

Iconic Connected Dimmer ZB

Device user guide

Information about features and functionality of the device.
06/2024



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Safety Information

Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of either symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that accompany this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

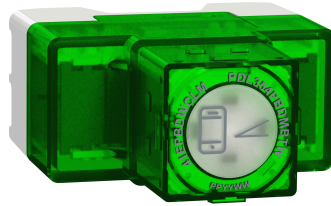
CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Iconic Connected Dimmer



41EPBDWCLMZ-VW

For your safety

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
- To comply with all safety standards, the device must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- Lock out and tag the input circuit before accessing the wiring connections.
- The Locking Bar on the grids must be set to the Closed position to ensure that the device cannot be removed during normal operation.
- There are no user serviceable parts inside the device.

Failure to follow these instructions will result in death or serious injury.

NOTICE

EQUIPMENT DAMAGE HAZARD (LOAD AND OPERATION)

- Operation of the device at elevated temperatures or voltages outside of specification (240 V A.C. and 25 °C) may cause the over-temperature protection circuitry to operate.
- Reduce the size of the connected load or use a different brand of fan to prevent recurrence.
- Do not operate the product for prolonged periods in extreme conditions.

Failure to follow these instructions can result in equipment damage.

About the device

The Iconic Connected Dimmer (hereinafter referred to as Dimmer) is a push-button device that can be used to switch and dim LED, ohmic, inductive or capacitive loads manually or remotely. It can detect the load automatically and provides thermal protection, overload-resistance and short-circuit protection.

Installing the device

Refer to the installation instruction supplied with this product.


See Iconic Connected Dimmer, Zigbee.

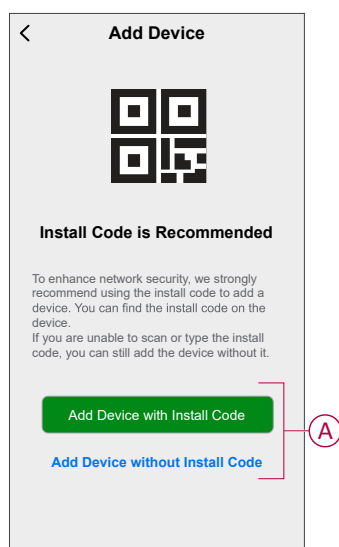
Pairing the device

Using the Wiser app, pair your device with the **Wiser Hub** to access and control the device. You can either add the device manually or do an auto-scan to pair it.

Pairing the device manually

You can pair the device to Wiser system manually with or without installed code.

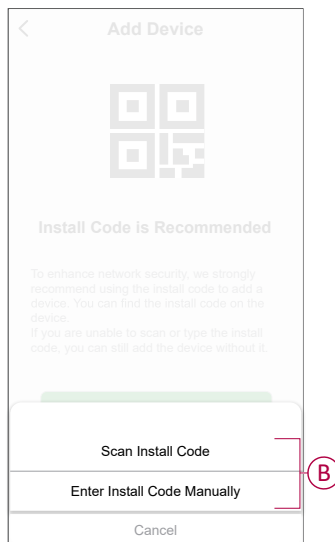
1. On **Home** page, tap **+**.
2. Tap  and select the required **Wiser Hub** on the slide-up menu.
3. Select an option to add the device (A):
 - **Add Device with Install Code**
 - **Add Device without Install Code**



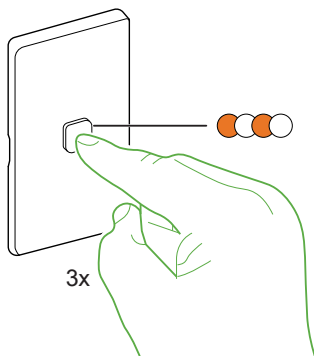
TIP: It is recommended to add the device with install code.

4. To pair the device with install code, tap **Add Device with Install Code** to display the slide-up menu. Select any one of the options (B):
 - **Scan Install Code:** you can scan the device for the install code.
TIP: You can find the QR code on the top of the device.
 - **Enter Install Code Manually:** you can manually enter the install code from the device.
TIP: You can find the install code on the bottom of the device.

After scanning or entering the install code, proceed to **Step 6**.

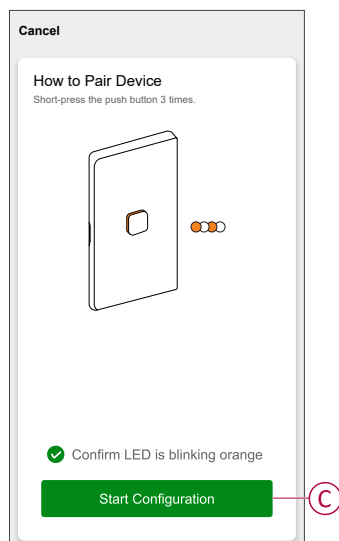


5. To pair the device without install code, tap **Add Device without Install Code**.
6. Short press the push-button 3 times.

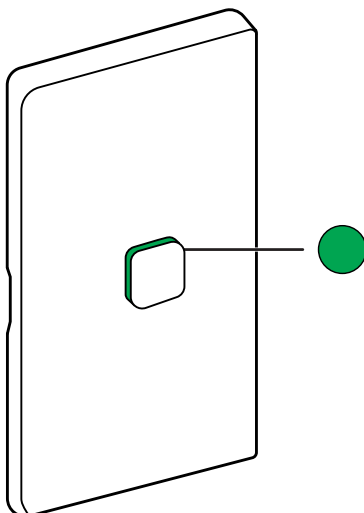


The LED blinks orange.

7. In the app, select **Confirm LED is blinking orange** and tap **Start Configuration (C)**.



After a few seconds, a solid green LED indicates that the device has been successfully paired to the Hub.



8. Once the device is added in the app, tap **Done**.

Pairing the device with auto scan

Pairing the device with auto scan automatically discovers the device when the corresponding device is powered on.

To pair the device with auto scan:

1. On the **Home** page, tap **+**.
2. Tap **Auto scan > Confirm**.
3. Enable permissions to **Access location** and **Wi-Fi** for scanning device and tap **Start scanning**.

NOTE: If you have multiple hubs, do Step 4 or proceed to Step 5.

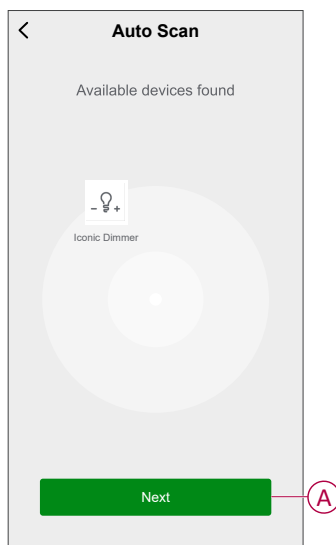
4. Tap **Select hub** and select the Wiser hub from the slide-up menu.

5. Short-press the push button three times.

NOTE: Wait for a few seconds until the device search is complete.

TIP: If you want to pair multiple devices at once, perform step 5 on each device and wait for a few seconds for them to be detected.

6. Tap **Next** (A), select **Iconic Dimmer**.

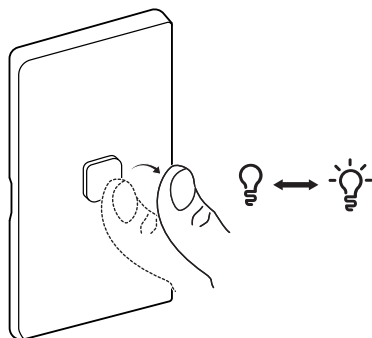


7. Once the device is added successfully, tap **Done**.

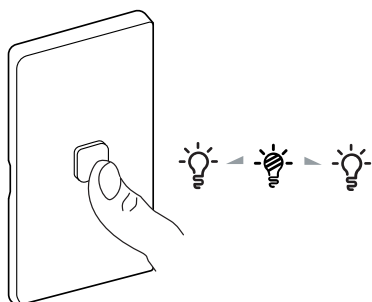
Switching/Dimming the device manually

You can turn on/off and increase/decrease the brightness of the dimmer manually. The dimmer will provide power to the load connected to it.

Short press the push-button once to switch on/off the dimmer.





Long press the push-button to increase/decrease the brightness of the dimmer.

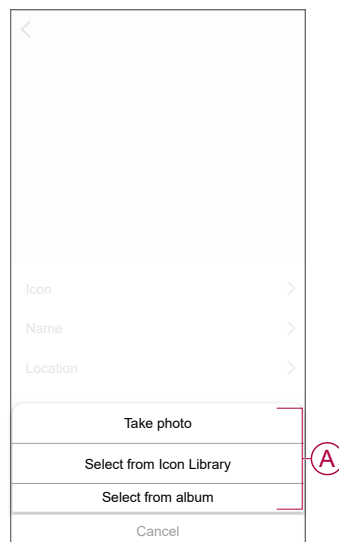


Configuring the device

Changing the device icon



You can change the device icon using the Wiser app.

1. On the **Home** page, select the device for which you wish to change the icon.
2. At the top-right corner of the screen, tap .
3. Tap edit  next to the device name.
4. Tap **Icon** to view the menu.
5. In the slide-up menu, select any one of the following (A) to change the device icon:
 - **Take photo** - allows you to take a photo with your device camera.
 - **Select from Icon Library** - allows you to select an icon from the app library.
 - **Select from Album** - allows you to select a photo from the mobile gallery.

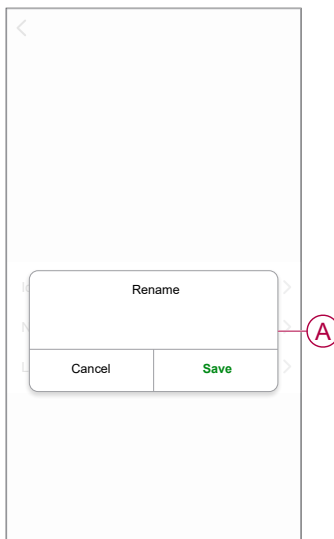


Renaming the device

You can rename the device using the Wiser app.



1. On the **Home** page, select the device for which you wish to rename.
2. At the top-right corner of the screen, tap .
3. Tap edit  next to the device name.

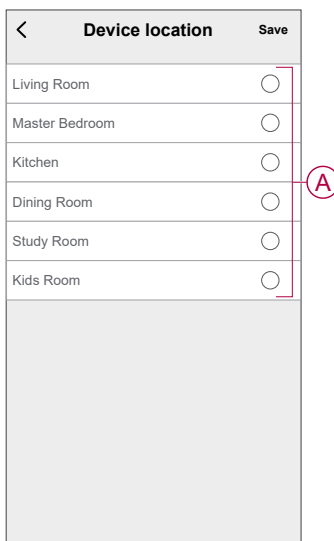
4. Tap **Name**, enter the new name (A) and then tap **Save**.



Changing the device location

You can change the device location using the Wiser app.

1. On the **Home** page, select the device for which you wish to change the location.
2. At the top-right corner of the screen, tap .
3. Tap edit  next to the device name.
4. Tap **Location**.
5. Select the desired location from the list (A) and then tap **Save**.



Dimmer settings

Using The Wiser app, you can manage the Dimmer modes and settings.

To access the dimmer settings:

1. On the **Home** page, tap **All devices** > **Iconic Dimmer**.

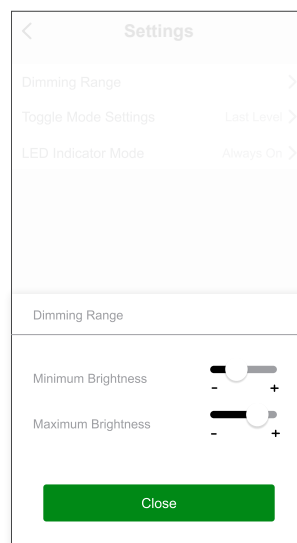
2. On the device control panel page, tap **Settings**.

Dimming Range

You can restrict the minimum and maximum brightness of the load connected to the device. This is done to avoid flickering and switching off the LED.

Tap **Dimming Range** and do either or both of the following:

- **Minimum Brightness:** drag the sliding bar to restrict the minimum brightness.
TIP: If you set the minimum brightness to the right most position on this sliding bar, then the load glows at the minimum brightness even if you drag the sliding bar to the lowest value in the control panel.
- **Maximum Brightness:** drag the sliding bar to restrict the maximum brightness.
TIP: If you set the maximum brightness to the left most position on this sliding bar, then the load glows at the maximum brightness even if you drag the sliding bar to the highest value in the control panel.

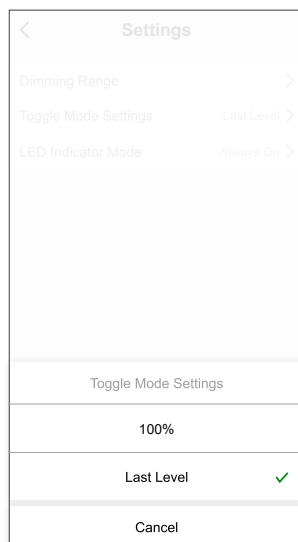


Toggle mode setting

Using this setting, the device will remember the last state of the device.

Tap **Toggle Mode Setting** and select any one of the following:

- **100%:** the LED glows at maximum brightness every time it is turned on.
- **Last Level (Memory Function):** the LED glows at the previously set brightness level every time it is turned on.

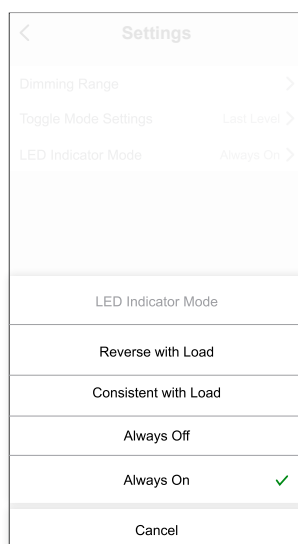


LED Indicator Mode

You can select the LED indicator mode for easy identification of the device status.

Tap **LED Indicator Mode** and select any one of the following:

- **Reverse With Load:** the LED on the Dimmer is on when the device is off.
- **Consistent With Load:** the LED on the Dimmer is on when the device is on.
- **Always Off:** the LED on the Dimmer is always off.
- **Always On:** the LED on the Dimmer is always on.



For information on LED color during each modes, refer to LED indication, page 25.

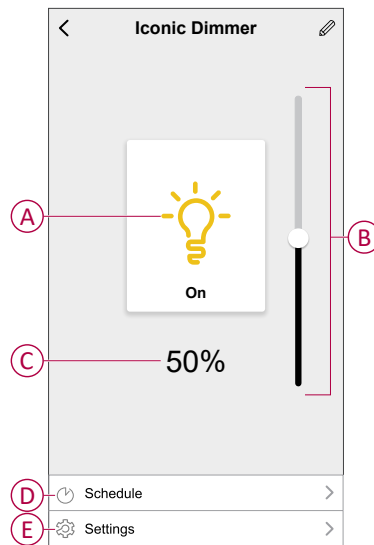
Using the device

The Control Panel allows you to switch the Dimmer on/off, increase/decrease the brightness and control various settings.

On the **Home** page, tap **All devices > Iconic Dimmer** to access the control panel.

On the control panel page, you can see the following:

- The current state of the Dimmer (A)
- Sliding bar to adjust the brightness (B)
- The current brightness percentage (C)
- Schedule, page 15 (D)
- Settings, page 11 (E)

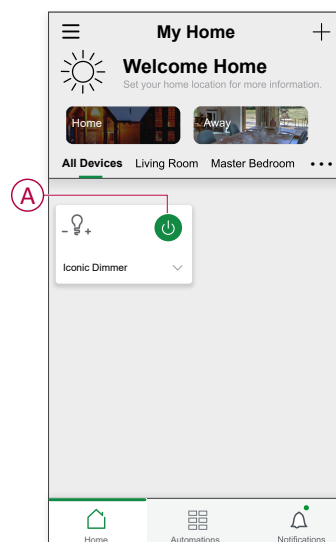



Switching/Dimming the device using app

Using the Wiser app, you can switch on/off and increase/decrease the brightness of the device.

Switching on/off the device

On the **Home** page, tap the power button (A) to switch on/off the Dimmer.

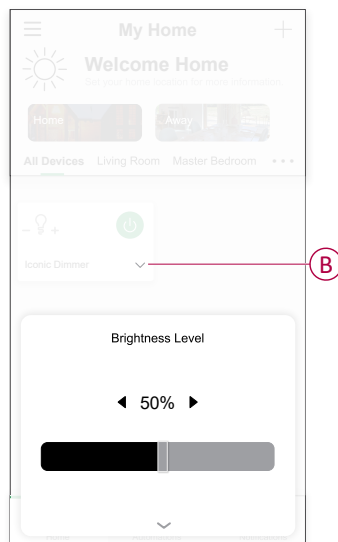


NOTE: You can also navigate to the control panel, page 13 of the device and tap  to switch on/off the Dimmer. The control panel shows the current state of the Dimmer.

Adjusting the brightness of the device

To increase/decrease the brightness of the device:

On the **Home** page, tap **v** (B) and drag the slider to adjust the brightness of the Dimmer.



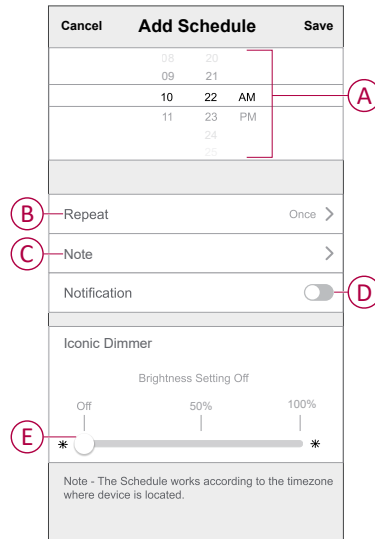
NOTE: You can also navigate to the control panel, page 13 of the device and drag the sliding bar up/down to increase/decrease the brightness. The control panel shows the current brightness percentage of the Dimmer.

Creating a schedule

Using a schedule, you can control and trigger the dimmer. The system will follow the active schedule once it has been set. You can create or modify schedules at any time.

1. On the **Home** page, tap **All devices** > **Iconic Dimmer**.
2. Tap **Schedule** > **Add schedule** to add a schedule.
3. Set the time (A).
4. Tap **Repeat** (B) to select the days you want to set the schedule.
5. Tap **Note** (C), enter the note and tap **Confirm**.
6. Tap the toggle switch (D) to turn on the **Notification** for the schedule. The app will send a notification when the task is executed at the time of schedule.




7. In the Iconic Dimmer section, drag the **sliding bar (E)** to do one of the following:
- **100%:** turns on the dimmer with maximum brightness on the scheduled time.
 - **Off:** turns off the dimmer on the scheduled time.
 - Drag the sliding bar anywhere in between to turn on the dimmer with a set brightness level on the scheduled time

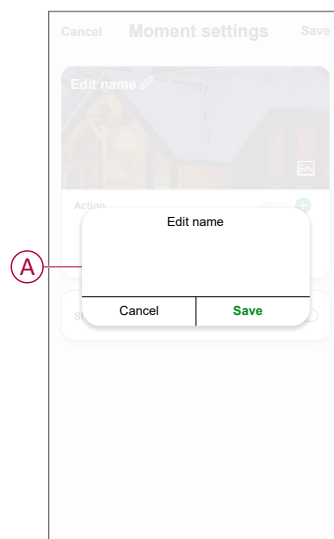


8. Tap **Save**.


Creating a moment

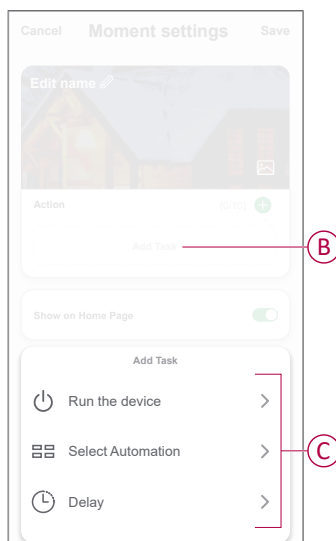
A Moment allows you to group multiple actions that are usually done together. Using the Wiser app, you can create moments based on your needs (such as movie night).

1. On the **Home** page, tap .
 2. Go to **Moment > +** to create a moment.
 3. Tap **Edit name** , enter the name of the moment (A) and tap **Save**.
- TIP:** You can choose the cover image that represents your moment by tapping .

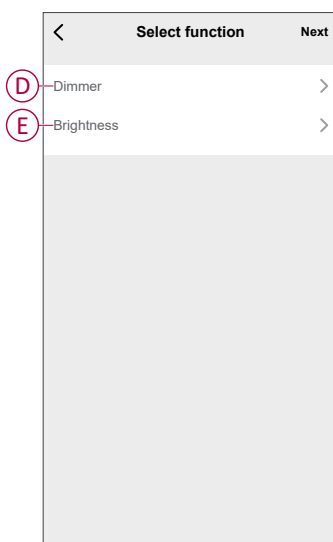


4. In the **Action** section, tap **Add task** (B) to display the slide-up menu.
5. In the **Add task** menu, you can do either or all of the following actions (C):
 - **Run the device**: select the devices that you want in a moment.
 - **Select Automation**: select the automation that you want to enable or disable. For more info refer to [Automation](#), page 18.
 - **Delay**: set the delay time.

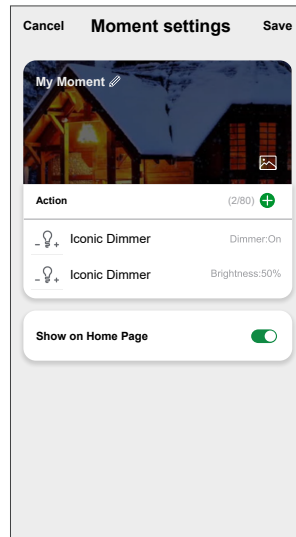
NOTE: You can add one or more actions using .



6. Tap **Run the device** > **Iconic Dimmer** and select either or both the functions to add in the moment:
 - **Dimmer**: turn the Dimmer on/off (D).
 - **Brightness**: adjust the brightness level (E).




7. Set all actions and tap **Save**.



Editing a moment

1. On the **Moment** tab, locate the moment you want to edit and tap ●●●.
2. On the **Edit** page, you can tap each item (such as dimmer, shutter, delay, temperature, etc.) to change the settings.

TIP:

- You can add one or more actions using .
- To delete an existing action, slide each item towards left and tap **Delete**.

Deleting a moment


To delete a moment:



1. On the **Moment** tab, locate the moment that you want to delete and then tap ●●●.
2. Tap **Delete** and then tap **Ok**.

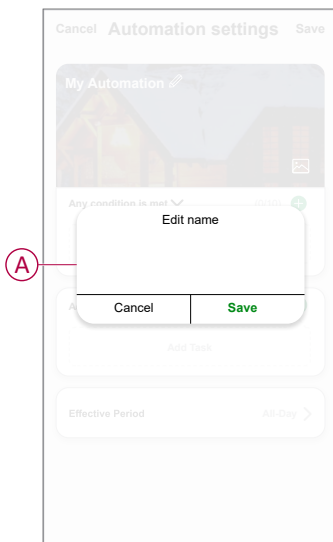
NOTE: After deleting a moment, the device action can no longer be triggered.

Creating an automation

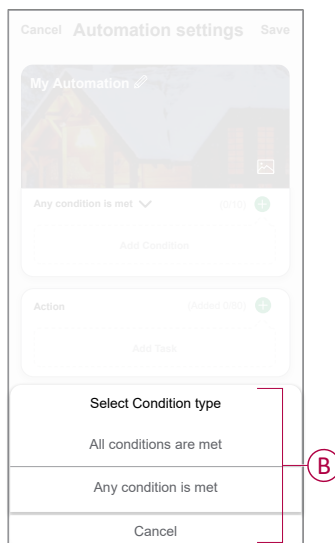
An automation allows you to group multiple actions that are usually done together, triggered automatically or at scheduled times. By using the Wiser app, you can create automations based on your needs.

1. On the **Home** page, tap .
2. Go to **Automation** > **+** to create an automation.

3. Tap **Edit name** , enter the name of the automation (A) and tap **Save**.
TIP: You can choose the cover image that represents your automation by tapping .




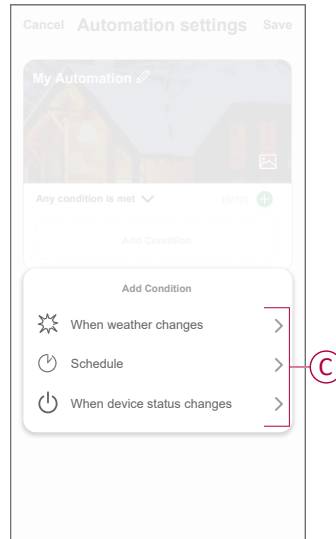
4. Tap **Any condition is met** to select any one of the condition type (B):
- **All conditions are met:** the automation is triggered when all the conditions are met.
 - **Any condition is met:** the automation is triggered when at least one condition is met.



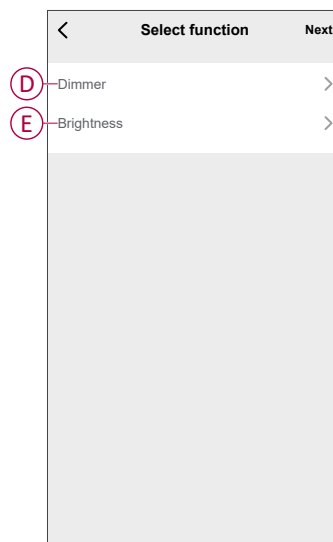
5. Tap **Add Condition** to display the slide-up menu.

6. In the **Add Condition** menu, you can do either or all of the following options (C):
- **When weather changes:** select the various weather settings.
 - **Schedule:** set the time and day.
 - **When device status changes:** select the device and it's function.

Note: You can add one or more conditions using .




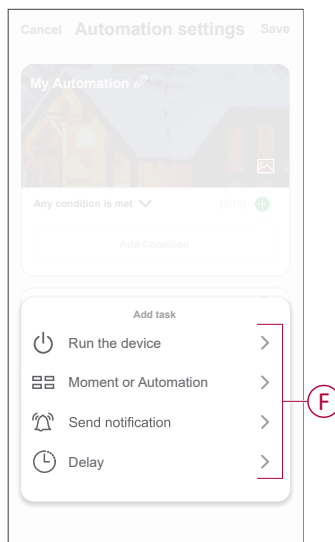
7. Tap **When device status changes** > **Iconic Dimmer** and select either or both the functions:
- **Dimmer:** turn the Dimmer On/Off (D)
 - **Brightness:** adjust the brightness level (E)



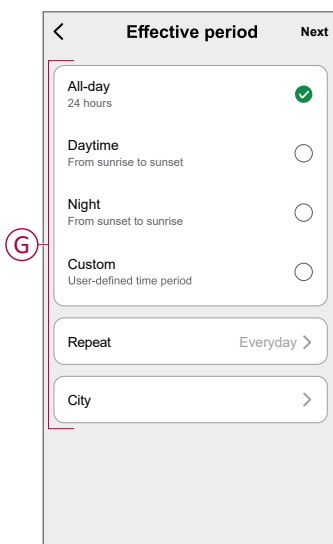
8. Tap **Add task** to open the slide-up menu.

9. In the **Add task** menu, you can do either or all of the following options (F):
- **Run the device:** select the devices that you want to trigger.
 - **Moment or Automation:** select the moment which you want to trigger or select the automation that you want to enable or disable.
 - **Send notification:** turn on notification for the automation.
 - **Delay:** set the delay time.

NOTE: You can add one or more actions using .



10. Tap on **Effective period** to set the time range for the automation. You can select any one of the following (G):
- **All-day:** 24 hours
 - **Daytime:** From sunrise to sunset
 - **Night:** From sunset to sunrise
 - **Custom:** User defined time period





11. Set all the actions and conditions and tap **Save**.

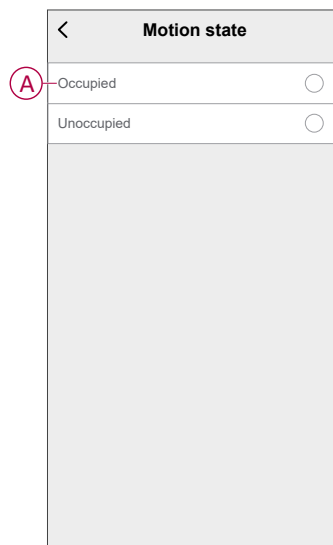
Automation is now available under **Automation** tab. Use toggle switch to enable/disable automation.

Example of an automation

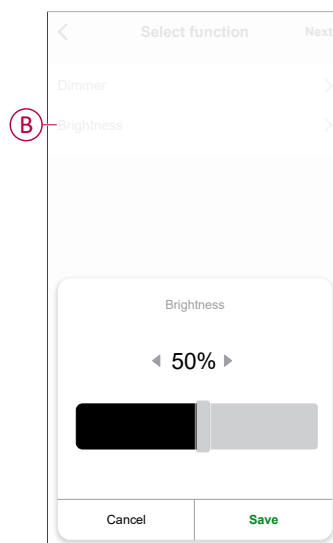
This demonstration shows you how to create an automation to switch on the light with 50% brightness level when a motion is detected.

NOTE: The Dimmer will not be switched off automatically when the Sensor sends the "Unoccupied" message. To switch off the dimmer when there is no more motion, you must create a new automation.

1. Go to **Automation** > **+** to create an automation.
2. Tap **Edit name** , enter the name of the automation and tap **Save**.
TIP: You can choose the cover image that represents your automation by tapping .
3. Tap **Add Condition** > **When device status changes** > **Motion Sensor**.
4. Tap **Motion State** > **Occupied (A)**.

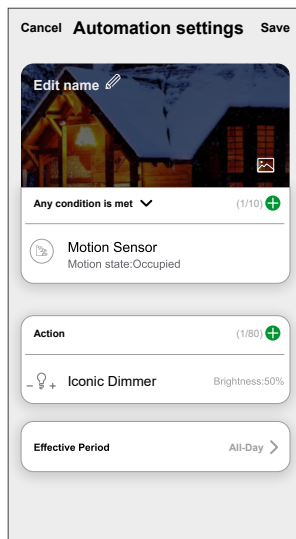


5. Tap **Add task** > **Run the device** > **Iconic Dimmer**.
6. Tap **Brightness (B)**, adjust the brightness to 50% and tap **Save**.
TIP: Setting the brightness level turns on the light the light when the automation is triggered. You need not add a task to turn on the Dimmer separately.



7. Tap **Next**.

8. In the **Automation Settings** page, tap **Save**.




Automation is now available under **Automation** tab. Use toggle switch to enable/disable automation.

Editing an automation

1. On the **Automation** tab, locate the automation you want to edit and tap ●●●.
2. On the **Edit** page, you can tap each item (such as dimmer, shutter, delay, temperature, etc.) to change the settings.

TIP:

- You can add one or more condition or actions using .
- To delete an existing condition or action, slide each item towards left and tap **Delete**.


Deleting an automation

1. On the **Automation** tab, locate the automation that you want to delete and then tap ●●●.
2. Tap **Delete** and then tap **Ok**.

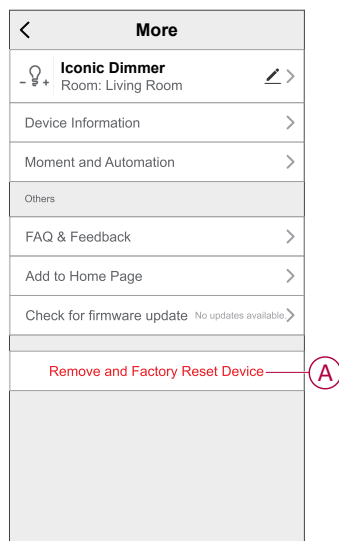
NOTE: After deleting an automation, the device action can no longer be triggered.

Removing the device

Using the Wiser app, you can remove a device from the device list.

1. On the **Home** page, tap **All devices** > **Iconic Dimmer**.
2. Tap  to display more details.

3. Tap Remove and Factory Reset Device (A).



TIP: On the **Home** page, tap and hold the **Iconic Dimmer** to remove the device.

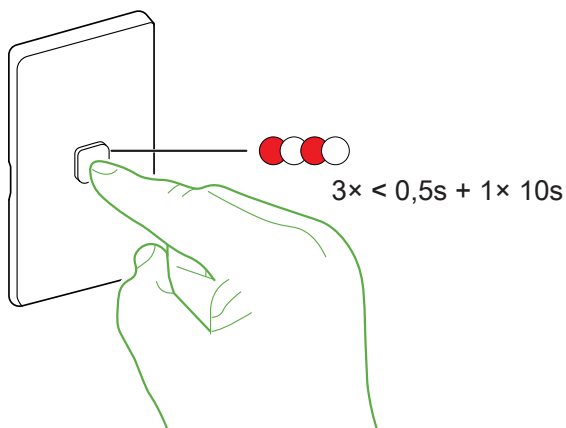
NOTE: By removing the device, you will reset the device. If you still have a problem with the reset, then refer to [resetting the device](#), page 24.

Resetting the device manually

You can reset the device to factory default manually.

Short press the push button three times ($<0,5$ s) and then long press the push button once (>10 s).



After 10 s, release the push button when the LED starts blinking red.





NOTE: After reset, the LED turns amber/orange indicating that device is ready for pairing.

LED Indication

Pairing

User Action	LED Indication	Status
Press the push-button 3 times	LED blinks amber/orange 	Pairing mode is active for 30 seconds. When pairing is completed, LED glows green for some time before turning off. 

Resetting

User Action	LED Indication	Status
Press the push-button 3 times and long press once for > 10 s.	After 10 s, the LED blinks red. 	The device is reset to the factory settings after 10 seconds. The device then restarts and the LED blinks orange indicating that it is ready for pairing. 




LED Indicator Mode

Load Status	ON	OFF
Reverse with load	No LED	White LED is on
Consistent with load	White LED is on	No LED
Always Off	No LED	No LED
Always On	White LED is on	White LED is on

Troubleshooting

Symptom	Solution
Dimming up not possible.	<ul style="list-style-type: none"> Reduce/increase load. Allow the Dimmer to cool in case of overheating. Change the load (if the load is incompatible with the Dimmer).
Switching On not possible.	<ul style="list-style-type: none"> Allow the Dimmer to cool in case of overheating. Reduce load. Change load. Check wiring between the push button and the Dimmer.
Flickering at minimum brightness.	<ul style="list-style-type: none"> Increase minimum brightness (if flickering still persists, install a 31LCDA load correction device). Change the load (if the minimum brightness is insufficient). Set to RL LED mode.
Flickering	<ul style="list-style-type: none"> Change load. Set to RL LED mode.
Only slight dimming capability	<ul style="list-style-type: none"> Change dimming range. Set to RL LED mode. Change the load (if the load is incompatible with the Dimmer).
The device is not ready to pair after the device is removed from the app.	Reset to factory default settings, refer to reset the device , page 24.

Technical Data

Nominal voltage	AC 220 V - 240 V, 50 Hz		
Nominal power	Load type	Load name	Load value
	 LED	LED	150 W
		Incandescent lamp	300 W
		Halogen lamp	300 W
Load rating	Max 300 W		
Load connection	LED indicator flashes in the event of load disconnection or failure.		
Dimming range	Min 0%, Max 100%		
Protection	Over temperature: Yes Short circuit: Yes Overcurrent/thermal fuse: Yes		
LED indicator	Yes		
Multiway control	Yes, via ControlLink		
Multiway limits	Max 5 - way dimming (Max 3 Iconic Dimmers remainder Control Link Modules.)		
Control Link/Active cable limit	Total length of CTL and Active loop: max. 50 m		
Supported protocols	Zigbee		
Compatible plate ranges	Iconic, Iconic Styl, Iconic Essence, Pro Series		
Mounting centres	84 mm pattern plate		
Power failure data retention	Internal date/time retained for at least 6 hrs. Settings preserved indefinitely.		
Environmental rating	IP20		
Operating humidity	5%–90% RH, non-condensing		
Specifications typical at 25 °C			

Compliance

Safety	AS/NZS 60669.2.1
EMC	AS/NZS 60669.2.1
RF	AS/NZS 4268

Compliance

Compliance information for Green Premium products

Find and download comprehensive information about Green Premium products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP) and End-of-Life instructions (EOL).

<https://checkaproduct.se.com/>



General information about Green Premium products

Click the link below to read about Schneider Electric's Green Premium product strategy.

<https://www.schneider-electric.com/en/work/support/green-premium/>



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