LEDVANCE

DIRECT EASY

MOBILE APP QUICK USER GUIDE

WIRELESS LIGHT CONTROL

SIMPLE, INTELLIGENT, FLEXIBLE

NO GATEWAY

DIRECT EASY APP

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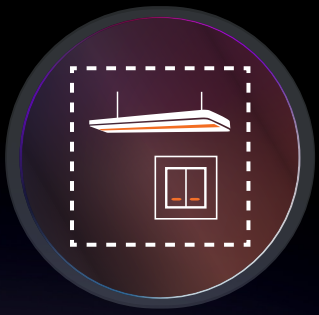
QUICK START

CONTROL YOUR LIGHTS IN 3 STEPS



1. Create a Zone

Open the app and tap
‘CREATE ZONE’
Give it a name (e.g., “Office”).

2. Discover Devices

Tap **‘START BLUETOOTH DISCOVERY’**
Make sure lights are powered on
Stay within 10m.

3. Control Your Lights

Once devices are added, use the **DASHBOARD** to turn lights ON/OFF, dim, or create scenes.

STEP 1:
NAME YOUR ZONE

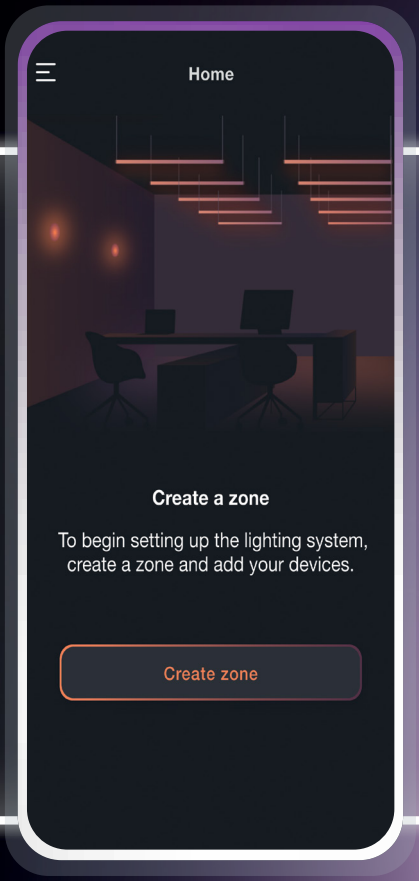
After tapping ‘Create zone’ on the welcome screen, you are directed to the Zone Naming screen. This step is essential for identifying and organizing your lighting network.

This screen allows you to assign a unique name to your Zone, making it easier to manage and distinguish between multiple Zones in the app.

INSTRUCTIONS:

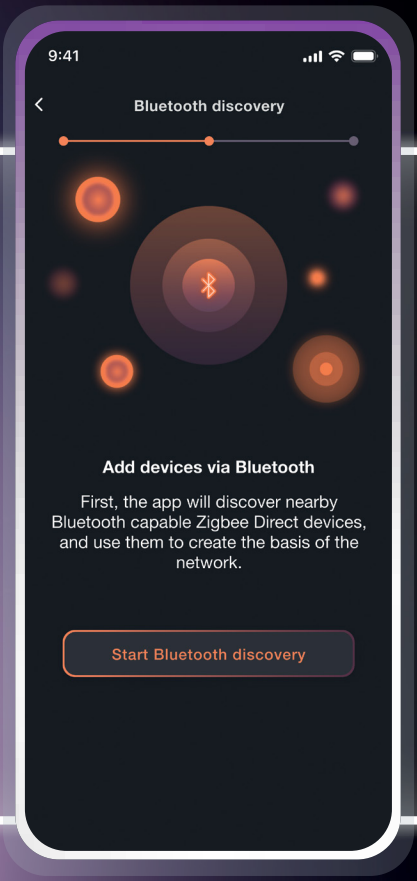
1. Tap the **‘Zone name’** field.
2. Use the on-screen keyboard to enter a name (e.g., Office West, Lobby, Zone A)
3. Once a valid name is entered, the **‘Create Zone’** button becomes active.
4. Tap **‘Create Zone’** to proceed.

! The Zone is the entire Network which will be created. Within this Zone you can group the lights together for daylight harvesting or precise group control via switches. Also, 1 Zone = 1 room.



STEP 2:
DISCOVER NEARBY DEVICES VIA BLUETOOTH

Once a Zone has been named, the app proceeds to search for nearby devices using the smartphone's Bluetooth interface. This screen initiates the discovery of Bluetooth-capable Zigbee Direct devices within range. These devices will form the foundation of your lighting network.



INSTRUCTIONS:

1. Tap **'Start Bluetooth discovery'**.
2. Wait while the app scans for nearby devices.
3. Detected devices will appear on the next screen for selection and configuration.

! The Bluetooth range is ca. 10 meters indoors. To discover additional devices move closer to the devices you want to commission.

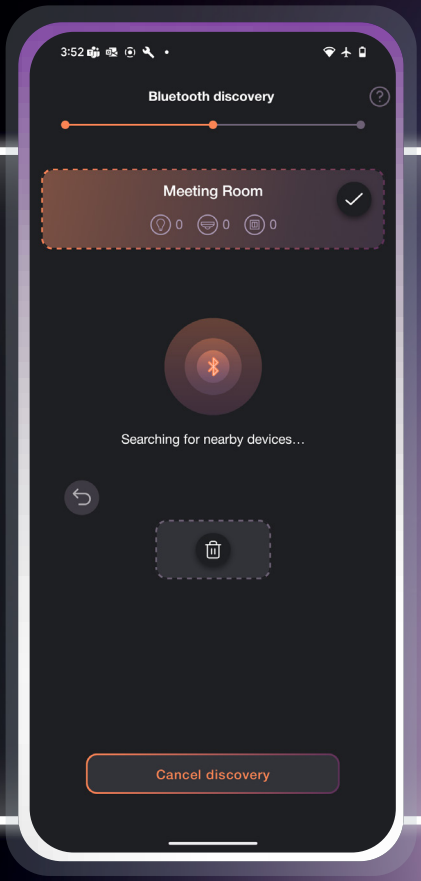
STEP 3:
VIEWING AND SELECTING DISCOVERED DEVICES

After initiating Bluetooth discovery, the app begins scanning nearby devices and displays them in real time as they are found.

This screen allows users to monitor the discovery process and select devices to include in the Zone.

INSTRUCTIONS:

1. Wait for nearby devices to appear in the list.
2. Devices are being shown in cards with name and signal strength.
3. If needed, tap **‘Cancel discovery’** to stop the setup process.



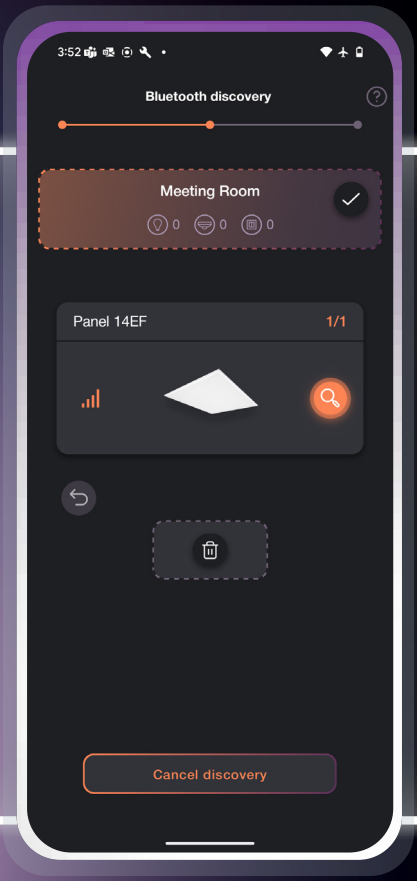
! All devices added will be factory reset and can be commissioned by restarting the Zone/Network creation.

INFORMATION:
UNDERSTANDING THE DEVICE CARD INTERFACE

As devices are discovered via Bluetooth, each one is presented as an interactive Card. This interface allows users to review, manage, and assign devices to the Zone with intuitive gestures.

EACH DEVICE CARD INCLUDES:

1. Device Name
2. Device Image
3. Bluetooth Signal Strength Icon
4. Blinking Indicator



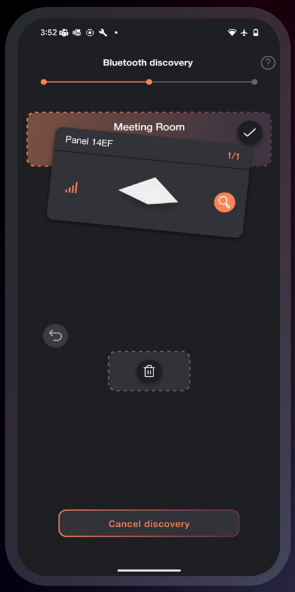
INTERACTIVE GESTURES:

- **Swipe Up:** Adds the device to the current Zone/Network.
- **Swipe Down:** Sends the device to the trash can.
- **Back Button:** Reverts to the previous card.

CATEGORY COUNTERS:

1. Luminaires
2. Sensors
3. Manual Input Devices

STEP 4:
ALLOCATE DEVICE TO ZONE



ADDING A DEVICE TO THE ZONE (SWIPE UP)

Once a device card is displayed, users can interact with it using intuitive gestures. Swiping up is the primary action for adding a device to the Zone.

SWIPE UP ACTION:

1. Gesture: Swipe the card upward
2. Result: The device is added to the Zone and categorized accordingly
3. Feedback: A checkmark appears next to the device name

DISCARDING A DEVICE (SWIPE DOWN)

If a discovered device is not intended to be part of the current Zone, users can discard it using a simple swipe-down gesture.

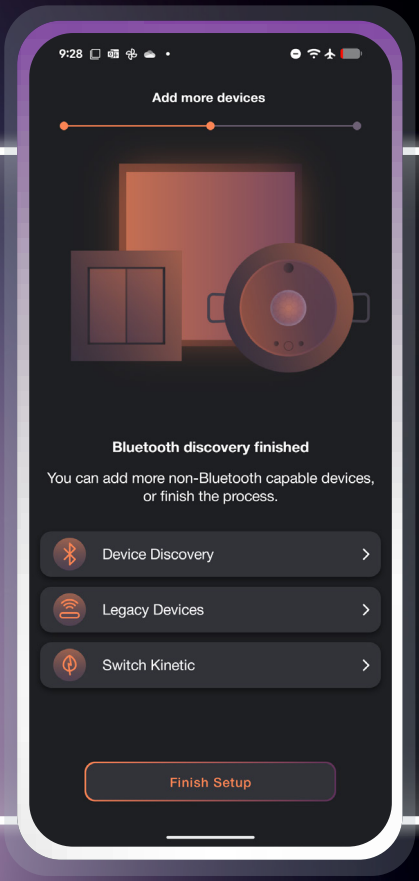
SWIPE DOWN ACTION:

1. Gesture: Swipe the card downward
2. Result: The device is discarded and will not be added to the Zone
3. Feedback: The card disappears, and the next device is shown

STEP 4:
ALLOCATE DEVICE TO ZONE

SWITCH KINETIC COMMISSIONING

This process enables the integration of an EnOcean Green Power Switch into your lighting network using QR code and NFC scanning.



STEP-BY-STEP INSTRUCTIONS:

1. **Select Switch Kinetic**
   - This will start the onboarding process.
   - The menu can be reached from the plus button from the dashboard with tapping on “Devices”
2. **NFC Scanning**
   - The app prompts: Ready to NFC scan.
   - Hold your phone close to the switch to initiate pairing.
   - Ensure NFC is enabled and the phone is correctly positioned.
3. **Finalize Setup**
   - Press any button on the switch five times to confirm physical interaction.
   - Tap Done to proceed
4. **Confirm Setup**
   - The app prompts again for NFC scanning to confirm the setup.
   - Hold your phone close to the switch one more time.
   - Once confirmed, the switch is successfully commissioned into the Zone.

NFC Positioning: The NFC antenna location varies by phone model. Adjust the phone’s position if scanning doesn’t work immediately.

Switch Power: Kinetic switches generate power from the press itself - ensure firm button presses.

Confirmation: The final NFC scan ensures the switch is securely added to the network.

STEP 4:
ALLOCATE DEVICE TO ZONE

ADDING LEGACY DEVICES TO THE NETWORK

Legacy Devices are Zigbee 3.0 devices that can be seamlessly added to the lighting network using the app's discovery and swipe selection process.

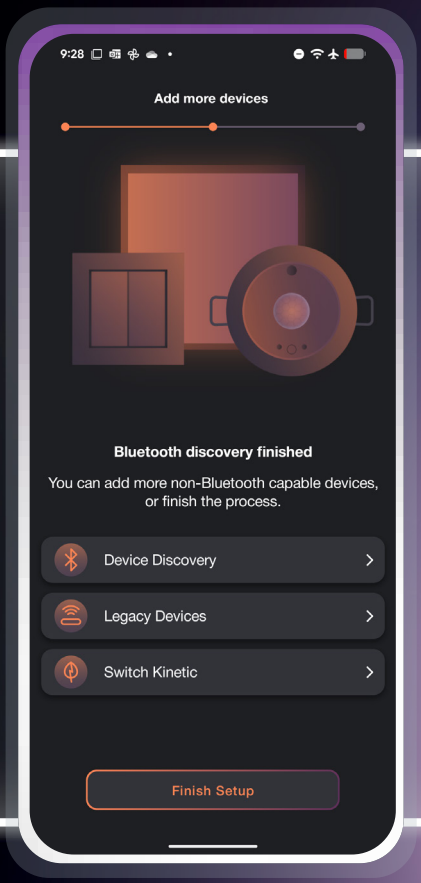
Interoperability depends on 3rd party Zigbee Standard implementation and shall be tested before installation.

STEP-BY-STEP INSTRUCTIONS:

1. **Start Discovery:**
   - Navigate to the "Add Devices screen".
   - Select Zigbee Devices from the available options (Device Discovery, Legacy Devices, Switch Kinetic).
   - The network will begin scanning for uncommissioned Zigbee 3.0 devices in the area.
2. **Discovery Duration:**
   - The scan runs for approximately 1 minute.
   - During this time, any nearby uncommissioned Zigbee 3.0 devices will attempt to join the network
3. **Device Review:**
   - Once the scan is complete, the app displays joined devices.
   - Each device appears as a card with relevant details
4. **Swipe to Decide:**
   - Swipe Up: Keep the device in the network.
   - Swipe Down: Remove the device from the network.

   (Devices swiped down will automatically perform a factory reset.)
5. **Finish Discovery**
   - Tap Finish discovery to complete the process and return to the main setup flow.

- ✓ Ensure Zigbee 3.0 devices are powered on and in pairing mode before starting discovery
- ✓ Keep devices within close range of the commissioning device for reliable detection.
- ✓ Use the swipe gestures carefully-swiping down will reset the device to factory settings.

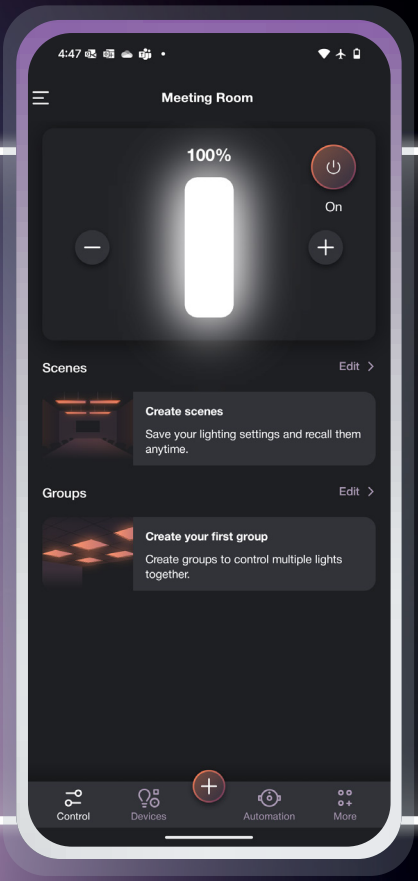


STEP 5:
DASHBOARD AND CONTROL SCREEN

The Dashboard is the central hub for managing the lighting behavior of your entire Zone. It provides quick access to essential controls and advanced configuration options.

THIS SCREEN ALLOWS USERS TO:

1. Switch the entire Zone ON or OFF
2. Dim all connected devices
3. Create and manage Scenes and Groups



BOTTOM NAVIGATION TABS:

1. **Control:** Manage lighting behavior and presets
2. **Devices:** View and manage all connected devices
3. **Automation:** Configure sensor-based automation
4. **More:** Manage rename the Zone and reset the Zone

SENSOR CONFIGURATION AFTER NETWORK CREATION

Once the lighting network has been established and devices are assigned to a Zone, users can configure sensor behavior to automate lighting based on occupancy and daylight conditions.

OCCUPANCY SETTINGS

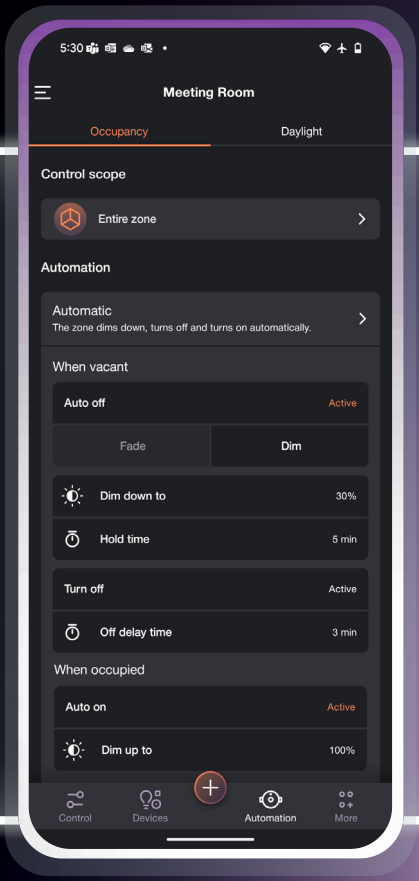
This screen allows users to define how the lighting system should respond to occupancy events within the Zone.

SCREEN OVERVIEW:

Zone Name: Displayed at the top (e.g., Meeting Room)
Control Scope: Indicates that settings apply to the Entire Zone / Groups
Tabs: – **Occupancy** (active)
– **Daylight** (for further configuration)

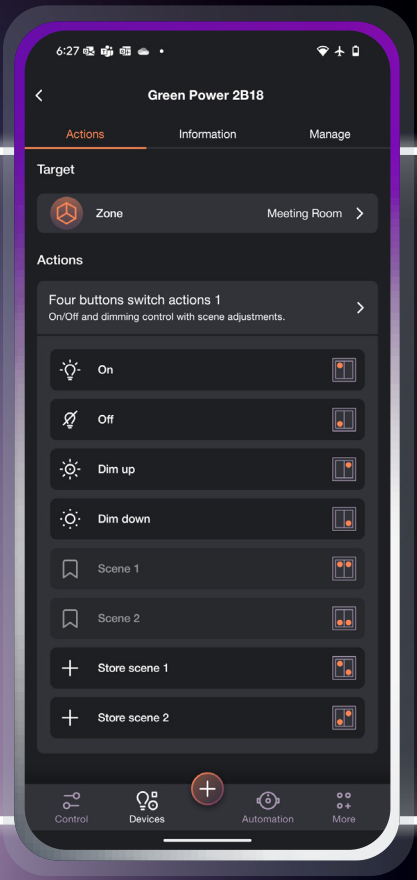
Automatic: The system dims, turns off/on lights automatically based on occupancy
When Vacant:
- Auto Off (Active):
  - Fade / Dim: Gradual dimming before turning off
  - Dim Down To: 30%
  - Hold Time: 5 minutes
  (time lights stay dimmed before turning off)
- Turn Off (Active):
  - Off Delay Time: 3 minutes
  (time after vacancy before lights turn off)

When Occupied: - Auto On (Active):
  - Dim Up To: 100% (lights return to full brightness when occupancy is detected)



MANUAL INPUT DEVICES
PLUG & PLAY SETTINGS FOR KINETIC SWITCH DIRECT

After the network is created and devices are assigned, manual input devices like the Kinetic Switch Direct can be configured to control the Zone.



DEVICE OVERVIEW

1. Device Name: Green Power 2B18
2. Location: Assigned to the Meeting Room
3. Target: Set to control the entire Zone

Tabs Available:

- Actions (active): Configure button behavior
- Information: View device details
- Manage: Adjust Grouping

FOUR BUTTONS SWITCH ACTIONS

Each of the four buttons on the kinetic switch can be assigned specific actions.
Available options include:

- **On:** Turns the lights on
- **Off:** Turns the lights off
- **Dim Up:** Increases brightness
- **Dim Down:** Decreases brightness
- **Scene 1 / Scene 2:** Recalls predefined lighting scenes.
- **Store Scene 1 / Store Scene 2:** Saves the current lighting state to a scene.

Several predefined layouts can be used or create your own Switch Configuration with manually assigning each button certain actions!

DAYLIGHT HARVESTING CONFIGURATION

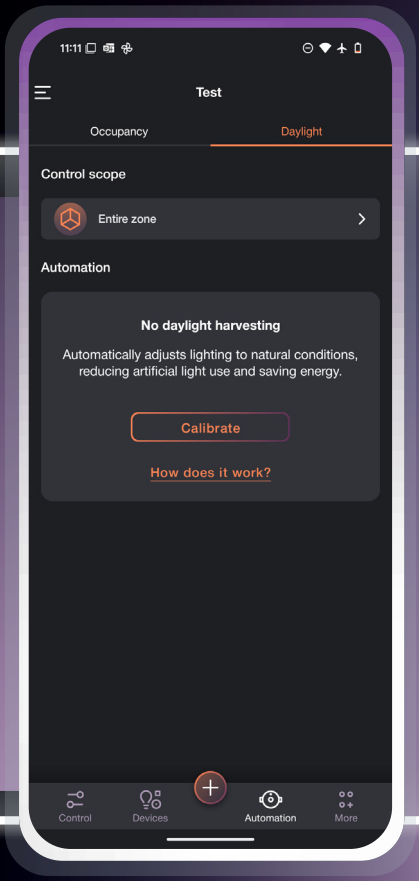
Daylight harvesting is a feature that automatically adjusts artificial lighting based on the amount of natural light available, helping to reduce energy consumption and maintain optimal lighting conditions.

To begin configuring daylight harvesting:

1. Navigate to the Automation tab using the bottom navigation bar.
2. Select the Daylight tab at the top of the screen.
3. Control Scope: Set to Entire Zone/Group

Buttons:

- ‘Calibrate’: Starts the configuration process
- ‘How does it work?’: Provides educational information about the feature



Tips Before Starting Calibration

To ensure accurate and effective daylight harvesting setup, consider the following:

1. Make sure to darken the room with closing blinds if possible.
2. Adjust brightness levels based on user comfort and energy-saving goals
3. Exclude sensors from regulation if they are not accurately placed over reflective surfaces. This can be done during the calibration process
4. Set minimum and maximum brightness levels:
   - For example, a 10% minimum brightness ensures lights never dim below 10%, even if daylight would allow further reduction
5. Use the brightness factor to fine-tune the desired lux level on the desk:
   - Increasing the factor (more lux - brighter lighting)
   - Decreasing the factor (less lux - dimmer lighting)

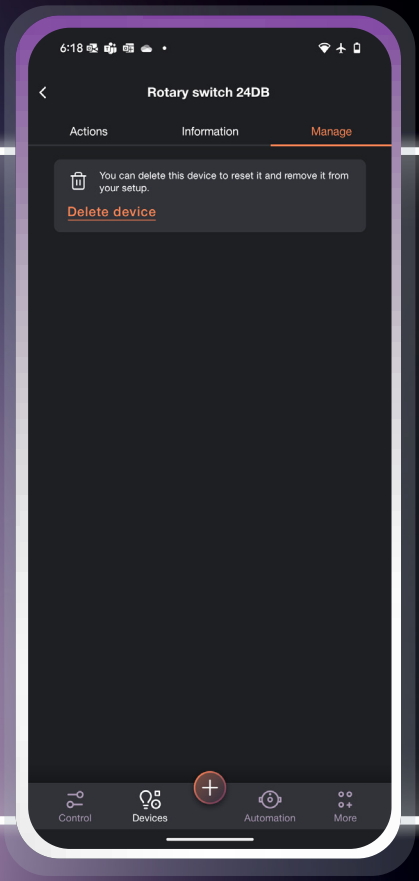
RESETTING DEVICES

This chapter explains how to reset individual devices, which may be necessary during troubleshooting, reconfiguration, or handover to a new user.

RESETTING INDIVIDUAL DEVICES

You can reset a single device to factory settings if:

1. It is malfunctioning
2. Needs to be removed from the current Zone
3. Will be reassigned to a different Zone



STEPS

1. Navigate to the **‘Devices tab’**.
2. Select the device you want to reset.
3. Tap **‘Manage’**.
4. Choose **‘Reset to Factory Defaults’**.
5. Confirm the action.

! Resetting a device will remove it from the current Zone and erase all custom settings.

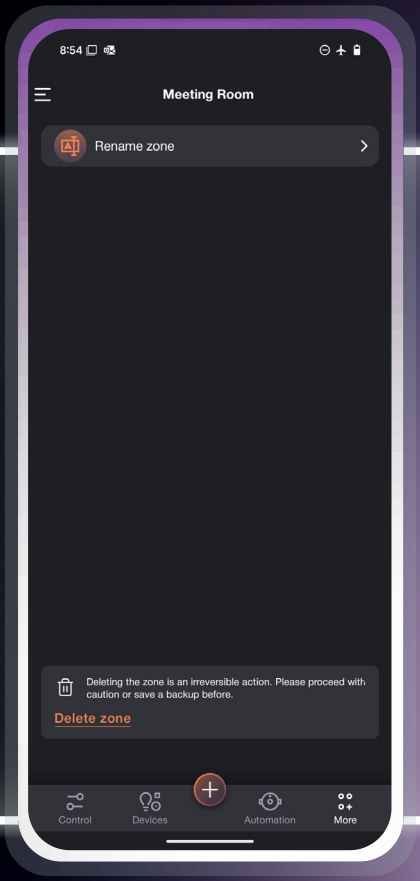
RESETTING THE ENTIRE ZONE / NETWORK

RESETTING THE ENTIRE ZONE / NETWORK

Use this option when:

1. You want to start fresh new configuration
2. The Zone is being decommissioned
3. All devices need to be re-paired

This chapter explains how to perform a full network reset, which may be necessary during troubleshooting, reconfiguration, or handover to a controller based network e.g. VIVARES ZIGBEE.



STEPS

1. Navigate to the **‘More tab’**.
2. Tap **‘Delete Zone’**.
3. Confirm the action.

! This action will remove all devices, scenes, groups, and automation settings from the Zone.

IF SOMETHING DOESN'T WORK

COMMON ISSUES & FIXES:

— **NO DEVICES FOUND?**

- ✓ Check that lights are powered on.
- ✓ Enable Bluetooth on your phone.
- ✓ Move closer (within 10m).

— **DEVICE WON'T ADD?**

- ✓ Reset a specific device via 10 sec. button press, or
- ✓ Reset all devices connected to a circuit breaker via Power Cycle: Off – 5sec. – On – 5 sec. (repeat 5 times).
- ✓ Restart the app and try again.

— **APP CAN'T CONTROL LIGHTS?**

- ✓ Make sure you're connected to the same Zone.
- ✓ Check if devices are still powered.
- ✓ Check if you are in Bluetooth range to the Zone.

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GLOSSARY
KNOW THE TERMS

TERM	WHAT IT MEANS
Zone	A group of lights in one room or area – often also referred to as “network”.
Commissioning	Setup process for your lighting system
Scene	A saved lighting mood with different brightness/color temperature/color (e.g., “Meeting” or “Relax”).
Daylight Harvesting	Lights adjust automatically based on natural light.
Switch Kinetic	A wireless wall switch – no batteries needed & using Green Power Technology.
Zigbee 3.0	A wireless communication standard for smart devices.
Zigbee Direct	Your phone connects to the lights using Bluetooth first, then adds them to the Zigbee 3.0 network - no extra gateway needed.
Hold Time	How long lights stay on after no movement is detected.
Off Delay	How long before lights turn off completely.
Brightness Factor	How bright you want the room to feel.
Factory Defaults	Original settings when the device was new – device is in a discoverable state for commissioning.

Notes

LEDVANCE

ABOUT LEDVANCE

With subsidiaries in more than 50 countries and business activities in over 140 countries, LEDVANCE is one of the world‘s leading companies in the field of general lighting for professional customers and end users. Emerging from OSRAM‘s general lighting division, LEDVANCE's portfolio includes a wide range of LED luminaires for a variety of applications, intelligent lighting products for smart homes and smart buildings, one of the most comprehensive offerings of advanced LED lamps in the lighting industry, and traditional lamps. Beyond lighting, LEDVANCE offers vertically integrated, renewable energy solutions for the building sector.

Together, the lighting division and the renewable energy division form a comprehensive ecosystem for residential, commercial, and industrial buildings.

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