Iconic Connected Dimmer BLE

Device user guide

Information about features and functionality of the device.
04/2025

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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

41EPBDWCLM-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.

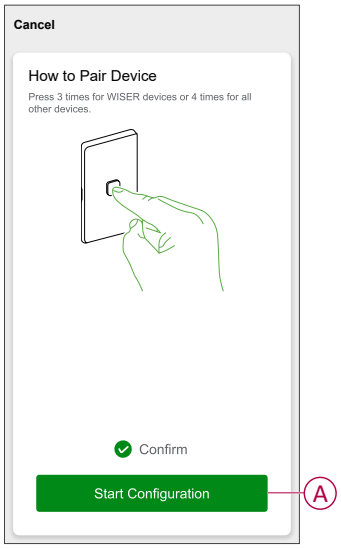
See Iconic Connected Dimmer.

Pairing the device manually

Using the Wiser app, you can pair the device with smartphone to access and control the device.

NOTE: When pairing the Bluetooth device with the Wiser app, be within a range of 8 to 10 m of the module. Range can be affected by wall thickness and construction materials.

1. On **Home** page, tap **+** then tap .
2. Short press the push-button 3 times (< 0,5 s). In the app, select **Confirm** and tap **Start Configuration** (A).



NOTE: Enable permissions to nearby devices and Bluetooth for scanning the device.

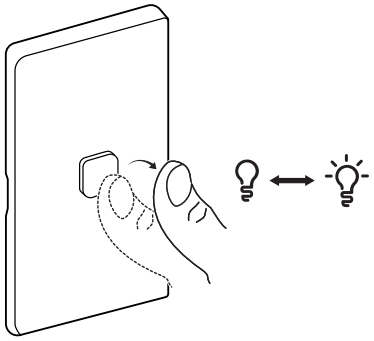
3. Tap ⊕ to select and add the device from the list and then tap **Next** > **Done**.

NOTE: The device can be paired with max. 8 smartphones. To pair an additional phone, you must unpair one of the existing phones. Refer managed paired phones, page 11.

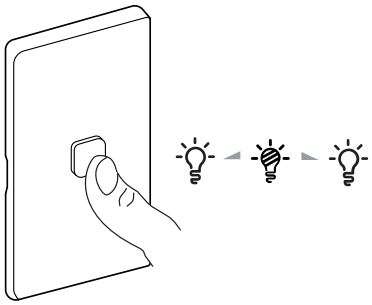
Switching/Dimming the device manually

You can turn on/off and increase/decrease the brightness of the dimmer manually.

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.

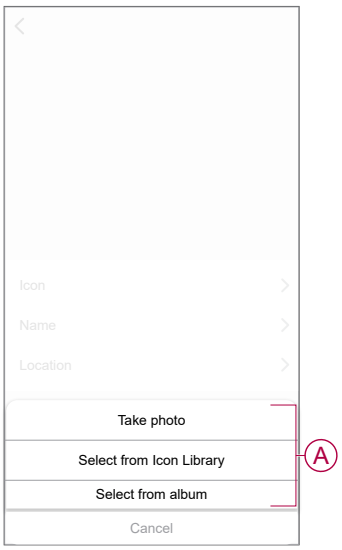


Configuring the device

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 mobile 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.

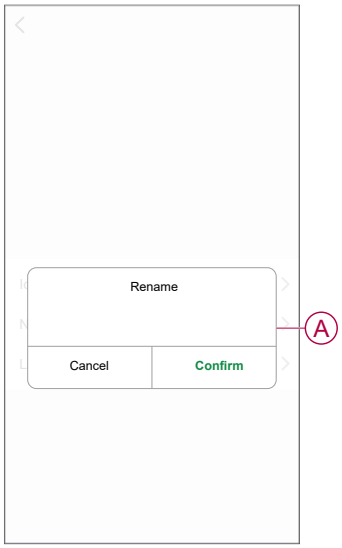


Renaming the device

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 .

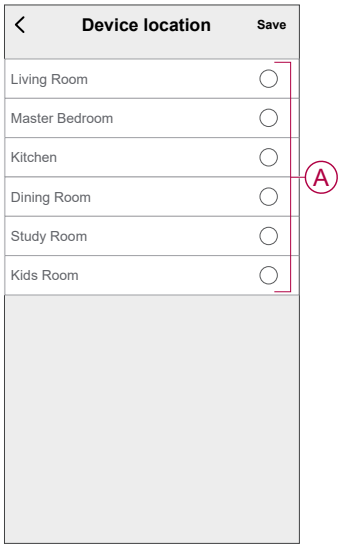
3. Tap edit next to the device name.
4. Tap **Name**, enter the new name (A) and then tap **Confirm**.



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**.

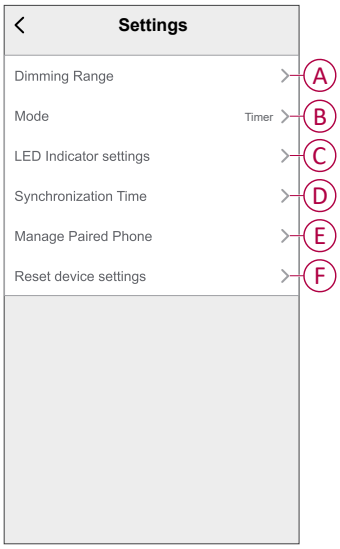


Dimmer settings

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

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

2. Tap **Settings** and select any of the following:
   - Dimming Range, page 9 (A)
   - Mode, page 10 (B)
   - LED Indicator Settings, page 10 (C)
   - Synchronization Time, page 11 (D)
   - Manage Paired Phone, page 11 (E)
   - Reset Device Settings, page 12 (F)



Dimming Range

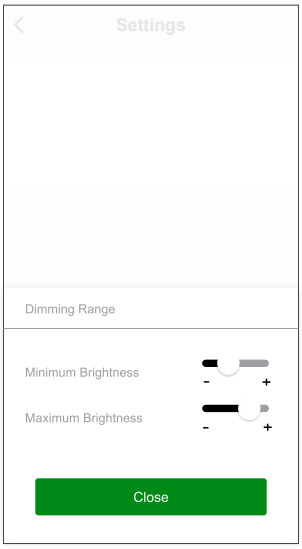
You can restrict the minimum and maximum brightness of the load connected to the device. This is done to avoid flickering and switching off the LED.
On the **Setting** page, tap **Dimming Range** and do either or both of the following:

– **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.



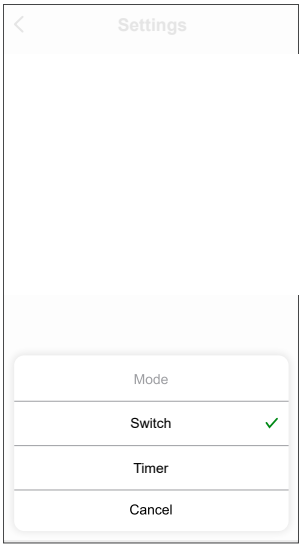
Changing the Mode

Using mode setting, timer can be set to turn off the device after a set period of time or you can set it as a switch to turn on/off manually.

On the **Settings** page, tap **Mode** and select any of the following:

– **Switch**: control the speed and turn on/off of the fan.

– **Timer**: when fan is running, set the timer to turn off. Refer using mode timer, page 14.



LED Indicator Settings

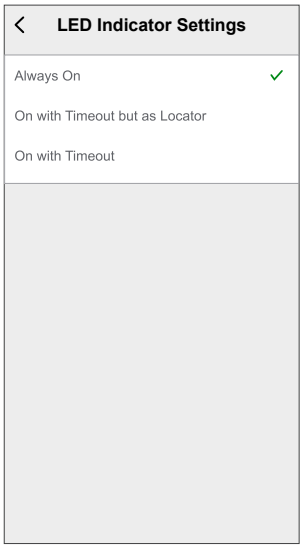
You can select the LED indicator mode for easy identification of the device status.

On the **Settings** page, tap **LED Indicator Settings** and select any of the following:

- **Always On**: LED on the device is always turned on.

- **On with Timeout but as Locator**: LED glow in lesser brightness after the time out.

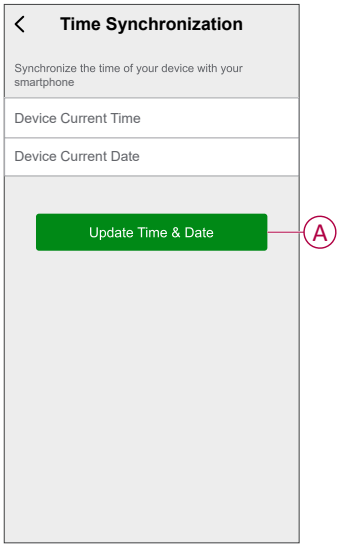
- **On with Timeout**: After inactive period LED turns off.



Synchronization Time

Using Wiser app, you can synchronize the time of the device with your smartphone.

On the **Settings** page, tap **Synchronization Time** > **Update Time & Date** (A). This allows the device time to sync with smartphones in real-time.



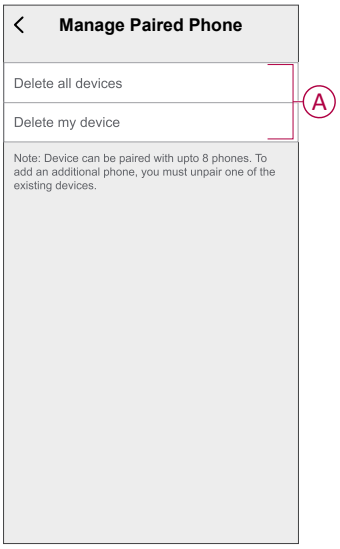
Manage Paired Phone

Using Wiser app, you can view or delete paired phones.

On **Settings** page, tap **Manage Paired Phone** and select any of the following (A):

- **Delete all Devices**: the device is removed from all paired phones.

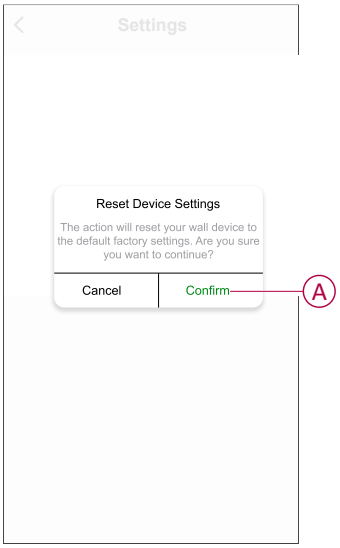
- **Delete my Device**: the device is removed from current phone.



Reset device settings

Using Wiser app, you can reset the device settings to default.

On **Settings** page, tap **Reset device settings**.
Read the information and tap **Confirm** (A).



NOTE: This action will reset the device to default factory settings.

Using the device

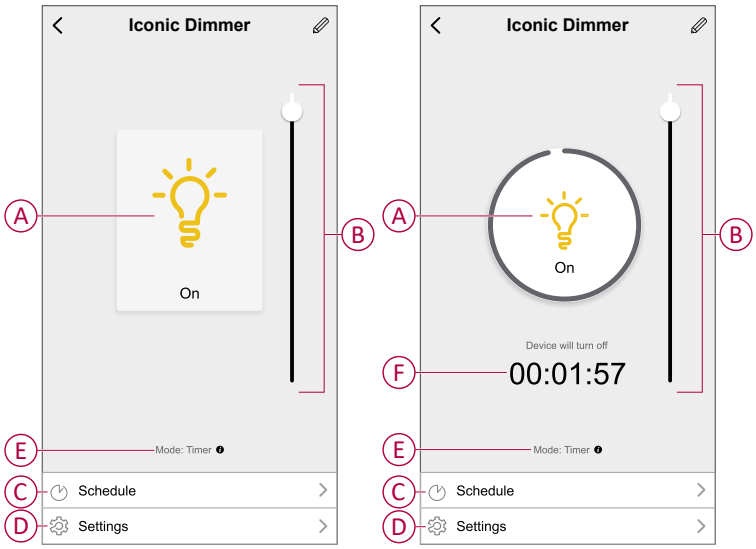
The Control Panel allows you to switch the Dimmer on/off, increase/decrease the brightness and control various settings.

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)
- Schedule, page 15 (C)
- Settings, page 8 (D)

- Mode selection indicator (E)
- Timer count down, page 14 (F)

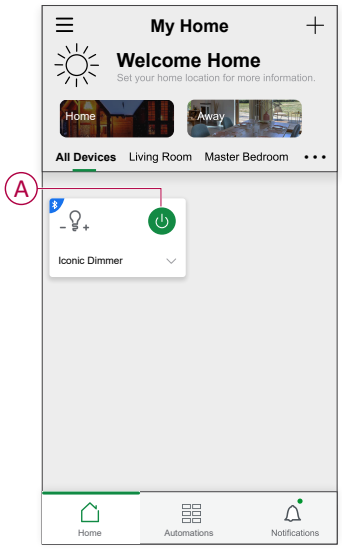


Switching/Dimming the device using app

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

Switch on/off the device

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

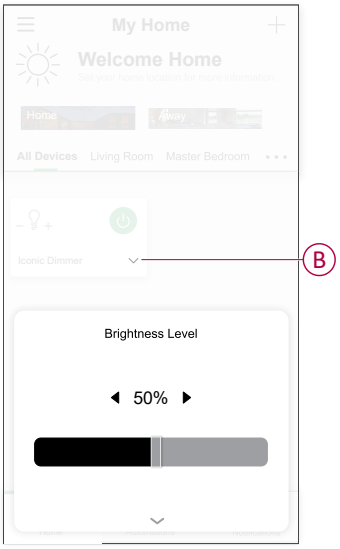


TIP: You can also navigate to the control panel, page 12 of the device and tap to switch on/off the Dimmer. The control panel always shows the current state of the Dimmer.

Adjusting the brightness of the device

To increase/decrease the brightness of the device:

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



TIP: You can also navigate to the control panel, page 12 of the device and drag the sliding bar up/down to increase/decrease the brightness. The control panel always shows the current brightness percentage of the Dimmer.

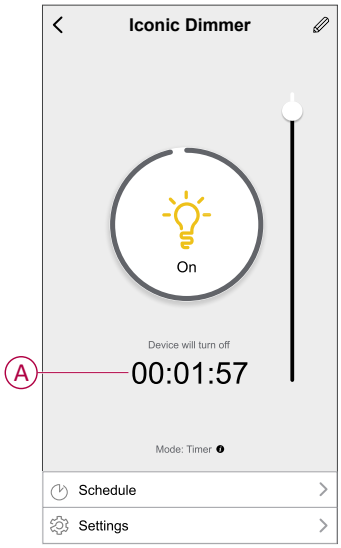
NOTE: During timer mode, the dimmer automatically turns off after a specified period of time. Refer timer mode, page 14.

Setting timer mode

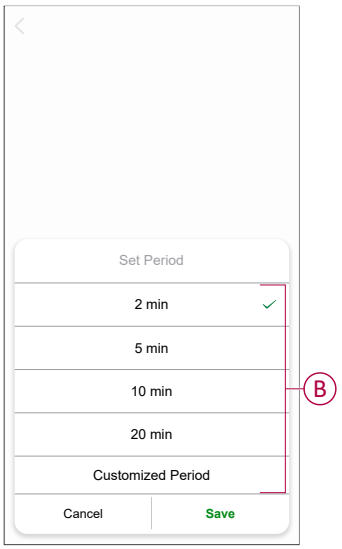
You can set the timer to turn off the device after a certain period of time.

In Wiser app, change the mode from switch to timer, refer to mode settings, page 10.

1. On the device control panel page, tap timer (A) for the slide-up menu.



2. In the slide-up menu select the required **Set Period** (B) and tap **Save**.



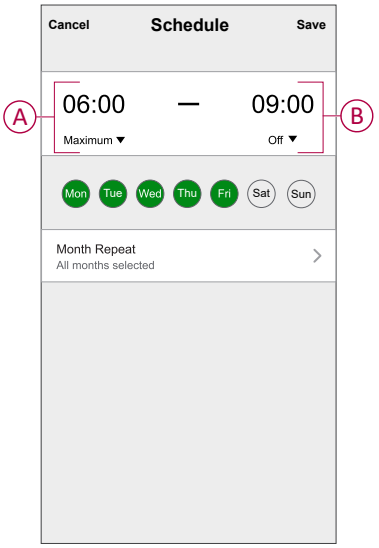
NOTE: The timer mode will be stopped automatically at the end of the countdown timer. If the timer mode feature is enabled, and there are one or more Schedule/Moment/Automation actions in this period, then the system will stop the current mode action immediately, and perform the new actions (the new action always has a higher priority than the current action).

Once the countdown timer reaches zero, the device turns off.

Creating a schedule

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

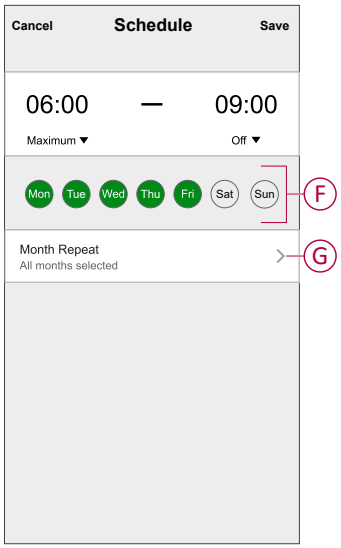
1. On the **Home** page, tap **All devices** > **Iconic Dimmer**.
2. Tap (A) to set the start time and tap (B) to set end time.



3. Tap (C) and select any one of the following:
   - **Sunrise**: schedule will be triggered at sunrise.
   - **Sunset**: schedule will triggered at sunset.
   - **Custom**: to set the required start/end time (D).

4. Tap (E) to set the brightness level from the list:
   - **Maximum**: 100% brightness level.
   - **High**: 75% brightness level.
   - **Medium**: 50% brightness level.
   - **Low**: 25% brightness level.
   - **Very Low**: 10% brightness level.

5. Select the days you want to repeat the schedule (F).
6. Tap **Month Repeat** (G) to set the months you want to repeat the schedule.



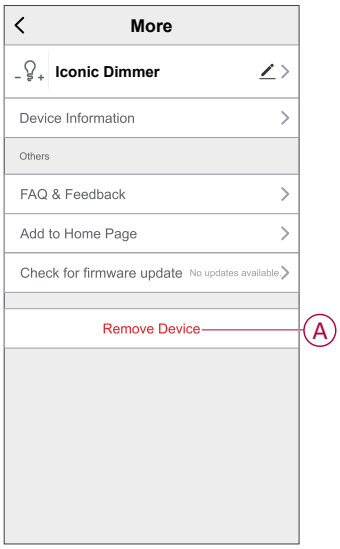
7. Tap **Save**.

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 device** (A) and select any of the following:
   - **Disconnect**: to remove the device.
   - **Disconnect & Erase Data**: to remove the device and erase data.



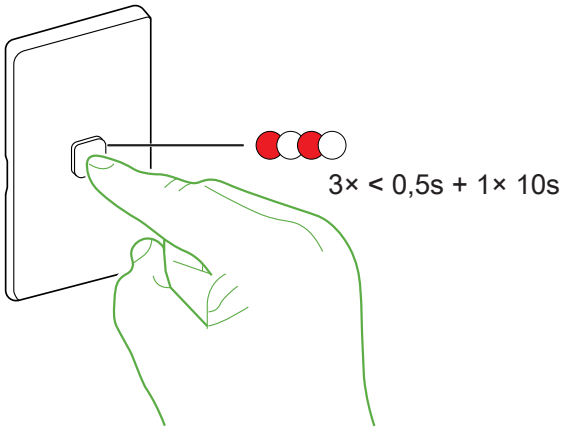
TIP: On the **Home** page, tap and hold the **Iconic Dimmer** to remove the device.

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 red green.	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 and the device turns off.

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.	• 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.	• 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.	• 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	• Change load. • Set to RL LED mode.
Only slight dimming capability	• 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 17.

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	BLE		
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

Product Environmental Data

Find and download comprehensive environmental data about your products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP), End-of-Life instructions (EOLI) and much more.

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