Manuals+

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L7 legrand®

legrand LE13949AB Multi Sensor Detector

Specifications

- Model: LE13949AB
- Input Voltage: 110 – 230 V~
- Frequency: 50 / 60 Hz
- Sensor Type: PIR
- Light Sensitivity: 300 lux
- Time Delay: 15 min.
- Sound Level: 38 – 120 dB SPL
- Height Range: 1.7 m to 2.5 m

INSTALLATION PRINCIPLES

- The Light Up occupancy detectors can be used to control the lighting in a room while maintaining predetermined levels of brightness.

  They can operate alone and/or in addition to :

- a wired control for manual override
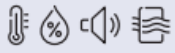
- up to two wireless, batteryless controls (*) for manual override

- up to five connected outlets to power plugged devices only when someone is present

LIGHT UP OCCUPANCY DETECTORS CHART

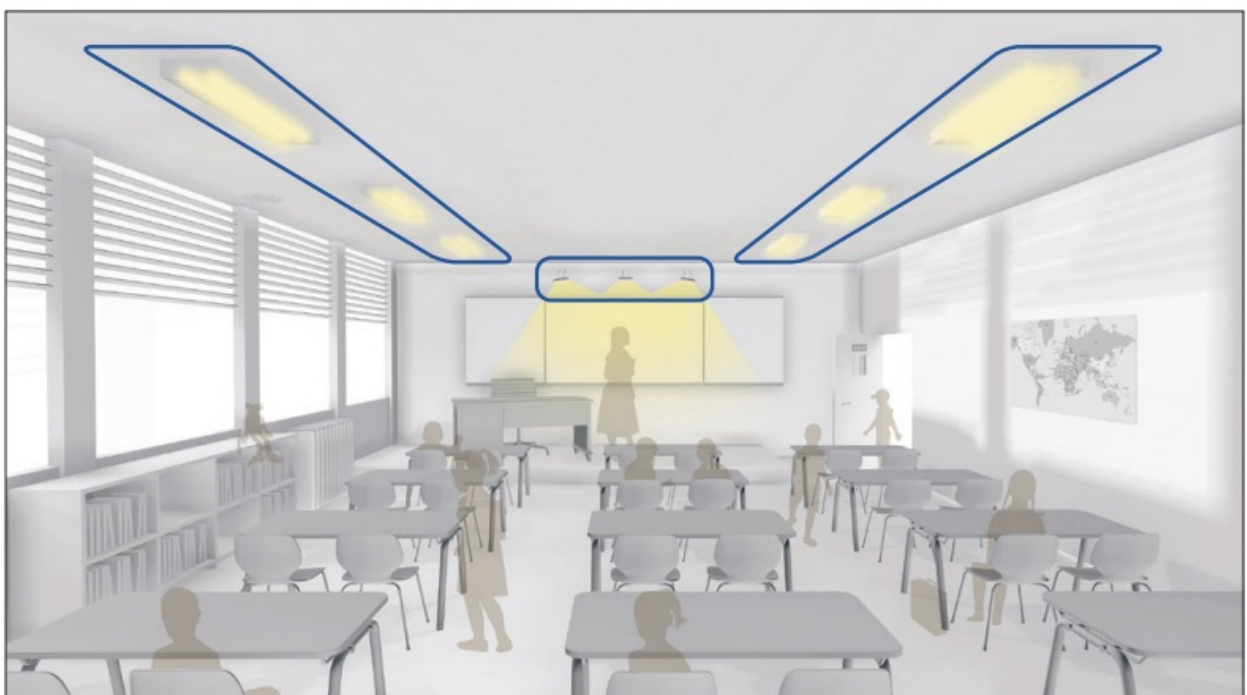| DESIGNATIONS	REFERENCES	☀	I|0	DALI	👤☑	🌡%🔊
Detector ON/OFF	0 485 51	●	●			
DALI detector - 1 zone	0 485 52	●		●		
DALI detector - 3 zones	0 485 55	●		●		
Corridor ON/OFF detector	0 485 53	●	●			
Corridor DALI detector - 1 zone	0 485 54	●		●		
Corridor DALI detector - 3 zones	0 485 56	●		●		
Multisensor DALI detector - 1 zone	0 485 71	●	●	●		●
Multisensor DALI detector - 3 zones	0 485 73	●	●	●		●
Advanced multisensor DALI detector - 1 zone	0 485 72	●	●	●	●	●
Advanced multisensor DALI detector - 3 zones	0 485 74	●	●	●	●	●

The Light Up DALI – 3 zone detectors enable the control of 3 lighting zones:

- dimming on the window side
- dimming on the corridor side
- ON/OFF on the board side

CAPTIONS
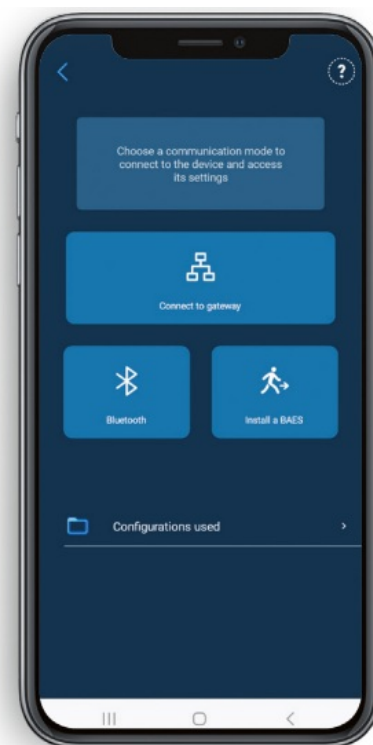

LIGHTING CONTROL	ON/OFF	ON/OFF DIMMING	PEOPLE COUNTING	ENVIRONMENTAL DATA COLLECTION (Temperature, humidity, sound, air quality)

CLOSE UP APPLICATION
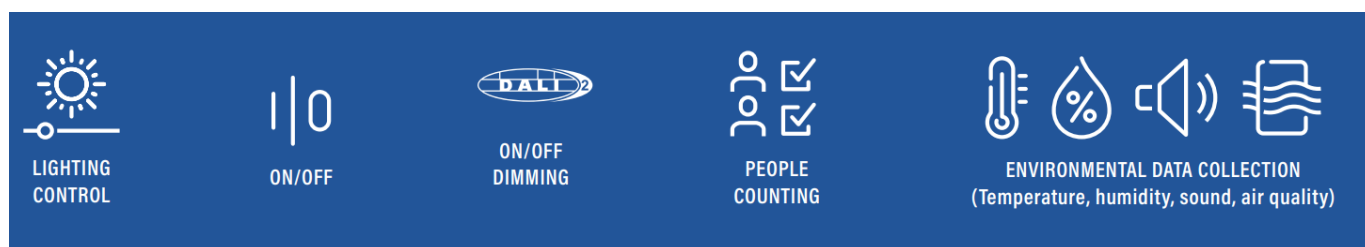
DOWNLOAD FOR FREE ON

Legrand Close Up

DISPONIBLE SUR Google Play

Télécharger dans l'App Store

App Store is a service mark of Apple Inc. registered in the United States and other countries. Google, Google Play, Android, are registered trademarks of Google LLC.

On opening the Legrand Close Up application for the first time, you must accept the following terms and conditions to ensure optimal use :

- geolocation : necessary for Bluetooth use
- access to photos, videos, music/audio files : to save settings within a file
- take photos and record videos: for scanning QR codes
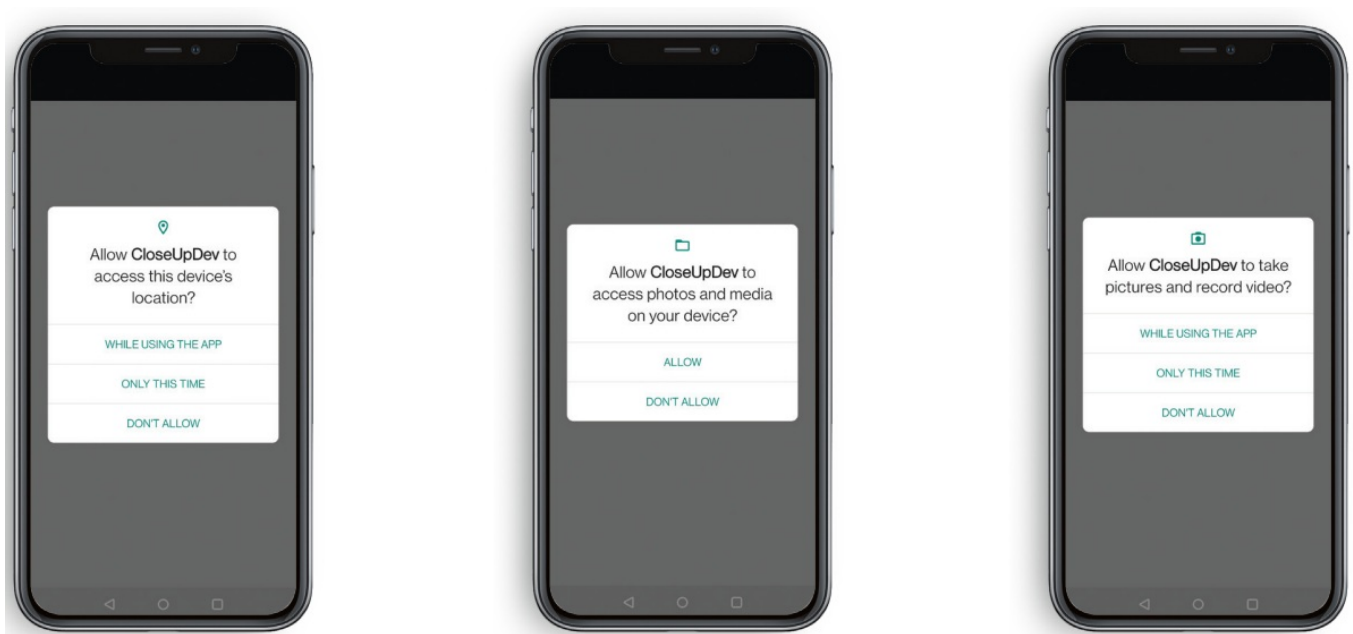
INSTALLATION PREREQUISITES

SIGN IN TO THE LEGRAND CLOSE UP APPLICATION VIA YOUR LEGRAND ACCOUNT

Internet connection is required as all your sites will be linked to your Legrand account.
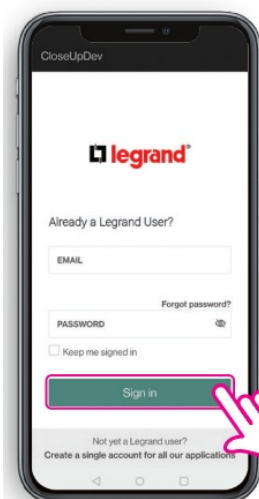
- Open the Legrand Close Up application :
- If you already have a Legrand account, log in and go directly to the following page.
- Otherwise, click on Create a single account for all our applications.
-

Or
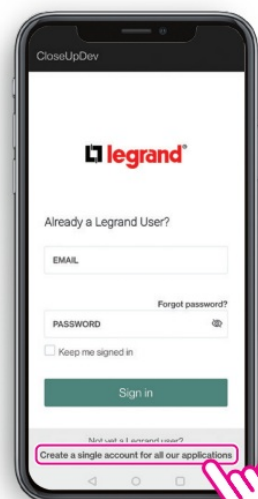
To create your Legrand account, enter your e-mail address and the verification code you received before entering the required information.

LEGRAND CLOSE UP APPLICATION: OPENING THE PROJECTS SCREEN

The project exists : Click on it to select it.

NOTE

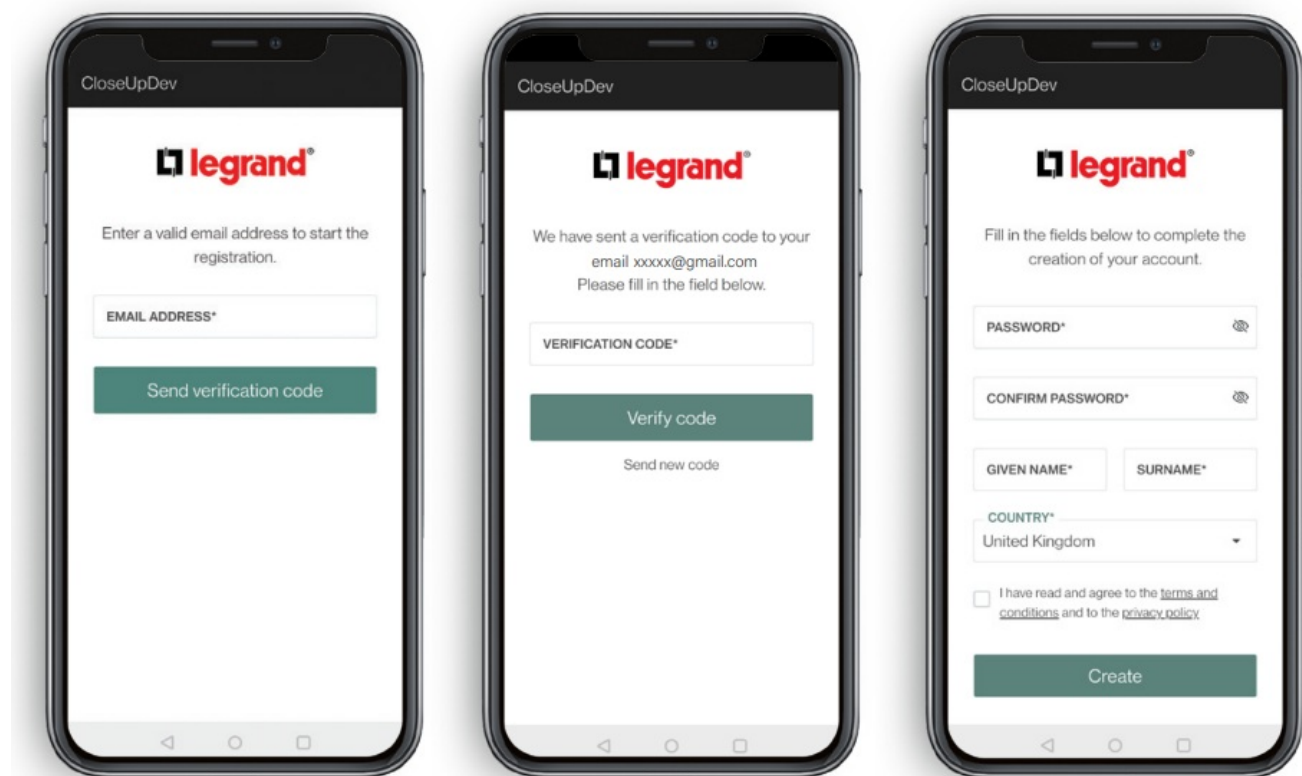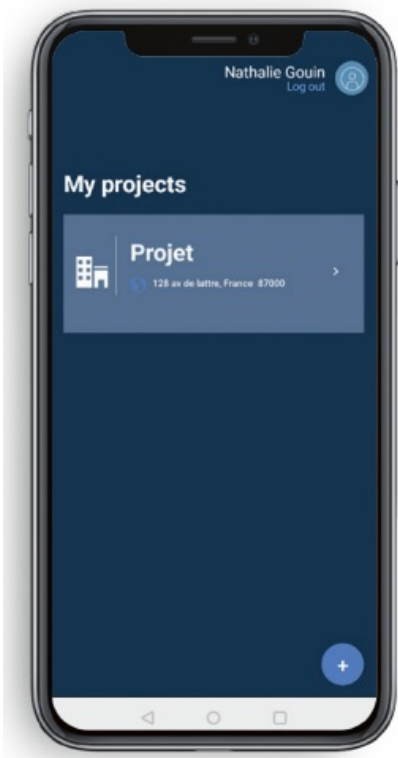A project corresponds to a site (with one or more buildings, floors and zones)

IMPORTANT

Once you have selected a site, any product you connect to afterwards will be linked to that site. As a result, it will no longer be possible to connect to this product from another site.

It is, however, possible to share or delegate sites.

The project does not exist : Click on Create project and fill in the requested details.
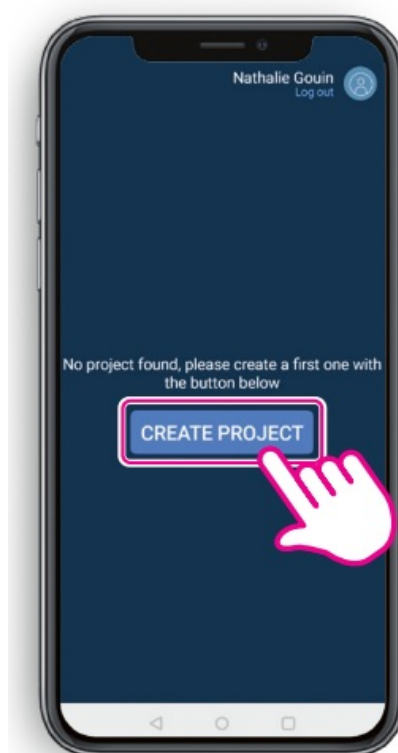
Internet access is required to create a project.

Offline access to the project requires the use of Close Up with a recent internet connection (less than 24 hours).

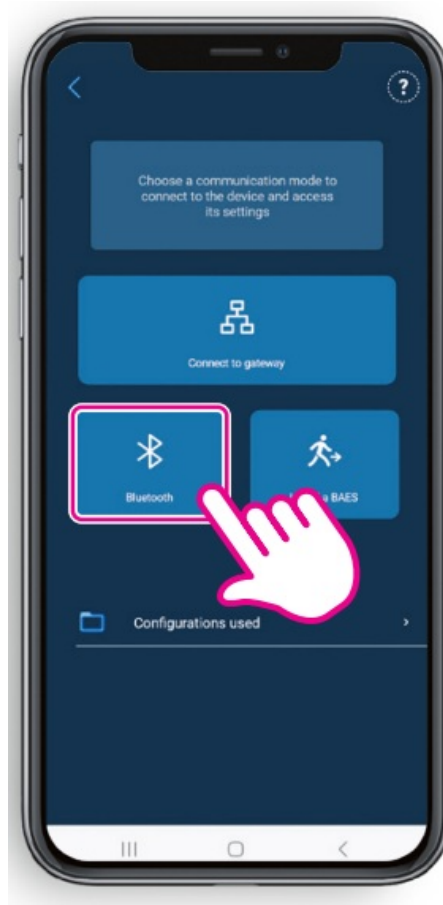## INSTALLATION PROCEDURE

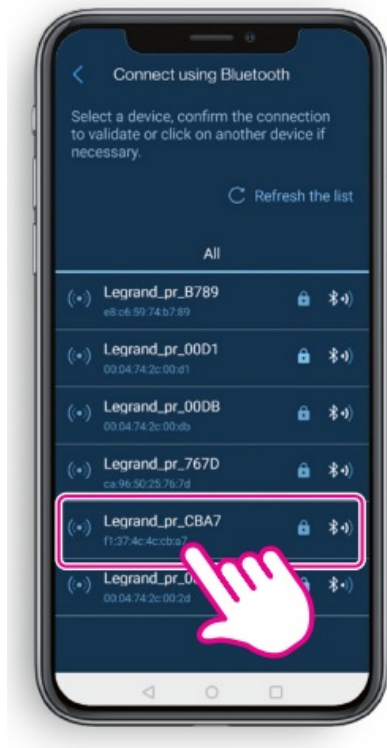### SEARCHING FOR A DETECTOR USING THE CLOSE UP APPLICATION

To access the detector settings, log on to the Close Up application.

- Before you get to this stage, please review the Installation Prerequisites.
- Select Bluetooth to display the detectors list.
-

A list of the nearby connected detectors appears.

- Click on the name of the detector you wish to access.

VIEWING AND/OR MODIFYING THE DETECTOR'S SETTINGS

- You will then be taken to the Tools and See details screen.
- Click on See details to view and/or modify the detector's settings.
- A list of information will be displayed.
- It can be viewed and/or modified.
- When you modify a setting, it will be shown in red.
- Click on Upload configuration to send new information to the detector.
-
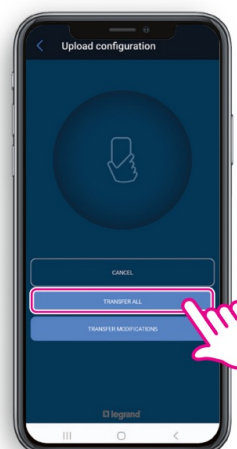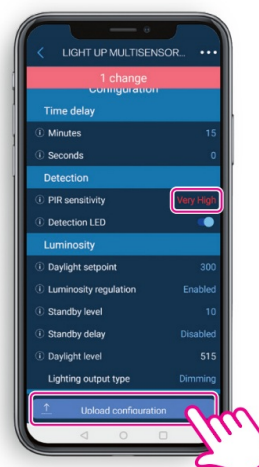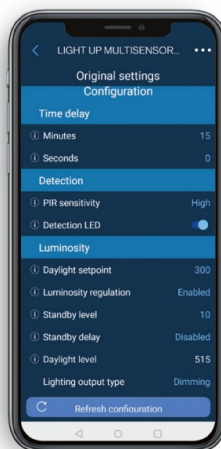
You can transfer all the information or just the modified information.
- Then, click on Close.
- Once the transfer has been completed, all the settings revert to blue.
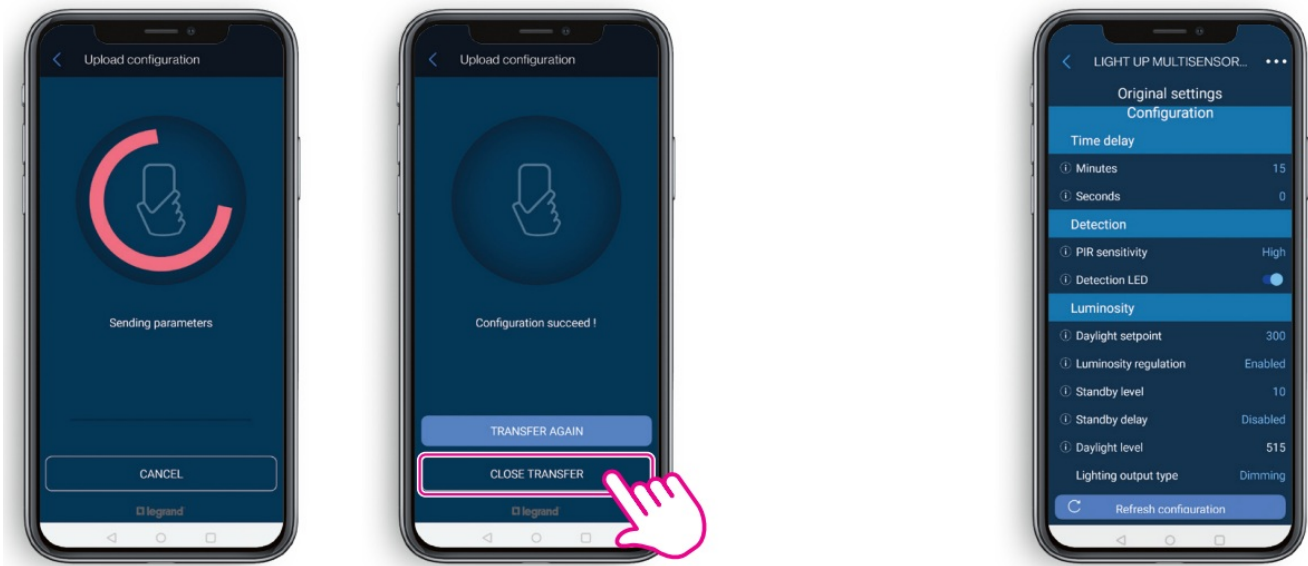
TIP

If the transfer was not successful, click on Transfer again.

PROCEDURE FOR ADDING A WIRELESS BATTERYLESS CONTROL

CONNECTING A WIRELESS BATTERYLESS CONTROL TO A DETECTOR

- Return to the Tools and See details screen.
- Click on Tools to associate a control to the detector.
- Click on Manage Legrand wireless devices.

- Go to the Wireless batteryless control tab.
- Click on + then scan the QR code of the control you want to associate.
- The radio LED on the detector turns to a steady magenta, indicating that the network has been opened.

- After scanning the QR on the control, the message Wireless batteryless control linked appears. The procedure is complete for the control. The radio LED goes out.
- The control appears on the list.

TIP

To ensure that the connection between the control and the detector is working properly, press its button to check that it is indeed controlling the luminaire(s).

TIP

The QR code is on the front of the product. Remember to zoom in before scanning.
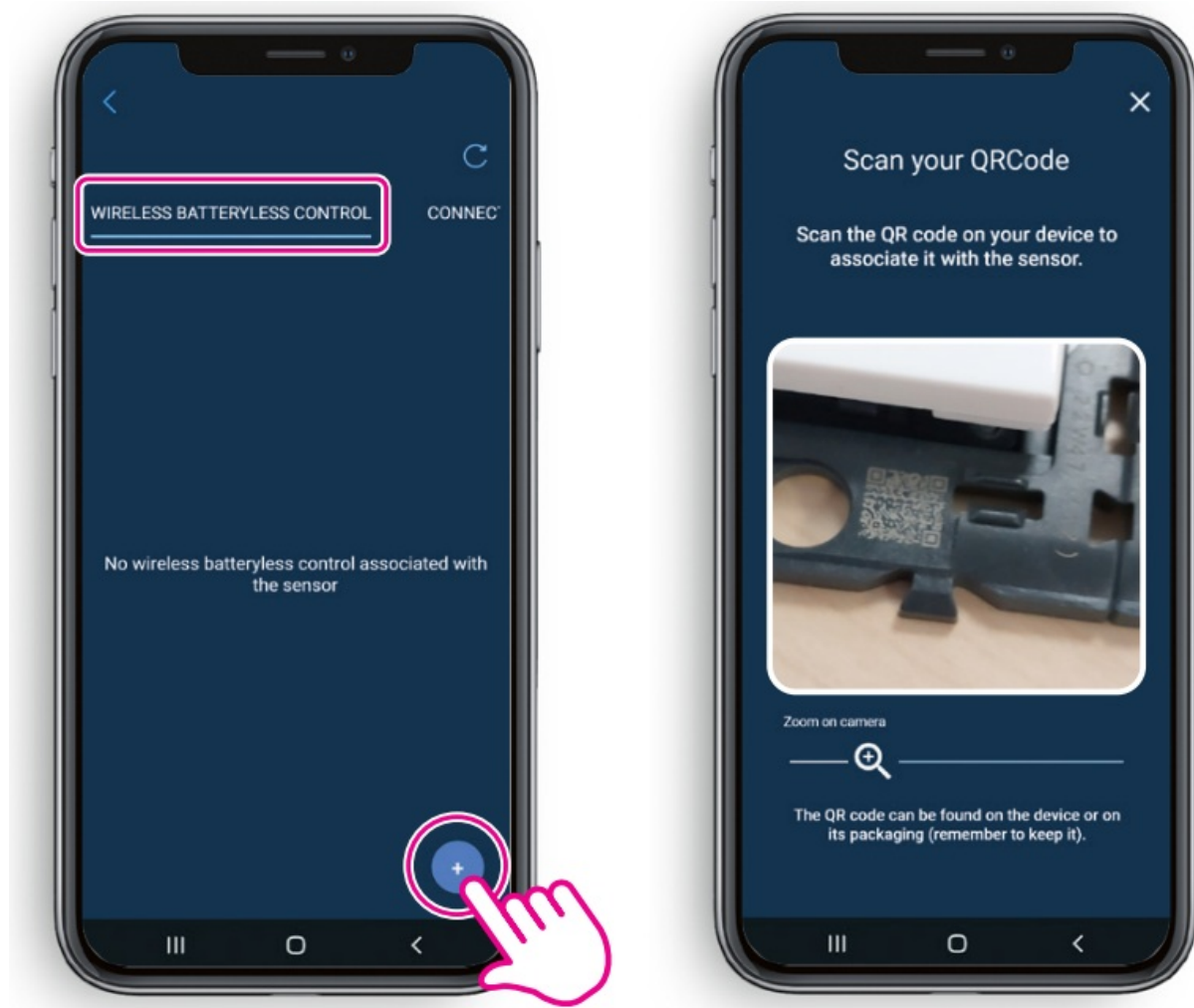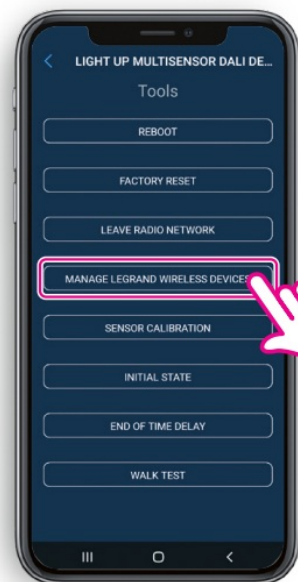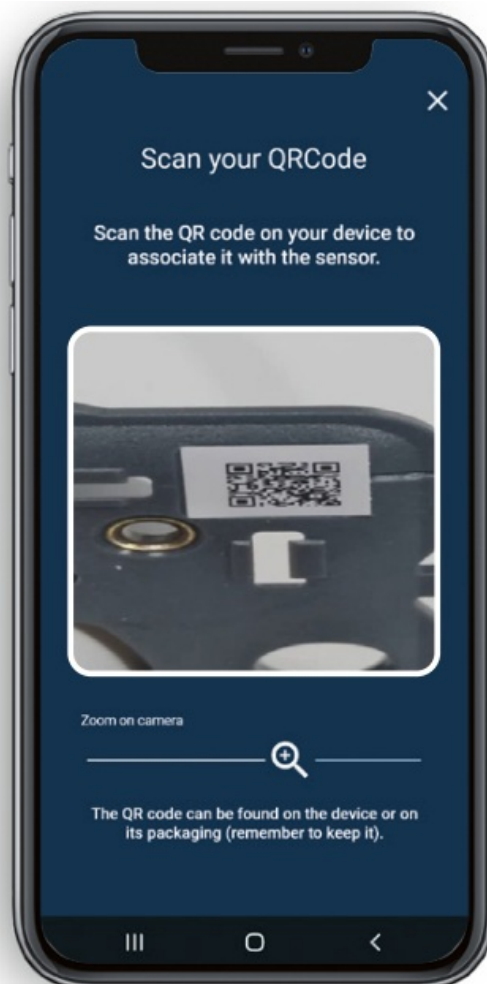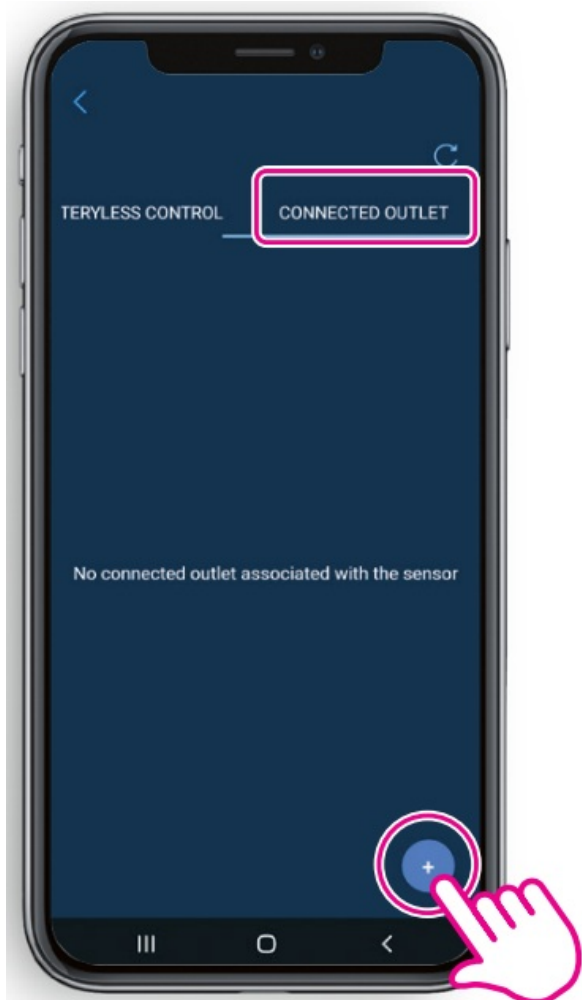
PROCEDURE FOR ADDING A CONNECTED OUTLET

ASSOCIATING A CONNECTED OUTLET TO A DETECTOR

- Return to the Tools and See details screen.
- Click on Tools to associate an outlet to the detector.
- Click on Manage Legrand wireless devices.

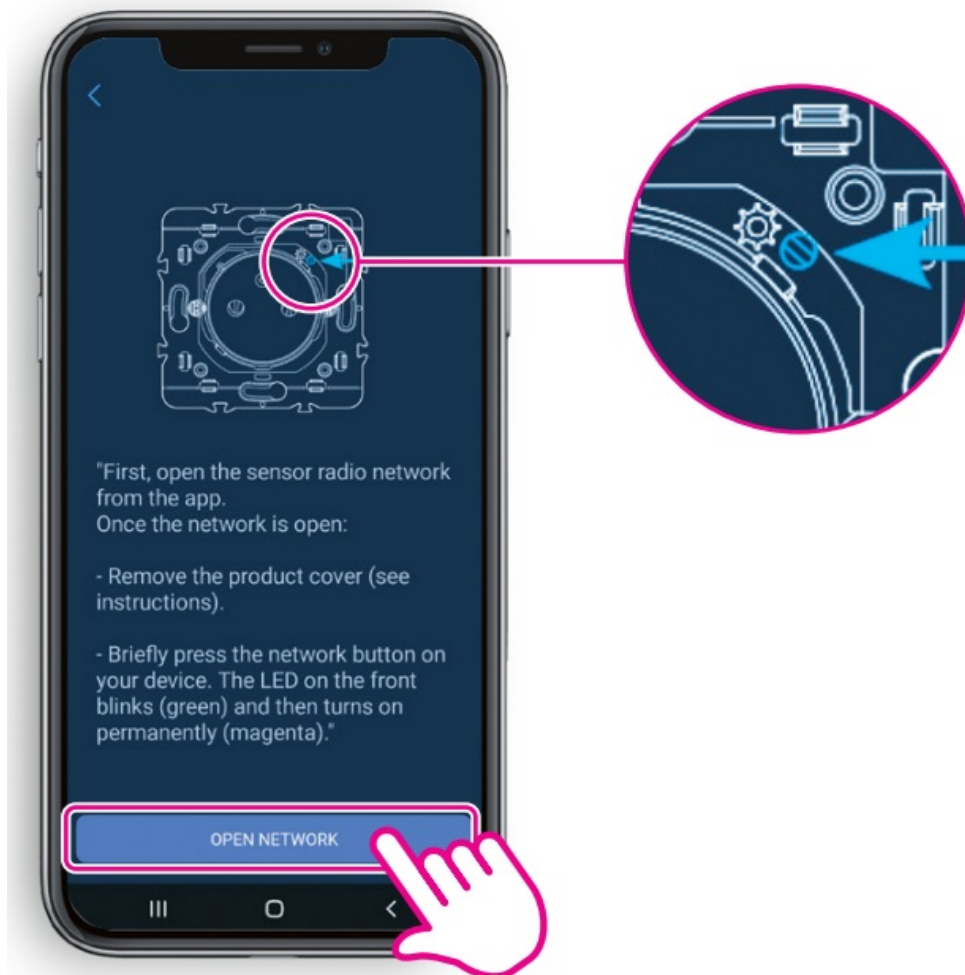- Go to the Connected outlet tab.
- Click on + then scan the QR code of the connected outlet you want to associate.

TIP

The QR code to scan is printed on the product. Remember to zoom in before scanning.

- Click Open Network on the application.

"First, open the sensor radio network from the app.
Once the network is open:

- Remove the product cover (see instructions).

- Briefly press the network button on your device. The LED on the front blinks (green) and then turns on permanently (magenta)."

OPEN NETWORK

- The Radio LED on the detector turns to a steady magenta, indicating that the network has been opened.
- Then press down on the outlet button, as requested by the application.

TIP

Once you have pressed down on the application, you must press down the outlet button within 3 minutes.

- The outlet's Radio LED flashes green and then turns a steady magenta when it has joined the detector's network.
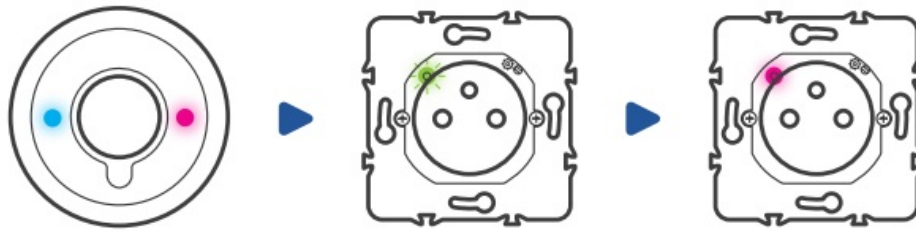
- Once the outlet has entered the network, press the network close button. Otherwise, wait until 3 minutes have passed.
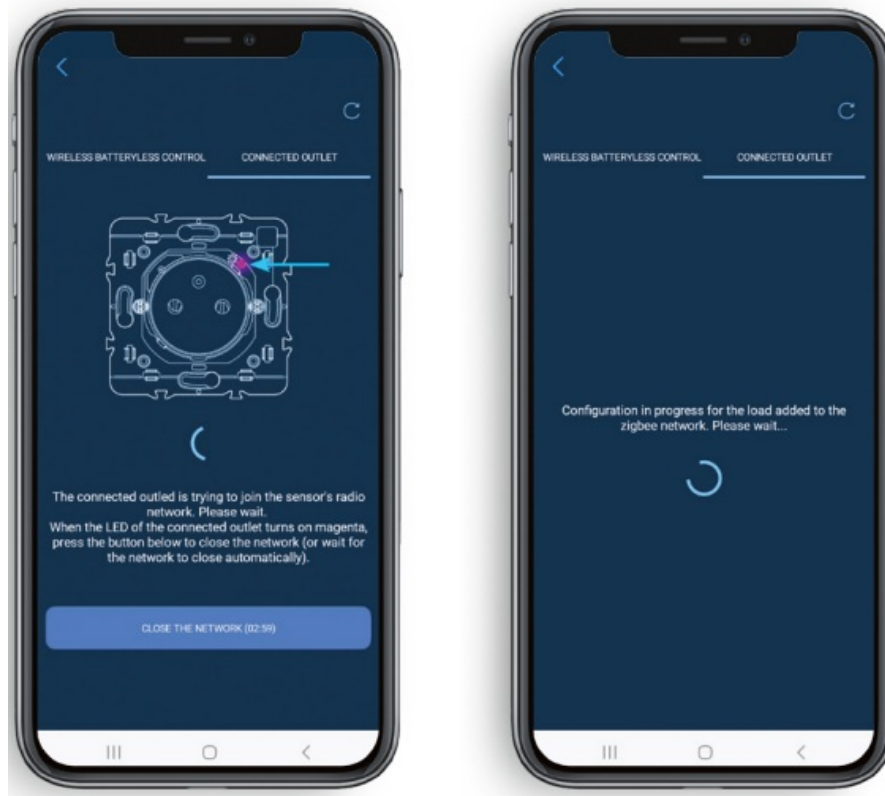

- The outlet's LED will turn a steady magenta and the message Connected outlet linked will appear. The procedure is complete for the outlet.
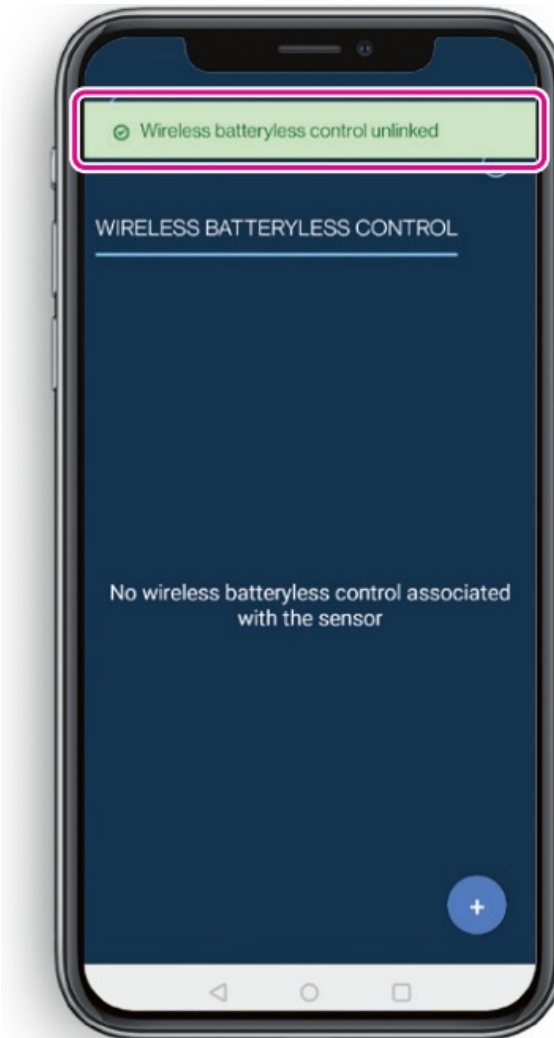- The outlet appears on the list.
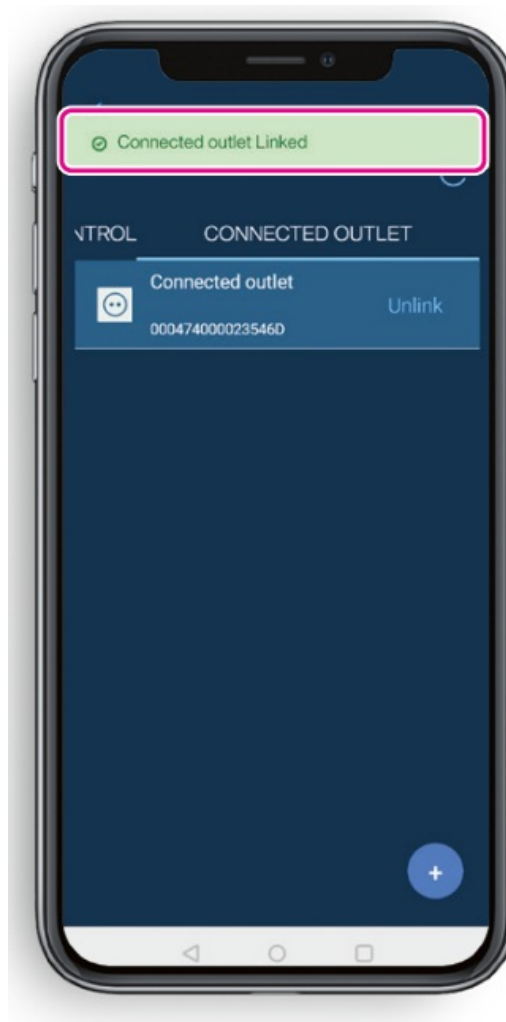
PROCEDURE FOR REPLACING A BATTERYLESS WIRELESS CONTROL UNIT

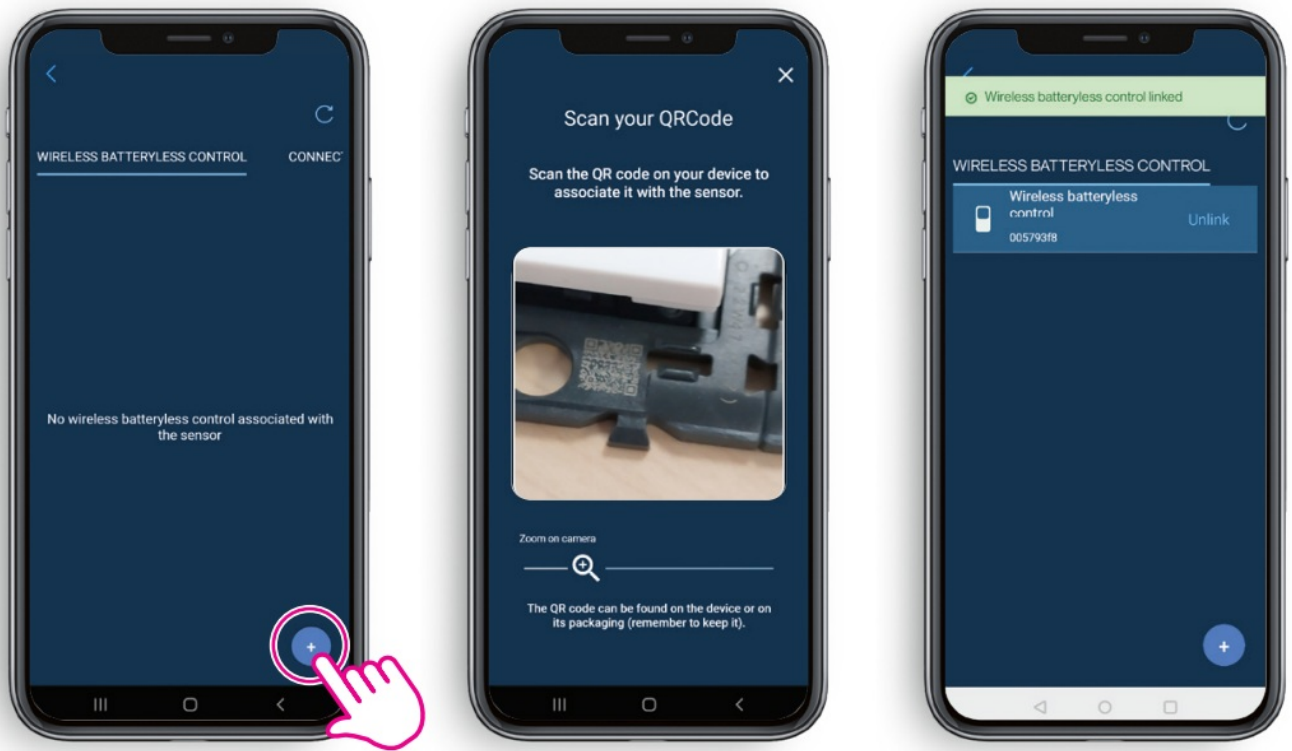DISSOCIATING A BATTERYLESS WIRELESS CONTROL FROM A DETECTOR

- On the Tools and See details screen.
- Click on Tools then Manage Legrand wireless devices.
- Click Unlink.
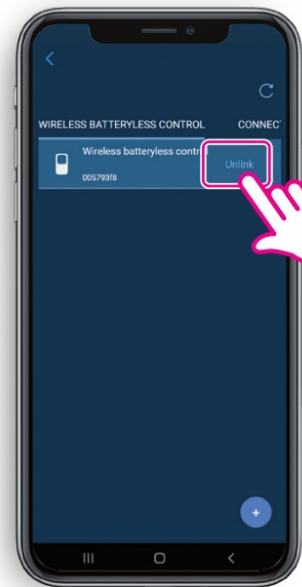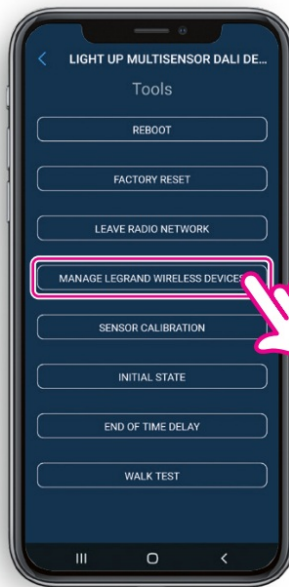
- The message Wireless batteryless control unlinked will appear.

- Click on + then scan the QR code of the new control you want to associate.
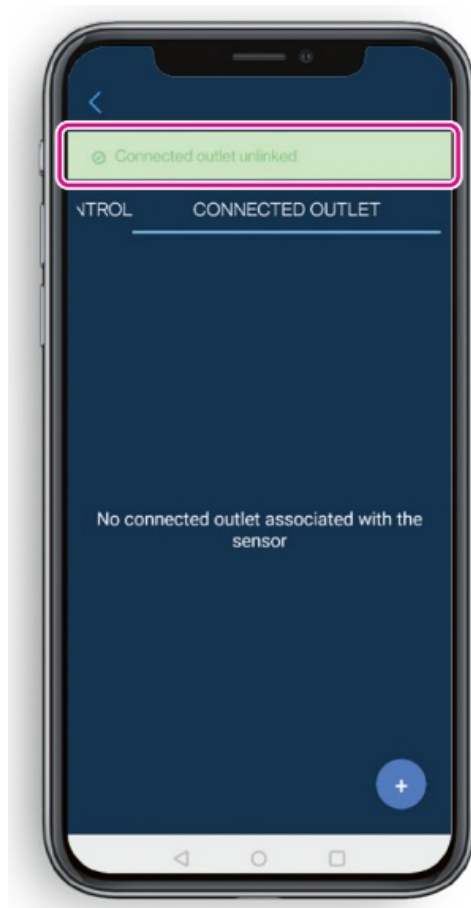- The procedure for the control is complete.

PROCEDURE FOR REPLACING A CONNECTED OUTLET

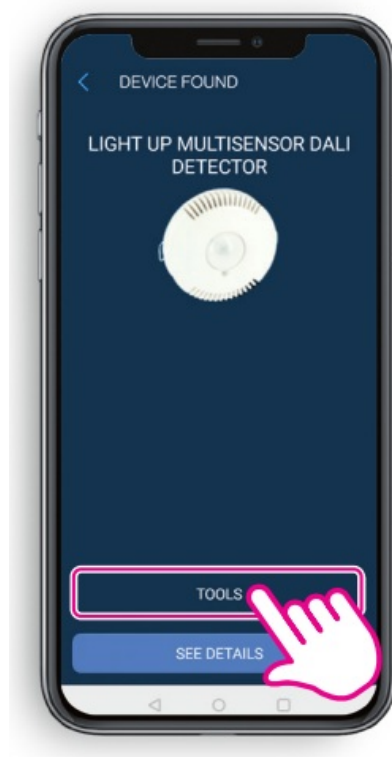DISSOCIATING A CONNECTED OUTLET FROM A DETECTOR

- On the Tools and See details screen.
- Click on Tools then Manage Legrand wireless devices then go to the Load tab.
- Click Unlink.
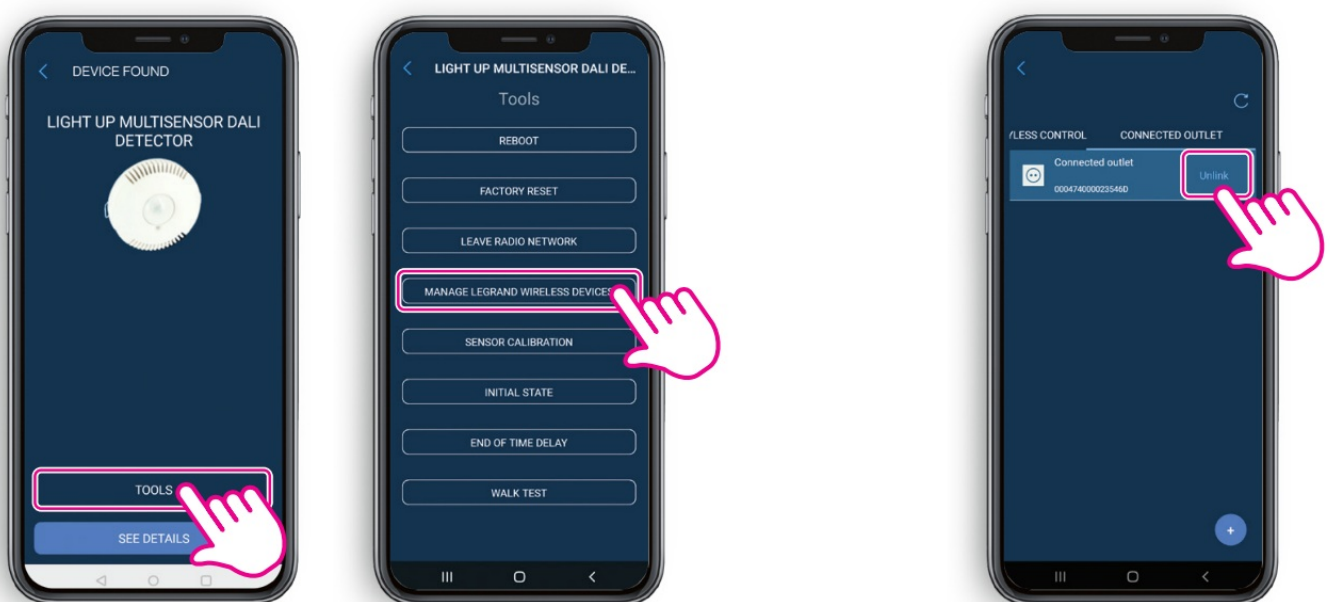
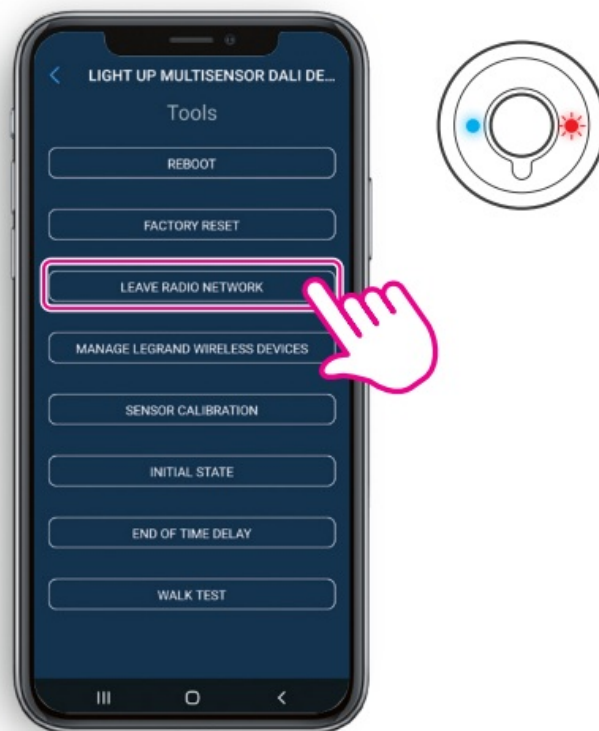The message Connected outlet unlinked will appear.

Redo the Procedure for adding a connected outlet > Associating a connected outlet to a detector.

PROCEDURE FOR REPLACING A DETECTOR

DISASSOCIATE WIRELESS PERIPHERALS FROM A FUNCTIONAL DETECTOR

- On the Tools and See details screen.
- Click on Tools.
- Click on Leave radio network.
- The detector's LED blinks red.

IMPORTANT

If the detector cannot be reached via Bluetooth (non-functional product), it will be necessary to carry out the Reset process described in the manual for the connected outlet and to delete the configuration of the batteryless wireless control as described in the manual for the battery less wireless control.
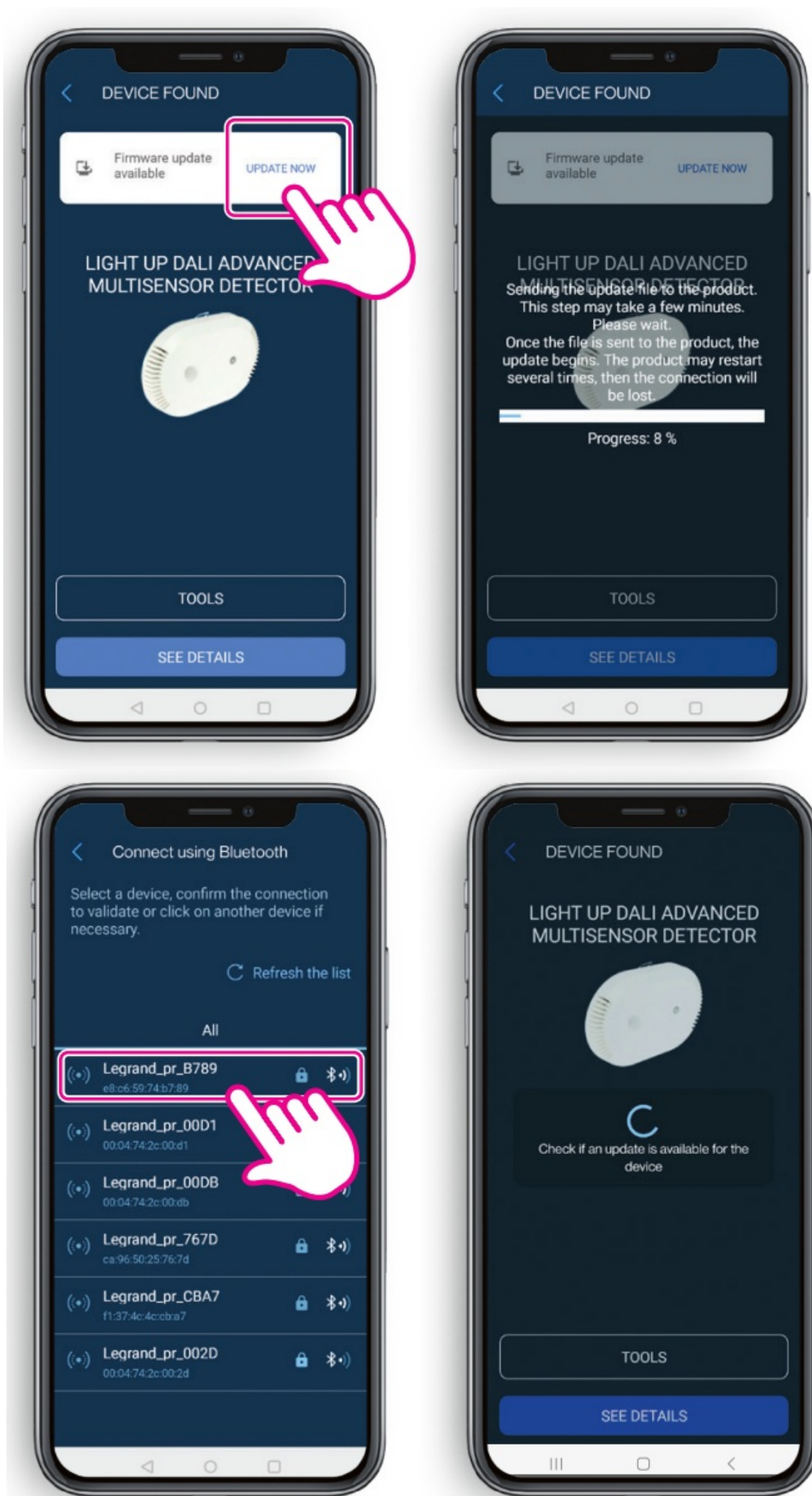
INSTALLING A NEW DETECTOR AND ITS WIRELESS PERIPHERALS

To add the new detector and its peripherals, follow the steps given in the Installation procedure > 1. Searching for a detector using the Close Up application.
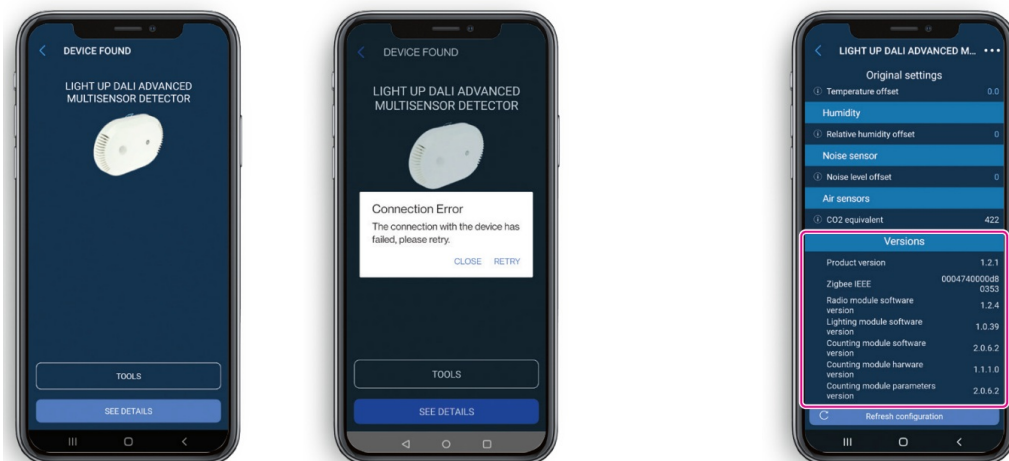
PROCEDURE FOR UPDATING A DETECTOR

UPDATING A DETECTOR

- Connect to the detector using Bluetooth.
- Click Update Now to launch the update.

- The update file has been sent to the detector.
- The detector will blink cyan during the update. This step requires the detector to be restarted.
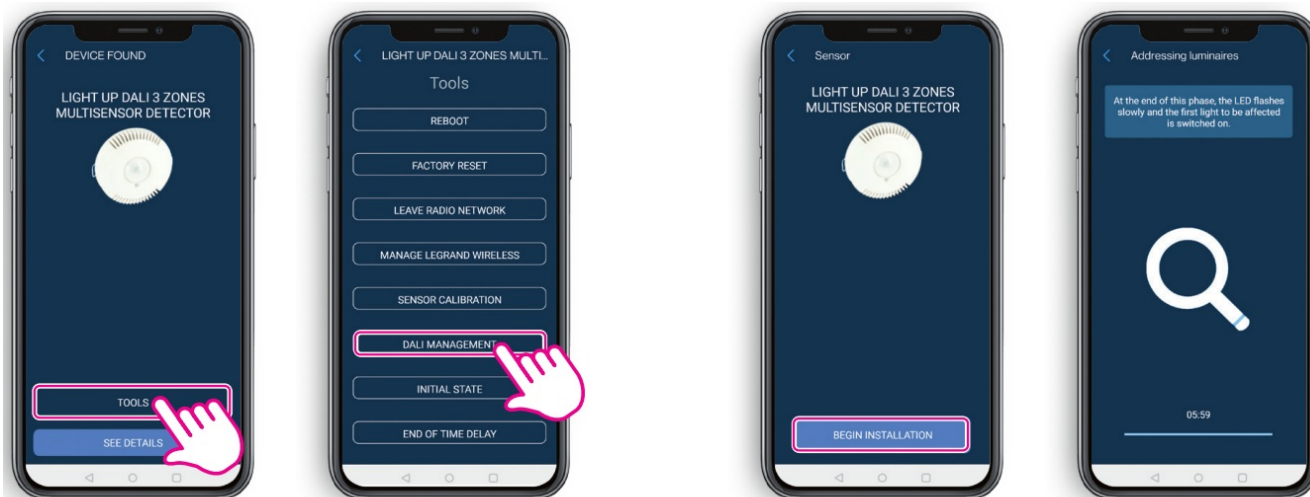
PROCEDURE FOR INSTALLING A 3-ZONE DALI
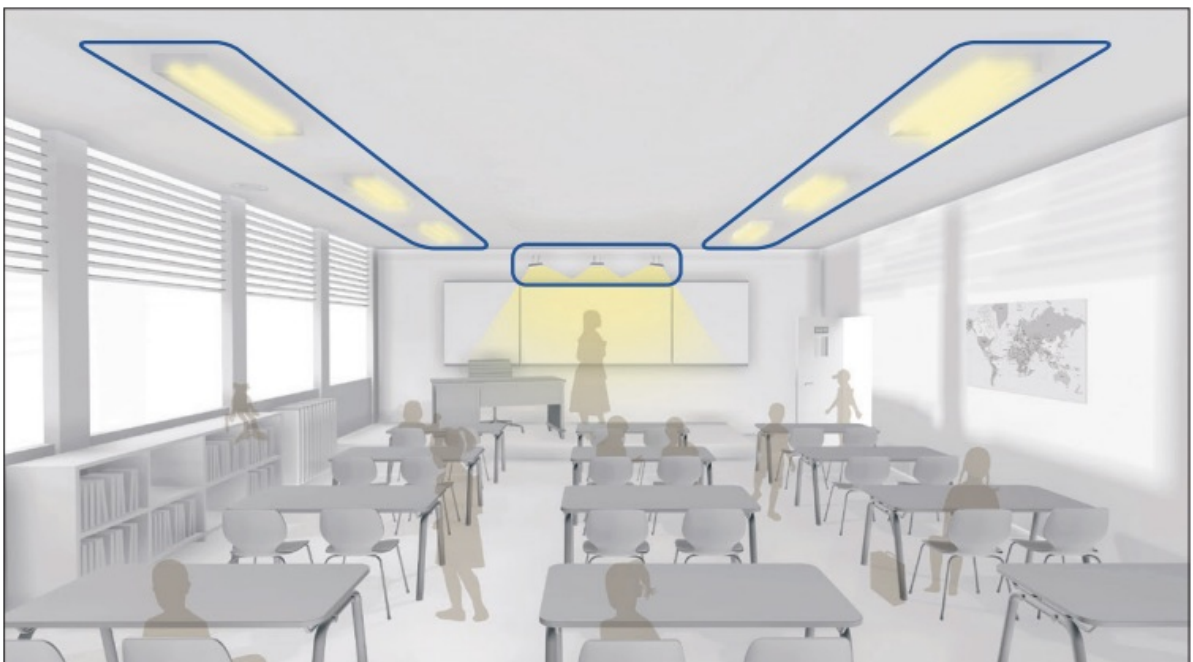
CREATING AN INSTALLATION

- Connect to the detector using Bluetooth.
- Click on Tools.
- Select DALI management.
- If there is no existing installation, click Begin installation.
- The luminaire search is launched.

- The search and addressing phase is now complete. The number of luminaires found is indicated.
- Click on Assign luminaires.
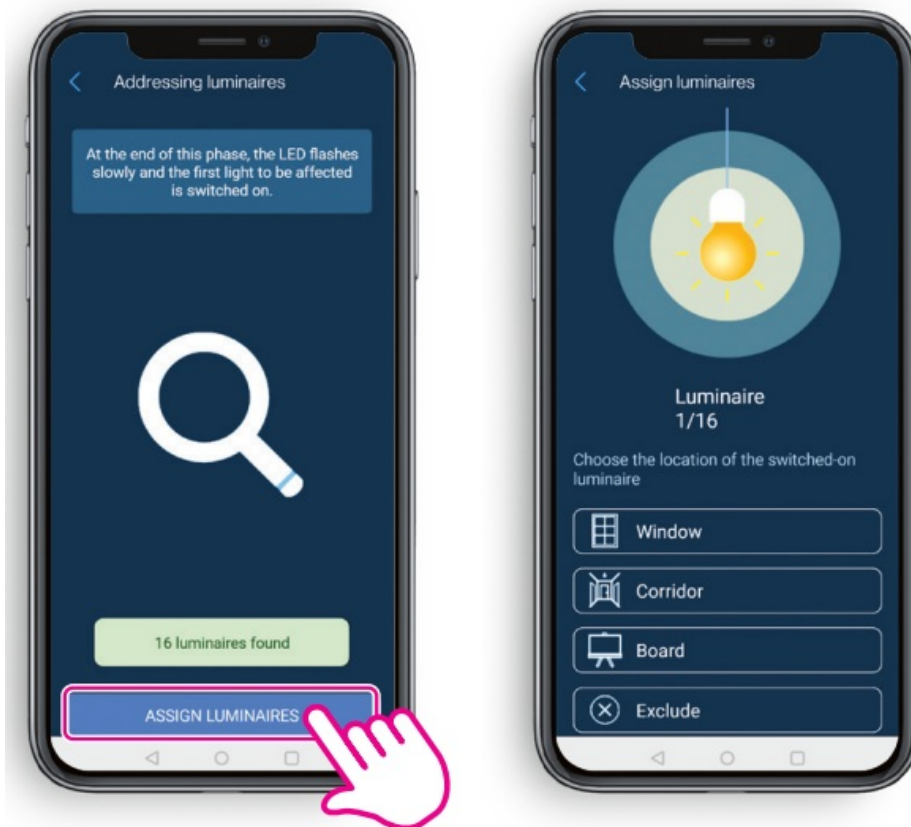
- For each luminaire, choose a group to assign it to:
    - window
    - corridor
    - board
    - the luminaire can also be excluded
- Each luminaire will light up individually, to facilitate its location in the room.
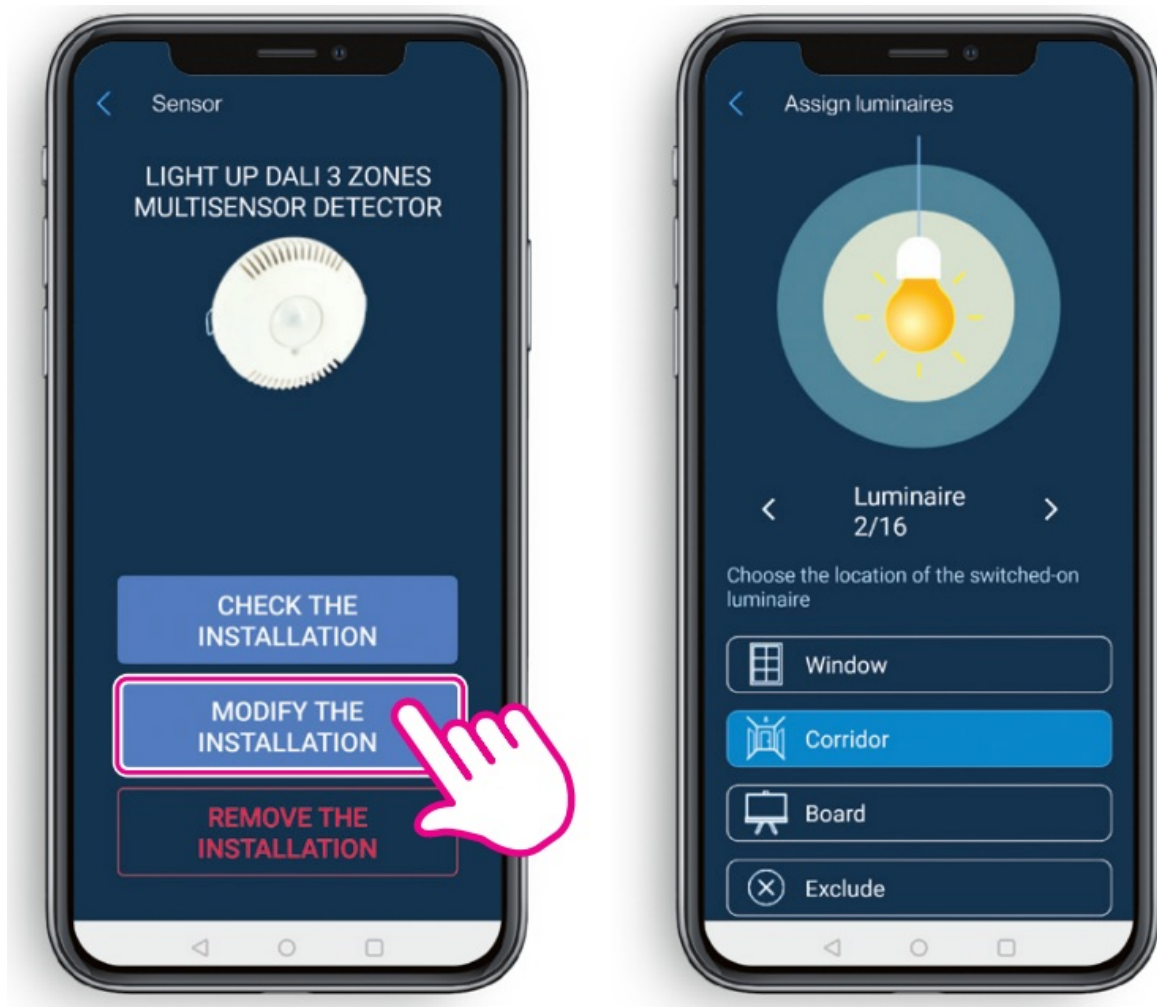

VERIFYING AN INSTALLATION

- Once all the luminaires have been assigned, you can check each group of luminaires.
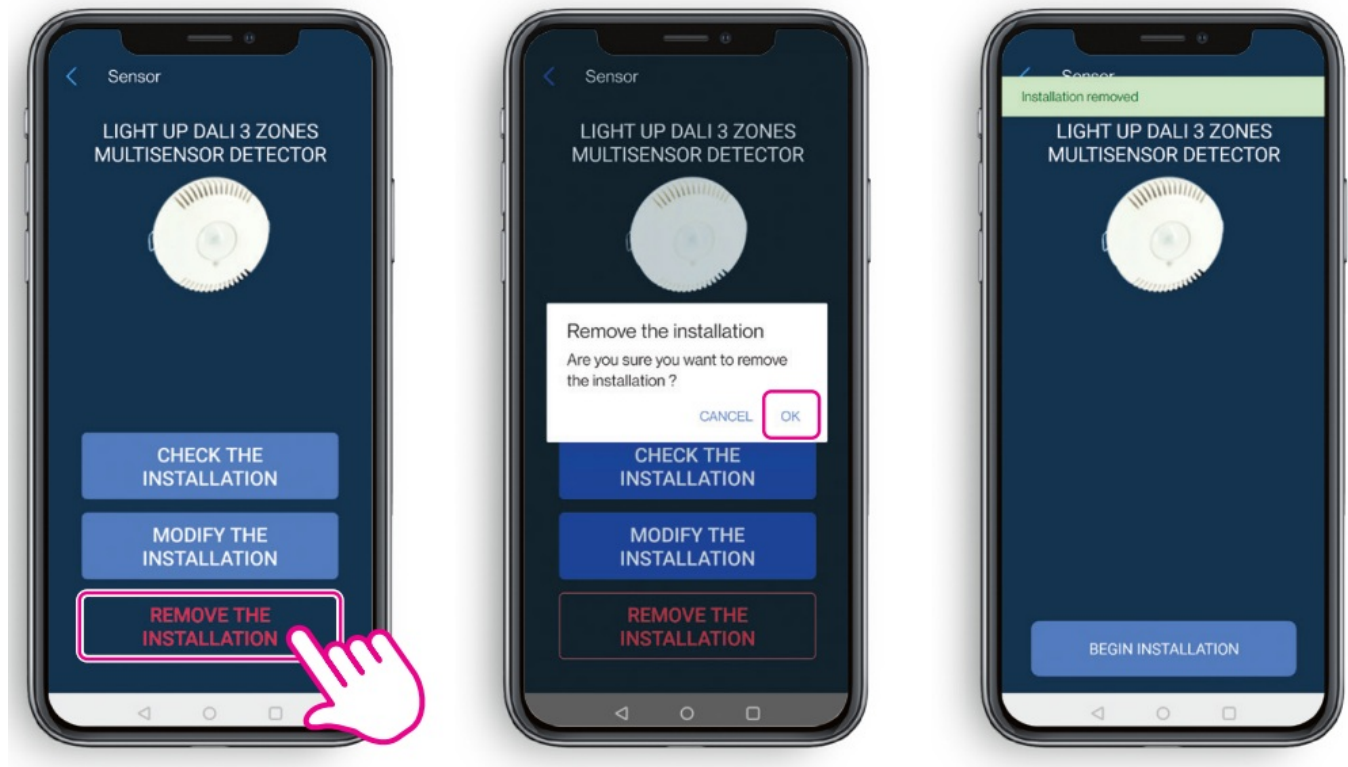

MODIFYING AN INSTALLATION

If you need to modify the installation, click on Modify installation.

REMOVING AN INSTALLATION

- Click on Delete DALI Installation.
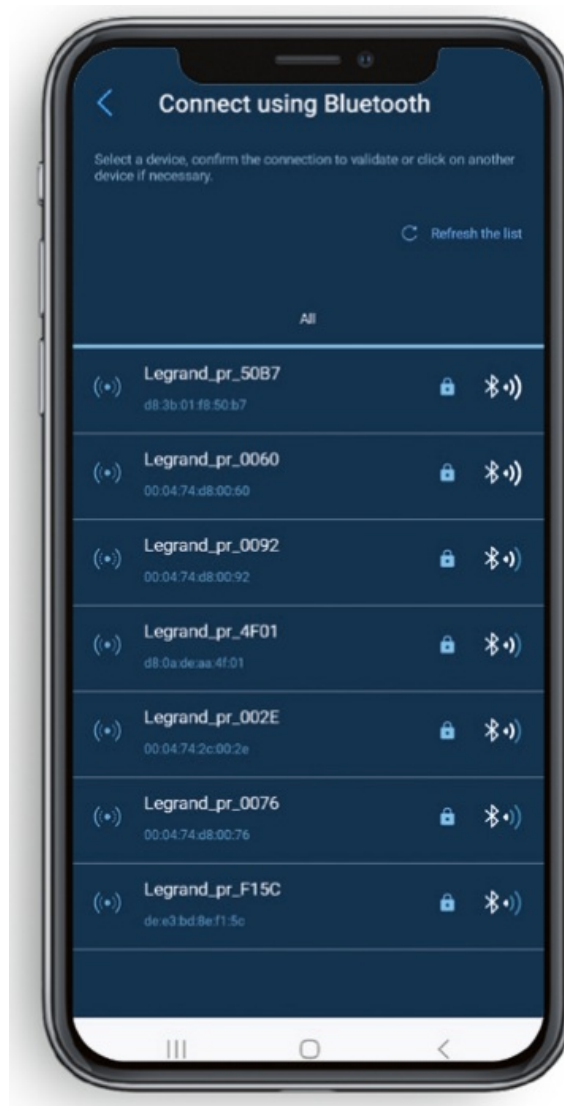- Confirm the deletion by clicking on OK.
- The installation is then deleted.

PROCEDURE FOR MASTER/SLAVE MANAGEMENT
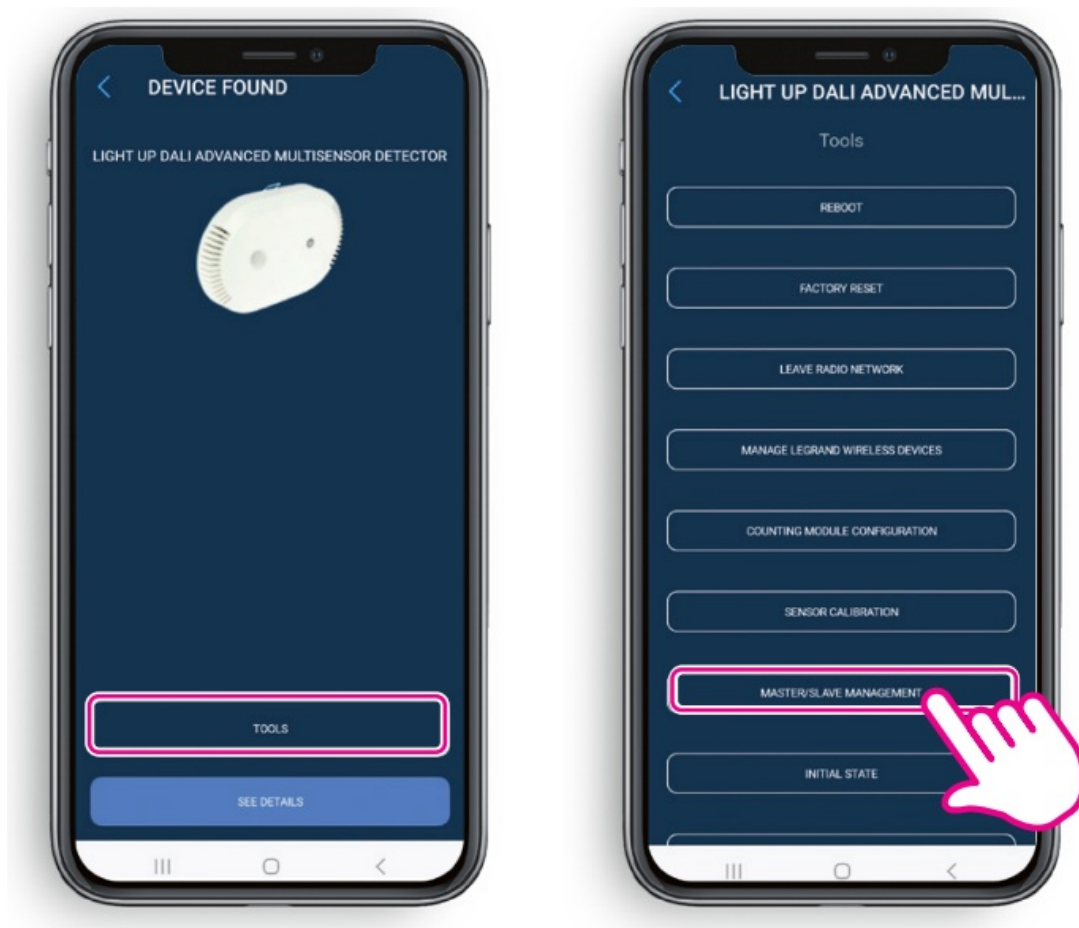
PRE-REQUISITES

All luminaires must be connected to the Master detector only.

BLUETOOTH CONNECTION TO MASTER

- From the list of nearby Bluetooth devices, select the detector that will operate as the Master.
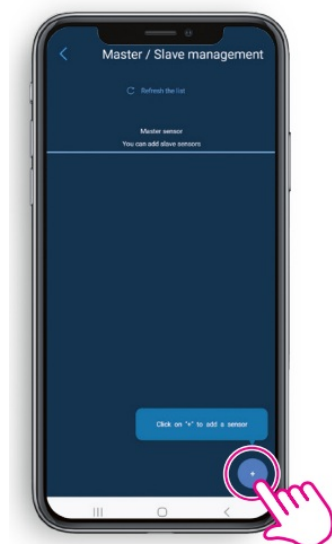
- Click on Tools
- Select Master/Slave Management

ADDING SLAVES

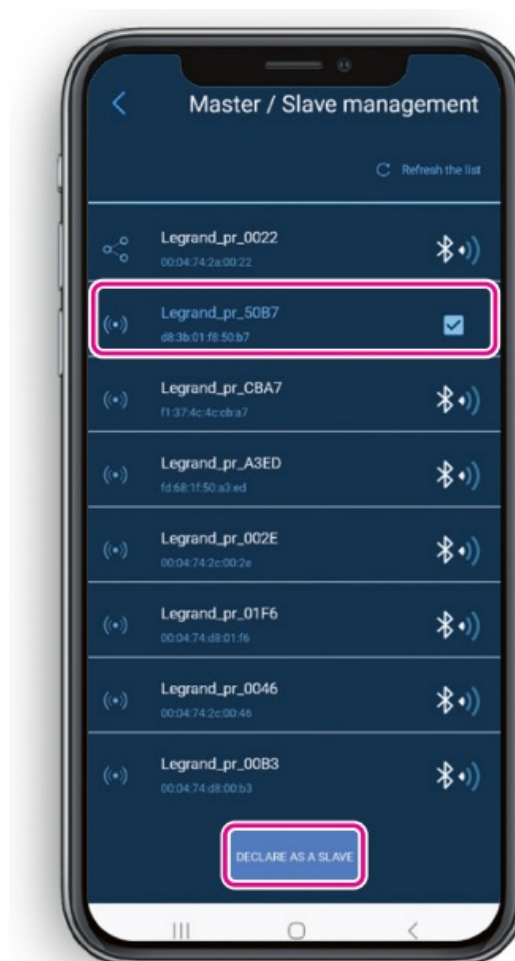To add slaves, press the + at the bottom of the screen.
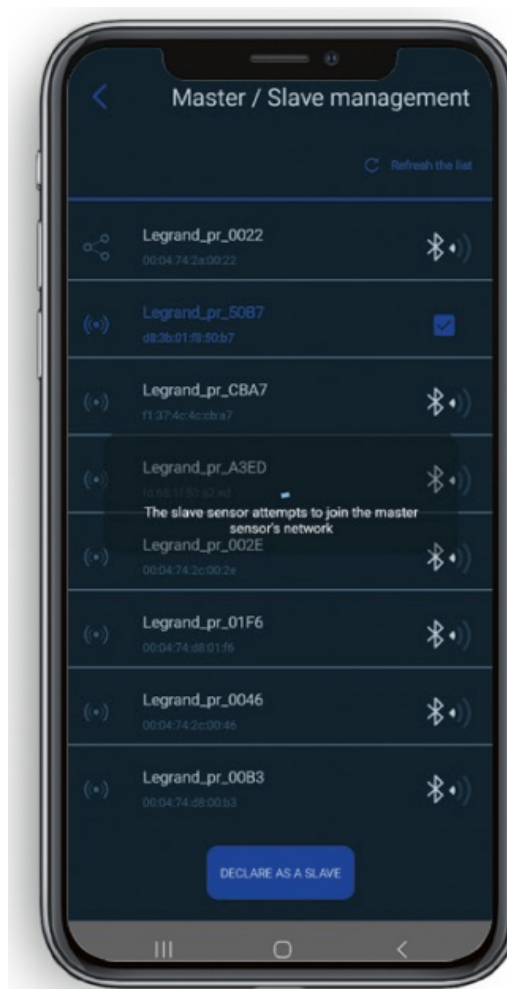

Master

TIP

The **Master** opens its Radio Network.

The Radio LED turns on magenta and the Bluetooth LED turns off.

The list of nearby detectors is displayed, click on the Slave you wish to add.

Then select Declare as a Slave.

NOTE
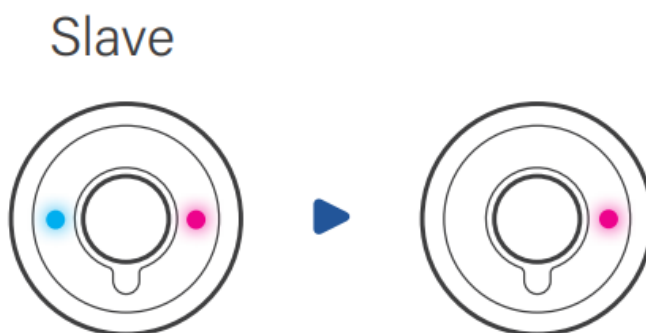
It is possible to add up to 5 Slave detectors.

TIP

- The app connects to the Slave when clicking on it.
- The Bluetooth LED of the selected Slave lights up blue to identify the correct one.

The Slave's Radio LED blinks magenta until it successfully joins the Master's network.
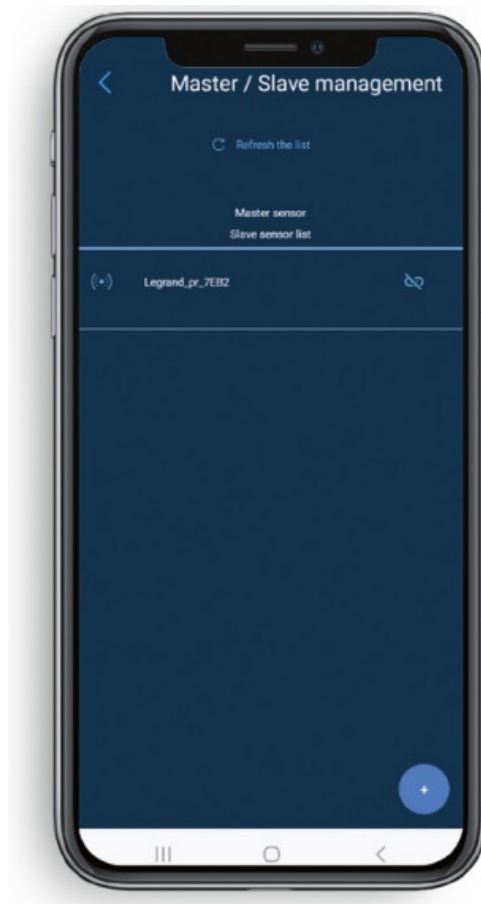
Then, the LED goes to a steady magenta.

Finally, the app disconnects from the Slave and reconnects to the Master.

The Slave's Bluetooth LED turns Off and the the Master's turns On.

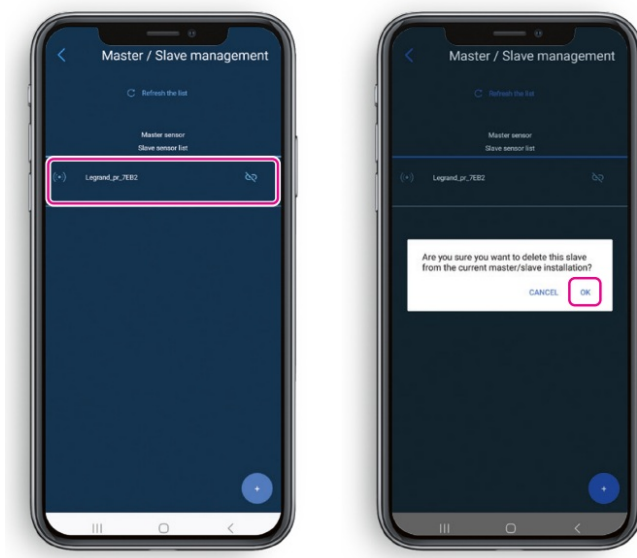The Master closes its network, both Radio LEDs turn off.

END OF PROCEDURE

- The list of slaves associated with the master is displayed.

REMOVING SLAVES

- Click on the Slave you wish to remove.
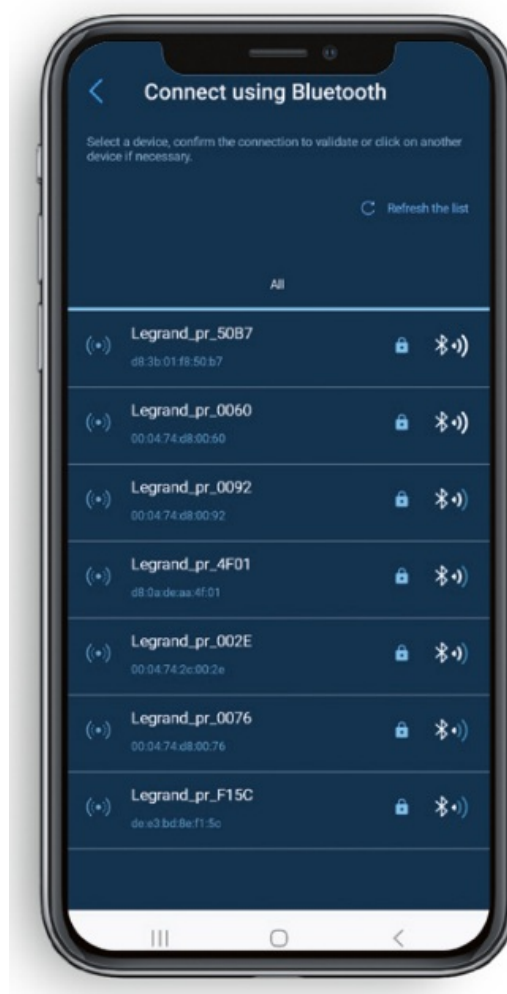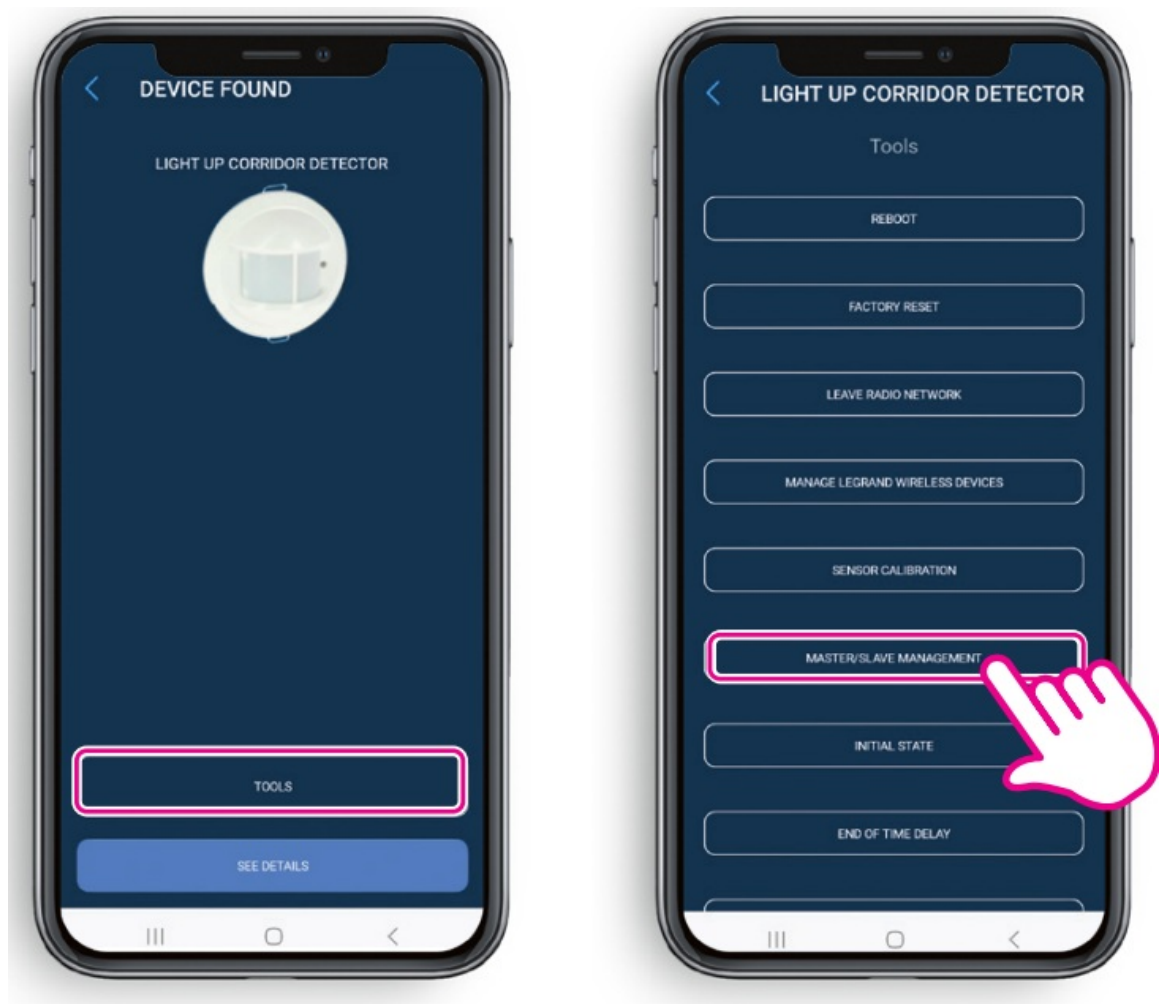- Click OK to delete the Slave.

Slave

TIP

The Radio LED of the selected **Slave** will blink blue, for easy identification.
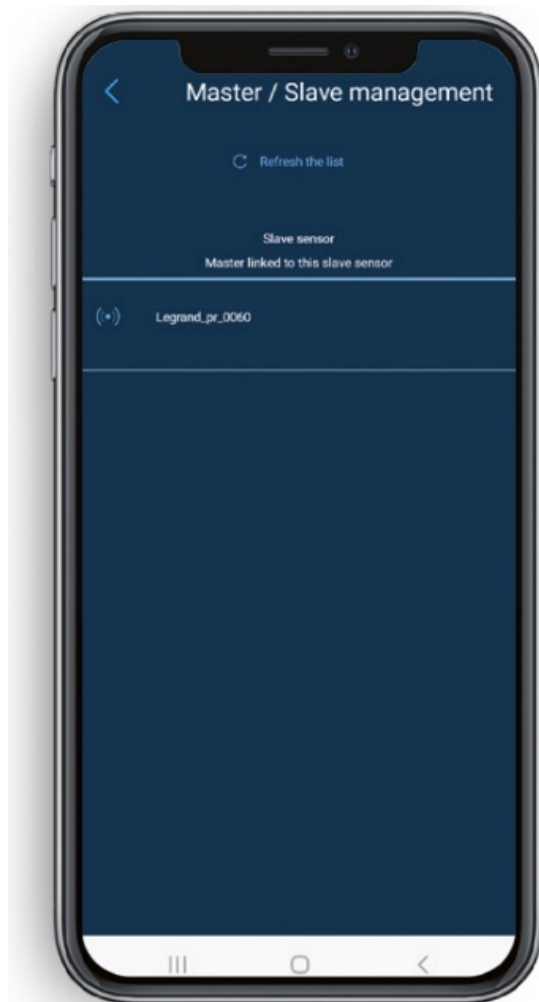
IDENTIFY A MASTER VIA A SLAVE

- On the list of nearby detectors, select the desired Slave to access its Master's name.

- Click on Tools
- Select Master/Slave Management

LIGHT UP CORRIDOR DETECTOR

TOOLS

SEE DETAILS

Tools

REBOOT

FACTORY RESET

LEAVE RADIO NETWORK

MANAGE LEGRAND WIRELESS DEVICES

SENSOR CALIBRATION

MASTER/SLAVE MANAGEMENT

INITIAL STATE

END OF TIME DELAY

- The Master's name is then displayed.
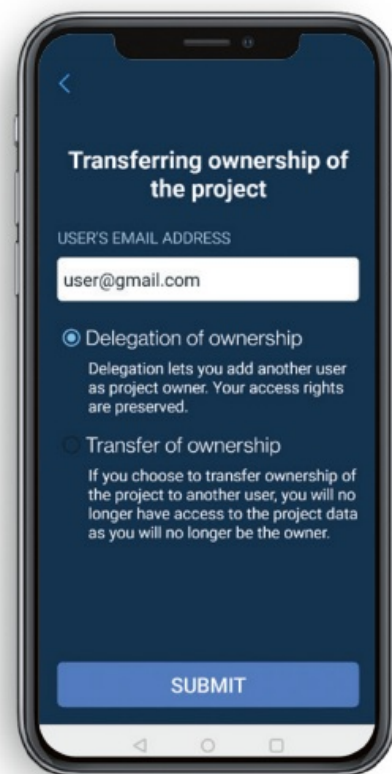
SHARING OR TRANSFERRING PROJECT MANAGEMENT

1. **SHARE PROJECT MANAGEMENT**
   - Open the projects list.
   - Swipe from right to left.
   - Click the share button.
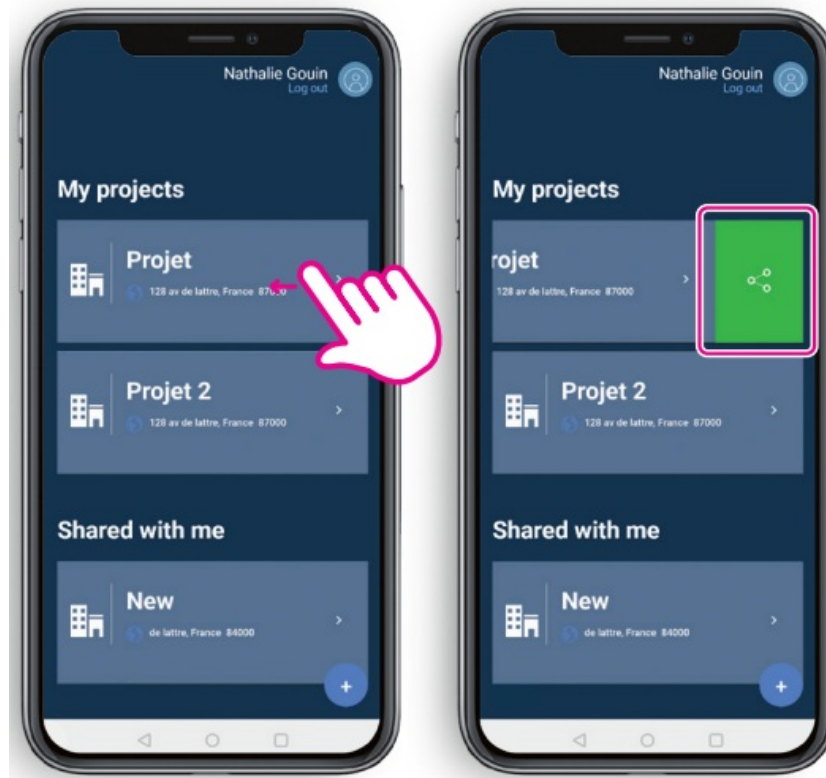
- Select Delegation of ownership.
- Enter the e-mail address of the person you want to share ownership of the project with.
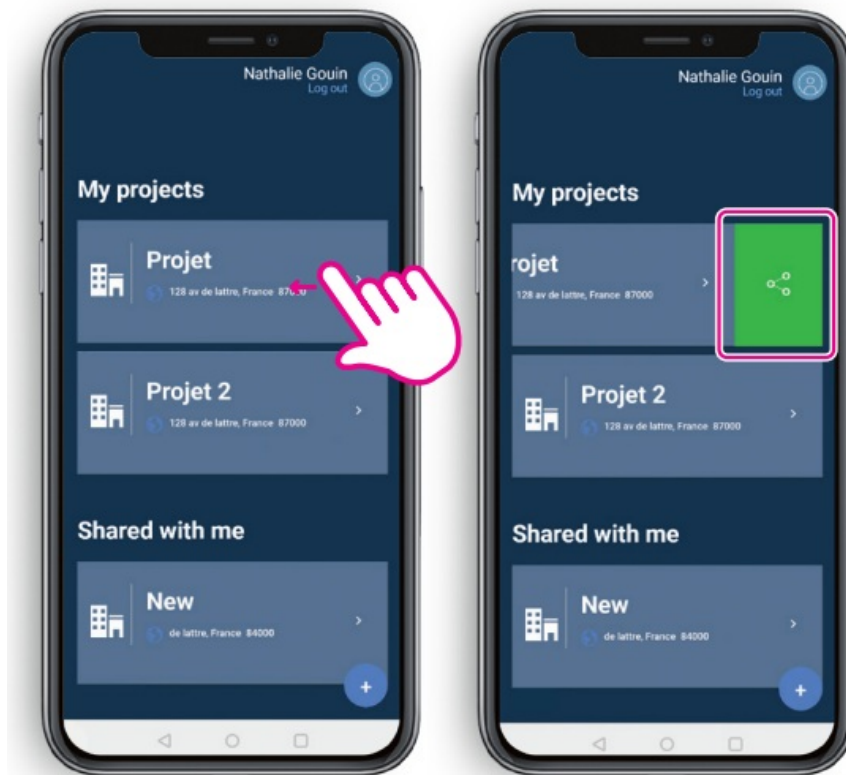- Click on Validate.

NOTE

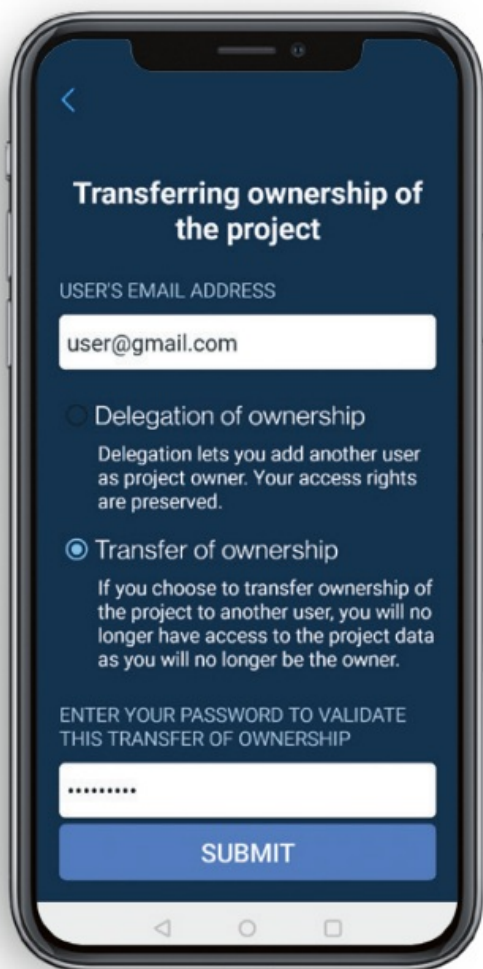Ownership of the project is shared, preserving all your access settings.

2. **TRANSFER PROJECT MANAGEMENT**
   - Open the projects list.
   - Swipe from right to left.

- Click the share button.

- Select Transferring ownership of the project.
- Enter the e-mail address of the person you want to transfer ownership of the project to.
- Enter your Legrand account password.

NOTE

Ownership of the project is transferred completely. You will no longer have access to it.

facebook/legrand   linkedin/legrand   twitter/legrand   pinterest/legrand   legrand.fr

Service Relations Pro

0810 48 48 48 Free service + price call

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- 128 av. de Lattre de Tassigny
- 87045 Limoges Cedex – France
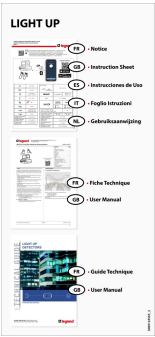- E-mail : accessible on legrand.fr

FAQ

What is the purpose of the presence detector in this product?

The presence detector allows for automatic control of light sources based on occupancy, improving energy efficiency and convenience.

How many lighting zones can be managed with this product?

This product can manage up to 3 lighting zones, with different control options for each zone.

Documents / Resources

legrand LE13949AB Multi Sensor Detector [pdf] Instructions LE13949AB, 0 485 73, LE13949AB Multi Sensor Detector, LE13949AB, Multi Sensor Detector, Sensor Detector

References

- User Manual

🏷 0 485 73, LE13949AB, LE13949AB Multi Sensor Detector, legrand, Multi-Sensor Detector, Sensor
📁 Legrand   Detector

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