

KONEC COB SMART DOWNLIGHT CCT-DL426

USER MANUAL

For all Konec COB Smart Downlight
CCT-DL426 Series

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1. NOTICE

DISCLAIMERS

- This User Manual is designed to help you get the most out of your Konec COB Smart Downlight CCT-DL426. Please read it carefully before use. For your safety and the best experience, we recommend that installation and maintenance be carried out by a qualified professional.
- The information provided in this manual is for general guidance and reference purposes only. Konec Solutions Pty Ltd makes no representations or warranties, express or implied, regarding the completeness, accuracy, or suitability of the content. Product specifications, features, and visuals are subject to change without notice.
- This product must be installed, repaired, and maintained in accordance with AS/NZS 3000 and applicable local laws. Improper installation, use, or unauthorised modification may void the warranty and pose safety risks.
- To the extent permitted by law, Konec Solutions disclaims any liability for direct, indirect, incidental, or consequential damages arising from the use of this manual or the product itself.
- This disclaimer does not affect your rights under the Australian Consumer Law or the New Zealand Consumer Guarantees Act 1993.
- All content in this document—including text, images, and graphics—is the property of Konec Solutions. No part may be reproduced, translated, or modified without prior written permission.
- For the latest version of this manual, please visit www.konechome.com.au.

IMPORTANT SAFETY INSTRUCTIONS

To ensure a safe and compliant installation, please follow these precautions:

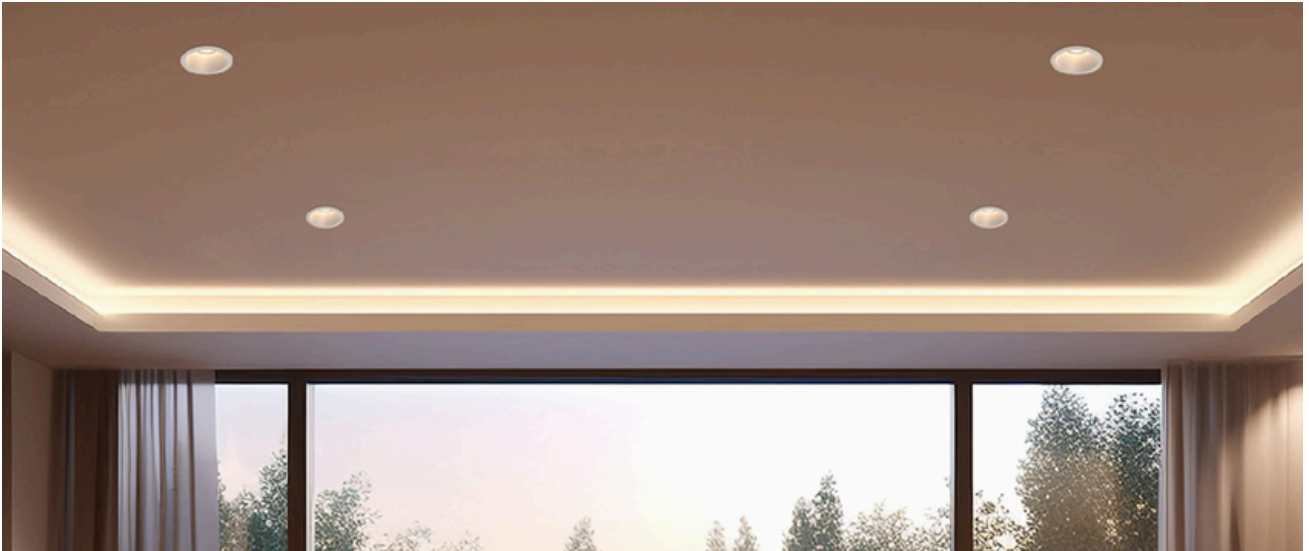
- This product is designed for professional installation.
- Disconnect power before starting installation or maintenance.
- Installation must comply with AS/NZS 3000 and all relevant local electrical and building regulations.
- Do not exceed the product's rated electrical capacity.
- Avoid using power tools unless explicitly specified.
- Do not install in areas exposed to water or high humidity unless rated for such conditions.
- Use appropriate personal protective equipment (e.g., gloves, safety glasses).

For product usage and maintenance safety, please refer to the User Manual.

2. PRODUCT OVERVIEW

PRODUCT DESCRIPTION

The DL426 downlight uses COB LED technology with an anti-glare design and a high CRI for vivid, true-to-life colours. Crafted from die-cast aluminium, it guarantees durability while providing bright, uniform lighting with energy-efficient performance.



FEATURES



COB LIGHT SOURCE

Features advanced COB LED technology with multiple chips on a single substrate that creates a brighter and intense light while using less energy.

**UGR
<19**

ANTI-GLARE DEEP RECESSED DESIGN

The downlight is designed with a deep recessed lens structure, enhancing its anti-glare capabilities for improved visual comfort.



SCENE CONTROL

Integrate the downlights into an automated scene that allows the on/off status, brightness, and colour temperature to change in response to a scene activation.



SCHEDULE

Set scheduled/countdown timers to turn on/off at specified time.



APP CONTROL

The on/off status, brightness and colour temperature can be controlled remotely through the app.

CERTIFICATION

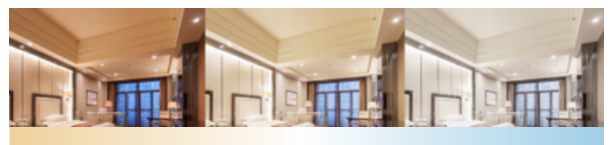


This product is RCM certified, ensuring compliance with Australian safety and regulatory standards.

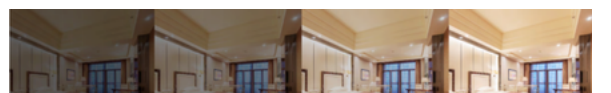
VOICE ASSISTANT



2700K - 6000K COLOUR TEMPERATURE

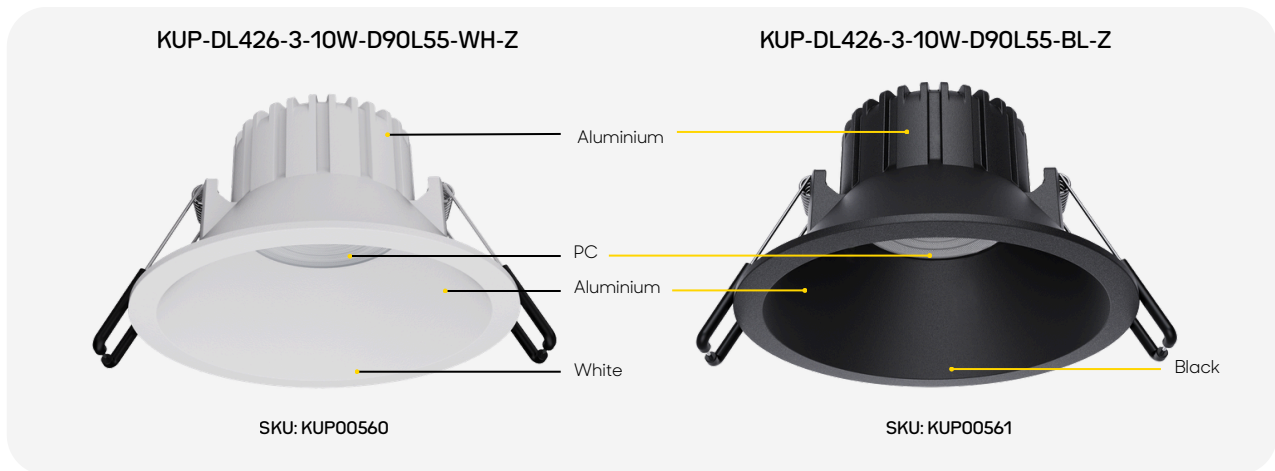


1% - 100% DIMMABLE BRIGHTNESS

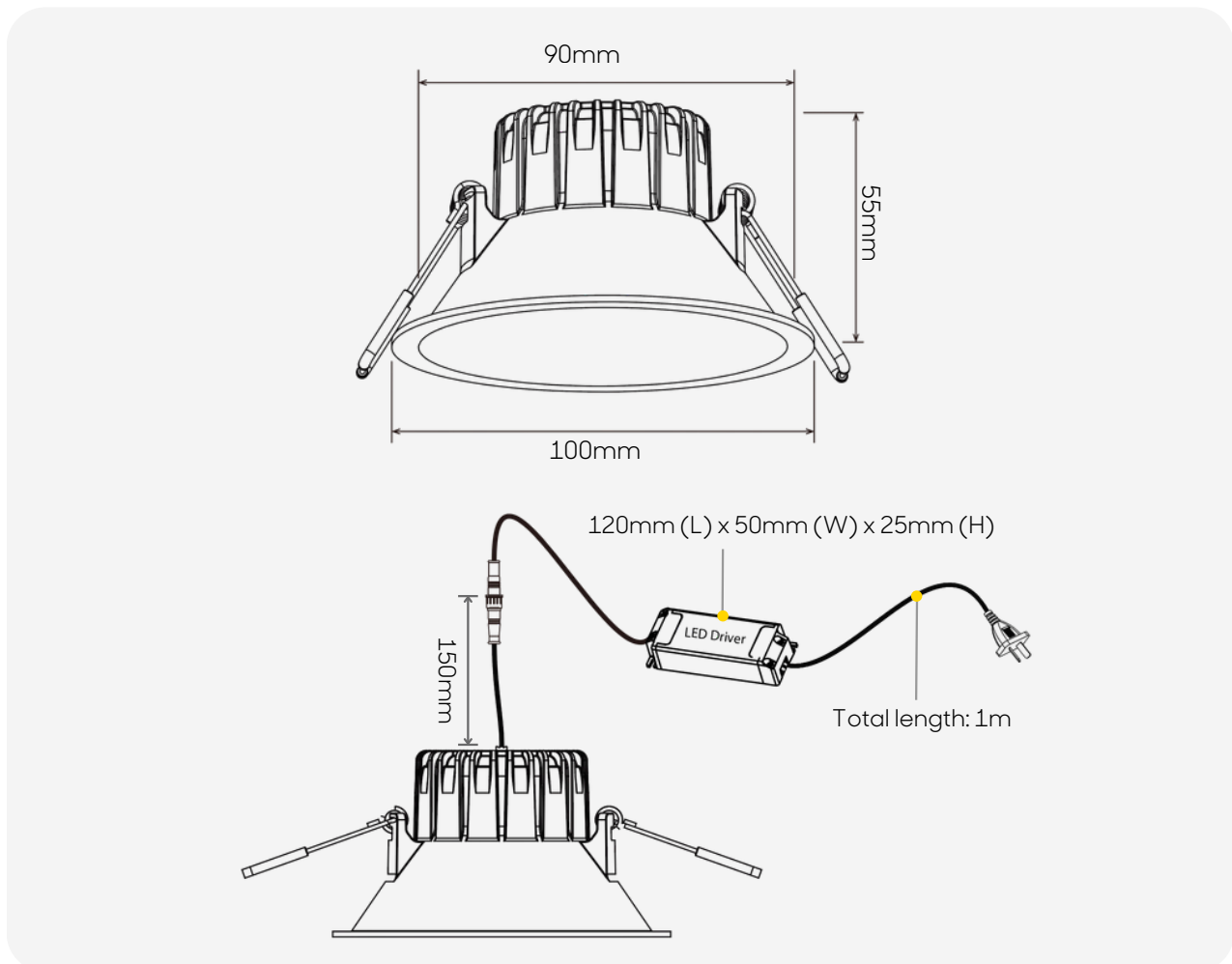


2. PRODUCT OVERVIEW

MATERIALS & COLOUR



PRODUCT DIMENSIONS



2. PRODUCT OVERVIEW

SPECIFICATIONS

Input Voltage	AC 220V - 240V, 50/60Hz	Housing Material	Die Cast Aluminium
Rated Power	10W	Optics Material	PC
UGR	<19	CRI	≥ 90
Luminous Flux ± 5%	White: 790 - 840lm Black: 770 - 820lm	Beam Angle	60°
Operating Temperature	-20°C ~45°C	CCT	2700K - 6000K
Connection Type	Zigbee	Dimensions	Ø100 × 55mm
Electrical Class	Class II	Cutout	Ø90mm
Lifespan	Up to 50,000hr	Installation Method	Recessed
Glow Wire Test	750°C	IP Rating	IP65(Below Ceiling) IP40(Inside Ceiling)

WHAT'S INCLUDED

DOWNLIGHT * 1



Disclaimer: The external LED Driver is included.

IN-BOX USER MANUAL * 1



3. SETUP

PRECAUTIONS

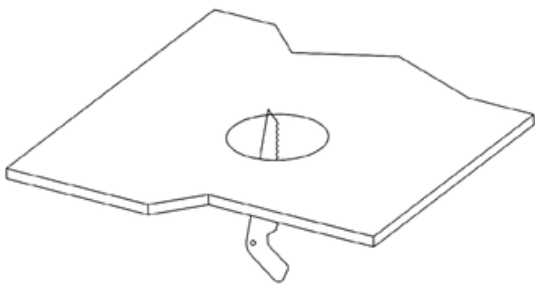
WARNING

1. Switch OFF the power before installation.
2. Power can be turned on after completing installation and circuit inspection.
3. Professional electrician for installation and maintenance only.
4. The number of single-channel parallel lamps must not exceed 30.
5. Product modification and improper installation are not valid for warranty.
6. The luminaire's light source is non-replaceable; if damaged, the luminaire must be discarded.
7. **Warning: Compromising clearance distances may risk overheating or fire.**

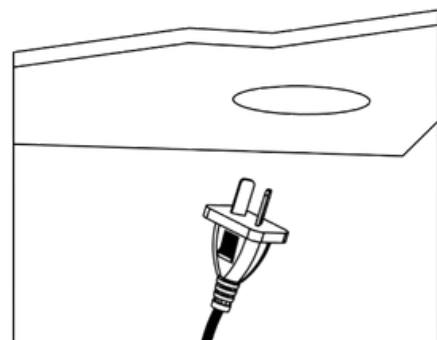


INSTALLATION

- 1 Cut an opening in the ceiling with a minimum diameter of 90-95mm.

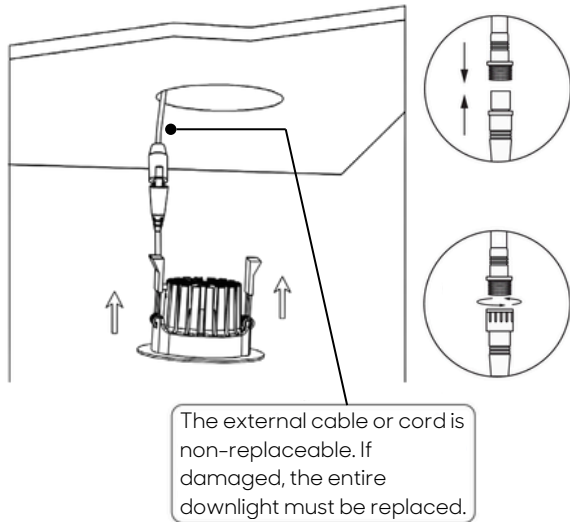


- 2 Connect the power supply.

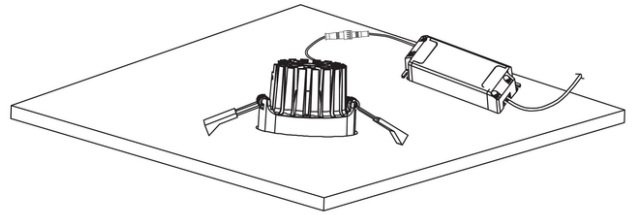


3. SETUP

- 3 Connect the downlight with the driver, hold back the spring clip, then push the downlight into the hole.



- 4 Make sure the downlight is fixed tightly in the ceiling before turning on the power.



Inspect the luminaire for damages. If damaged, the entire downlight must be replaced.

4. CONFIGURATION



Disclaimer: All images and text provided below are intended for reference purposes only. Please note that this content is subject to updates, and both the text and images may change over time.

4.1 DOWNLOAD THE APP



IOS



Android

Scan the QR Code to download Arks by Konec Solutions App.

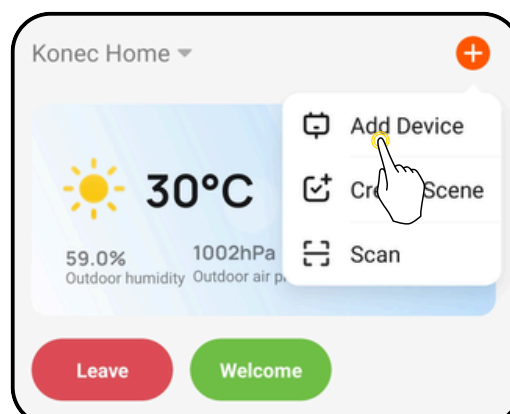
4.2 ADD PRODUCT TO ARKS

- 1 Turn the switch on and off quickly five times in a row. When the colour of the light turns white and the brightness flashes, the device has entered pairing mode.
- 2 On the app, tap on the home list and select the home you wish to pair with the light.
✳ If you want to add it in a new home, please reference to the "Konec Arks APP User Guide" to create a new home.



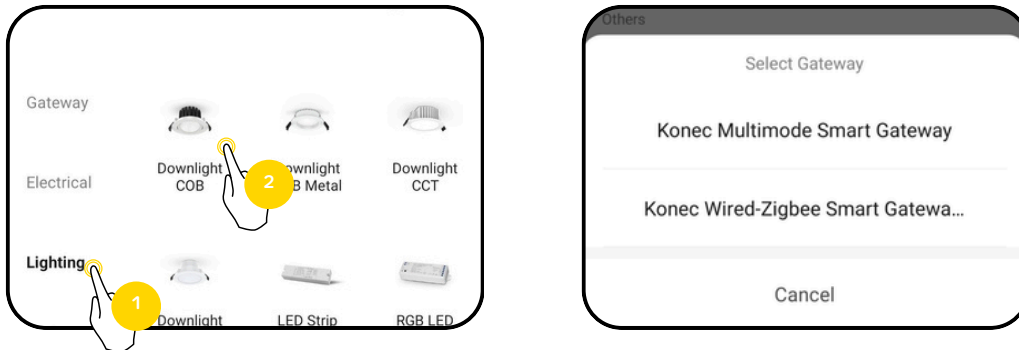
✳ Ensure that a gateway is installed properly and added to the Arks App.
Please refer to the User Manual for the corresponding gateway installation and pairing.

- 3 Tap on the " + " icon and then tap **[Add Device]**.

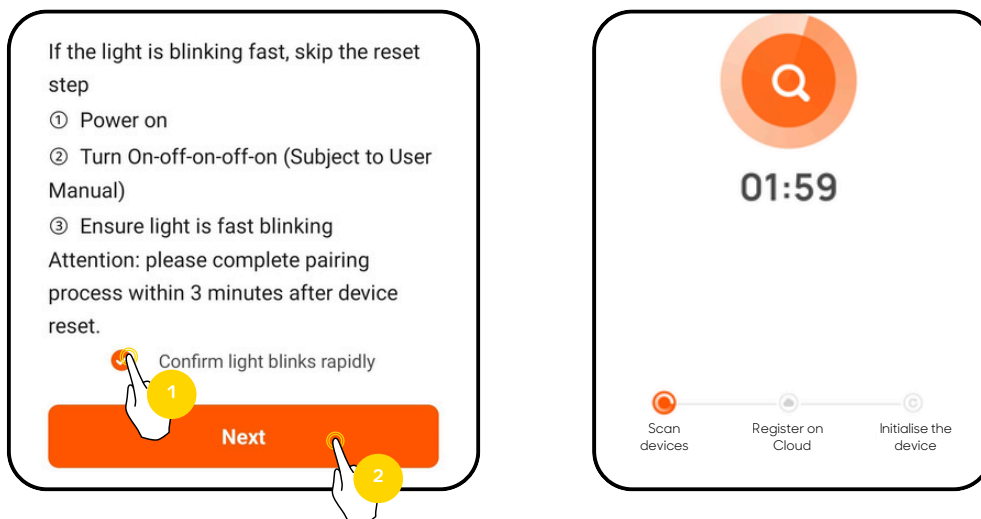


4. CONFIGURATION

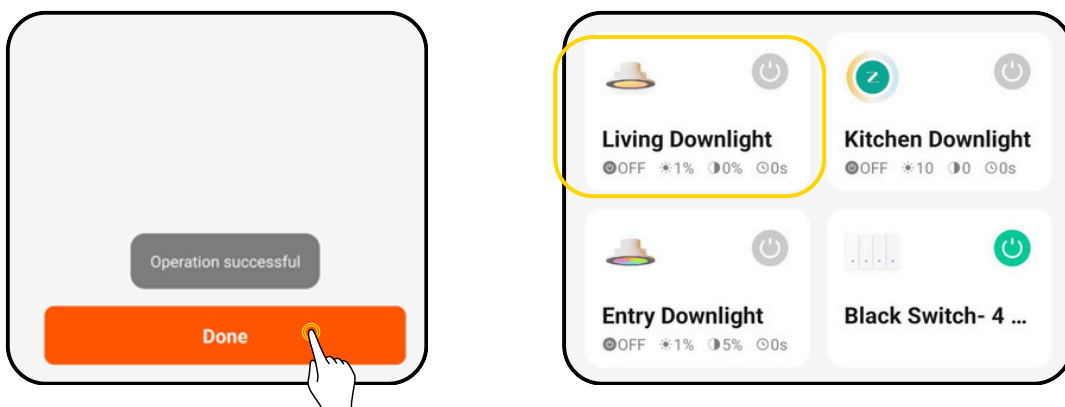
- 4 Tap on [**Lighting**], and then tap [**Downlight COB**]. Choose the gateway you wish to pair with the device.



- 5 Confirm the reset status and tap [**Next**]. The app will scan for the device.



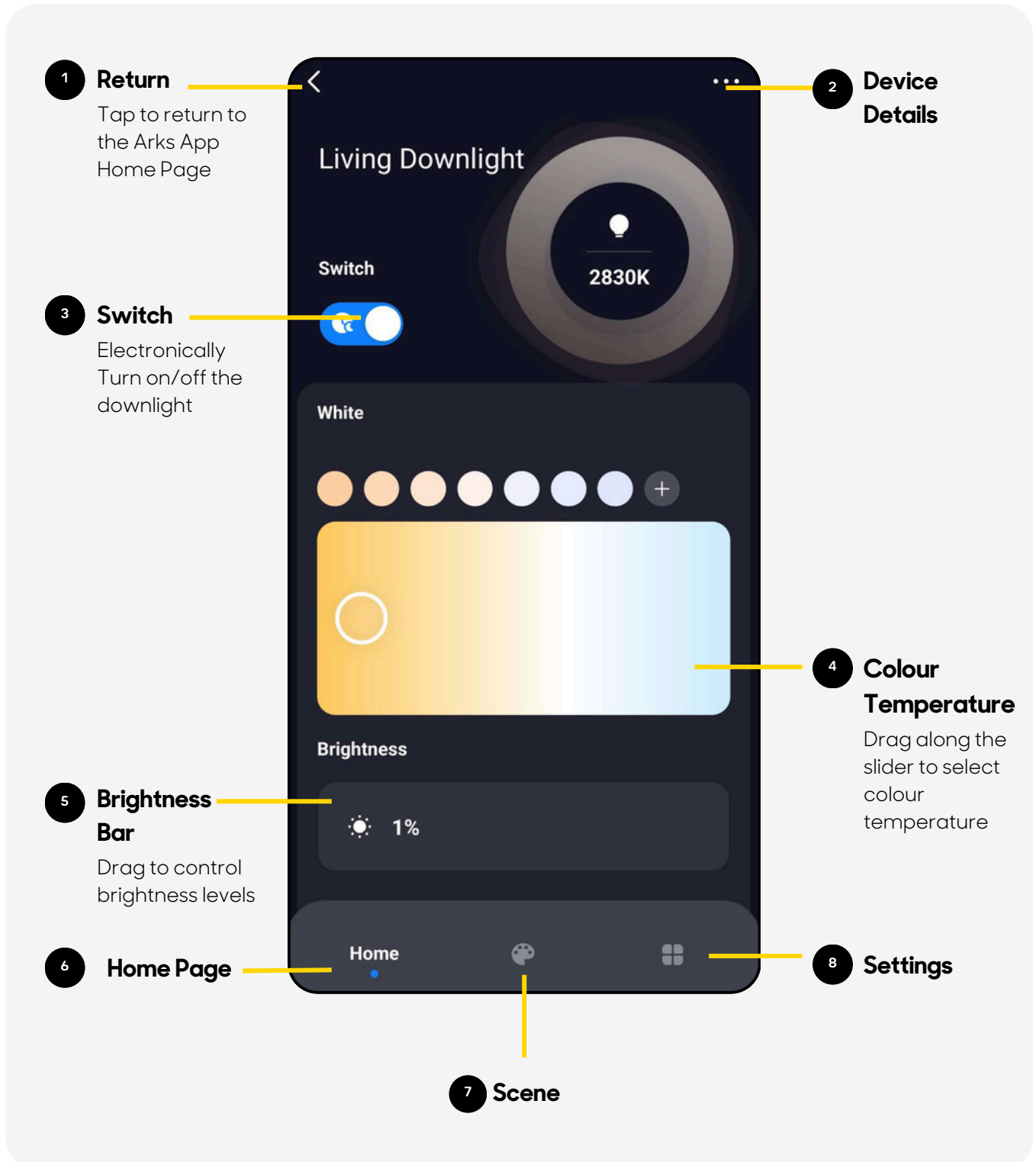
- 6 Device will be automatically detected and appear once the Pairing Operation is successful. Tap [**Done**] to complete. The light should appear on the Dashboard.



4. CONFIGURATION

4.3 DEVICE CONTROL PAGE

Directly access and control the settings and functionalities of the Konec COB Smart Downlight CCT-DL426. Special features include adjusting settings, viewing status, or performing setup configurations.



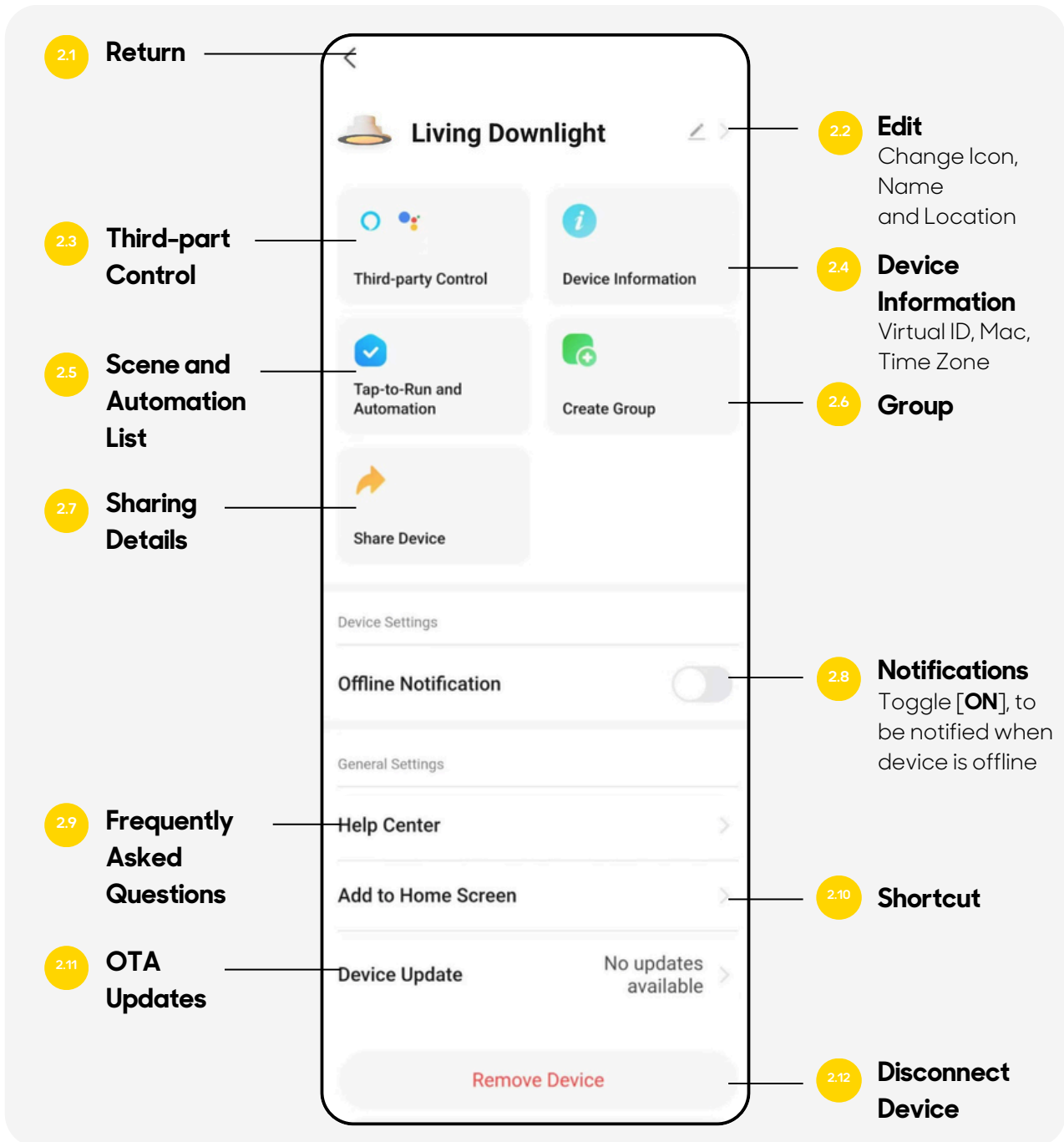
4. CONFIGURATION

1 RETURN

Tap the Return icon "<" to go back to the Home Screen.

2 DEVICE DETAILS

Access the Device information and other information.



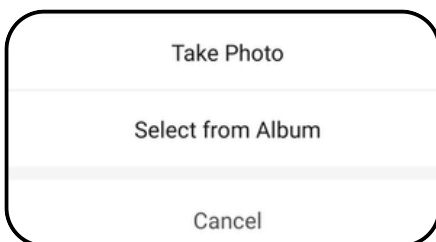
2.1 Return

Tap the Return icon "<" to go back to the Device Interface.

2.2 Edit

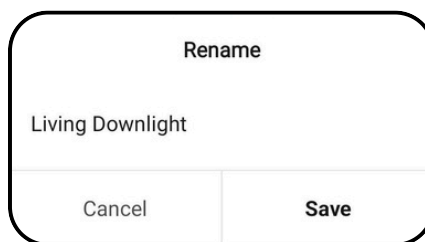
Tap the Signature icon "↔" to change Icon, Name and Location of the device.

4. CONFIGURATION



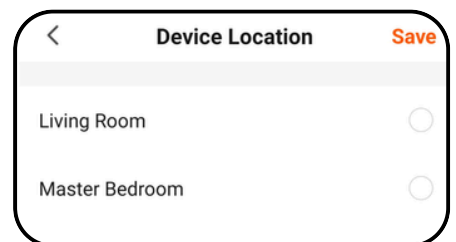
Icon

Update display icon with an icon from a photo or your phone.



Name

Change the display name.



Location

Select where the device is located.

2.3

Third-part Control

Third-party device control connection.

2.4

Device Information

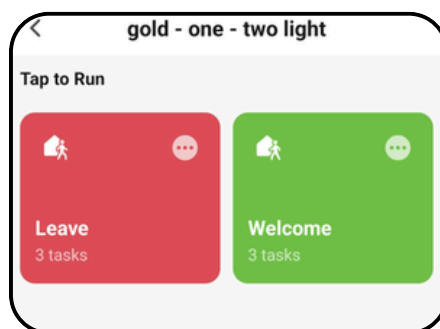
Obtain the information about Virtual ID, Mac, and Time Zone.

2.5

Scene and Automation List

View the list of Scenes and Automations that this device is included in.

You can tap [**Tap-to-Run and Automation**] to view the list of Scenes and Automation.



2.6

Group

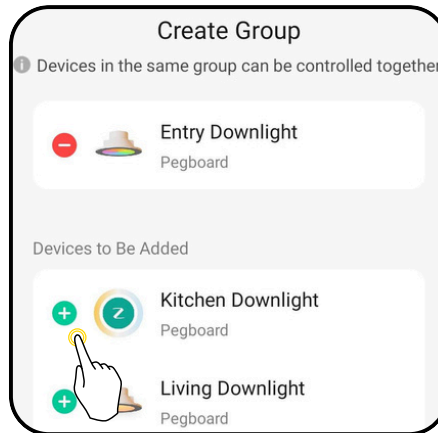
Create a group where you can control the selected devices together.



Note: Both devices must be paired under the same gateway to allow Group feature.

4. CONFIGURATION

1. Tap [**Create Group**].
2. Under "**Devices to be Added**", tap on the "+" of the device you will to group.
3. Tap [**Save**].



2.7 Sharing Details

Details on how to share this device's access and control with other users.

*** Note:** Sharing methods that solely share one device in your smart home is not supported. You would need to **Add a Member** to your Smart home to access the device.

Sharing Method Not Supported

Currently, you cannot use the specified method to share Bluetooth mesh devices, Zigbee devices, infrared devices, Bluetooth Beacon devices, and certain Bluetooth LE devices with other users.

Recommended Sharing Method

If the recipient is a home member or a reliable user, tap Me > Home Management > Add Member and add the recipient to your home. Then, devices in the home can be shared with the recipient in bulk.

2.8 Notifications

Receive phone notifications when this device's status changes to offline.

To turn on this function, under "**Device Offline Notification**" toggle [**Offline Notification**] ON.

*** Note:** Offline notification may experience delays.

- 2.9 **FAQ** Access a list of questions that are related to this product.
Tap [**More**] to access the general FAQ.

2.10 Shortcut

Add a shortcut onto your phone home screen for easier access.

1. Tap [**Add to Home Screen**].
2. Tap [**Go**].
3. Tap [**Add**].

2.11 OTA Updates

Check for the latest firmware updates.

Toggle ON [**Auto Upgrade**], if you wish to automatically update the device when a new update is detected.

4. CONFIGURATION

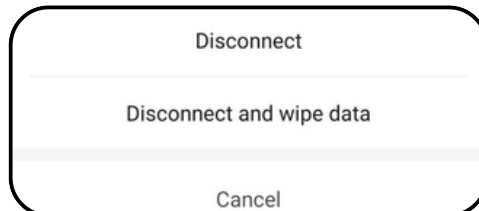
2.12

Disconnect Device

Remove and disconnect the device from your app.

Disconnect: You will remove the device and all related automation settings will be deleted. Tap [**Disconnect**] > [**Confirm**].

Disconnect & Wipe Data: You will remove the device and all related data will be deleted. Tap [**Disconnect and wipe data**] > [**Confirm**].



3 SWITCH

Toggle the switch key to turn on and off the designated function electronically.

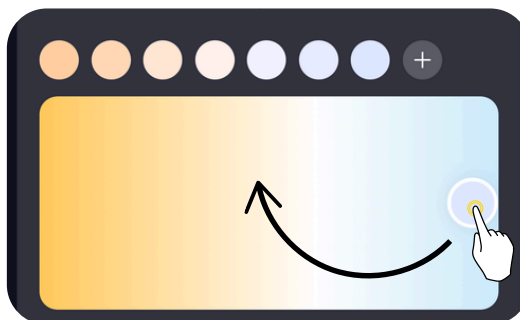


Note:

If the downlight is connected to a switch, manually turning it off using the switch will cut the power to the downlight. This implies that if the switch is turned off, you will not be able to electronically activate the light through the app.

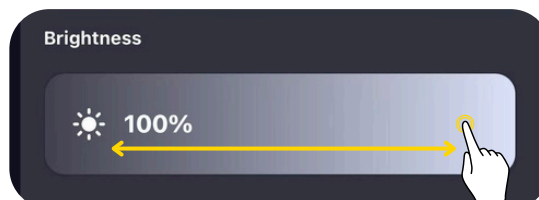
4 COLOUR TEMPERATURE

Drag and slide the circle on the colour palette to select the colour temperature.



5 BRIGHTNESS

Drag the bar to adjust brightness.



4. CONFIGURATION

6 HOME PAGE

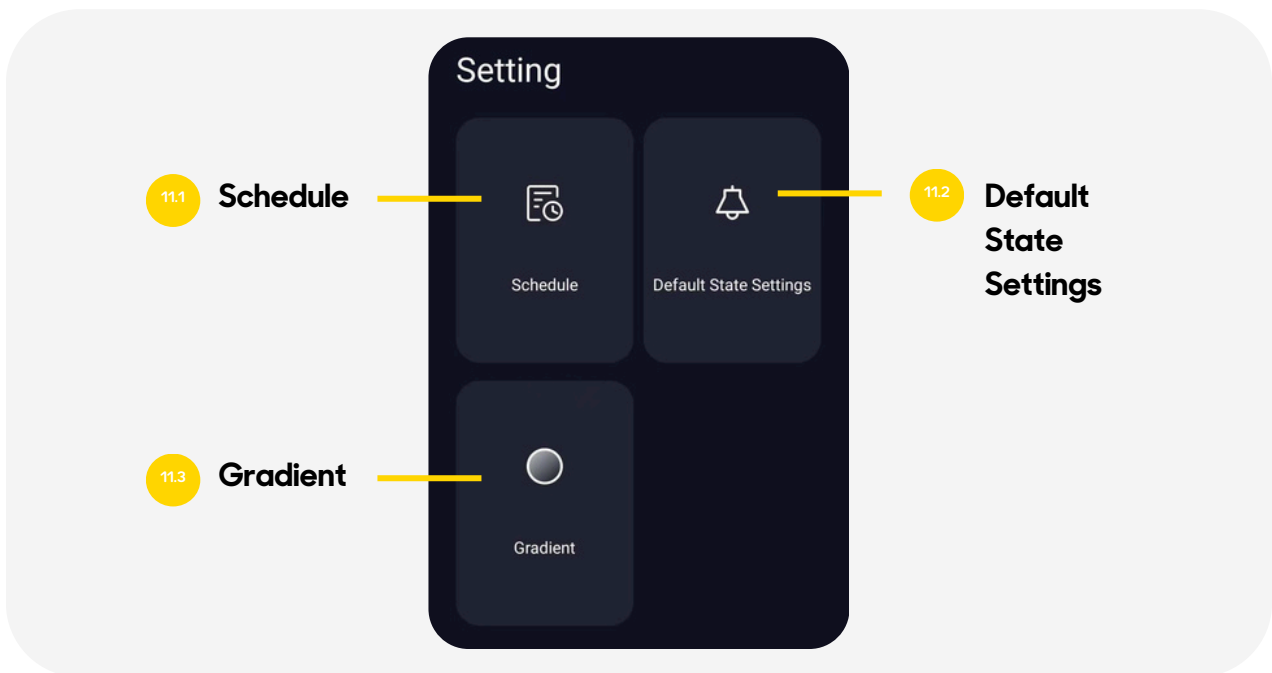
Main interface for device control.

7 SCENE

Choose a range of pre-set lighting options to suit different scenarios..

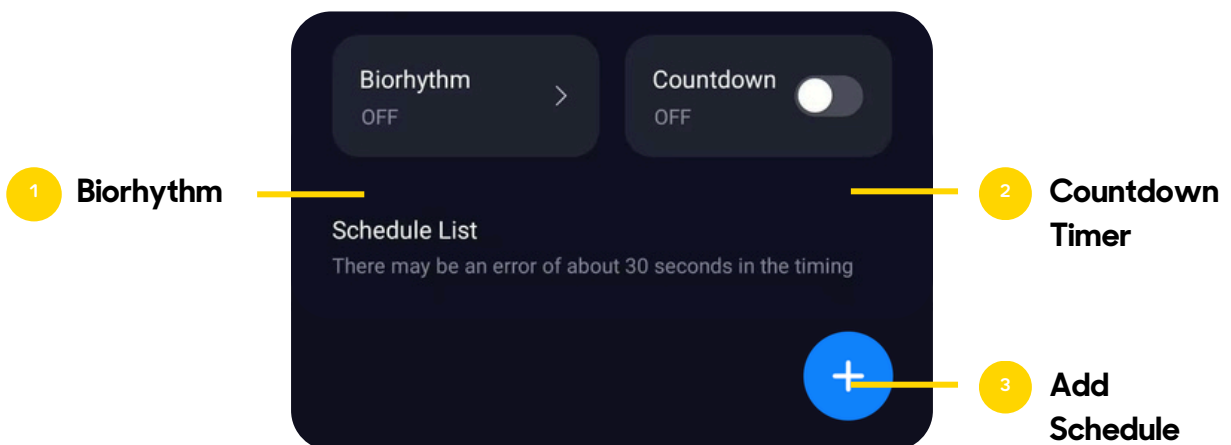
8 SETTINGS

Set up the devices with "☰".



11.1 Schedule

Tap the schedule icon "📅" to go to the schedule interface.



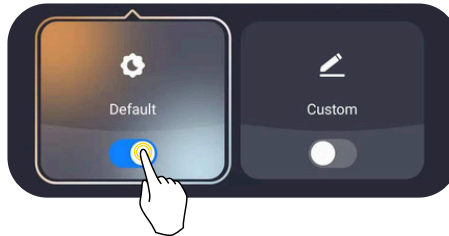
Disclaimer: If using Konec Smart Switch to control the downlight, please use the switch's timer for smart turn On/Off.

4. CONFIGURATION

1 Biorhythm

• Default

1. Toggle on default to turn on the default biorhythm.
2. Tap "Save".



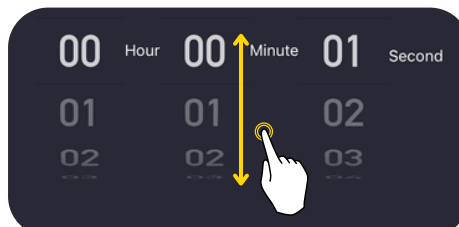
• Custom

1. Toggle on custom to turn on the custom biorhythm.
2. Drag "☀️ / 🌞 / 🌅 / 🌙" icon to set "Wake/Sunlight/Comfortable/Night light" time.
3. Tap on the colour plate to change the colour temperature and brightness.
4. If you tap the "Reset", the custom biorhythms will set to default setting.
5. Tap "Save".



2 Countdown Timer

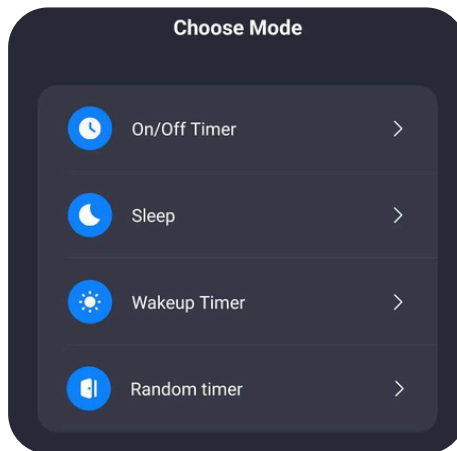
1. Toggle on "Countdown Timer".
2. Scroll to set the countdown time.
3. Tap "Save".



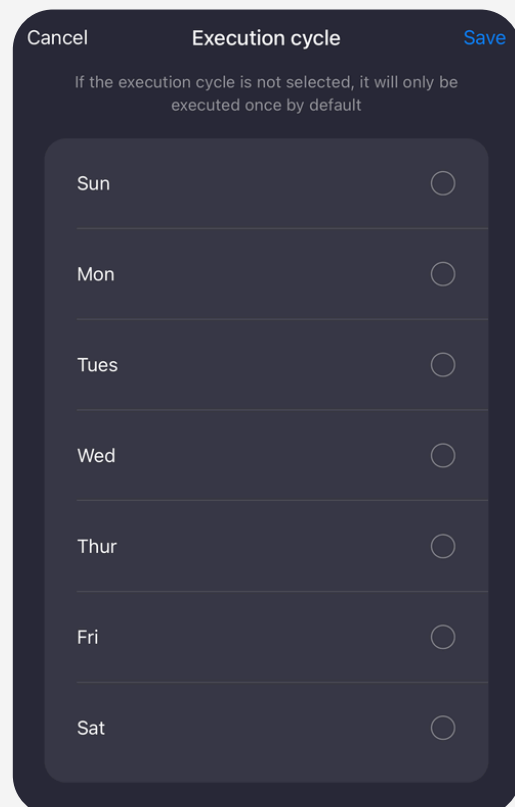
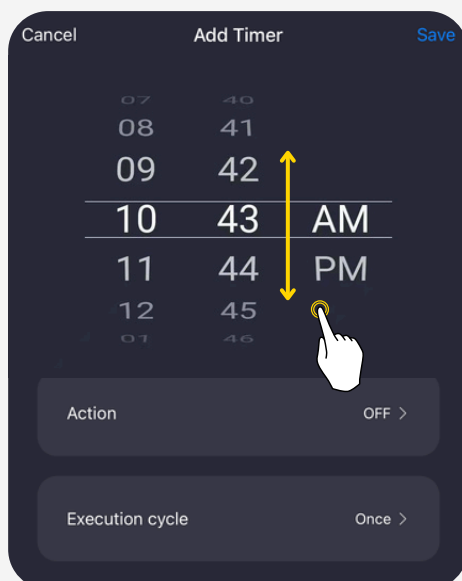
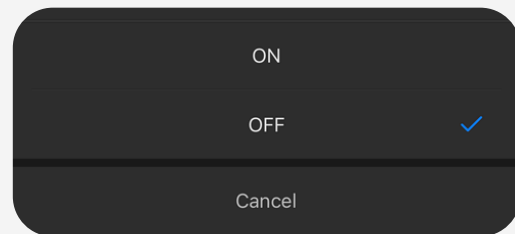
4. CONFIGURATION

3 Add Schedule

Tap "+" icon to access into the timer type chosen interface.



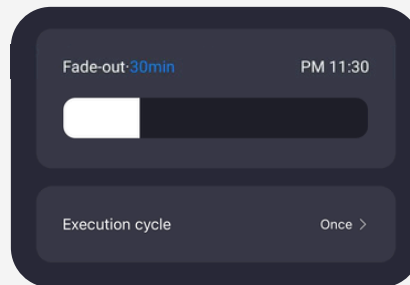
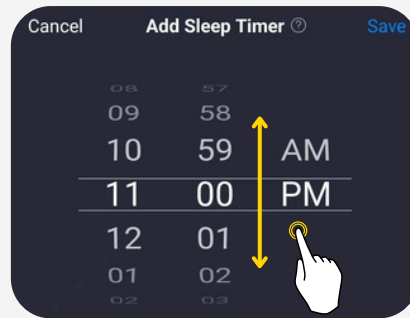
- **[Timer]**: Set the time to control the light to turn on/off.
 1. Tap the **[Timer]**.
 2. Scroll to set the timeframe.
 3. Tap **[Action]** to select action.
 4. Tap **[Execution cycle]** to repeat the action.
 5. Tap **[Save]**.



4. CONFIGURATION

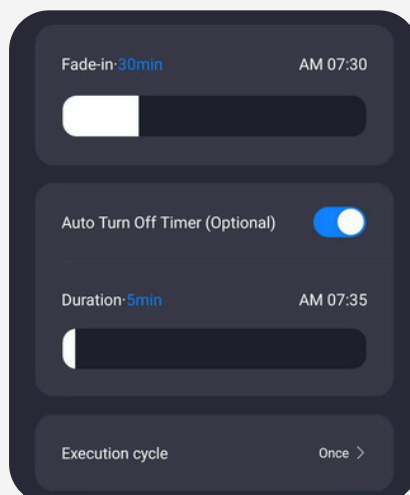
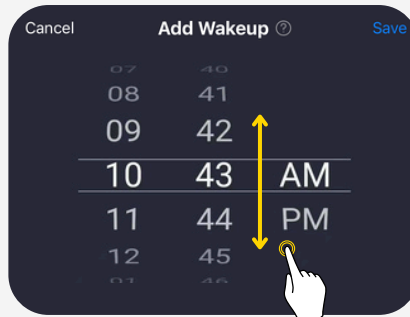
- **[Add Sleep Timer]**: You can set a time according to your bedtime schedule, where the light will gradually dim and turn off. Adjust the fade-out period in the settings below.

1. Tap the **[Add Sleep Timer]**.
2. Scroll to set the timeframe.
3. Drag the bar to set fade-out time.
4. Tap **[Execution cycle]** to repeat the action.
5. Tap **[Save]**.



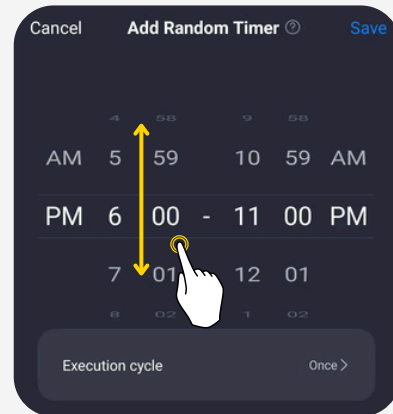
- **[Add Wakeup Timer]**: You can set a time according to your morning schedule, where the light will turn on and gradually brighten. Adjust the fade-in period in the settings below.

1. Tap the **[Add Wakeup Timer]**.
2. Scroll to set the timeframe.
3. Drag the bar to set fade-in time.
4. Turn on the off setting and drag the bar to set last time.
5. Tap **[Execution cycle]** to repeat the action.
6. Tap **[Save]**.



4. CONFIGURATION

- **[Random Timer]**: This function controls the lighting by turning it on and off randomly at a set period, simulating occupancy while you are away from home.
 1. Tap the **[Random Timer]**.
 2. Scroll to set the timeframe.
 3. Tap **[Execution cycle]** to repeat the action.
 4. Tap **[Save]**.



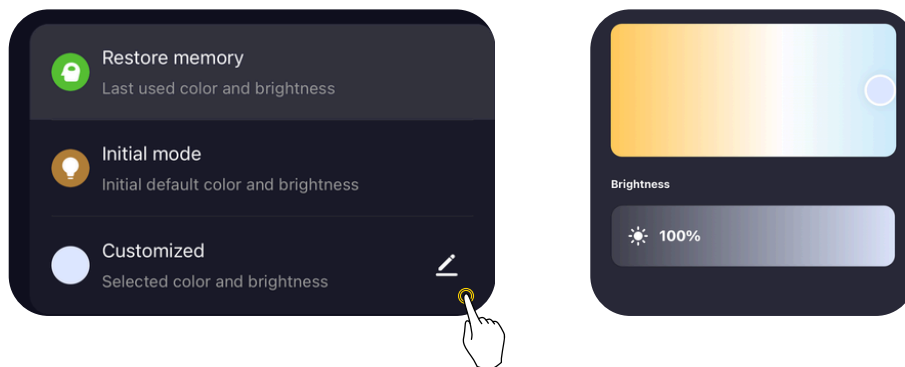
Disclaimer: Routine Schedules are based on the cloud server. If the server fails, the schedules will not be activated.

11.2

Default State Settings

Tap the light icon "🔦" to set default lighting.

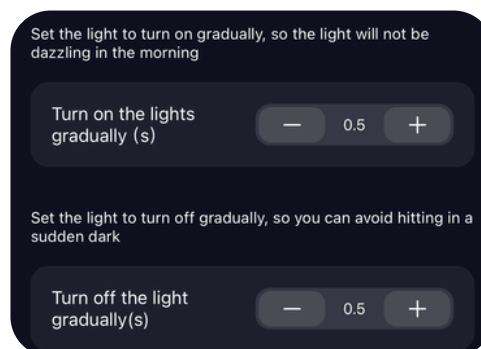
Tap the Edit icon "✎" to set up the custom settings.



11.3

Gradual On/Off

Tap the "🕒" icon to set the gradual On/Off of the lighting.

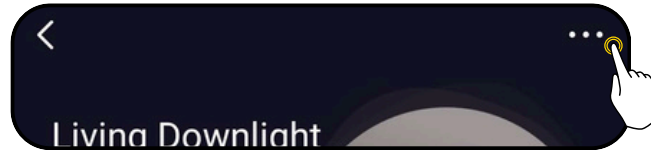


4. CONFIGURATION

4.4 REMOVE FROM ARKS

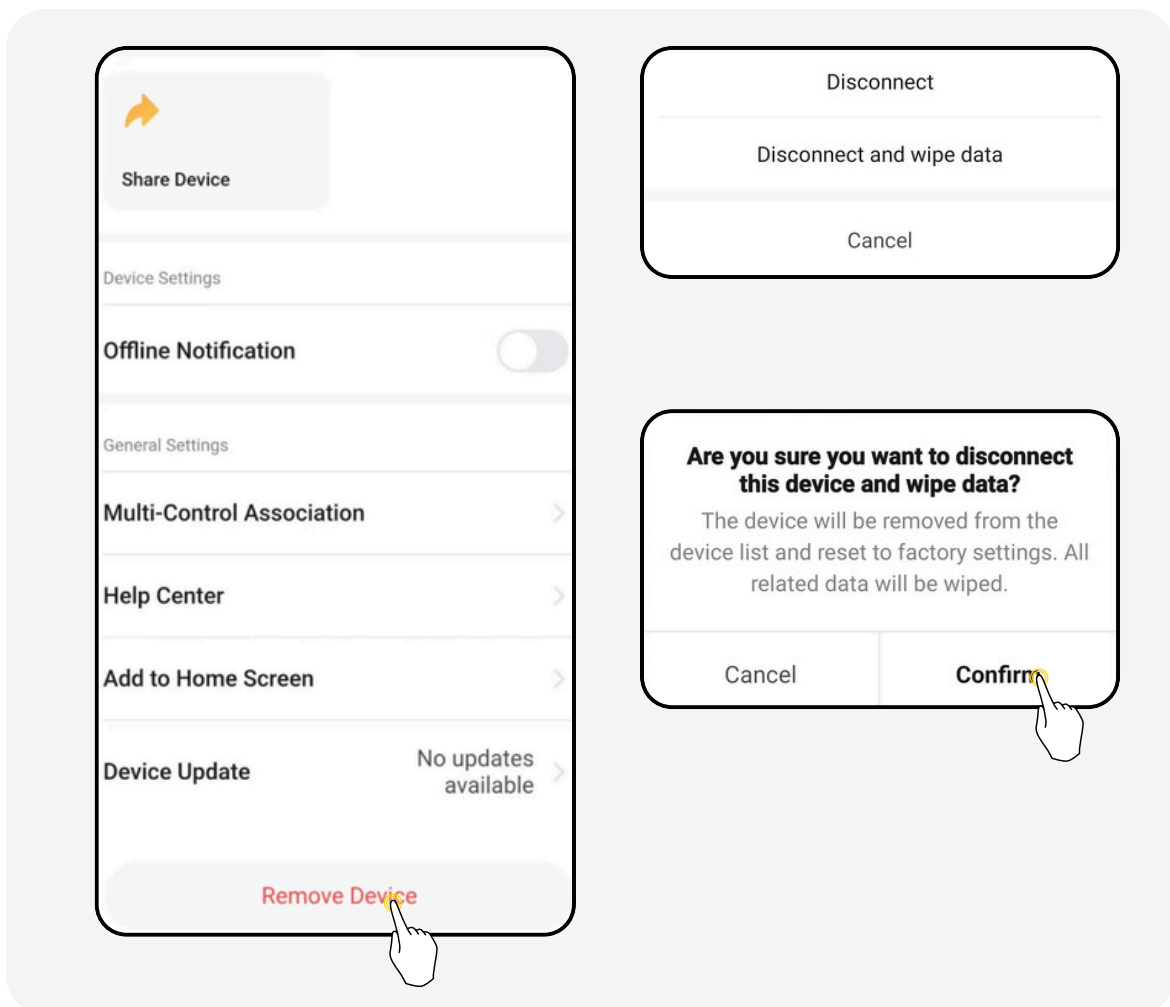
Remove and disconnect the device from your app.

1. On the Home screen, select the switch and tap on the **Device Details** icon "...".



2. Tap on **[Remove Device]**.
3. Select which method you wish to remove the device:

- **Disconnect:** You will remove the device and all related automation settings will be deleted. Tap **[Disconnect]** > **[Confirm]**.
- **Disconnect & Wipe Data:** You will remove the device and all related data will be deleted. Tap **[Disconnect and wipe data]** > **[Confirm]**.

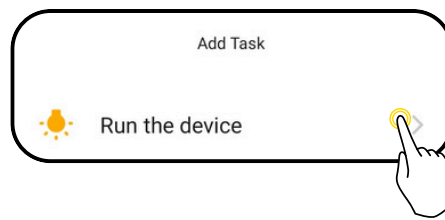


Disclaimer: Hard resetting the device will also remove the device from the Arks app.

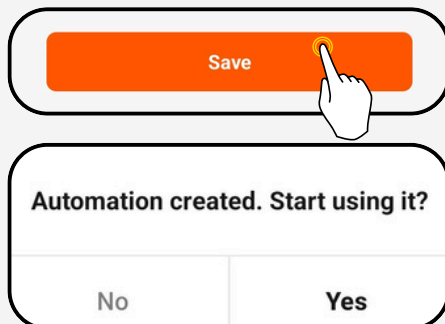
5. SCENE

SCENE SETTING

1. On the Home Page, tap the [**Scene**] tab or [**+**] icon to access your **Automation** and **Tap-to-Run** List.
2. Tap [**Create Scene**].
3. After setting the condition, tap "**+**" icon to add task.
4. Tap [**Run the device**], then tap this device in the list.



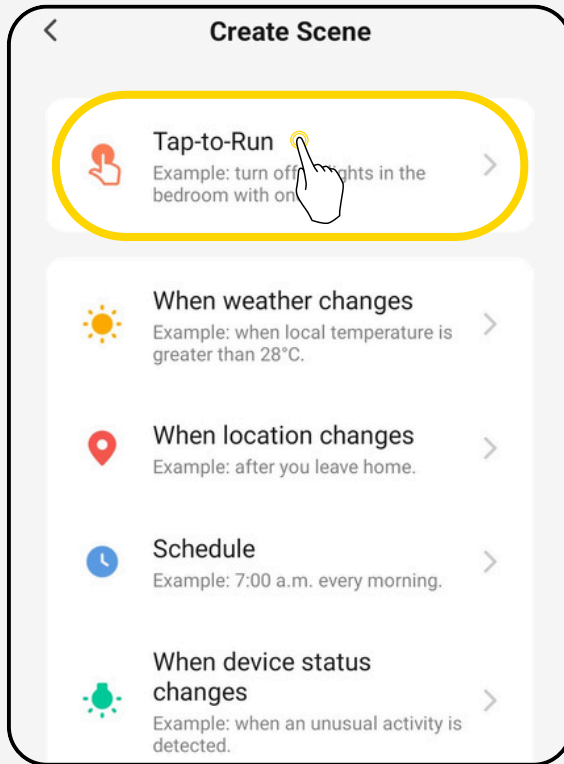
- [**ON/OFF**]: Turn ON/OFF the light as the task.



After confirming all of the setting. Tap [**Save**] > [**Yes**].

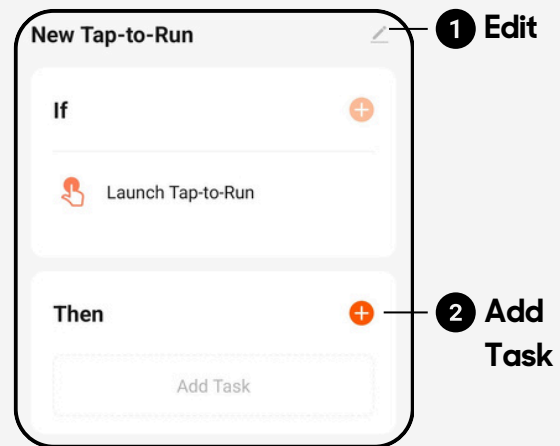
5. SCENE

- [Setting the condition]:

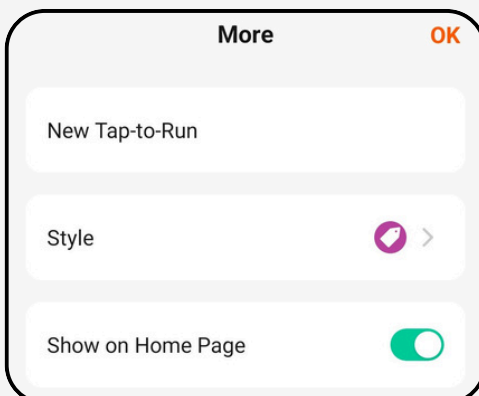


Tap-to-Run

If the scene icon is tapped, the selected devices will activate according to the set task.



1 Edit



Enter Scene Name: Rename the scene for easier identification.

Style: Choose the colour and icon theme for the scene.

Show on Home Page: Toggle On or Off to display scene on the Home page.

2 Add Task

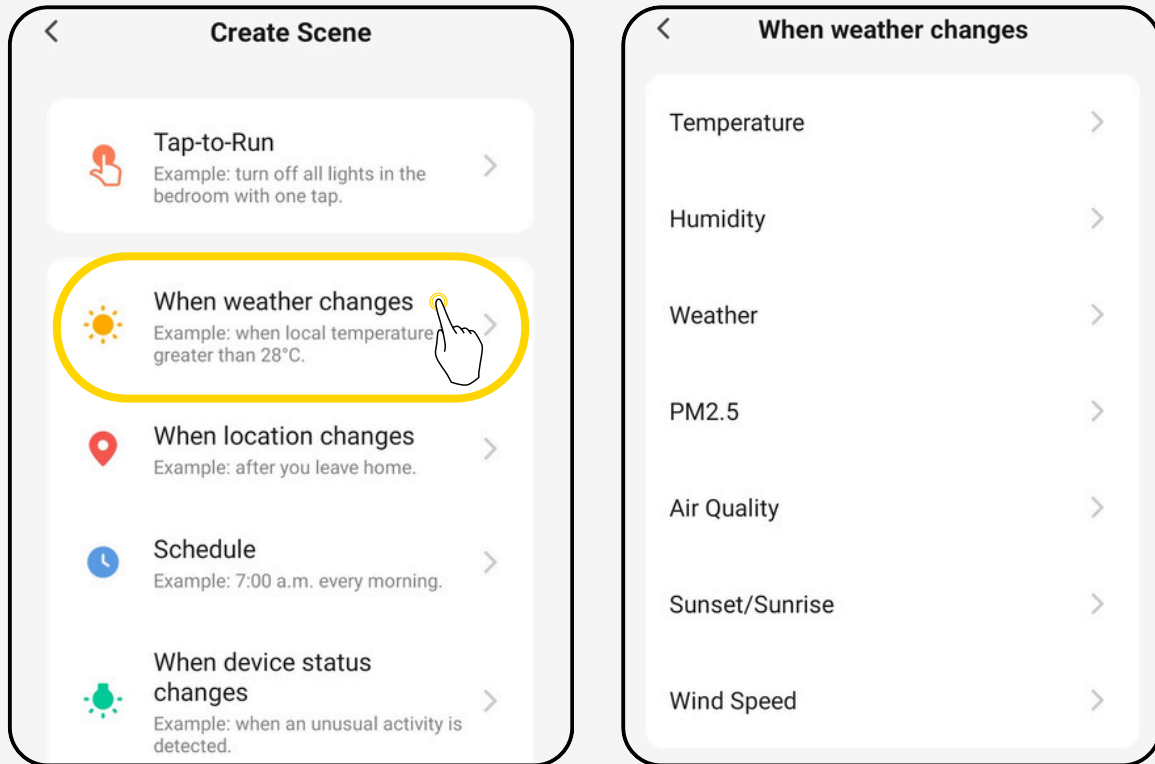
Refer to Pg.20

5. SCENE



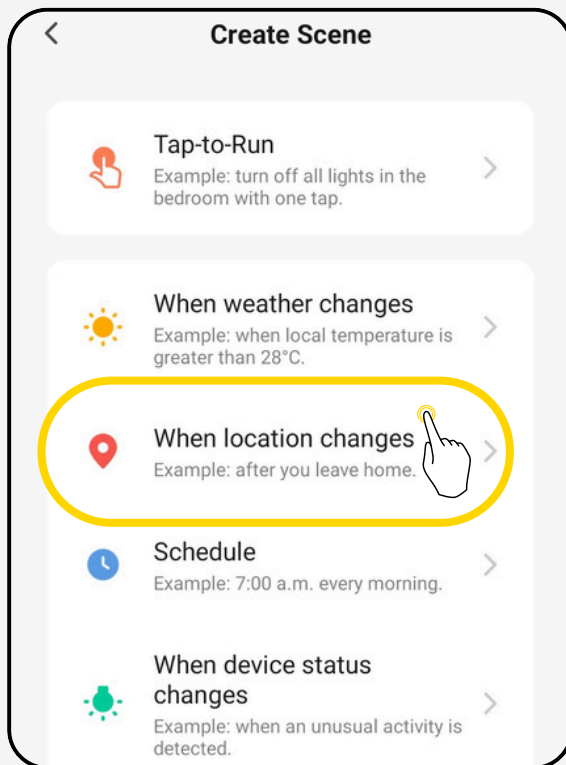
When Weather Changes

Activate automated scenes based on the live environment readings within your Smart Home.



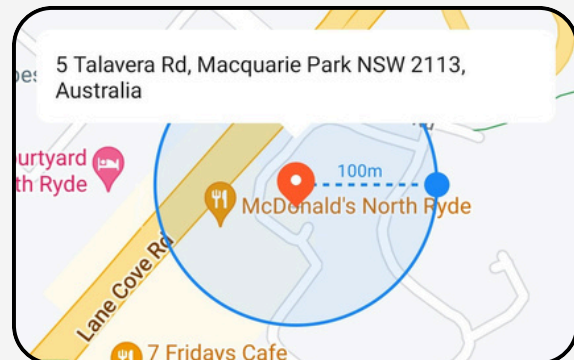
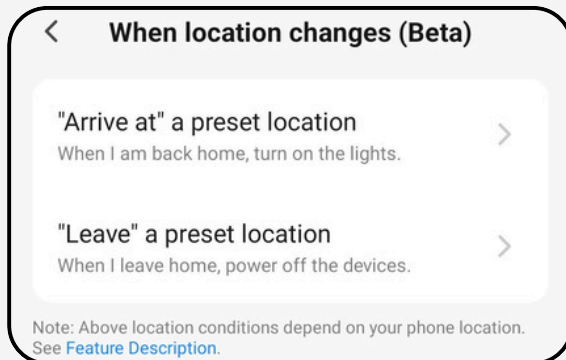
1. Select the environment condition you would like to trigger the scene automation.
2. Tap [**Current City**] and confirm your address location.
3. Select the environment conditions you would like to trigger the scene.
4. Under **Add Task**, select the desired task.
5. You can rename the scene by selecting the [] icon.
6. Tap [**Save**] and the scene will be added.

5. SCENE



When Location Changes: Activate automated scenes depending on your location; inside or outside your Smart Home.

Note: This function requires constant access to your location on your mobile to activate the scene. This access will not be collected or stored.



1

2

1 Select the condition on when the scene should activate:

Arrive: When you arrive home, the device will activate.

Leave: When you leave the vicinity. the device will activate.

2 Select the condition on when the scene should activate:

1. Select [**Arrive at**] or [**Leave**].

2. Confirm the Smart Home location.

3. Touch and drag the blue circle to confirm the detection proximity.

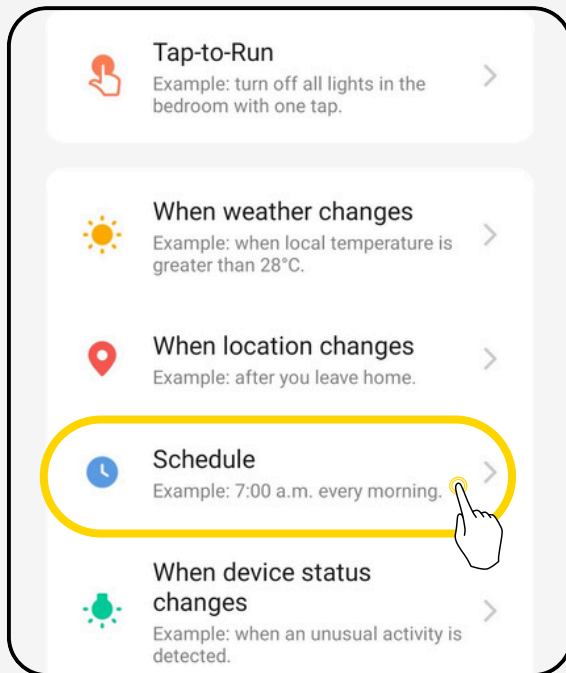
4. Tap [**Confirm**].

5. Under **Add Task**, select the desired task.

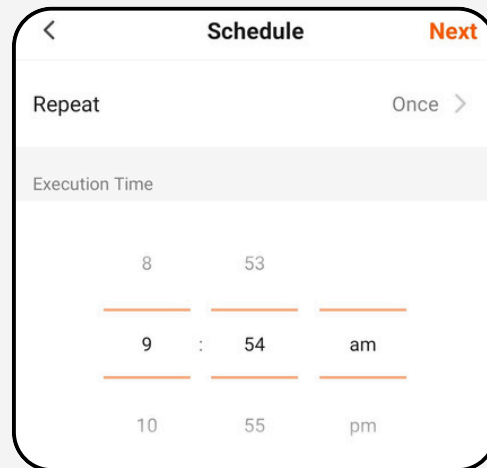
6. You can rename the scene by selecting the [**⌵**] icon.

7. Tap [**Save**] and the scene will be added.

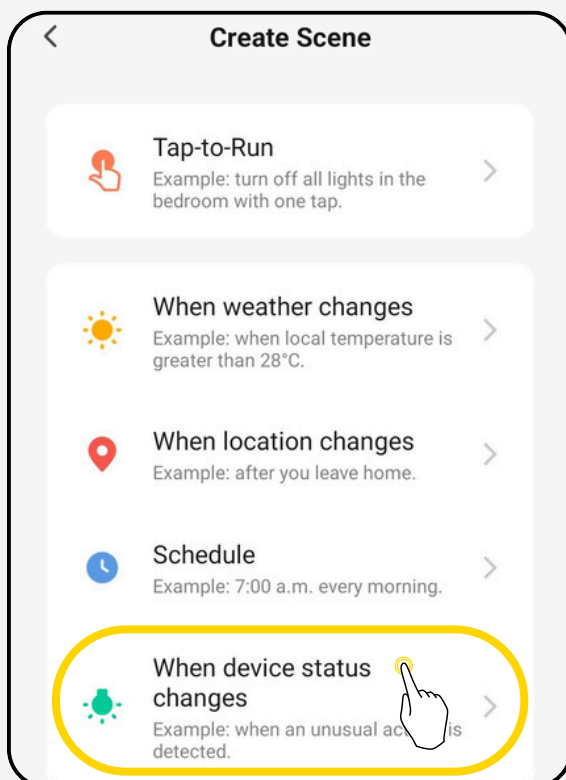
5. SCENE



Schedule: Set a repeated time schedule which will automatically activate when it reached the set time.



1. Tap on [**Repeat**] > Select which day of the week you wish for the device to activate.
2. Set the Execution time > Tap [**Next**].
3. Under **Add Task**, select the desired task.
4. You can rename the scene by selecting the [**↵**] icon.
5. Tap [**Save**] and the scene will be added.



When device status changes: Automatically trigger the automation when the status on a smart devices changes and notifies the system.

1. Tap on [**When device status changes**] and select the smart device.
2. In the **Select Function** page, adjust the settings based on your preference.

Note: In the Select Function page, all devices settings will differ according to its functions.

6. CONTACT US

Search for "Arks" in the App Store or Google Play, or scan the QR code below to download and install the App. Click "Register" to register a new account if this is your first time to use; if you already have an account, click "Login"

Scan the QR Code to download Arks by Konec Solutions App.



IOS



Android

Konec Solutions Pty Ltd

Please do not hesitate to contact us if you have any questions.



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