

### Download the App

To download the TuroSmart scan the QR code below.

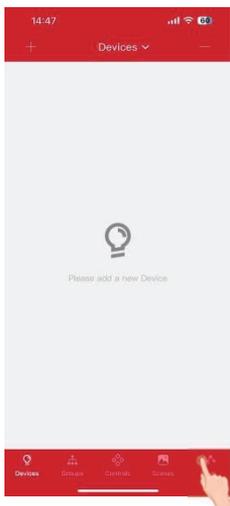
The APP supports most Android smart phones. Some Android phone models may not be supported due to issues with the phone's hardware or firmware. The APP requires access to the network and Bluetooth, so please approve access requests from the APP. The APP will not collect user's private data. Accept the prompt to allow access to photos for QR codes to be automatically saved in your album.

TuroSmart will update the APP when there are new features or bug fixes. Please enable the auto update of the APP so that new version of the APP will be pushed to your mobile phone.



### Creating Zones

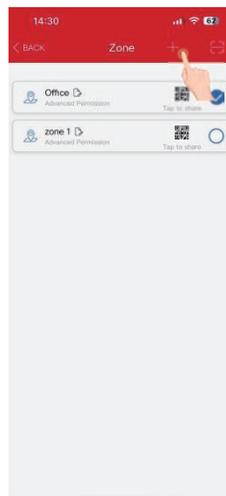
**\*when commissioning more than 20 sensor/fixtures on one site, it is recommended to switch off the entire set of lights and switch on one circuit at a time to create zone as per all the lights in one circuit. Once one circuit is completed the second circuit should be switched on to create another zone. Continue with this process till all the sensors/fixtures are added to the zones. Keep zone names different then one another in order to easily identify**



1. Open TuroSmart APP, Click 'More'



2. Click 'Zones'



3. Click '+' to create new zones



4. Type the name, and click 'confirm'

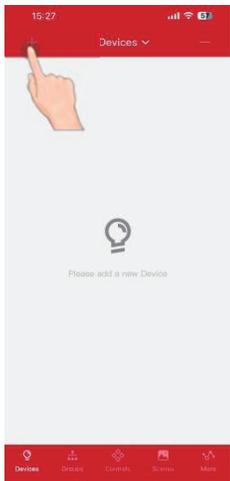


5. All zones can be found in the 'Zones' list and you can tap to share and and you can switch between them by clicking the circle on them.

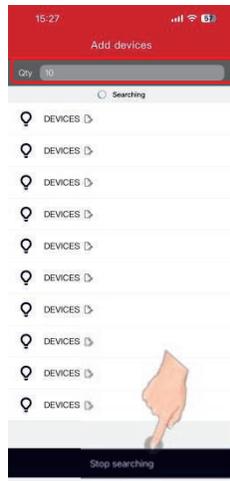
### Add Devices to the APP

**\*Recommend to name the devices in ascending order or circuit wise individually for quick identification**

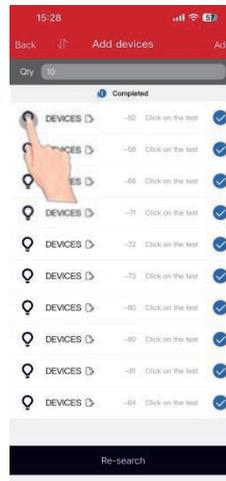
#### A. Engineering Add Mode



1. Enter the 'Devices' interface, click the '+' in the upper left corner



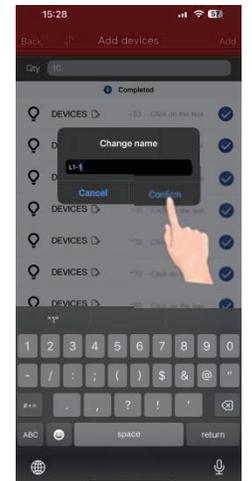
2. The app will scan and list nearby lamps that can be added (the default quantity is 10). Click 'Stop searching', and the nearest 10 devices will be sorted based on the Bluetooth signal.



3. Devices can be identified in a room by pressing the left icons to turn it on and off.



4. Click to rename the lamp



5. Type the name, and click 'Confirm'



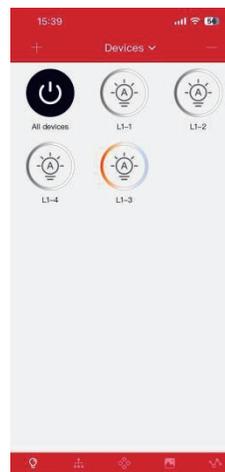
6. You can click the checkbox to select or deselect the lamp.



7. After choosing the devices you want, click the "Add" button in the upper right corner, add the selected lamps to the project



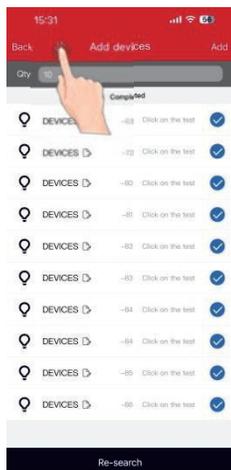
8. After adding successfully, you can click "Back" to the "Devices" interface to check whether the devices are added successfully



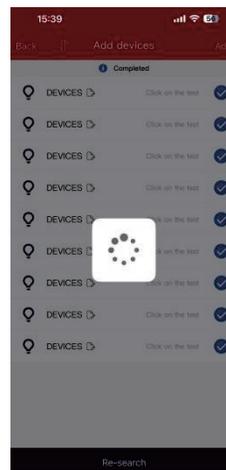
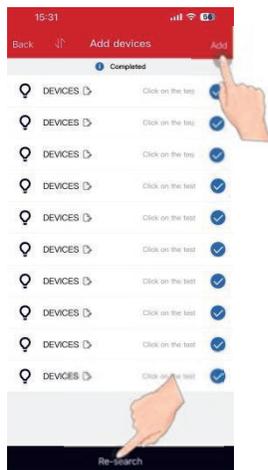
**Tips:**  
 1. For large areas, it is recommended to use the engineering add mode. After positioning each light, change the name before adding it.

2. Commissioning performance may deteriorate if there are more than 100 devices powered up at the same site. Please power off some devices before continue.

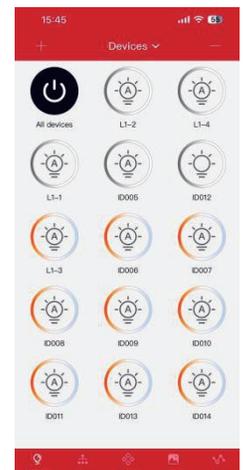
### B. Quick Add Mode



1. Click  on the top left corner will switch to Quick Add mode. In this mode, the Bluetooth signal will no longer be displayed. Click "Re-search" will search for all Bluetooth devices in the zone (up to 100)



2. Click "Add" to quickly add all devices in the list

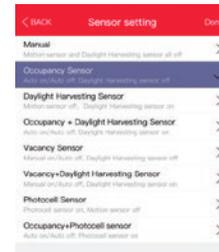


### Sensor Settings

For lamps with sensors, the sensors can automatically sense human body movements and environmental light changes, and automatically switch on and off the lights and adjust the brightness according to needs, achieving the goals of comfort, health, and energy conservation.

Before setting the sensor parameters, you need to select the sensor mode according to your needs:

- Mode 1: Manual (Motion sensor and daylight harvesting sensor all off)
- Mode 2: Occupancy sensor (Auto on/auto off, daylight harvesting sensor off)
- Mode 3: Daylight harvesting sensor (Motion sensor off, Daylight sensor on)
- Mode 4: Occupancy + Daylight Harvesting sensor (Auto on/auto off, daylight harvesting sensor on)
- Mode 5: Vacancy sensor (Manual on/auto off, daylight harvesting sensor off)
- Mode 6: Vacancy + Daylight Harvesting Sensor (Manual on/auto off, daylight harvesting sensor on)
- Mode 7: Photocell Sensor (Photocell Sensor on, Motion Sensor off)
- Mode 8: Occupancy + Photocell Sensor (Auto on/Auto off, photocell Sensor on)



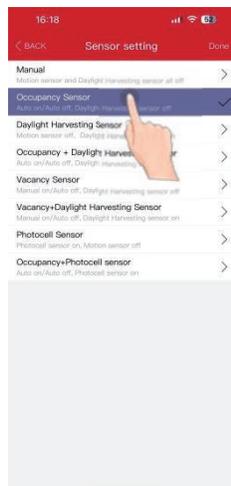
Lamps with sensors have some special parameters, including:

1. Brightness: The brightness of the lamp when the motion is detected
2. 1st Time Delay: Hold time refers to the time it takes for the sensor to turn off after receiving the signal for the last time
3. 2nd Time Delay: Stand-by time refers to the duration of the dimming function after the lamp enters the dimming function
4. Dimming level: The function of dimming a lamp, reduce the brightness to 10%, 20%, and 30% to achieve energy-saving
5. Motion Sensor Sensitivity: Sensing distance (sensitivity) refers to the distance that the sensor can receive signals, with three options: high, middle, and low
6. Linkage: When the lamp is not triggered by motion, but other lamps in the same group sense movement and turn on the linkage setting of this group, the other lamp will be triggered to the linkage brightness. The linkage brightness is calculated in proportion to the normal working brightness.

### Sensor setting



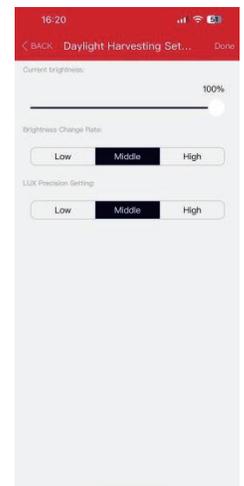
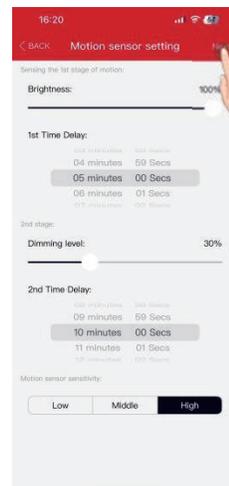
1. Click the in the lower right corner to set the sensor parameters for this sensor



2. Select the sensor mode type

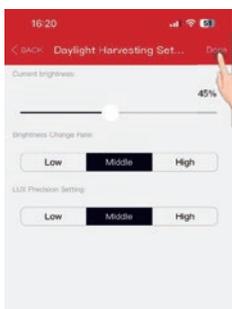


3. After setting the parameters, you need to click the "Done" button to save the settings.



4. If select the daylight harvesting mode, after setting the sensor parameters, click "Next" to set daylight harvesting parameters

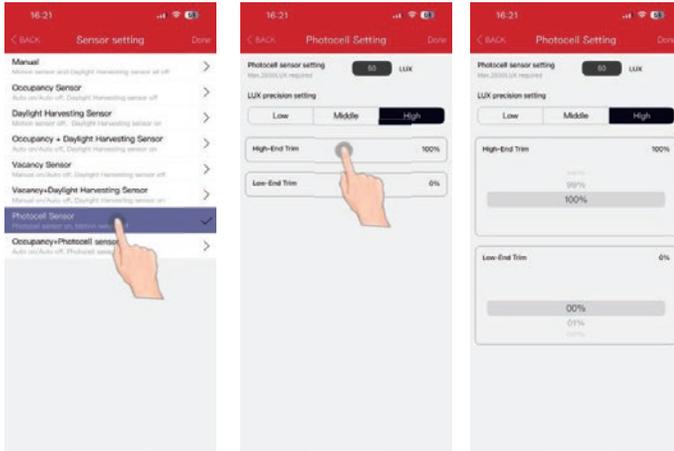
### Sensor daylight harvesting setting



5. Choose the current brightness of the lamp as the memory lux value for daylight harvesting function. When the ambient light turn lower, the brightness of the lamp will increase. When the ambient light turn higher, the brightness of the lamp will decrease to maintain the lux level
6. Brightness Change rate means when the ambient light changes, the speed at which the luminance of the luminaire changes can be changed. There are three types: "Low", "Middle", and "High" modes
7. LUX Precision Setting means you can select the accuracy of lux recognition when daylight harvesting is working. There are three types: "Low", "Middle", and "High" modes

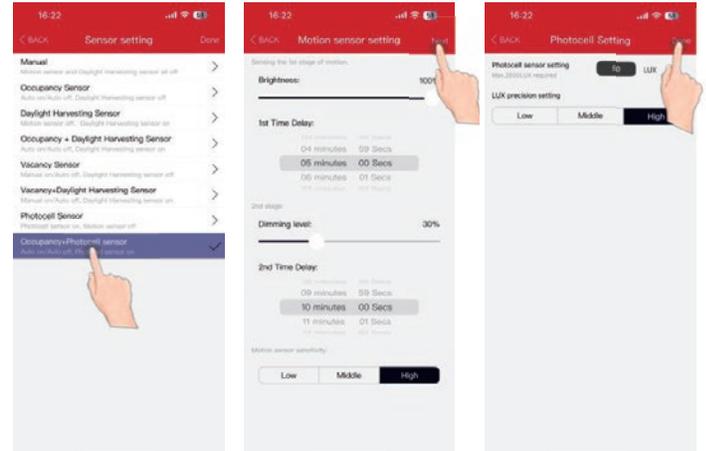
### Sensor outdoor photocell sensor

Photocell only setting interface



In photocell interface, you can set the lux and choose the lux precision (low,middle, high), High end trim, low end trim.Low means 15%, Middle means 10%, High means 5% Take the setting on the picture as an example, when you set 50lux, it means when the lux is less than 47lux, the fixture will be 100% on automatically, when the lux is 53lux, the fixture will be off.

Photocell with OCC setting interface



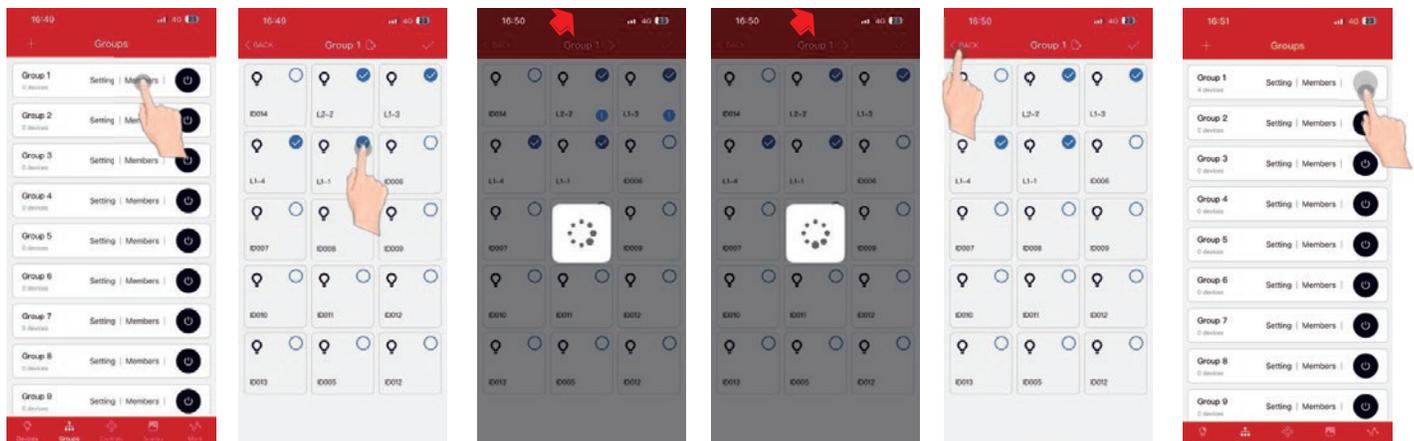
In photocell with OCC mode, after setting the sensor regular parameters, click "Next", then you can set the lux and Lux precision.

Take the setting on the picture as an example, when the lux is less than 47lux, when detect motion, the fixture will be 100% on, after 1 minute, there's no motion detected, the fixture will be 30% on, then after 1 minute without motion detected, the sensor will be off. During the 1st time Delay and 2nd time delay, once the lux is more than 53lux, the fixture will be turned off by force.

### Groups

Groups enable control of a defined set of lights/sensors, in a small area. There are totally 16 groups in the list. The APP provides a default group named "All Devices" in Device page, which gives the user control over all lights in the zone. Groups allow user to configured/change settings for all devices in a Group at same time.

### Add or remove lamps in a group

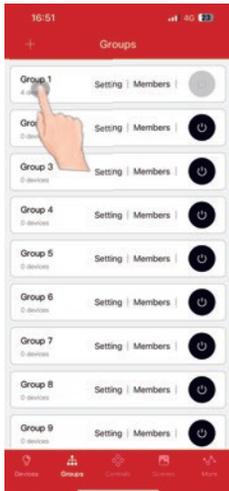


In member management page,click the selection box in the right corner of the devices icon to add or remove a certain device.After selecting members,click the "v" to save the grouping

During adding,! will appear in the lower right corner of the device being configured. The devices that are added to the group successfully, the ! will disappear. Then press x(Back) to exit

On the "Group" interface of the APP,click the sliding switch of a certain group to quickly turn on/off all the devices in this group

### Rename the group



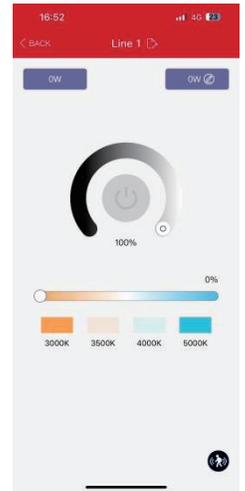
1. Click "Group1" to enter the group lamp dimming and management interface



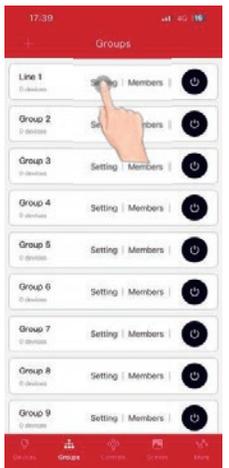
2. Click  to name the group.



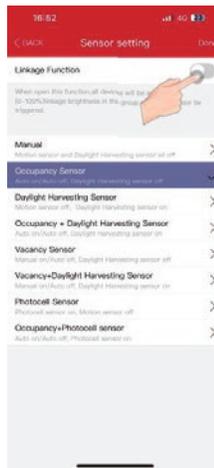
3. Type the group name in the pop-up input box and click "Confirm" to save it



### Linkage and Parameter setting



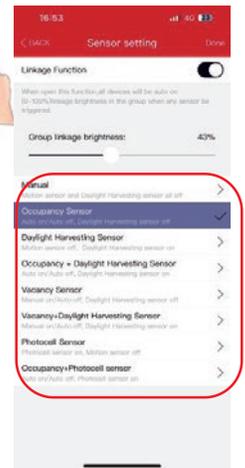
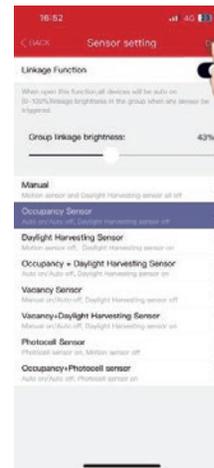
1. Click a group to enter the group setting page and press  to enter the parameter setting page



2. Click the "Linkage Function" sliding switch to turn on/off the linkage function of this lamp group.



3. Set the group linkage brightness in the sensor settings interface. Must click "Done" to save the linkage function

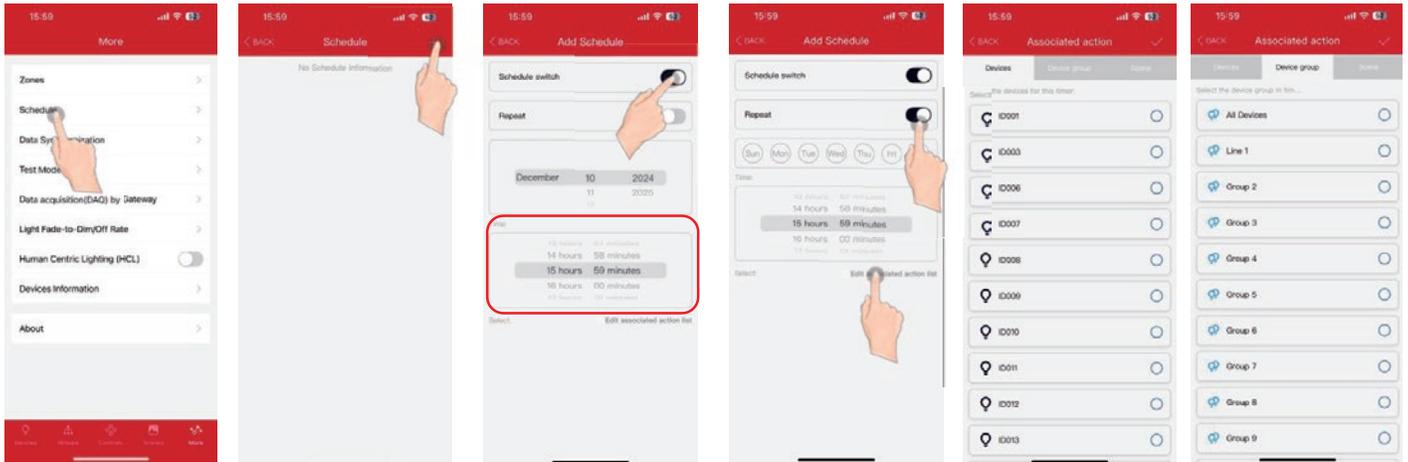


Sensor parameters setting please refer to page 3

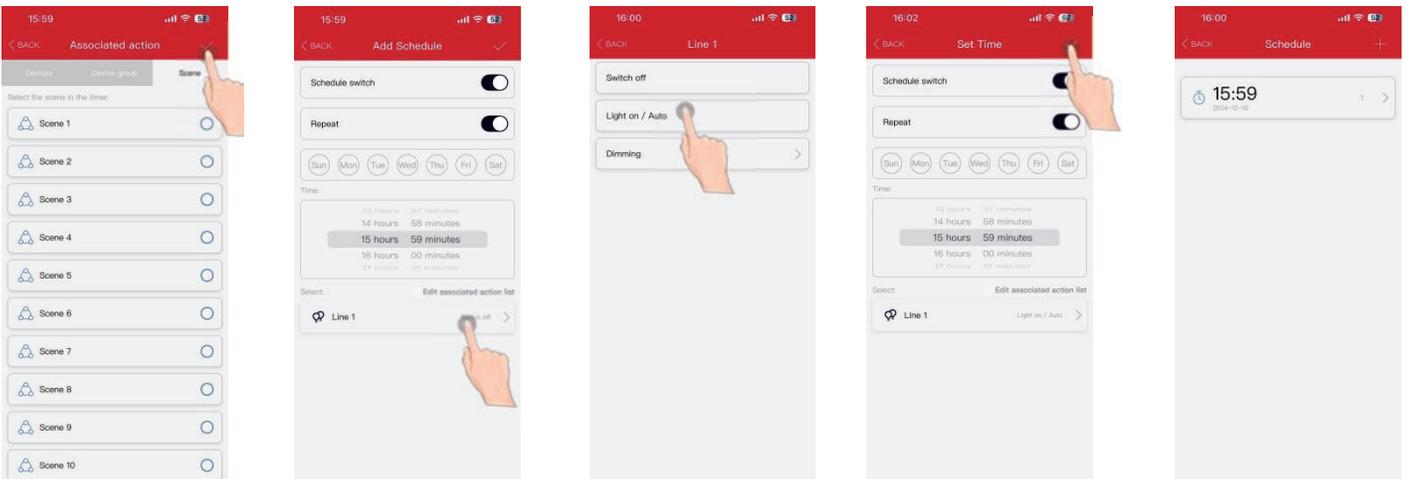
### Schedule (Timer)

Schedules allow the user to program lighting changes for specific dates and times. Schedules can be applied to an individual device, a group, or a scene.

### To create a Schedule and Set the Schedule

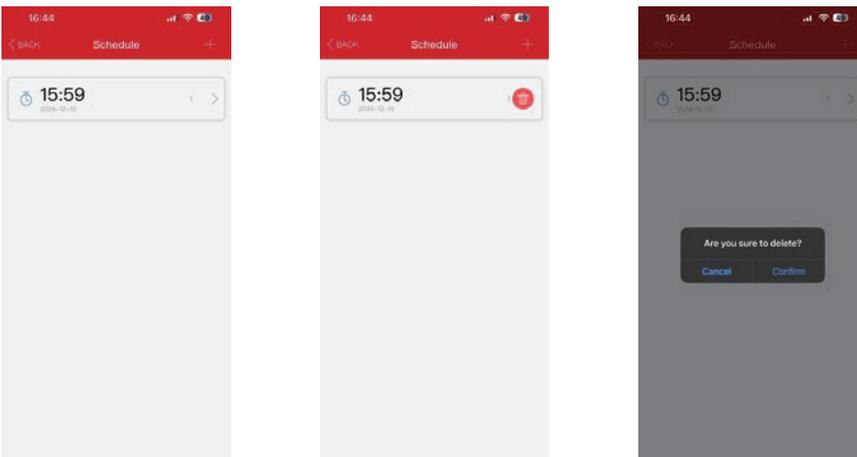


1. On the "More" interface, click "Schedule"
2. Click "+" to add a schedule
3. Click the to enable or disable the timer
4. You can choose the time in the red part
5. Choose whether to repeat date or time
6. Click "Edit associated action list"
7. Lamps, Lamp group, and Scene can be associated according to your need



8. After select, click the "✓" to save
9. Then Click the selected subject to add action. You can choose "Switch off", "Light on/Auto" and "Dimming"
10. Click the "✓" to save

### To Delete the Schedule



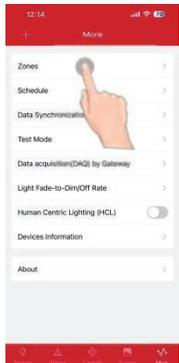
1. Long Press the Schedule until the appears
2. then press , click "Confirm" to delete

### QR Codes

Whenever a zone is created, two QR codes can be generated, one for Advanced Permission (the Admin level) and one for Basic Permission (the User level). The QR codes represent the zone, as well as all of the lights, switches, and groups associated with that zone.

The Basic Permission QR code allows the user to dim, activate a scene, or control lights on that zone, but it does not allow the user to add, delete, or change lights, groups, or scenes. The Advanced Permission QR code allows a user to control and edit all settings within the APP. Only users with the Advanced Permission QR codes can share Advanced Permission QR codes.

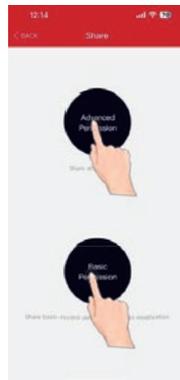
### To Scan the code



Click "Zones" in "More" interface, and click  to scan the QR code  
Center the boxed camera frame around the QR code and scan it.

You can also select QR codes saved in the phone by pressing the  button.

### To Save the code

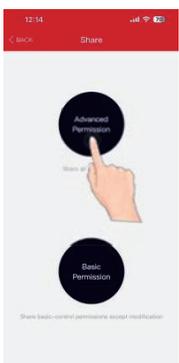


All zones can be found in the "Zones" list and you can tap to share

By selecting the corresponding permissions based on the customer type, a QR code can be generated  
Click "Save to album" Then you can find the code in your album

**Tips :**Each QR code represents a separately managed area and its lamps, switches, and other devices. During the preparation work, it is recommended to prepare the QR codes for all zones, and set the group, scene, and name in advance to reduce on-site work

### To Share the Code



1. From the Zones page, select the Zone to share and click on either Advanced or Basic.



2. A QR code will be displayed on the app. It can then be scanned by another for sharing or you can save the QR code to the album or screenshot it and send it to another for scanning.

### Restoring Factory Settings

There are 2 ways to restore factory settings for the lights. (Some ways are suitable for some devices)

#### Restore By Deleting Lights on line

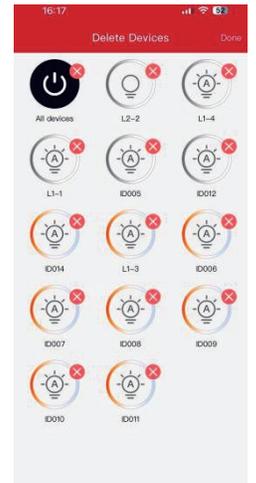
The first way is by deleting lights from the APP. This is the easiest way. When finished testing, must delete the lights online. (After deleting the lights on line, wait for a while to ensure all devices is deleted successfully. Then you can refresh the "Lamp" interface to see there's still some devices.)



1. Click "on" Devices interface



2. Click  to delete the Device you don't need and Click "Confirm"



3. This method is only effective for online lamps.

#### Restore By RC100



First: Press "RESET" button

Second, Press "ON/OFF" button

The lamp flashes once, indicating that the reset is successful.

This way is very useful when someone forgot to delete the lamps online.

### Contact Information

If you have any questions, need further assistance, or encounter any issues while using this product, please feel free to reach out to us.

- Phone: 905-479-7093, 1-888-425-7093
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- Website: www.turolight.com
- Address: 160 Cochrane Drive, Markham ON L3R 9S1