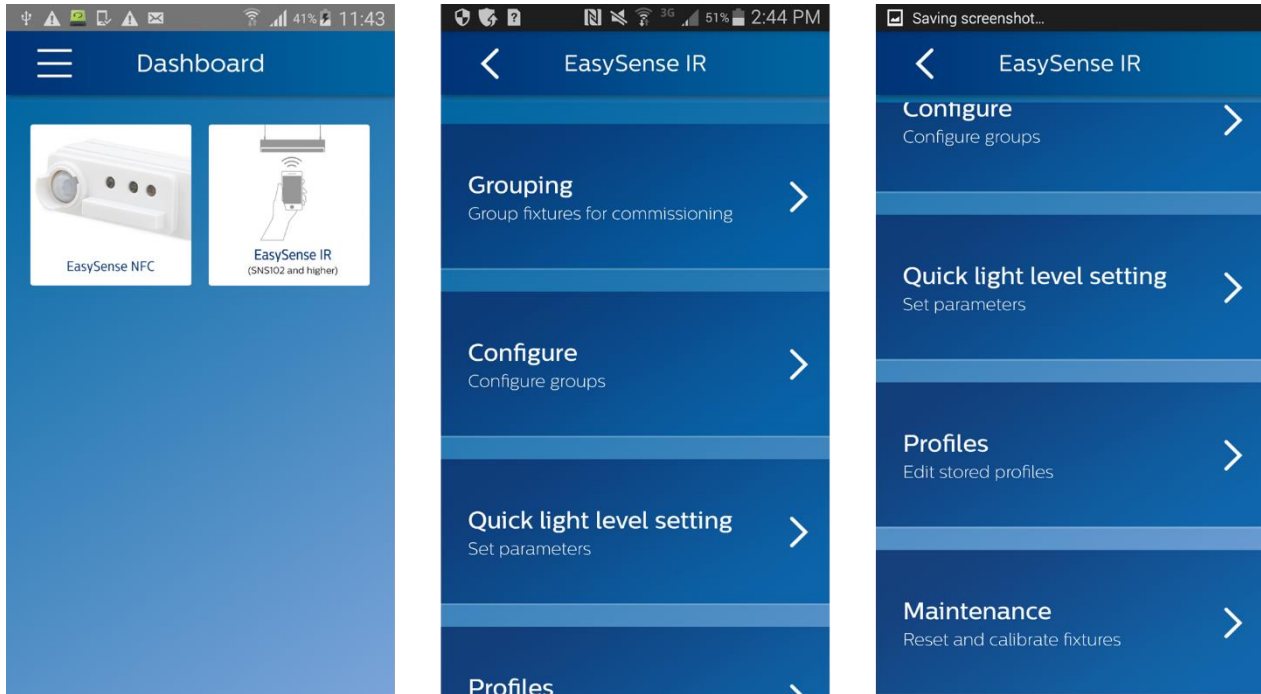

Create a new group and add wireless switches to the group
Follow the flow of app to create a new group.
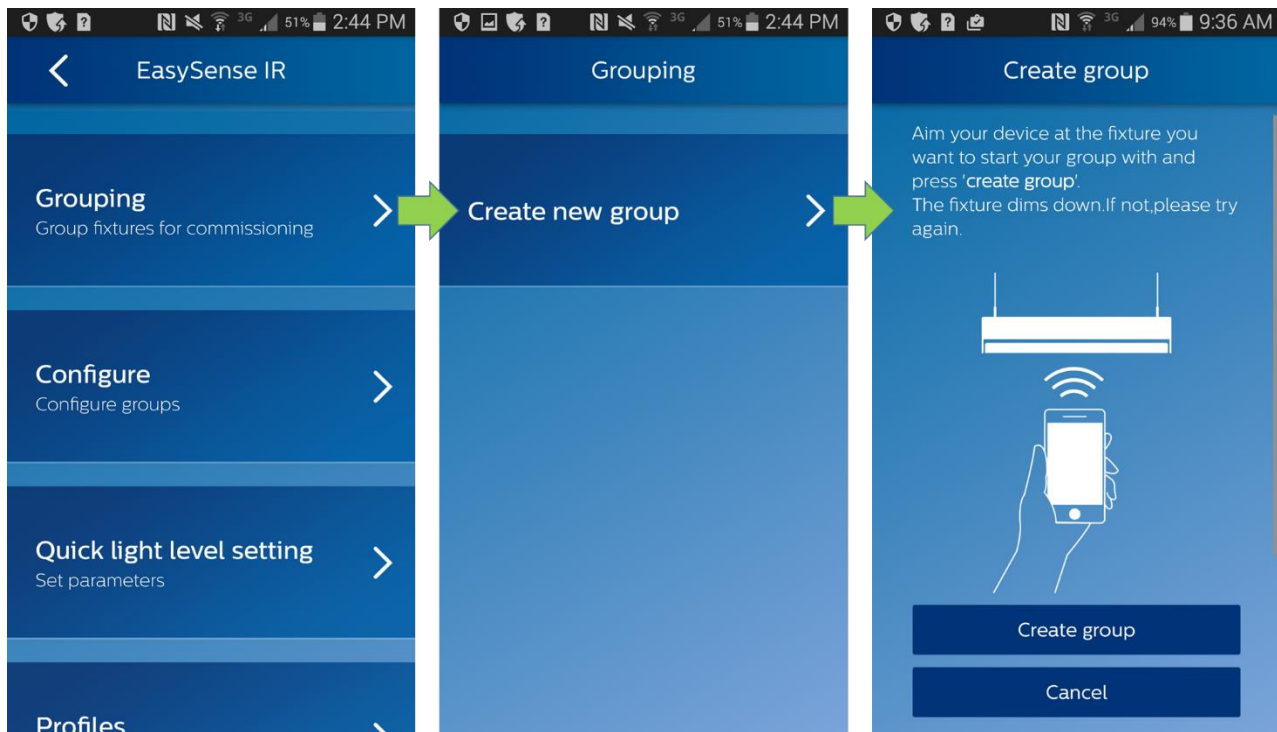
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To add a wireless switch to the group, press the "Add switch" button. For help with commissioning the switch, go to www.illumra.com/EasySense. During commissioning, the light will blink twice when the switch finds a match to the Zigbee channel of the EasySense. After successfully adding a switch to the group, continue the rest of the steps of the app to complete creating the group.


Go to www.Illumra.com/easesense for switch commissioning instruction
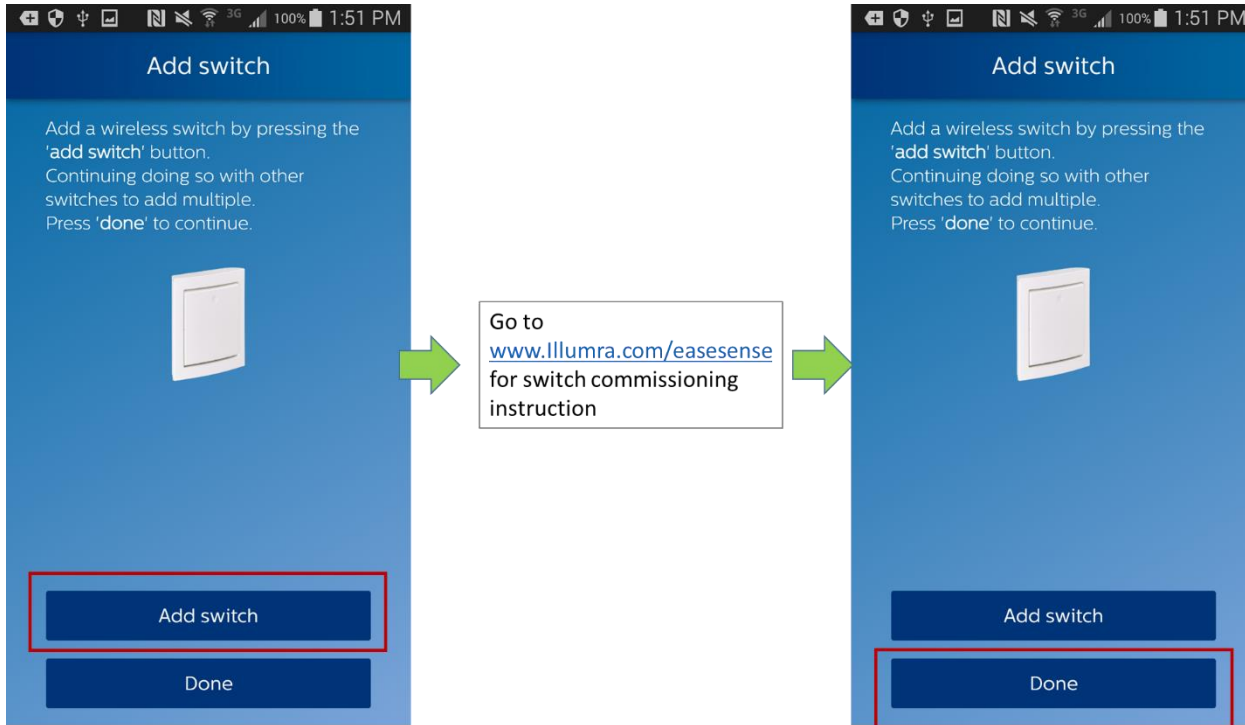
Add a new fixture or switch to an existing group

Aim the IR port of the smart phone to one of the fixture in the existing group and hit "Create new group" then add fixture or switch the same way as when creating a new group.

Remove a fixture from a group

Go to "Maintenance" -> "Reset network settings". Point the phone at the target fixture and perform the reset command. Note that the reset command only removes the fixture from the group, it does not change any parameter settings of the EasySense sensor in that fixture.
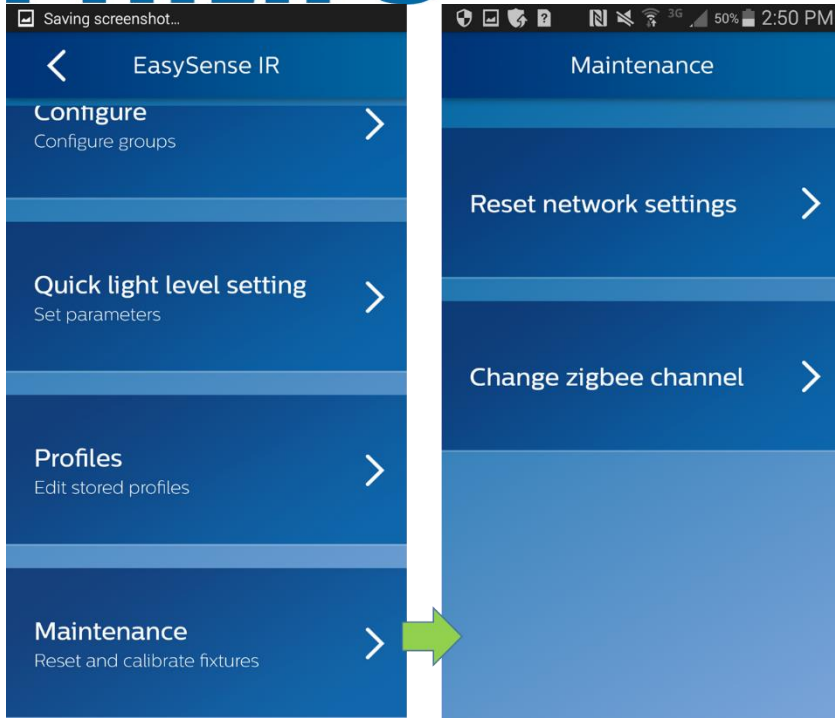
Configure sensor parameters

The sensor parameters that can be configured are listed below:

- Occupancy based control (Enable/ Disable)
- Daylight based light control (Enable/ Disable)
- LED indicator (Enable/ Disable)
- Occupancy mode: Auto on/off, Manual on/off or Manual on/auto of.
- Task Tuning: in percentage of the maximum power level of the fixture
- Eco on level: in percentage of the maximum power level of the fixture
- Background light level: in percentage of the maximum power level of the fixture
- Hold time
- Prolong time
- Grace fading time
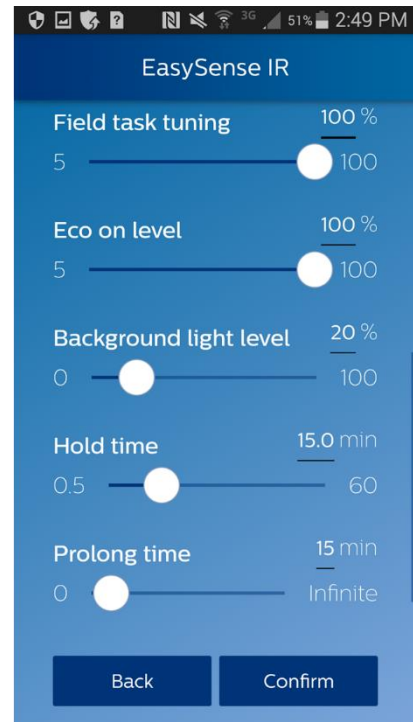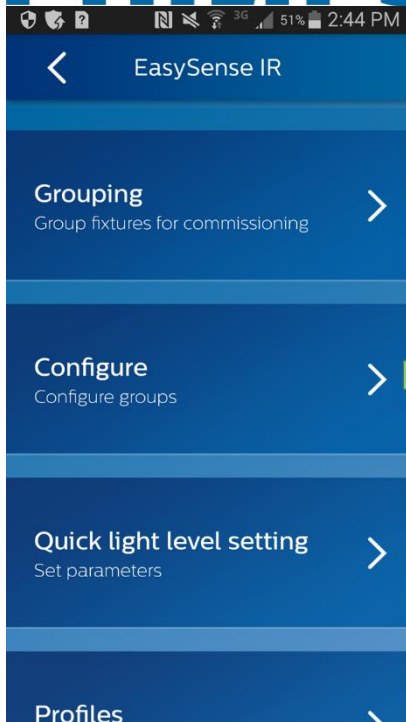
Quick Light Level Setting

The EasySense IR app provides an option to quickly configure light level related parameters -- Task tuning level, background light level and Eco on level -- without configuring from a full list of the parameters. Note: Eco on level must be configured to a level between the Field task tuning level and background light level.
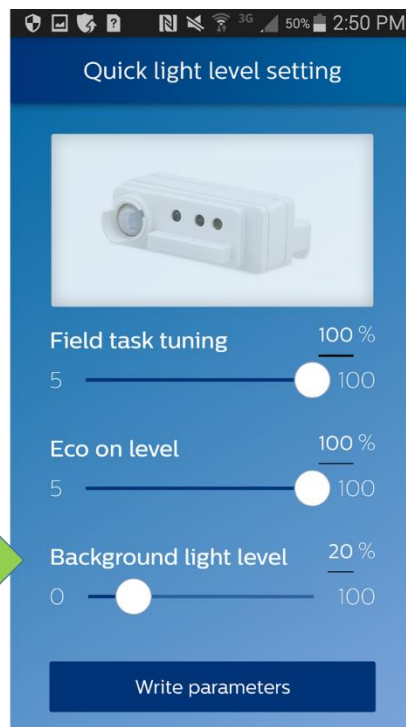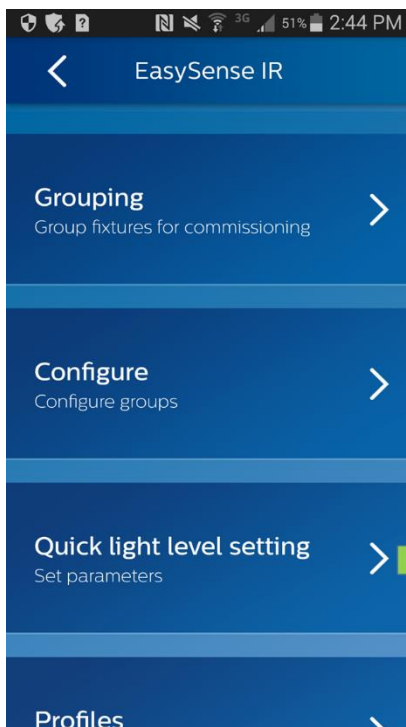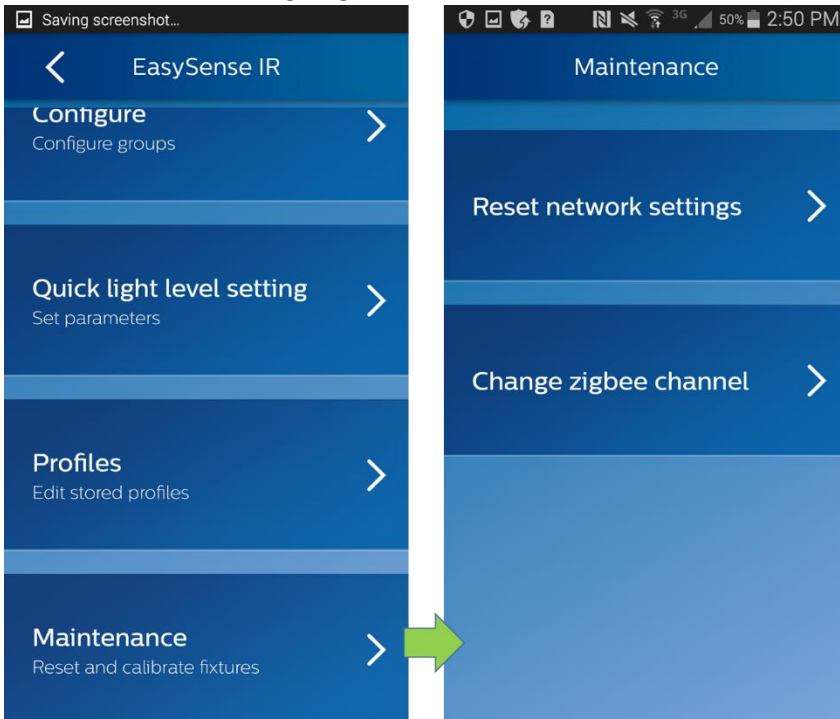
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Use a Stored profile to configure sensor or edit/ remove a profile
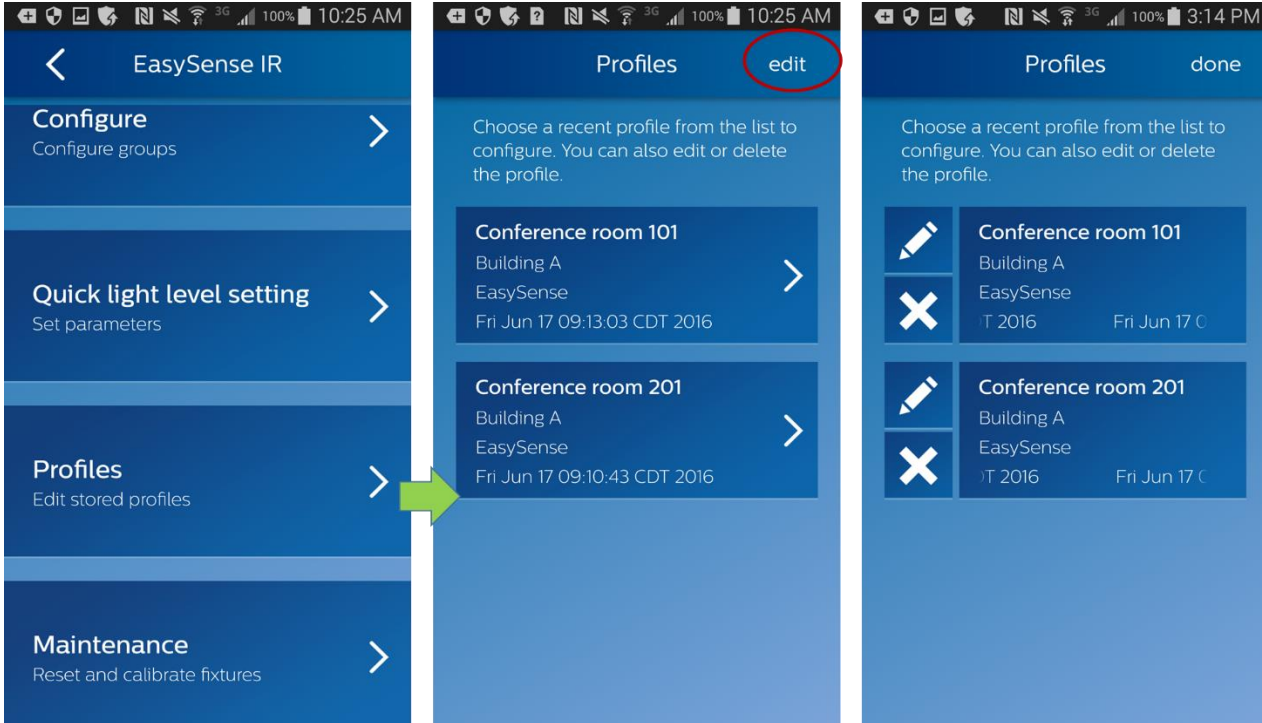
Change Zigbee channel of a fixture

The EasySense IR app also offers an option to change the Zigbee channel of fixture(s) if there is interference. "Maintenance -> "Change zigbee channel"
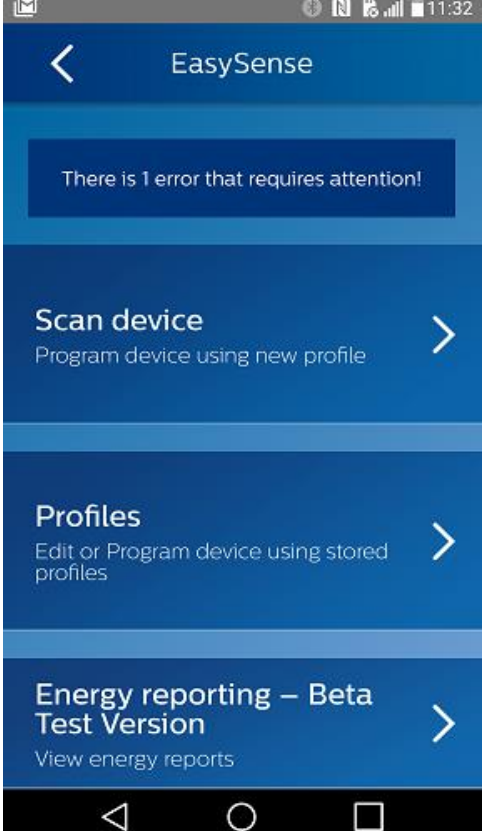
Troubleshooting Tips/ System Messages

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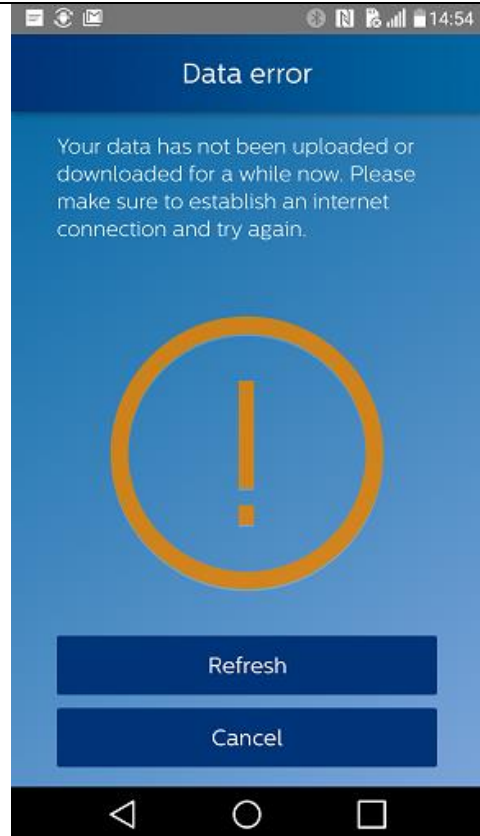
NOTE: You can ALWAYS click past these warning messages and continue to work with Philips field apps. To keep your data current, you should connect to Wi-Fi on a regular basis.

MESSAGE	EXPLANATION
	Error message if it has been between 1 and 7 days since your last upload.
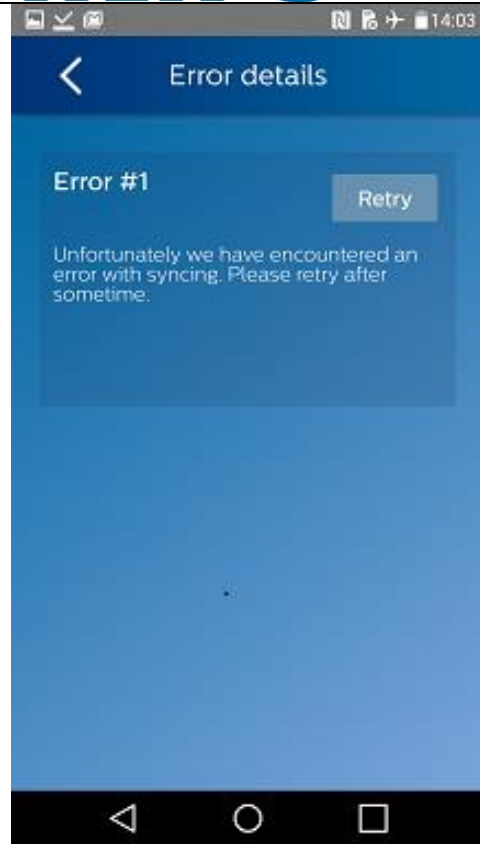
Clicking on the error message generates a reminder to connect to WiFi.

If it has been 7+ days since your last upload, you will see this message.

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