

EasyThings APP User Manual

Preparation

Before operating the APP, please first do preparation work as follows:

1. **Download EasyThings APP** from IOS APP Store or Android Google Play to your smart phone or tablet by searching “EasyThings”. (As shown in **Figure 1**)
2. **Enable Bluetooth** on your smart phone or tablet. (As shown in **Figure 2**)

Note: for Android users, please turn on “Location”, and the EasyThings APP must have the permission to access “Location” .

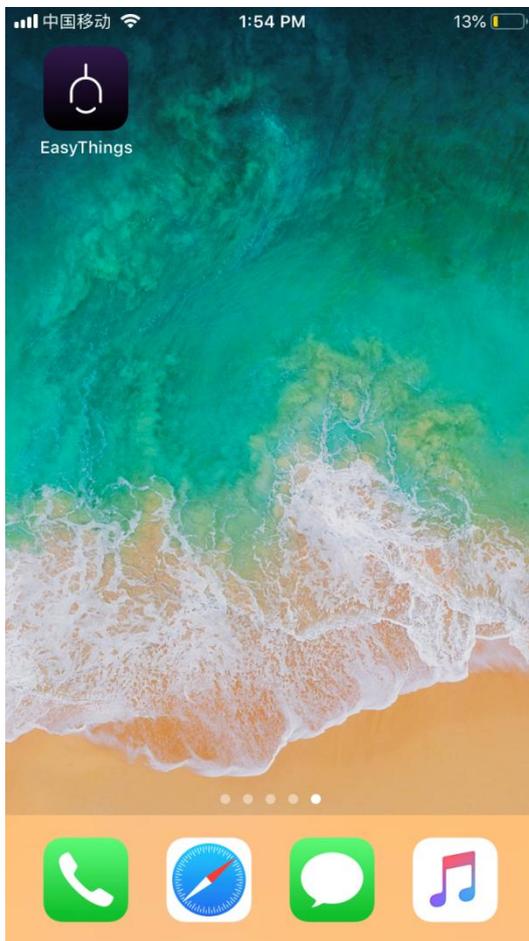


Figure 1

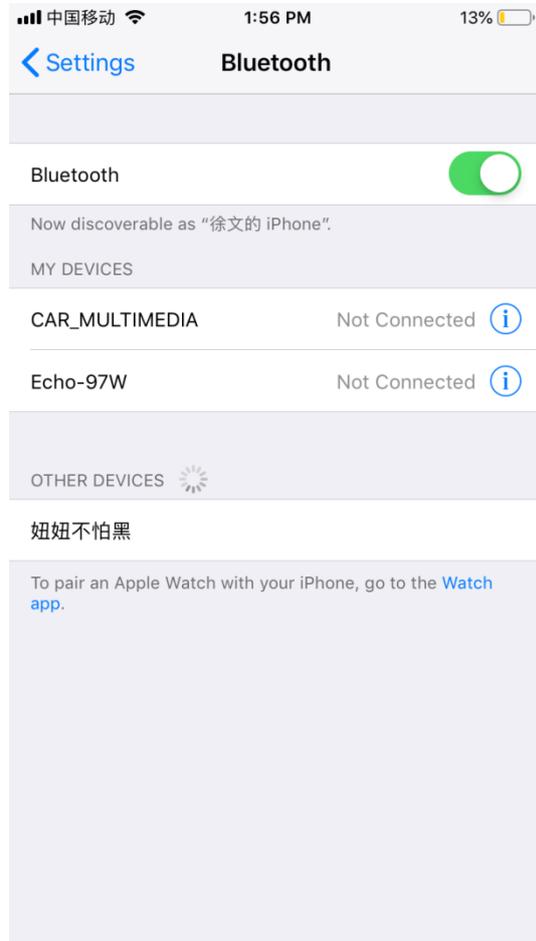


Figure 2

Operating tips & select your application environment:

1. Run EasyThings APP, you will see some operating tips, just slide leftward and then you can tick “Don’t show this again” and tap “Start”. (As shown in **Figure 3**)
2. Select your application environment, there are 4 application environments available: RESIDENTIAL, COMMERCIAL, RETAIL, HOSPITALITY. (As shown in **Figure 4**)

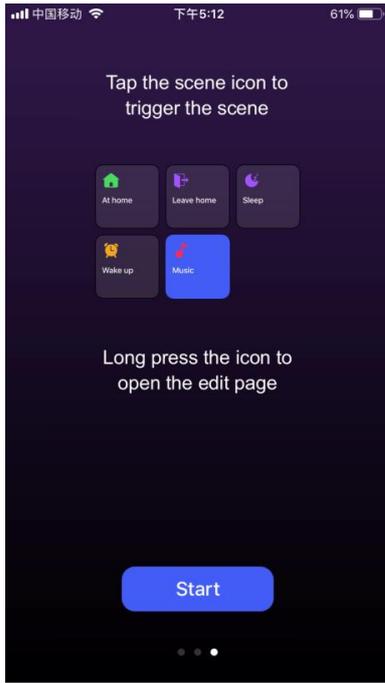


Figure 3

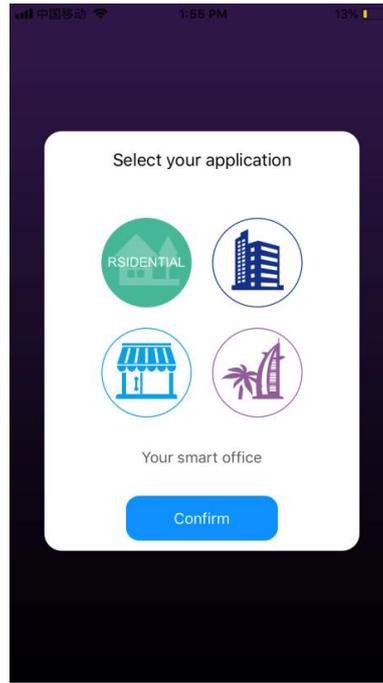


Figure 4

Add device by Discover devices:

1. Do wiring of the lighting device and power on it, please refer to its manual.
2. Tap add button “+” on EasyThings APP to add device, then choose “Discover devices” to discover device, then **short press the “Prog.” or “Reset” button on the device twice** (or **reset power of the device twice** continuously) to set the device into pairing to APP mode. (As shown in Figure 5 & Figure 6 & Figure 7)
3. Tap “Save” button, the device will be added successfully as shown in Figure 8.

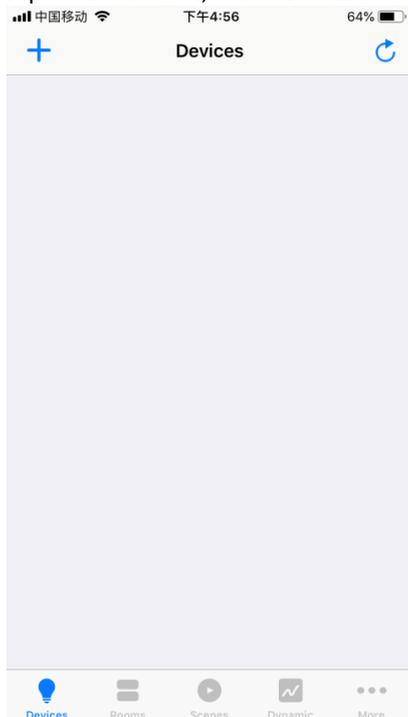


Figure 5

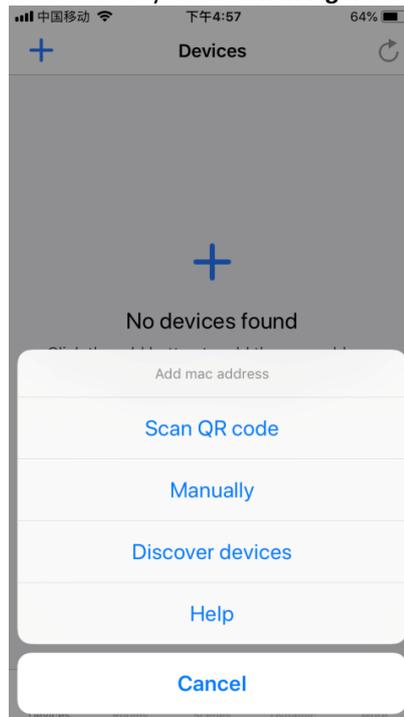


Figure 6

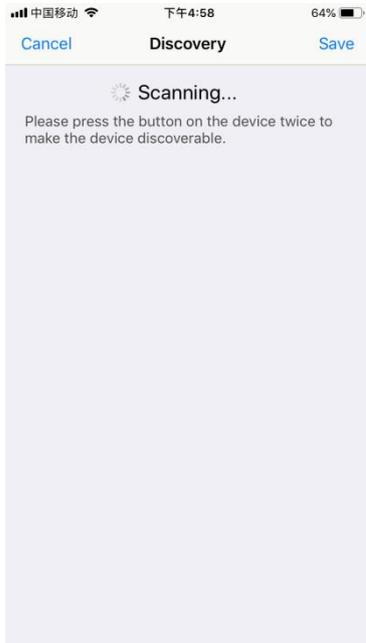


Figure 7

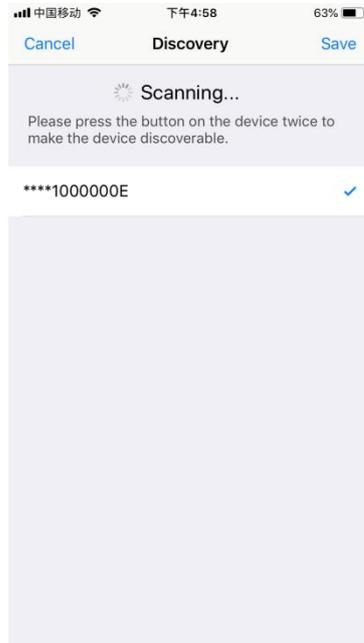


Figure 8

Control the added lighting devices:

1. The added devices will be shown on “Devices” interface, short press corresponding device icon to turn off/on the device, press and hold the icon to enter into control interface. (As shown in **Figure 9**)

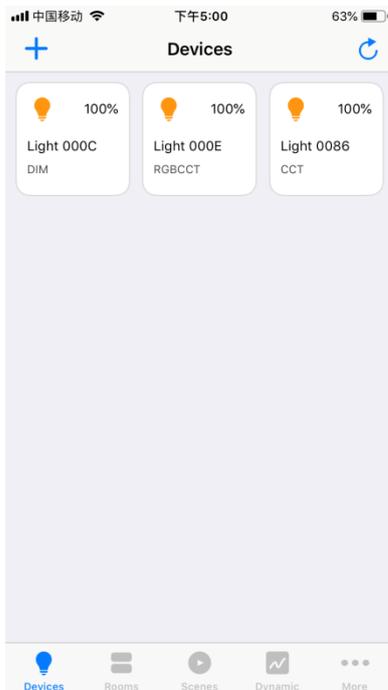


Figure 9

2. **DIM (Single Color) Device Control Interface**, tap “” to turn off/on, slide “” to increase/decrease brightness. (As shown in **Figure 10**)

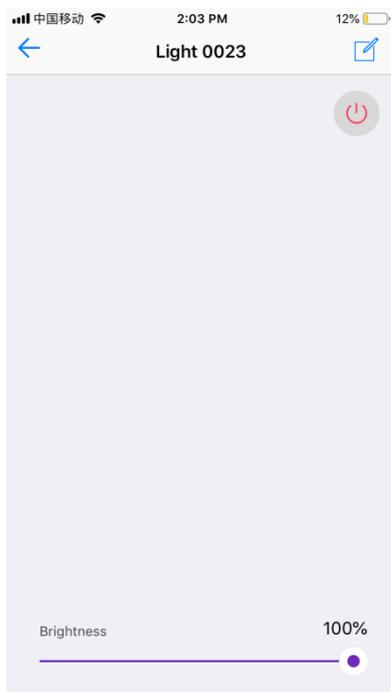


Figure 10

3. **CCT (Color Temperature) Device Control Interface**, touch the color wheel “” to adjust color temperature, slide “” to adjust brightness of selected color temperature. (As shown in **Figure 11**)

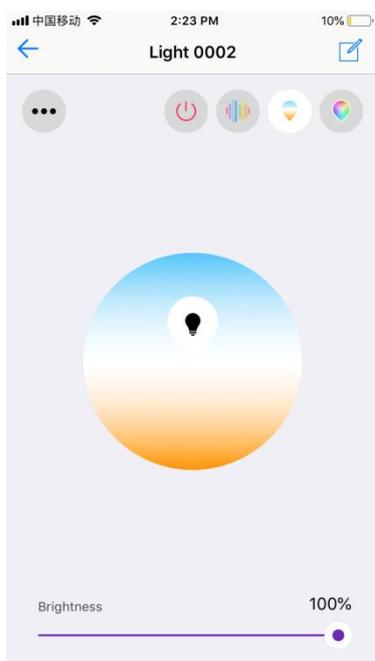
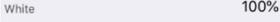
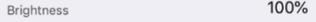


Figure 11

4. **RGBW Device Control Interface**, touch the color wheel “” to adjust W channel brightness, slide “” to adjust overall brightness of RGB. (As shown in **Figure 12**)

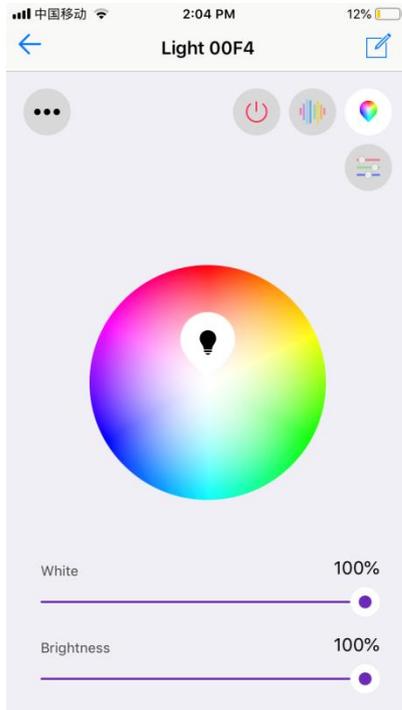


Figure 12

5. **RGB+CCT Device Control Interface**, RGB and CCT colors are controlled separately, default interface is RGB interface as shown in **Figure 13**, for control operations please refer to RGBW

Device Control Interface as shown in **Figure 12**. Tap “

Figure 13

Figure 14

Figure 15

Whether to turn off the other while control either RGB or CCT, for RGB+CCT devices, tap

“” at upper left corner on RGB control interface to enter into setting page, factory default status is “Not to turn off the other while control either RGB or CCT” (As shown in Figure 13 & 14). If you would like to turn off the other while control either RGB or CCT, please enable both two options (As shown in Figure 15).

- 6. **RGB Running Modes**, on RGBW or RGB interface, tap “” at upper right to enter into running modes control interface (As shown in Figure 16), there are 20 default preset running modes and programmable running modes with customizable colors (As shown in Figure 17).

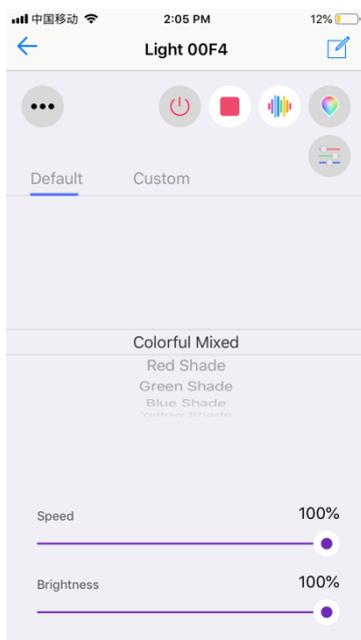


Figure 16

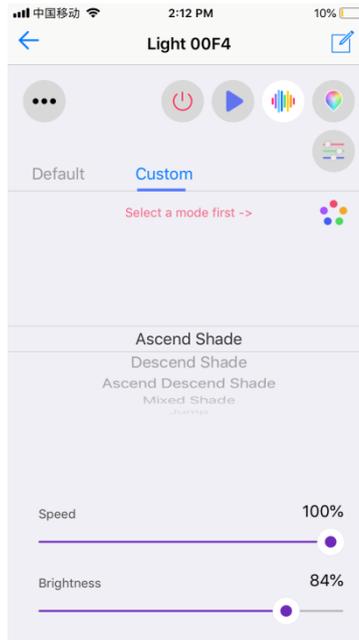


Figure 17

- 7. **Default Preset Running Modes**, tap “” at upper right to play a running mode, tap “” to

pause the mode, scroll down the modes list “” to select a mode, slide “” to speed up/down the mode, slide “” to increase/decrease brightness of the mode. (As shown in Figure 16)

8. Programmable Running Modes

- Tap “” to enter into programmable running modes (As shown in Figure 17), then tap “” to enter into add mode interface.
- Tap “” at upper right to add a mode (As shown in Figure 18), you can edit mode name and tap color dots “” to enter into color picker interface, max. 5 colors can be selected. (As shown in Figure 19 & Figure 20).
- Once a color is selected, tap “” at upper right to confirm (As shown in Figure 20).

- Once color selection and all settings are done, tap “ ✓ ” at upper right to confirm and the mode is added successfully (As shown in **Figure 21**).
- Tap the mode icon to enter into mode control interface, scroll down running modes list “ Jump ” to select a mode to run the selected colors in the added mode, tap “ ▶ ” at upper right to play the mode, tap “ ■ ” to pause the mode, slide “ Speed ” to speed up/down the mode, slide “ Brightness ” to increase/decrease brightness of the mode (As shown in **Figure 22**).

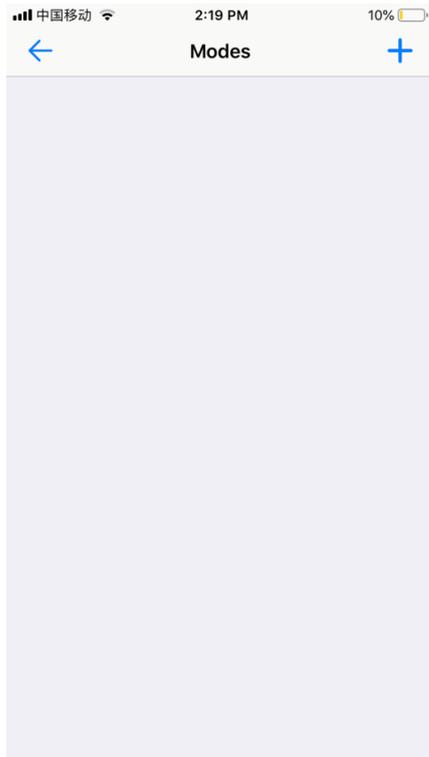


Figure 18

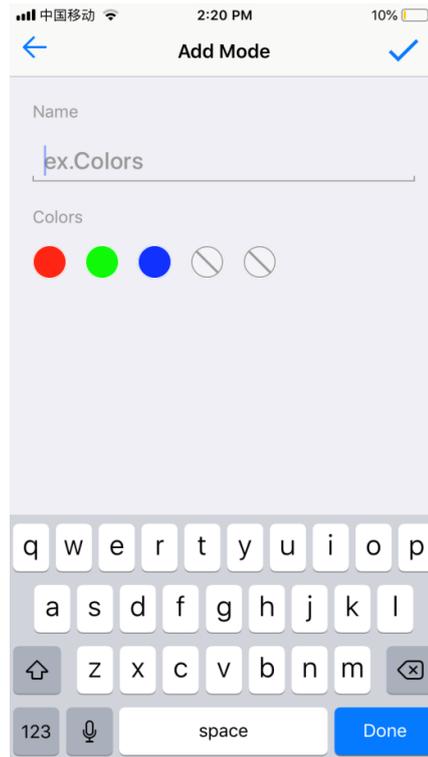


Figure 19

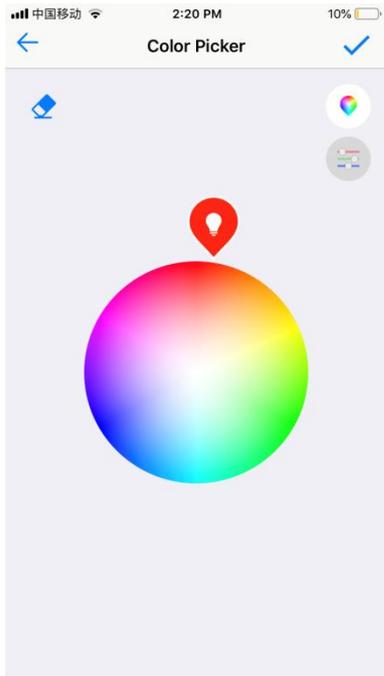


Figure 20

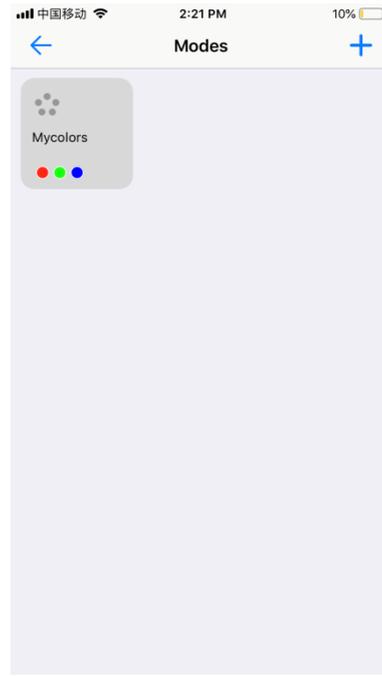


Figure 21

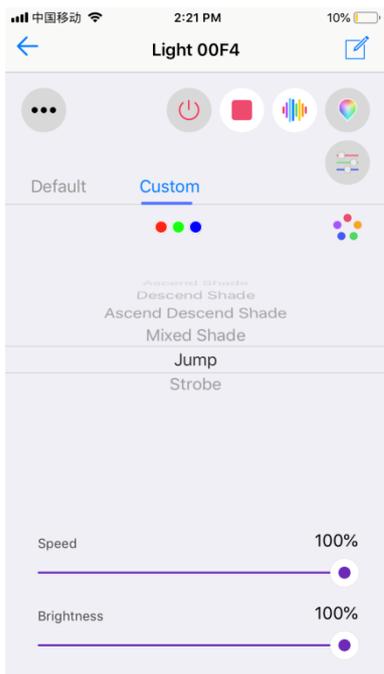


Figure 22

9. **Separate Control of RGB Channels**, tap “” on RGBW or RGB control interface to enter into separate control interface of RGB channels, each channel’s intensity can be adjustable between 0-255 (As shown in **Figure 23 & Figure 24**)

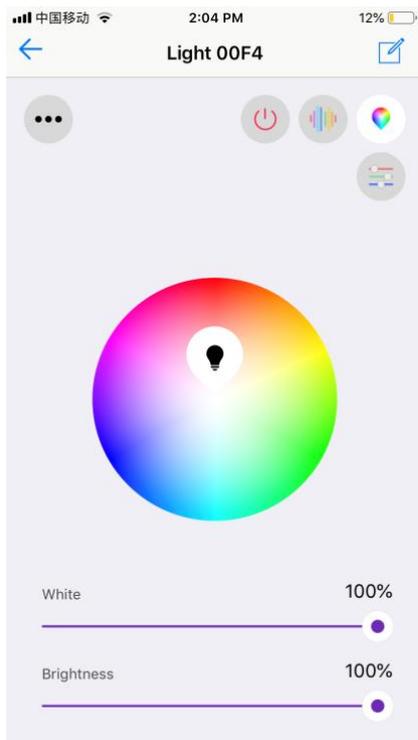


Figure 23

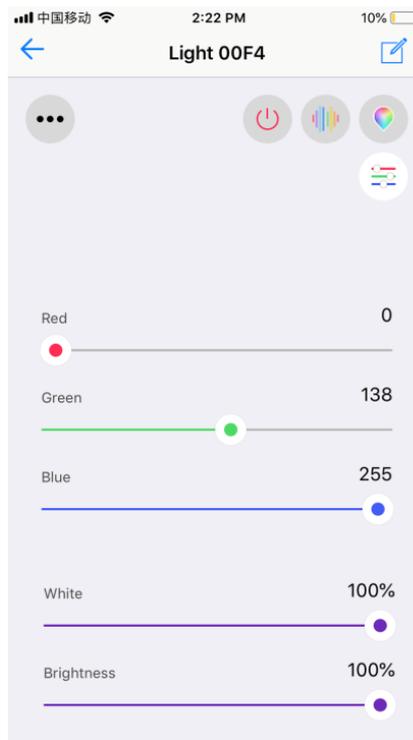


Figure 24

Edit added devices:

1. Press and hold a device icon to enter into control interface, then tap button “” at upper right corner to enter into edit page of this device (As shown in **Figure 25 & Figure 26**).

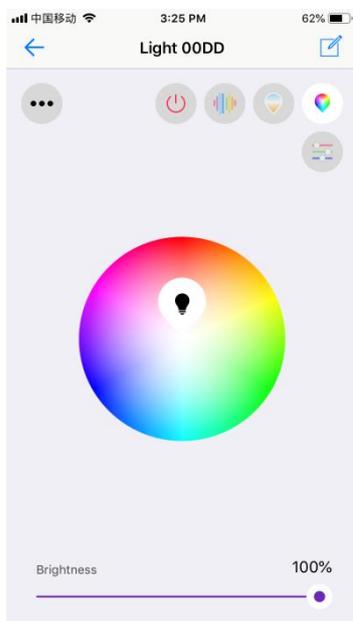


Figure 25

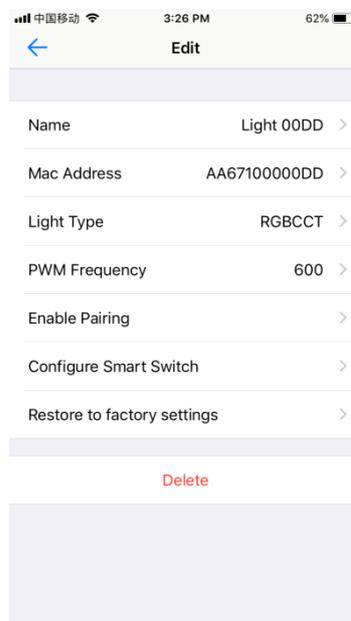


Figure 26

2. **Name** is the device’s name, default name is the last 4 characters of the device mac address, you can tap the default name to enter into name edit page and change the name, then tap “” at upper right corner to save the change. **Mac Address** is the device’s mac address, this should not be modified.

Light type is the device's light type, which can be configured as follows: 5 channels LED controller or driver devices can be configured as: RGB+CCT, RGBW, RGB, CCT, DIM, ON/OFF. 4 channels LED controller or driver devices can be configured as: RGBW, RGB, CCT, DIM, ON/OFF. 2 channels LED driver or controller devices can be configured as: CCT, DIM, ON/OFF. 1 channel LED driver or dimmer devices can be configured as: DIM, ON/OFF.

- PWM frequency** is the device's output PWM frequency. It can be set from 500Hz-10000Hz. Factory default is 600Hz. Tap "**PWM frequency**" to enter into setting page, then input a value, then tap "✓" button at upper right corner to save the change (As shown in **Figure 27** **Figure 28**).

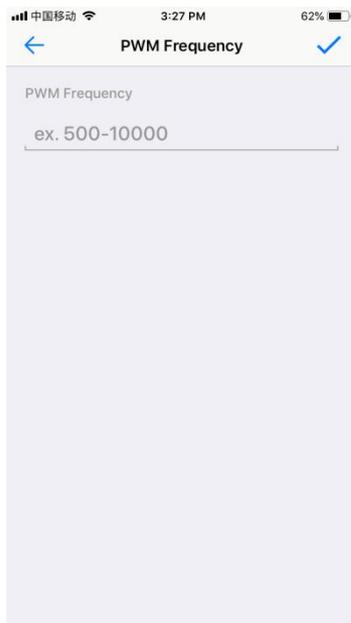


Figure 27

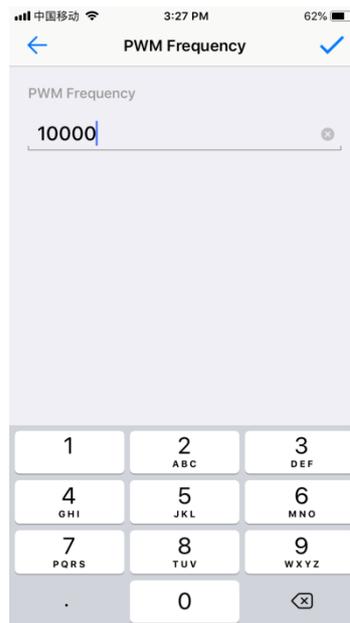


Figure 28

- Enable pairing** is the function that enables the device to start pairing mode to a remote switch in the event that the "Prog" or "Reset" button is not accessible (no need to short press the "Prog" or "Reset" button). Tap "**Enable pairing**", the device will enter pairing mode for 5 seconds, within the period, operate the remote switch to pair it to the device, please refer to the manual of corresponding remote switch to learn how (As shown in **Figure 29**).

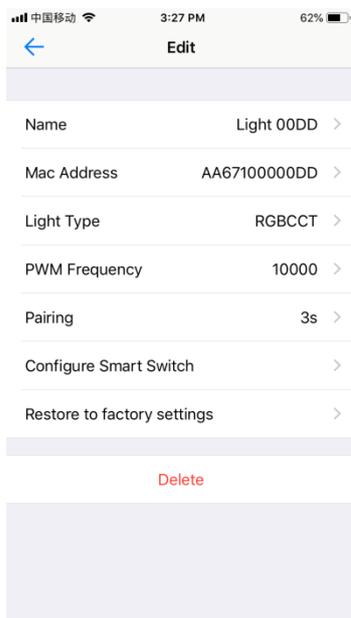


Figure 29

5. **Configure Smart Switch** is the function that enables the user to configure the function each individual button of a configurable smart switch after the switch is linked to the app. Tap **“Configure Smart Switch”** to enter into configuration page (As shown in **Figure 29**).

“Link Switch” is the 1st step to configure a smart switch, tap **“Link Switch”** (As shown in **Figure 30**), then choose **“Number of Buttons”** according to the switch you would like to configure, 1/2/4 means 1-button/2-button/4-button switch respectively, here we take a 4-button switch as an example, tick and select 4. **“Select Button”** is to select a button you would like to link, tick and select a button. Then tap the scan button “

“Custom Switch Action” is to configure the function of a linked switch, tap **“Custom Switch Action”** to enter into setting page of a linked switch. (As shown in **Figure 32**).

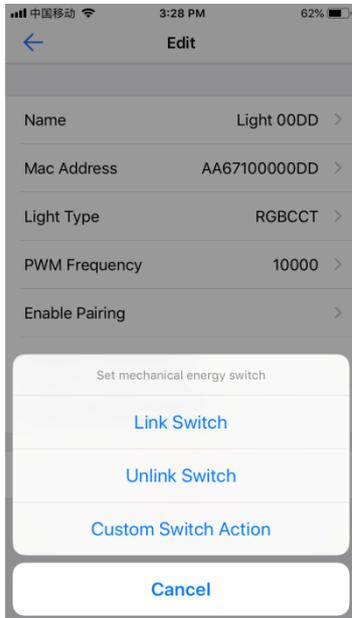


Figure 30

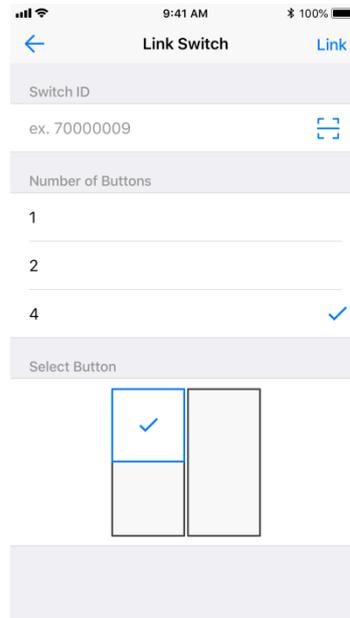


Figure 31

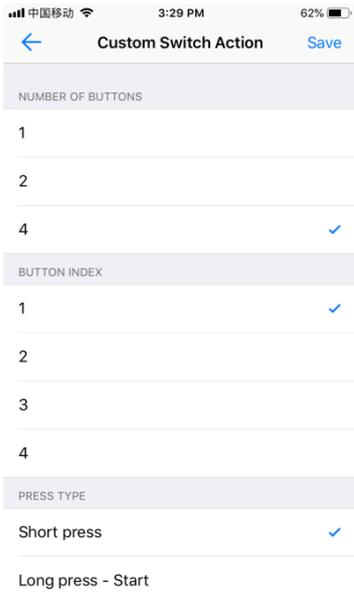


Figure 32

6. **“NUMBER OF BUTTONS”** is to choose the switch type (1/2/4 means 1-button/2-button/4-button) according to the switch you linked to the app (As shown in **Figure 32**). **“BUTTON INDEX”** is to choose a button that you would like to configure on the switch (As shown in **Figure 32**). **“PRESS TYPE”** is to choose an operation of the button for example **“Short press”** (As shown in **Figure 32**). After choosing an operation, then available functions can be triggered by the operation will be listed, tap to choose a function that you would like to assign to the operation (As shown in **Figure 33 & Figure 34**).

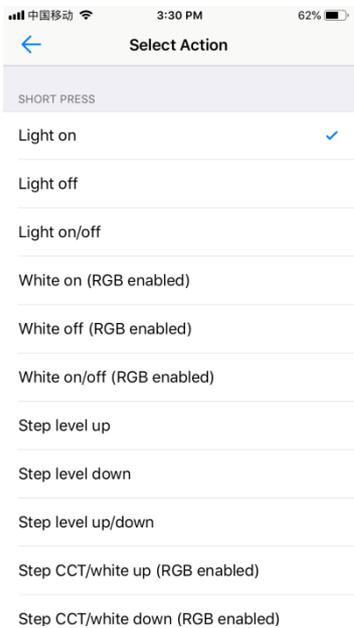


Figure 33

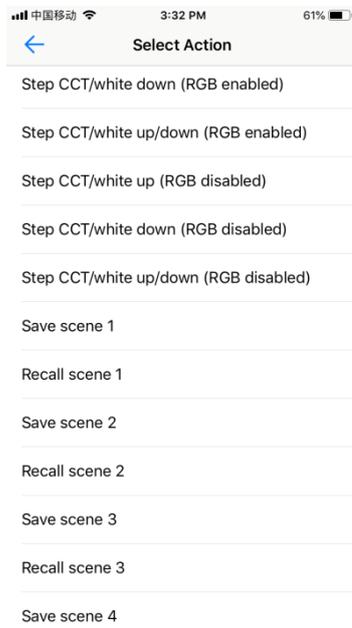


Figure 34

7. After choosing a function for the operation, the interface will go back to Custom Switch Action, tap **“Save”** button at upper right corner to save the configuration (As shown in **Figure 35**). You can configure all buttons of the switch one by one.

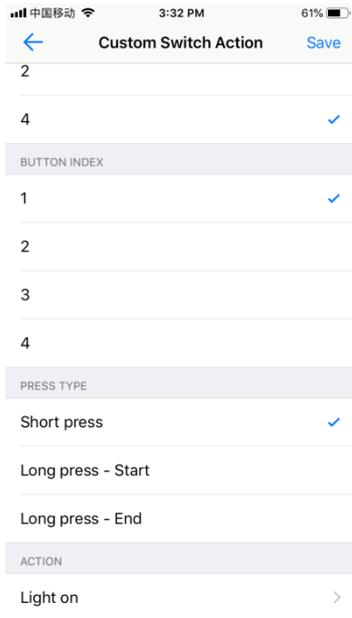


Figure 35

8. **Restore to factory default settings** is to restore all settings of the light device to factory default (As shown in **Figure 36 & Figure 37**). **Delete** is to delete pairing of the device to the APP (As shown in **Figure 36 & Figure 38**).

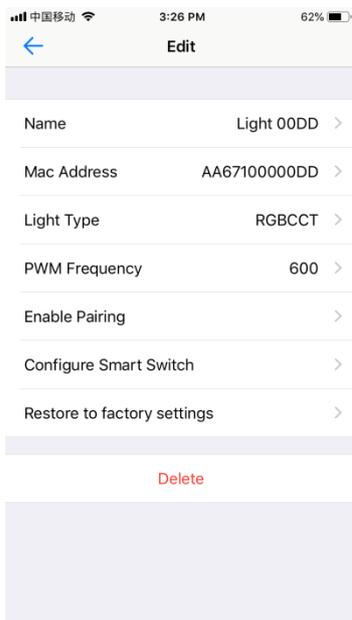


Figure 36

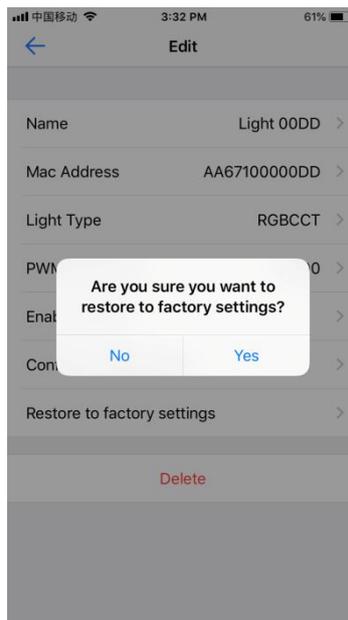


Figure 37

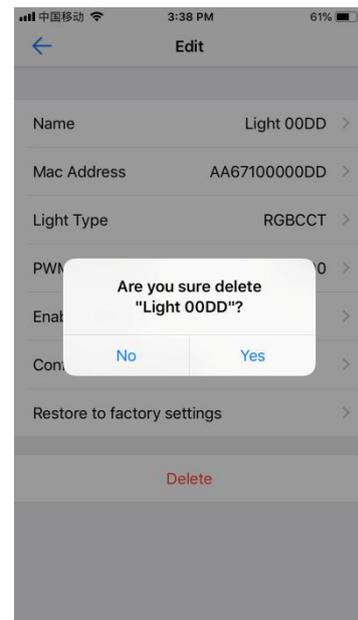


Figure 38

Set up a room and assign lighting devices into the room:

- Tap “ Rooms” at the bottom of home interface to enter into room interface, then tap “” at upper right of room interface to add a room (As shown in **Figure 39**).

- Once a room is added, input a room name. Tick the devices “” to assign them to the room, then tap “” on the upper right corner to save the setting. (As shown in **Figure 40**).
- Once all settings are done, a room is set up and devices are assigned into it, tap “” to turn off/on all devices in the room. Press and hold the room picture to enter into the room and control each individual device in the room (As shown in **Figure 41 & Figure 42**).

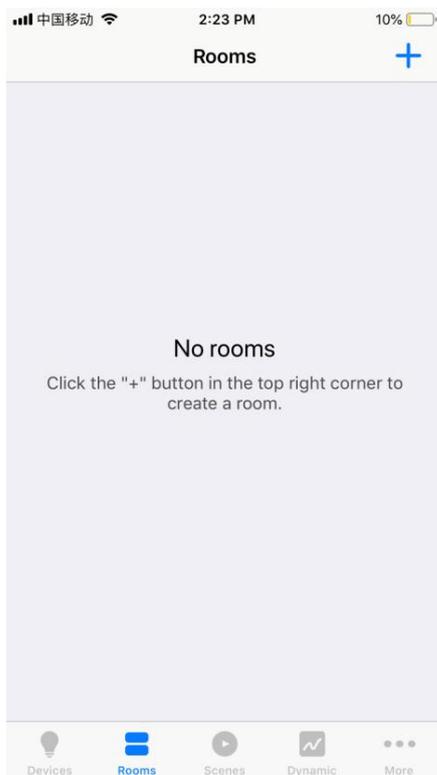


Figure 39

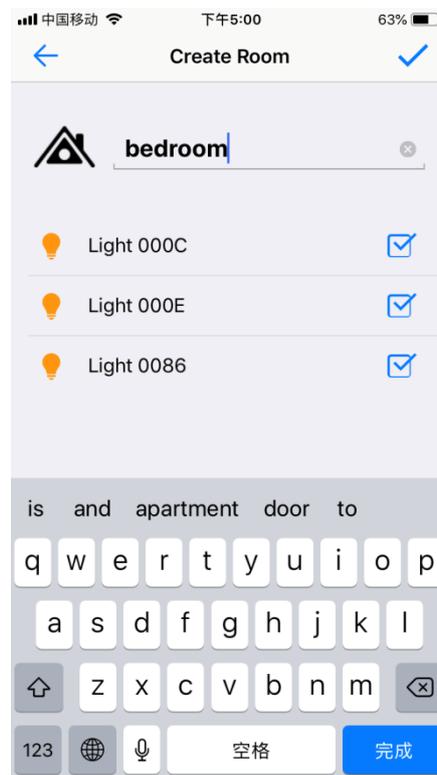


Figure 40

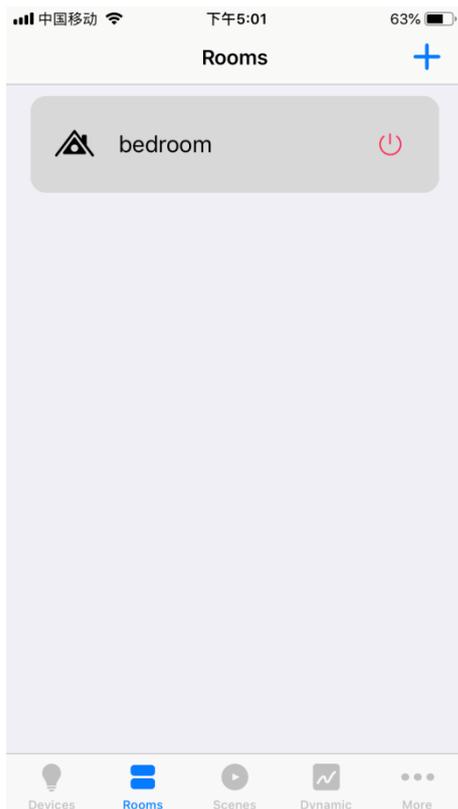


Figure 41

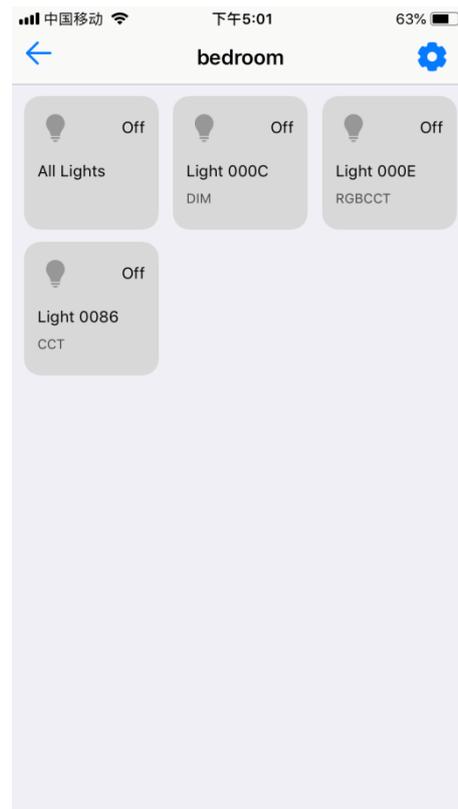
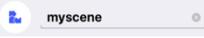


Figure 42

Save & Recall a Scene:

- Tap  at the bottom of home interface to enter into scene interface, then tap  at upper right of scene interface to add a scene (As shown in **Figure 43**).
- Once a scene is added, tap scene name  to edit scene name. Tick the devices  to select which devices you would like to create a scene for. Tap  after each device name to enter into control interface of corresponding device and select brightness, color, running mode you would like to save to the scene (As shown in **Figure 44**).
- On the control interface of each device, tap  button to set a delay time, when the scene is recalled, the device will fade to the scene with the set delay time. Then tap button  on upper right to save the settings. (As shown in **Figure 45 & Figure 46**).

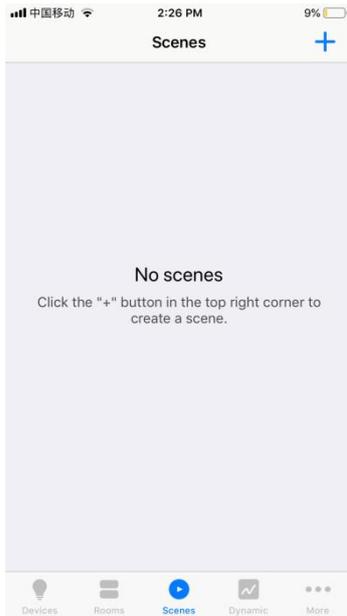


Figure 43

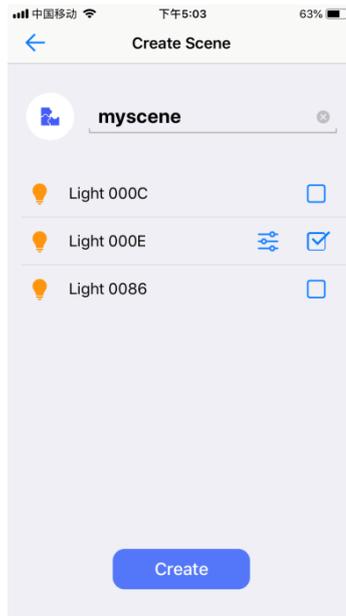


Figure 44



Figure 45

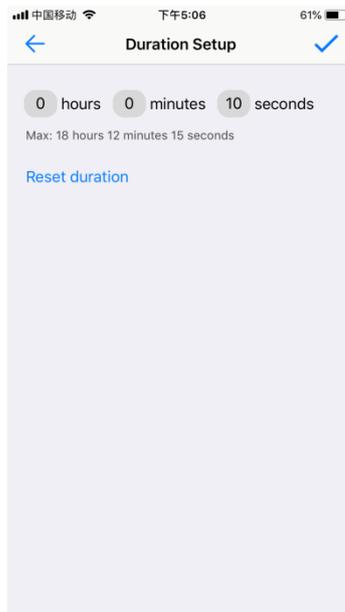


Figure 46

- Once a scene is created, tap the scene name to recall it, if a delay time is set for the scene, the devices will fade to the scene with the set delay time. (As shown in **Figure 47**).

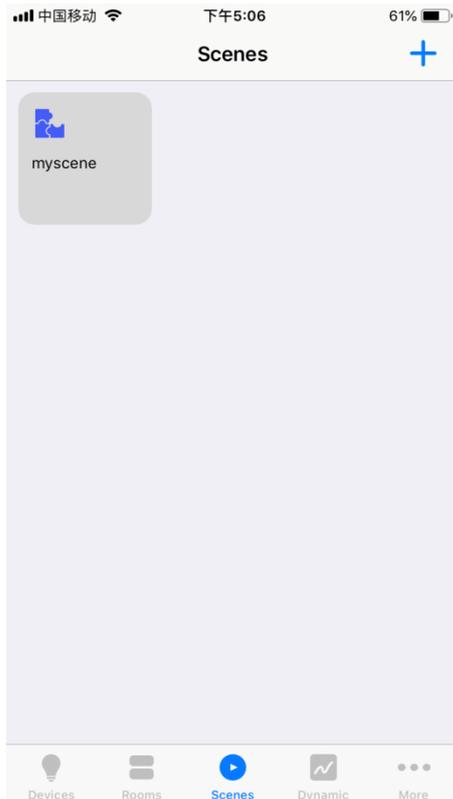


Figure 47

Dynamic (Dynamic Fading of Colors & Brightnesses)

Previous Dynamic Interface for Light Devices with Old Firmware

-  Tap “Dynamic” at the bottom of home interface to enter into dynamic interface, this dynamic interface is previous interface, which is only valid for the lighting devices with old firmware.
- Tap a device name “Light 0023” or a room name to select a device or room that you would like to create dynamic for (As shown in **Figure 48**).
- Once enter into dynamic setting interface, tap “Add Action” to add an action. (As shown in **Figure 49**).
- On action setting interface, scroll down “10 39” to set scheduled time for the action. Tap “Brightness 100%” to set brightness. Tap “Color” to set RGB color. Tap “CT Enabled” to enable or disable color temperature. Tap “Color Temperature 100” to set color temperature value which can be set from 0 to 100, 0 is 100% warm white, 100 is 100% cool white. Tap “Done” at upper right to complete the setting. (As shown in **Figure 50**).

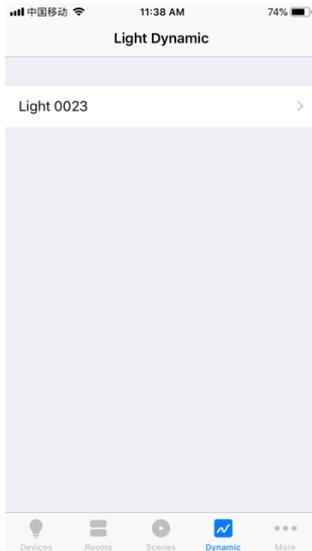


Figure 48

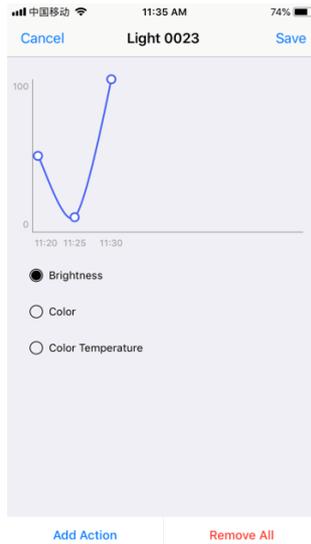


Figure 49

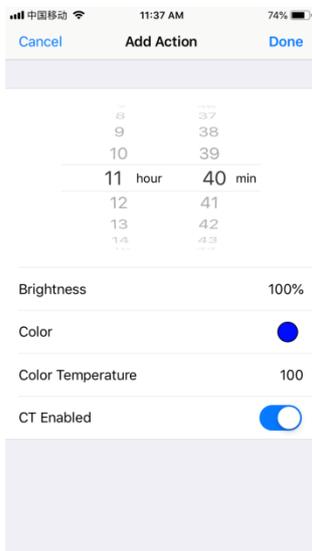


Figure 50

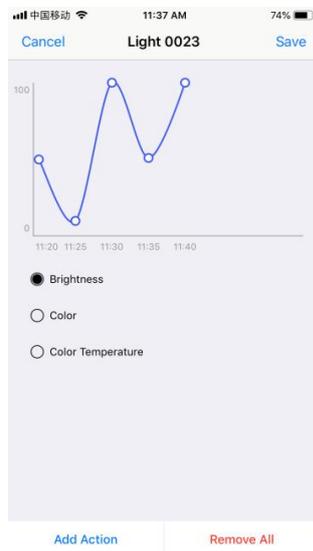


Figure 51

- Once an action is added, tap “Save” at upper right to save the action, the device will flash to indicate successful saving (As shown in **Figure 51**).
- Repeat above steps to set next action and more, the recommended time interval between every two neighbor actions is more than 2 minutes (As shown in **Figure 51**).
- If you would like to remove the added actions, just tap “Remove All” at the bottom (As shown in **Figure 51**).

Note: If the actions can not be saved after tapping the “Save” button, it means that the lighting device is with new firmware, please switch to the “Upgraded Dynamic Interface” to create dynamic for this device.

Upgraded Dynamic Interface for Light Devices with New Firmware

- Tap “ **Upgraded** ” at the upper right corner of the previous dynamic interface to switch to upgraded dynamic interface, which is only valid for the lighting devices with new firmware (As shown in **Figure 52**).

- Tap a device name “ Light 0008 ” > “ ” to select a device that you would like to create dynamic for (As shown in **Figure 52**).
- **Once enter into dynamic setting interface, we can see two kinds of dynamic: Time and Duration. Time dynamic is created and fading based on detailed clock times of a day, there are total 4 time dynamic can be created. Duration dynamic is created and fading based on fading duration between every 2 neighbor actions, there are total 8 duration dynamic can be created. (As shown in Figure 53).**
- **Create a Time dynamic:** select a dynamic (1-4) and tap “ ⓘ ” to enter into time dynamic setting page, for example dynamic 1. We can see the overview interface of dynamic 1, tap “ **Add Action** ” at the bottom of the interface to add an action (As shown in **Figure 54**). On action setting interface, scroll down “ 16 hour 38 min ” to set scheduled time for the action. Tap “ Brightness 0% ” to set brightness. Tap “ Color ” to set RGB color. Tap “ Color Temperature 0 ” to set color temperature value which can be set from 0 to 100, 0 is 100% warm white, 100 is 100% cool white. Tap “ CT Enabled ” to enable or disable color temperature. Tap “ Done ” at upper right to complete the setting. (As shown in **Figure 55, Figure 56, Figure 57, Figure 58, Figure 59**).
- Once an action is added, tap “Save” at upper right to save the action, the device will flash to indicate successful saving (As shown in **Figure 60**).
- Repeat above steps to set next action and more, the recommended time interval between every two neighbor actions is more than 2 minutes (As shown in **Figure 60**).
- If you would like to remove the added actions, just tap “Remove All” at the bottom (As shown in **Figure 60**).
- The dynamic name can be edit by tapping “Rename” as shown in **Figure 60**, input the name you would like and tap “ ✓ ” at the upper right corner to save the name as shown in **Figure 61**.

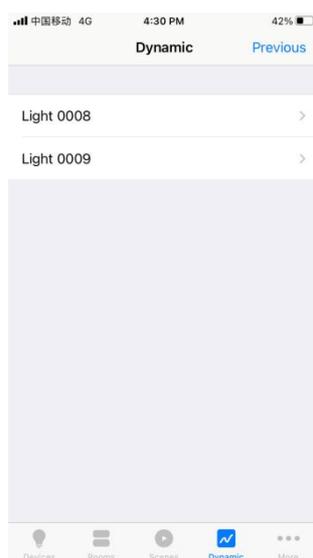


Figure 52

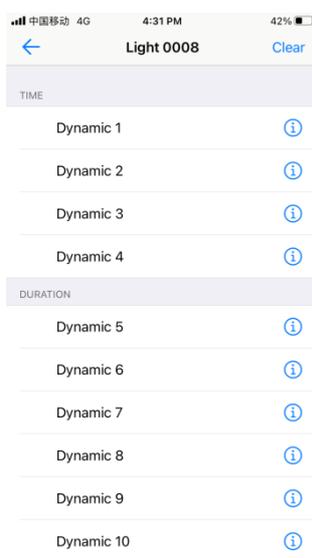


Figure 53

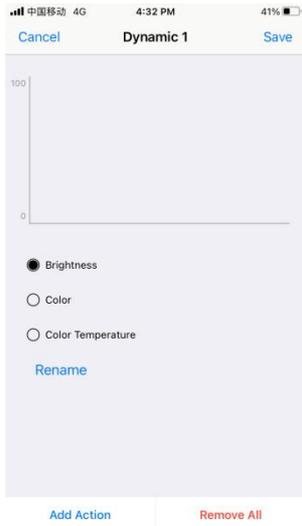


Figure 54

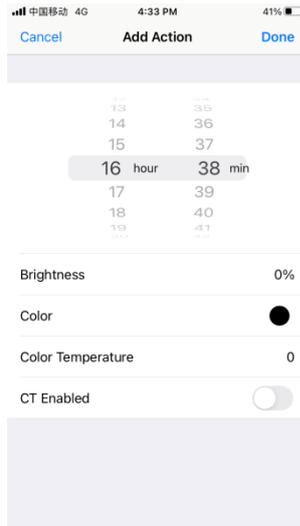


Figure 55

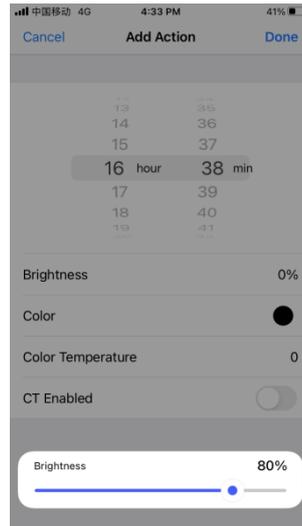


Figure 56

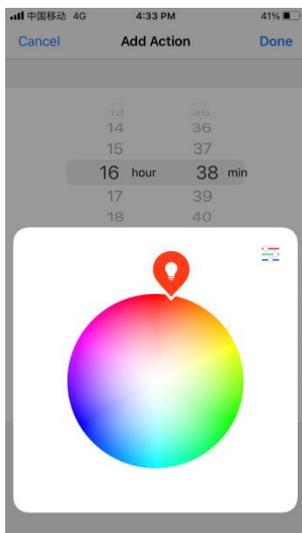


Figure 57

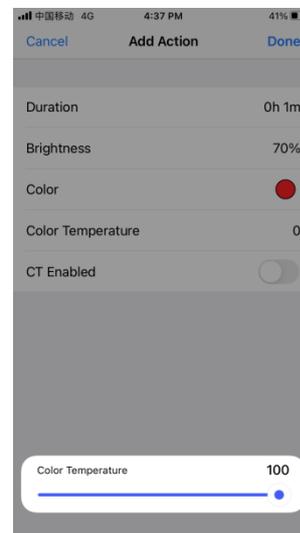


Figure 58

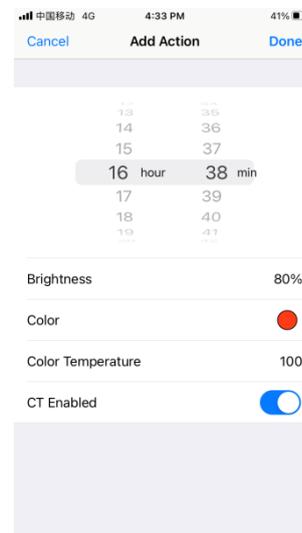


Figure 59



Figure 60

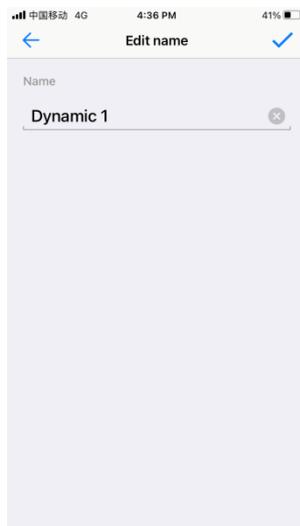


Figure 61

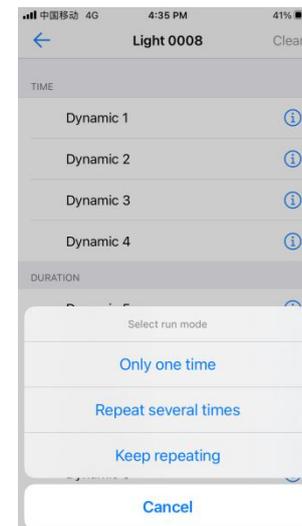


Figure 62

- Once a time dynamic is created successfully, tap the dynamic name “ *Dynamic 1* ” to execute it, there will be 3 different choices of frequency to run the dynamic: “Only one time”, “Repeat several times”, “Keep repeating”. “Only one time” means to run the dynamic only one time on current date, “Repeat several times” means to run the dynamic several times on several days, one time per day, you have to input the number of times. “Keep repeating” means to run the dynamic every day, one time per day. (As shown in **Figure 62**)
- **Create a Duration dynamic:** select a dynamic (5-12) and tap “  ” to enter into duration dynamic setting page, for example dynamic 5. We can see the overview interface of dynamic 5, tap “ **Add Action** ” at the bottom of the interface to add an action (As shown in **Figure 65**). On action setting interface, input the fading duration “ 0 hours 1 minutes ” to set the fade time, this fade time will start from the time when the dynamic is executed, and the status of the device will fade from the status when the dynamic is executed to the status of the set action. Tap “ **Brightness 0%** ” to set brightness. Tap “ **Color** ” to set RGB color. Tap “ **Color Temperature 0** ” to set color temperature value which can be set from 0 to 100, 0 is 100% warm white, 100 is 100% cool white. Tap “ **CT Enabled** ” to enable or disable color temperature. Tap “ **Done** ” at upper right to complete the setting. (As shown in **Figure 66**, **Figure 67**, **Figure 68**, **Figure 69**, **Figure 70**).



Figure 63

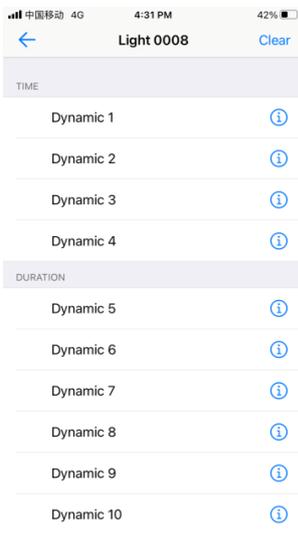


Figure 64

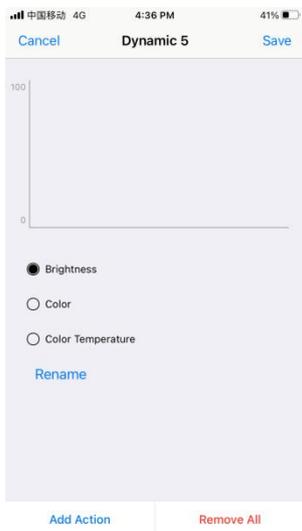


Figure 65

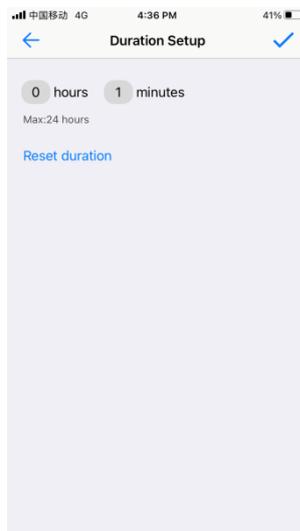


Figure 66

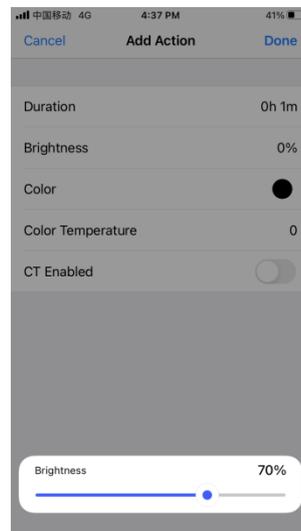


Figure 67



Figure 68

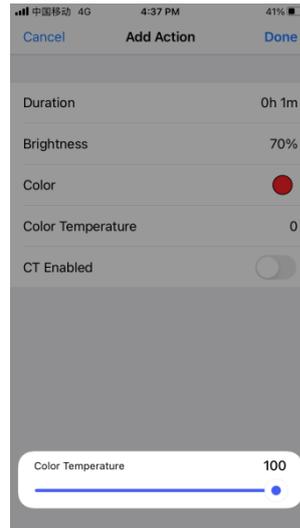


Figure 69

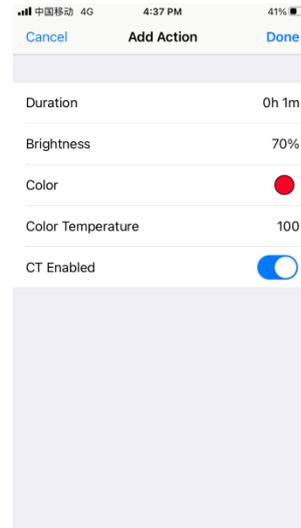


Figure 70

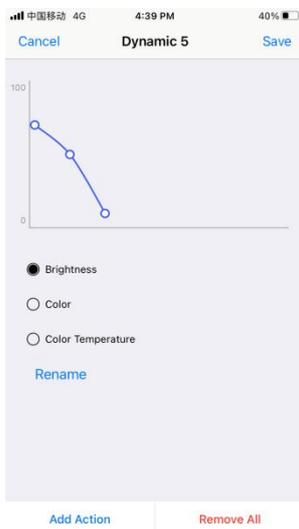


Figure 71

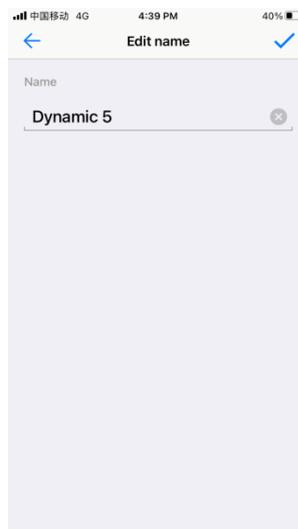


Figure 72

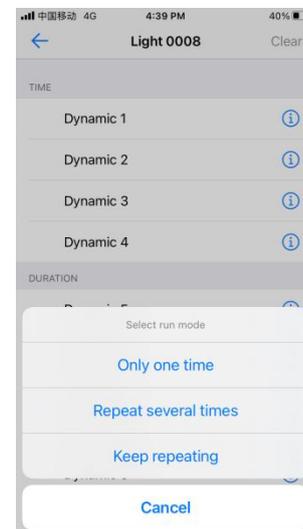


Figure 73

- Once an action is added, tap “Save” at upper right to save the action, the device will flash to indicate successful saving (As shown in **Figure 71**).
- Repeat above steps to set next action and more, the duration of 2nd action means the fade time from the 1st action to the 2nd action, then the duration for all added actions means fade time from previous action to the currently set action (As shown in **Figure 71**).
- If you would like to remove the added actions, just tap “Remove All” at the bottom (As shown in **Figure 71**).
- The dynamic name can be edit by tapping “Rename” as shown in **Figure 71**, input the name you would like and tap “✓” at the upper right corner to save the name as shown in **Figure 72**.
- Once a duration dynamic is created successfully, tap the dynamic name “ Dynamic 5 ” to execute it, there will be 3 different choices of frequency to run the dynamic: “Only one time”, “Repeat several times”, “Keep repeating”. “Only one time” means to run the dynamic only one time, “Repeat several times” means to run the dynamic several times continuously, you have to input the number of times. “Keep repeating” means to run the dynamic repeatedly and continuously. (As shown in **Figure 73**)

Scheduling (Set a Scheduled Event)

- Tap “  ” at the bottom of home interface then tap “  Scheduling  ” to enter into scheduling setting interface. Tap “  ” to create a scheduling (As shown in **Figure 74** & **Figure 75**).

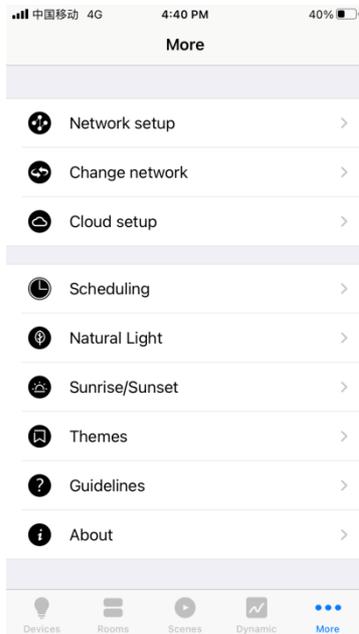


Figure 74

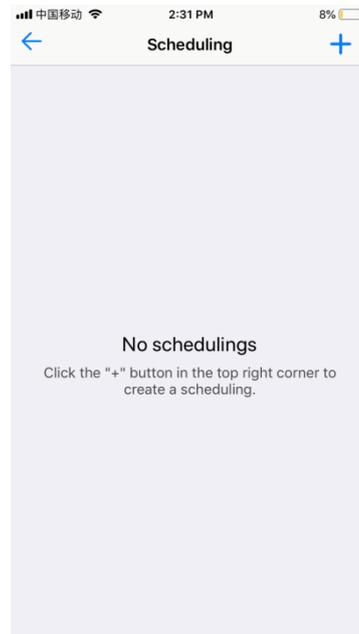


Figure 75

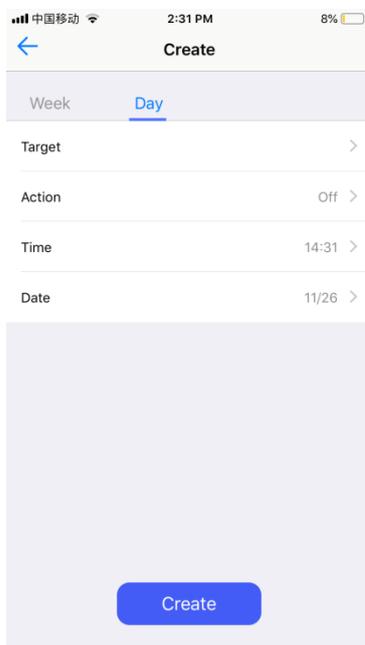


Figure 76

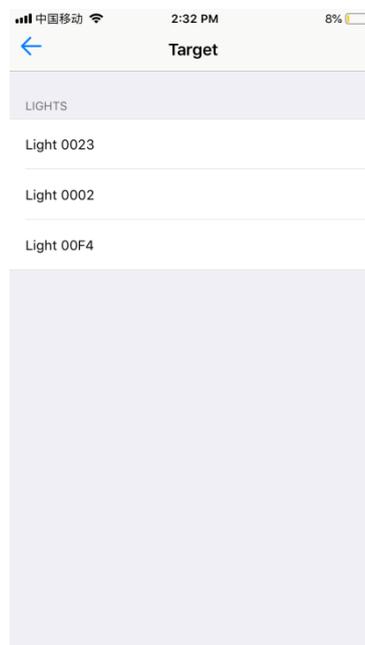


Figure 77

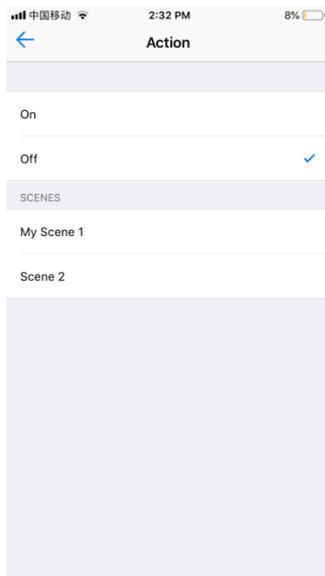


Figure 78

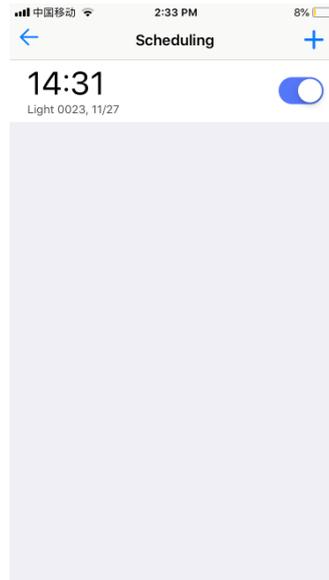


Figure 79

- On scheduling create interface, tap “Week” or “Day” to select frequency that the scheduling will be triggered. Tap “ Target ” to select a device that you would like to create scheduling for. Tap “ Action ” to select the action (on, off and created scenes available to choose). Tap “ Time ” to set the triggered time of the scheduling. Tap “ Date ” to select the date to trigger the scheduling (As shown in **Figure 76 & Figure 77 & Figure 78**).
- Once the scheduling is set, tap “  ” to save it (As shown in **Figure 76 & Figure 79**).

Natural Light (Human Centric Lighting)

- **Natural light is the function of Human Centric Lighting that mimics the color temperature and brightness change of natural light during 24 hours of a day. This function is designed for the color temperature light devices.**

- Tap “  ” at the bottom of home interface then tap “  Natural Light > ” to enter into Natural Light setting interface. Tap a light name “ Light 0008 ” to select a device that you would like to create Human Centric Lighting for. (As shown in **Figure 80 & Figure 81**).

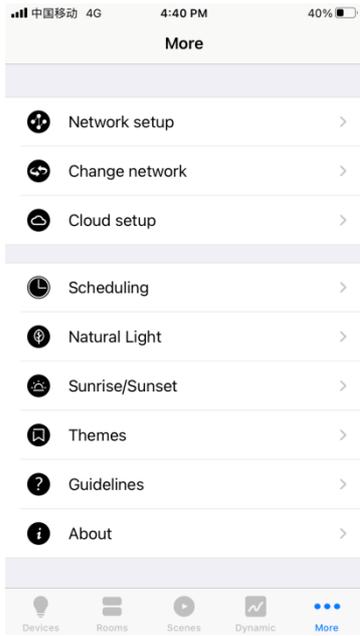


Figure 80

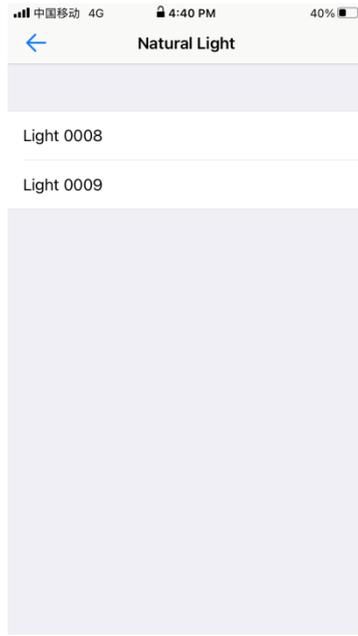


Figure 81

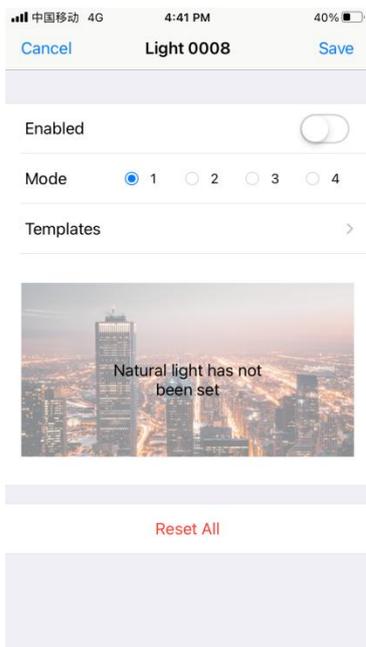


Figure 82

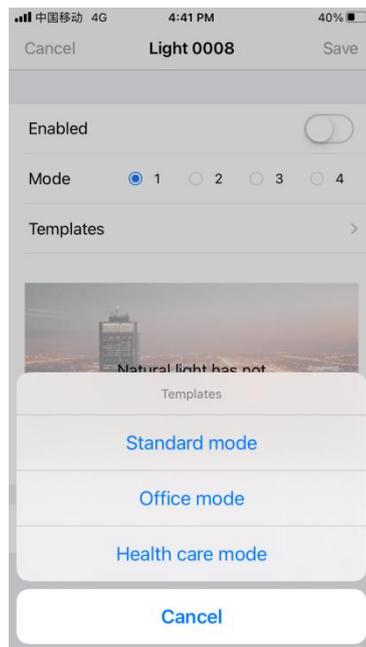


Figure 83

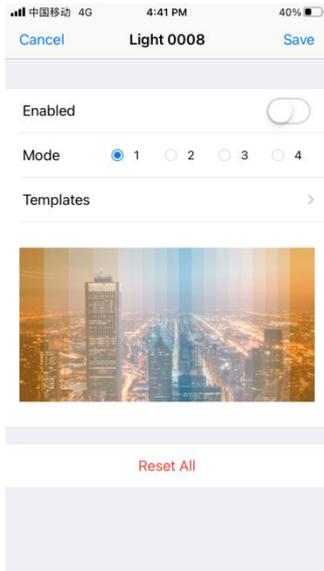


Figure 84

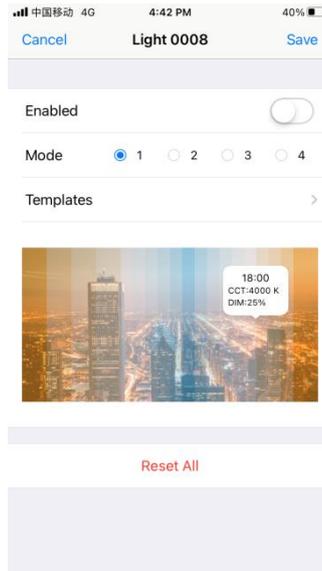


Figure 85

- On Natural Light setting interface, there are 4 modes which mean 4 Human Centric Lighting effects can be created. Tap “1/2/3/4” to select the mode number you would like to set, for example mode 1 (As shown in **Figure 82**). Tap “Templates”, a window will pop up, there are 3 templates can be selected, tap a template name to import a template, for example “Standard mode” (As shown in **Figure 83**).
- After importing the template, the picture under “Template” will change to selected mode and mimic the 24 hours color temperature and brightness change (As shown in **Figure 84**). Tap the picture, you can see the preset color temperature and brightness value of every hours (As shown in **Figure 85**).
- Tap the displayed preset color temperature and brightness value to enter into edit interface which allows you edit the value if you do not think it is suitable for the application environment (As shown in **Figure 86**). After all values are set, enable the mode “ Enabled  ” and tap “Save” at the upper right corner to save the mode (As shown in **Figure 87**).

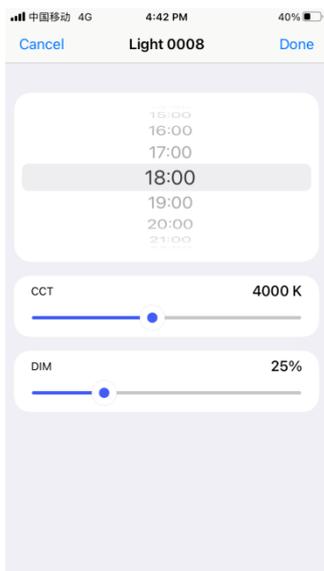


Figure 86

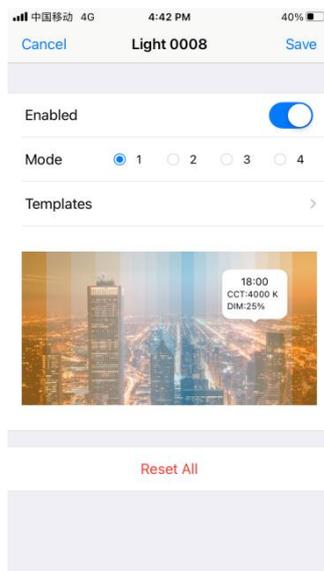


Figure 87

Note: once a mode is enabled, the light device will start to execute the human centric lighting, each time only one mode can be enabled, the current enabled mode will disable the previously enabled Natural Light mode or executed Dynamic since Natural Light is also a part of “Dynamic”.

Note: “Reset All” (As shown in Figure 87) will clear all configured Natural Light modes and Dynamic created in the part “Dynamic” since Natural Light is also a part of “Dynamic”.

Sunrise/Sunset

- Tap “ More” at the bottom of home interface then tap “ Sunrise/Sunset > ” to enter into Sunrise/Sunset setting interface, tap to choose a light device that you would like to set Sunrise/Sunset for, then you can enter detailed setting interface (As shown in **Figure 88 & Figure 89 & Figure 90**).
- “**Type**” is the action type of the Sunrise/Sunset, it can be On/Off, Custom or Scene, factory default is On/Off (As shown in **Figure 91**). **Disabled** means the Sunrise/Sunset is disabled by factory default, you can enable it by dial the switch rightward. **Off** means the factory default action of the Sunrise/Sunset is Off if the action type is On/Off, you can change the action to On by dial the switch rightward. **Duration** means the fade time that the light device fade from the status it is at the local Sunrise/Sunset time to the set Sunrise/Sunset action, factory default duration is 0s which means no fade time.

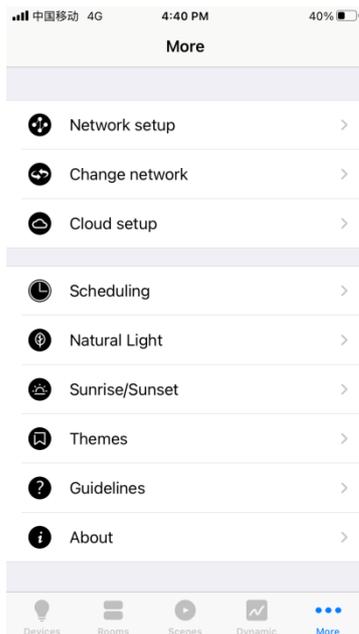


Figure 88

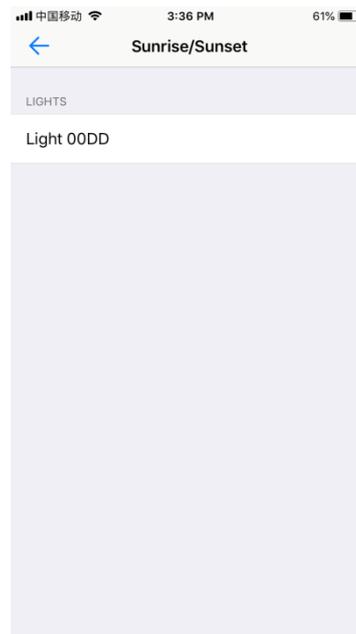


Figure 89

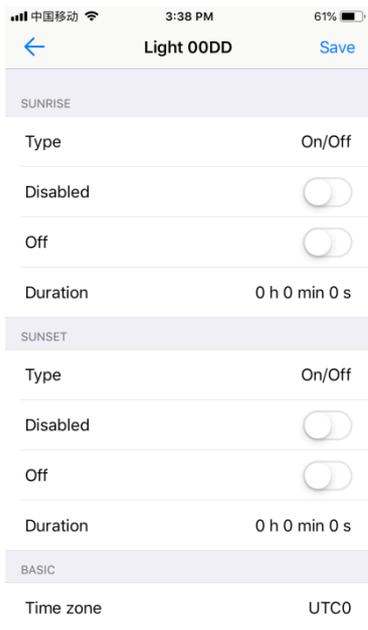


Figure 90

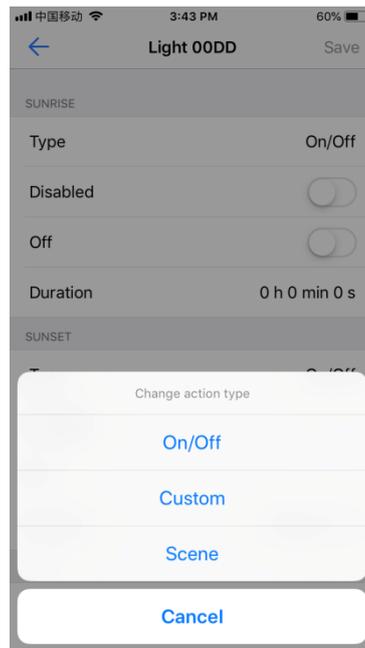


Figure 91

- The "Type" Sunrise/Sunset action type can be changed by tap the "On/Off" after "Type", the other 2 types are Custom and Scene (As shown in **Figure 90 & Figure 91**). "Custom" means you can customize the action, tap Custom to enter into customized setting page (As shown in **Figure 92**). **Disabled** means the Sunrise/Sunset is disabled by factory default, you can enable it by dial the switch rightward. **Brightness** is to set brightness of the action, it can be set from 0%-100%, default is 0% (As shown in **Figure 93**). **Color** is to set the RGB color of the action (As shown in **Figure 94**). **Color temperature** is to set the color temperature of the action (As shown in **Figure 95**). **Duration** means the fade time that the light device fade from the status it is at the local Sunrise/Sunset time to the set Sunrise/Sunset action, factory default duration is 0s which means no fade time.



Figure 92

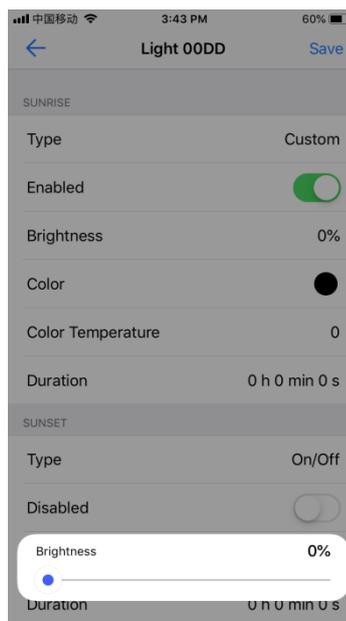


Figure 93

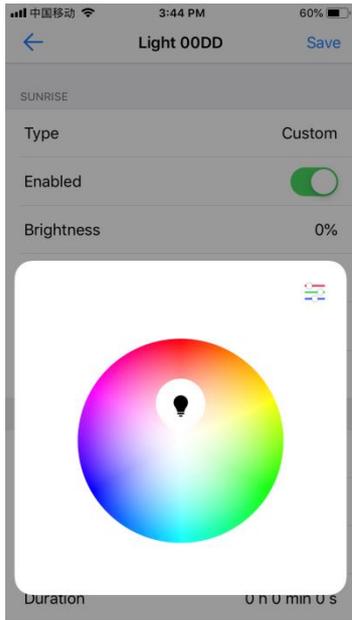


Figure 94

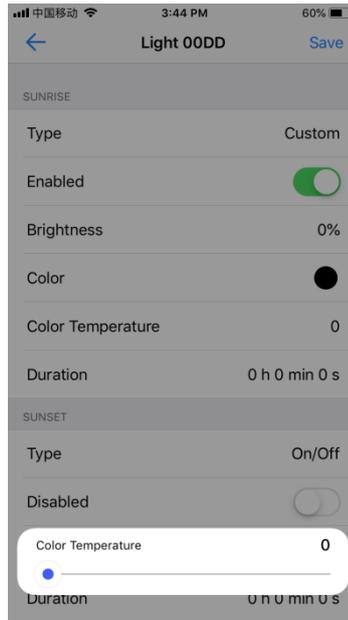


Figure 95

- The action type “Scene” means you can choose a saved scene as the action type of the Sunrise/Sunset, other settings are similar to the action type “On/Off”.
- Once above settings are done, you have to sync the time zone of your smart phone to the light device so that it can recognize your local Sunrise/Sunset, tap “Sync” to sync your local time zone to the light device (As shown in **Figure 96 & Figure 97**).
- Once the Sunrise/Sunset is set successfully, the local time zone will be synchronized to the light device. Since the light device does not have battery inside, in the event of power failure, it will not remember the synchronized time zone after power on again. You have to run the App on your smart phone again and the App will synchronize the local time zone again to the light device automatically.

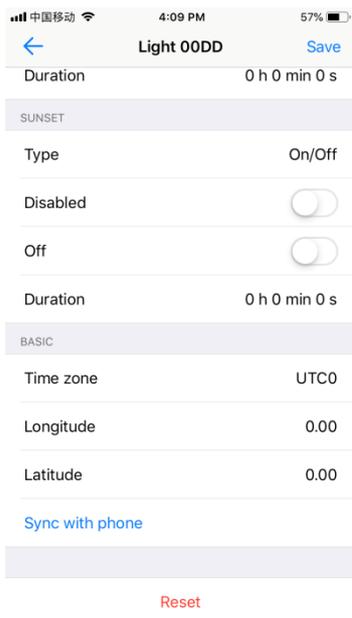


Figure 96

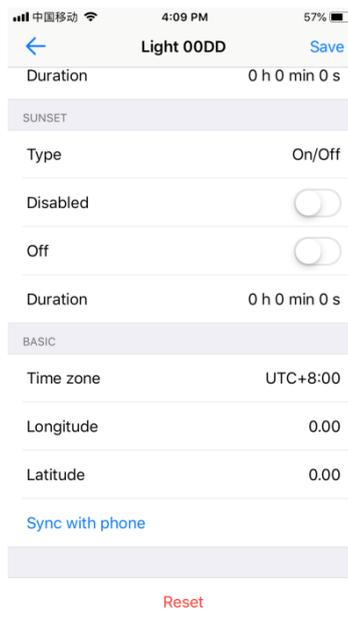


Figure 97

Themes (Change the Theme of the APP)

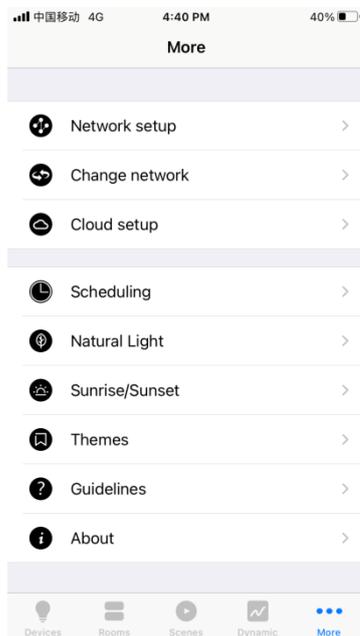


Figure 98

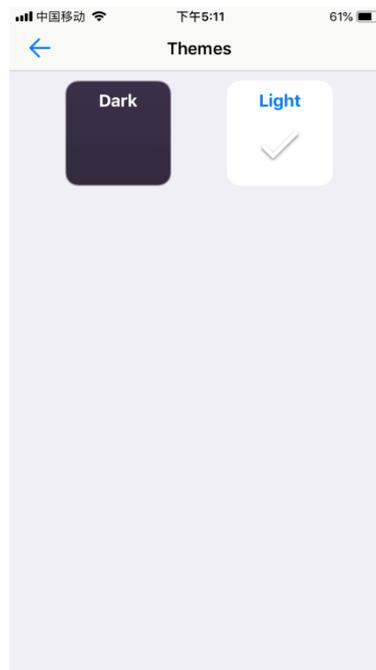


Figure 99

- Tap “  ” at the bottom of home interface, then tap “  Themes  ” to enter into theme selection interface. Tick “Dark” or “Light” to choose a theme of the App (As shown in **Figure 98 & Figure 99**).

Network setup, Change network, Cloud setup

- Tap “  ” at the bottom of home interface, you can choose to set “Network setup”, “Change network” and “Cloud setup” (As shown in **Figure 98**).
- These settings are used when multiple users need to control the same devices with their respective smart phones and cloud control is required.

Network setup

- Tap “More” -> “Network setup”, you can see the menu of “Network setup”. (As shown in **Figure 99, Figure 100**)
- “Current network” means the current network this smart phone uses, default is “Local”, the user can change network in the part “Change network”.
- “Network ID” means the ID of current network this smart phone uses, tap to display it.
- “Configure network” is used to share the local network of this smart phone with other smart phones so that other smart phones can get the information of devices, rooms, scenes from this smart phone and control the devices added to this smart phone, and to import local network of another smart phone to this smart phone so that this smart phone can get the information of devices, rooms, scenes from another smart phone and control the devices added to another smart phone.
- Tap “Configure network” to enter the configuration menu. (As shown in **Figure 101**)

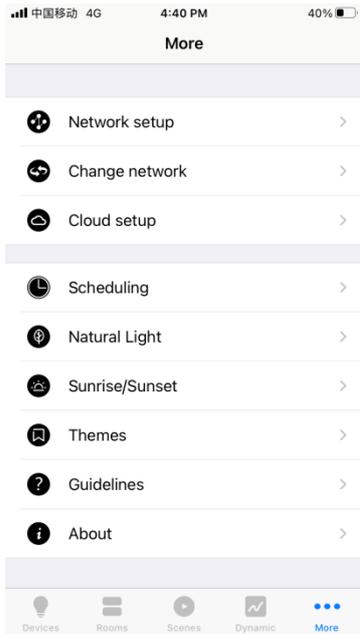


Figure 99



Figure 100

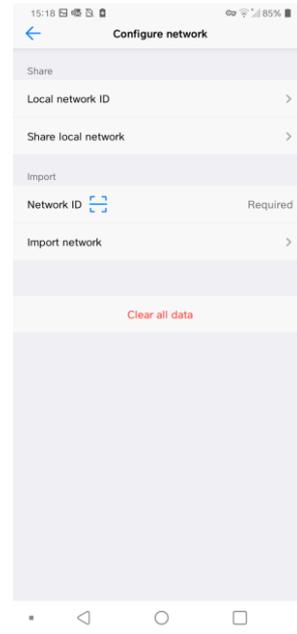


Figure 101

- There are two parts in the “Configure network” setting page, one is “Share”, the other is “Import”.
- “Share” means to share the local network of this smart phone with other smart phones.
- “Local network ID” is the local network ID of this smart phone, tap to display it as a QR code so that other smart phones can scan and import it.
- “Share local network” means to share the information of local network to cloud so that other smart phones can import it from cloud, this must be done before other smart phones can import the local network from this smart phone. (As shown in **Figure 102**)



Figure 102

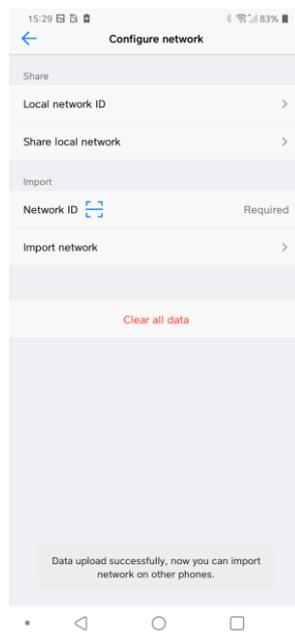


Figure 103

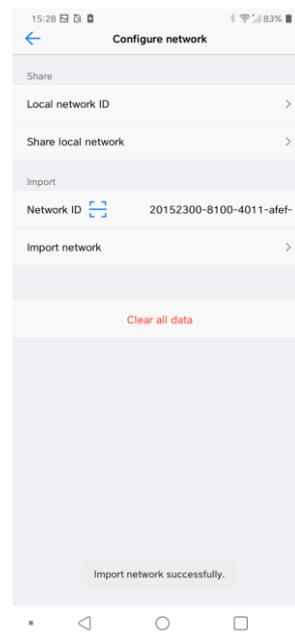


Figure 104

- “Import” means to import the local network of a smart phone that has shared its local network information to cloud.
- “ Network ID  ” is to scan the shared network ID QR code, display the local network ID QR code of the smart phone you would like to share, then tap “  ” to scan it, then tap “Import network”. The local network which has been shared is now imported to this smart phone. The user can use this smart phone to control the devices added to the shared smart phone. (As shown in **Figure 103, Figure 104.**)
- “Clear all data” will clear all configurations of this smart phones local network, all devices, scenes, rooms and other configurations will be deleted. It is not recommended to do such operation. (As shown in **Figure 104.**)
- “Gateway” means this smart phone can work as a gateway once you enable the gateway function of it. When cloud control or out of home control is required, a gateway will be required. (As shown in **Figure 100.**)
- “Gateway status” means whether the gateway mode of this smart phone is enabled or not. “Connected” means enabled, “Disabled” means gateway mode is disabled. (As shown in **Figure 100.**)
- “More information” is about the function of gateway mode. (As shown in **Figure 100.**)
- “Whitelist” is the function used to filter the smart phones that connected to the gateway network, once it is enabled, among the smart phones which are connected to the gateway network, only the smart phones or users that are added to the whitelist can control the devices that are added to the gateway network. (As shown in **Figure 100.**)
- “Whitelist setup” is to add the local network of the smart phones that connected to the gateway network to the white list, so that these users can control the devices which are added to the gateway smart phone. (As shown in **Figure 100, Figure 105.**)
- Scan the local network ID QR code of the smart phone you would like to add to white list to add it. Enter the user name, and ignore the device type. After added to whitelist successfully, you need to change the network of the added user smart phones to gateway network.

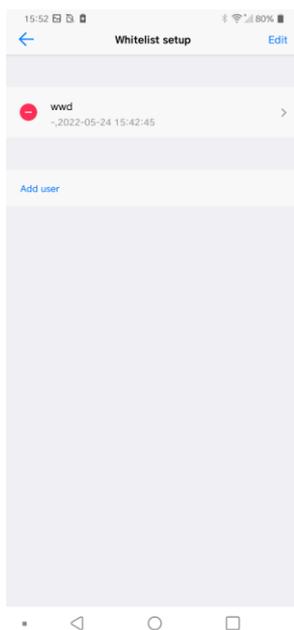


Figure 105

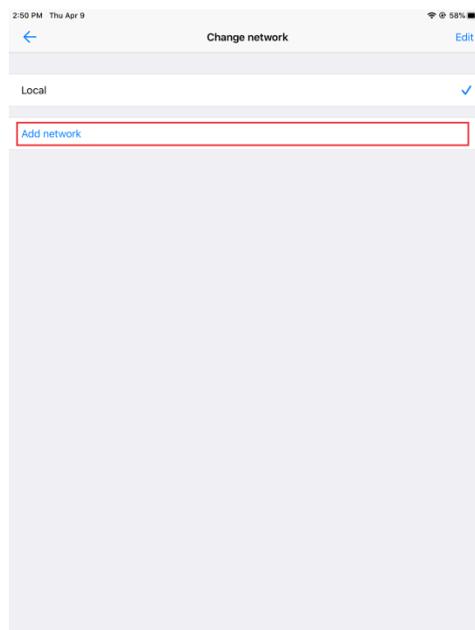


Figure 106

Change network

- “Change network” is used under the situation that a smart phone has already added devices to its local network, and the gateway mode of this smart phone is enabled. Other smart phones need to control these devices through the gateway instead of their local network. (As shown in **Figure 99**, **Figure 106**.)
- On the smart phone you would like to connect to the gateway smart phone, tap “Add network” -> input name -> tap scan icon to scan the gateway smart phone’s local network ID QR code. (As shown in **Figure 107**, **Figure 108**.)

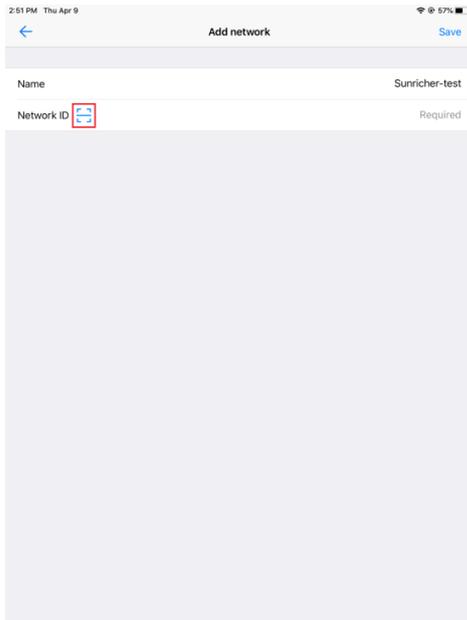


Figure 107



Figure 108

- Show local network ID QR code on the gateway smart phone for the smart phone you would like connect to the gateway to scan, Tap “More” -> “Network setup” -> “Network ID” (As shown in **Figure 109**, **Figure 110**, **Figure 111**.)

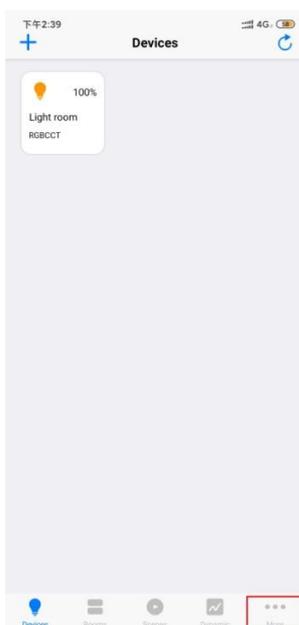


Figure 109

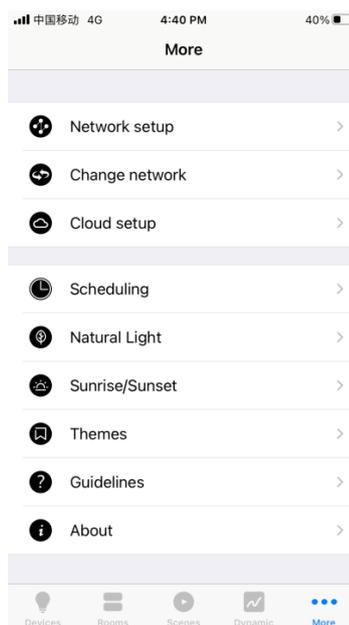


Figure 110

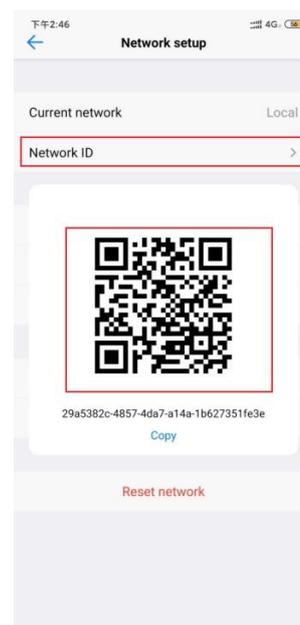


Figure 111

- Once scanned, the network ID will appear, tap “save” to save the network. (As shown in **Figure 112**, **Figure 113**.)



Figure 112

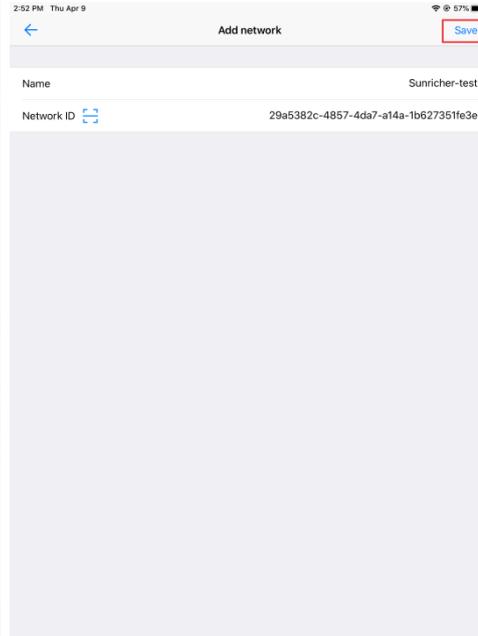


Figure 113

- Change Network from Local to the Added Gateway Network on the smart phone that is connected to gateway smart phone network. Tap the newly added network to select it. (As shown in **Figure 114**.)

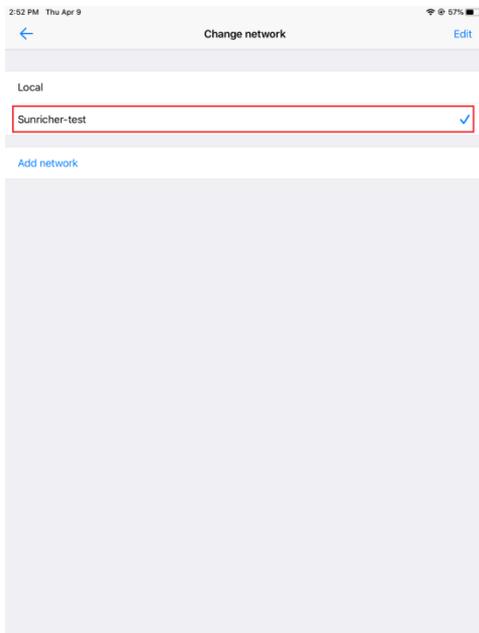


Figure 114

- Then you can use this smart phone to control the devices which are added to the gateway smart phone.

Cloud setup

- Cloud setup is to set up cloud and enable cloud control or out of home control or communicate with a third party cloud such as Amazon Alexa, Google Home etc.
- Note: operations of this part can be done on the gateway smart phone itself if you do not need out of home control, and then a 2nd smart phone which will be brought out of home is not required. If you need out of home control and brought a 2nd smart phone out of home and control with this smart phone, then you need to setup cloud on this smart phone.
- First you need to create an EasyThings Account, tap “More” -> “Cloud setup” -> “Sign in” -> “Create account” (As shown in **Figure 115**, **Figure 116**, **Figure 117**.)

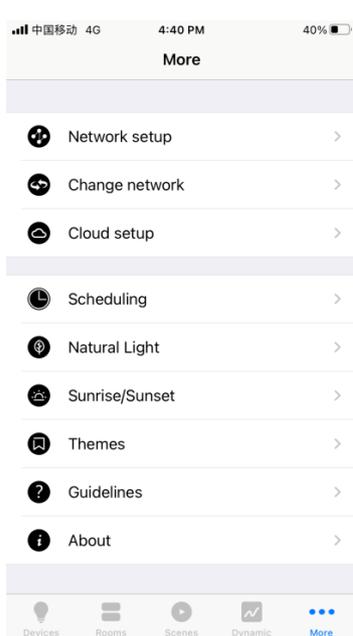


Figure 115

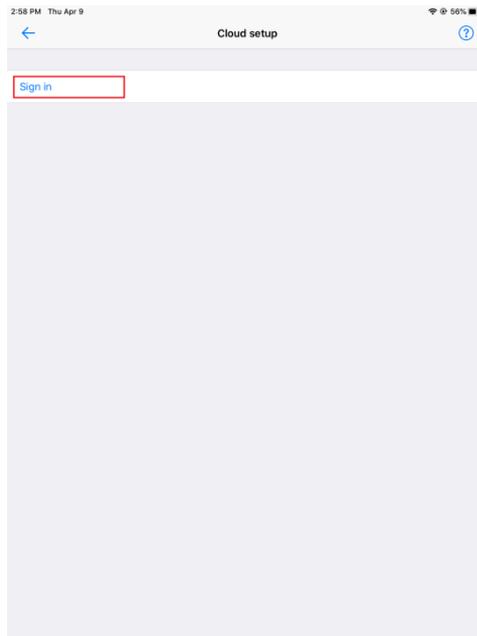


Figure 116



Figure 117

- Input user name, email address and password, then tap “Create”, once created, sign in with the account. (As shown in **Figure 118**, **Figure 119**.)

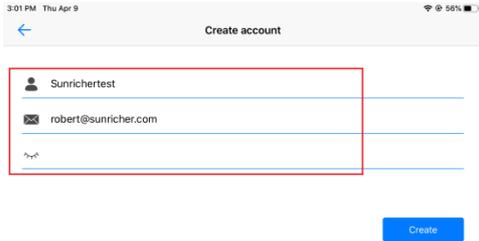


Figure 118



Figure 119

- Then you need to select devices to sync to cloud, tap “Device setup” -> “Set device list” -> Tick the devices to select -> the selected devices will be synchronized to cloud. (As shown in **Figure 120**, **Figure 121**, **Figure 122**.)

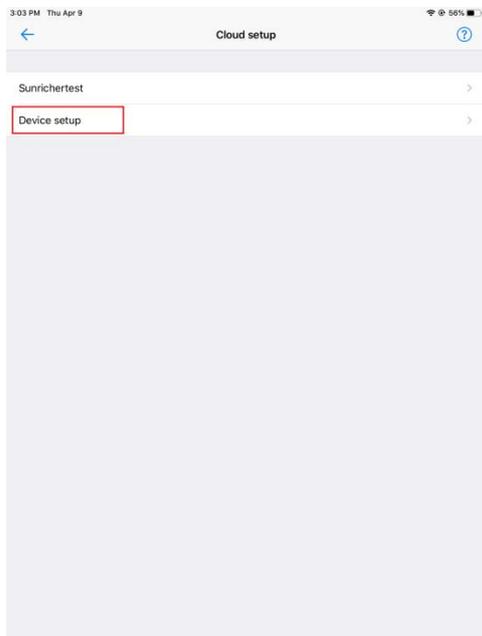


Figure 120

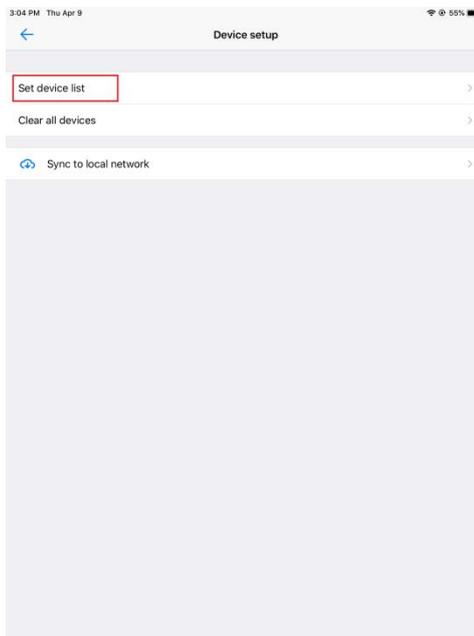


Figure 121

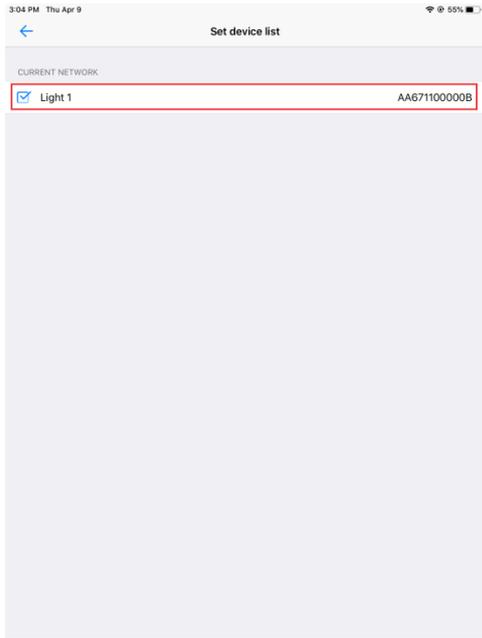


Figure 122