

Aqara Ceiling Light T1M Introduction

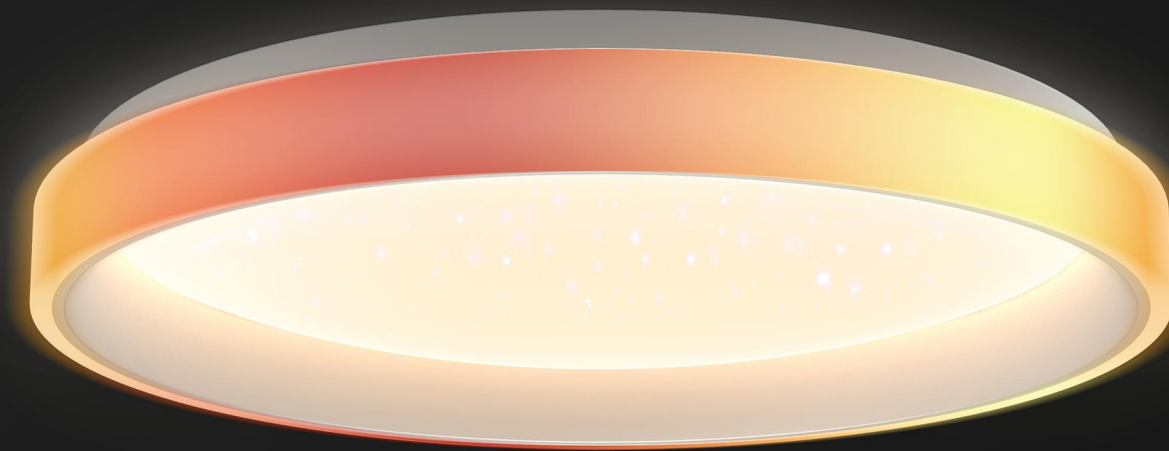
Content

- **Product Profile**
- **Product Features**
- **Product Installation**
- **FAQ**

Product Profile

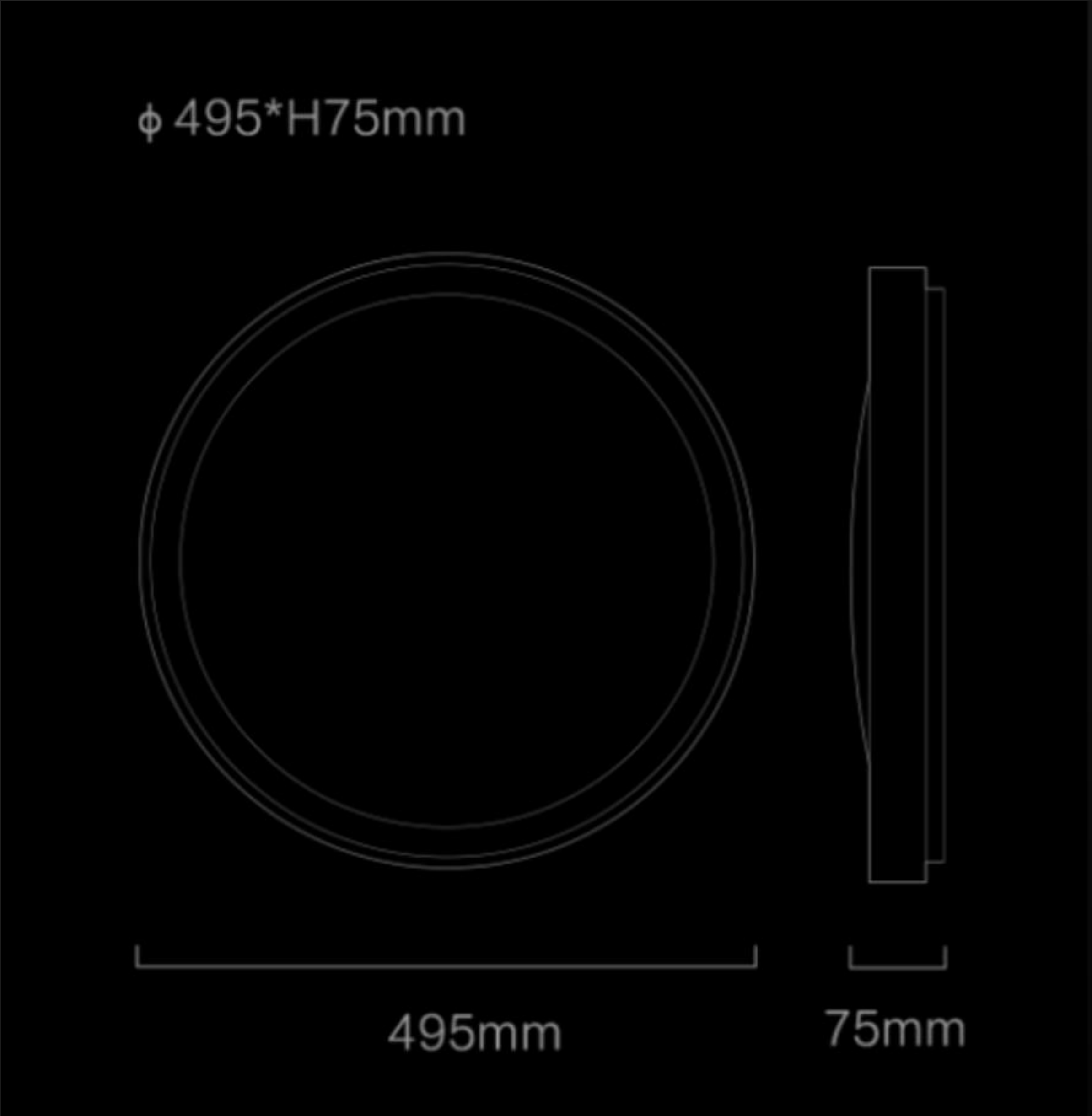


The Aqara Ceiling Light T1M is a versatile smart lighting fixture that provides dual color temperature main lighting. The outer secondary light is a RGB ambient light, which supports dynamic and static scenario customization. The main and secondary lights can be turned on simultaneously or independently controlled, and can also be combined with other smart Aqara devices to achieve more linkage control effects.



Product Profile

Aqara



Product Profile

Aqara

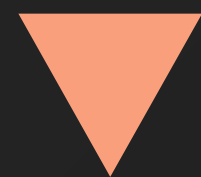
What' s in the box:

Lamp panel × 1, Lampshade × 1, Self tapping screws× 3, Expansion glue nail × 3, Iron gasket x3, plastic gasket x3, Rack× 1, Screw × 2, Butterfly nut ×2, User manual × 1



Add a touch of color to the roof

01



**Outer Ring RGB Atmosphere
Sub Light**

- RGB dynamic lighting function
- Multiple preset scenes
- Support segmented custom colors

02



**Starry Sky Mask Dual Color
Temperature Main Lamp**

- High transparency lampshade
- 2700K-6500K wide color gamut

Add more possibilities to the space

03



**Flexible and versatile
lighting combinations**

- The main/secondary lights support independent control, which can be lit separately or simultaneously, as well as lighting configuration
- Rich automation options

Specifications



Item	Specification
Product Name	Aqara Ceiling Light T1
Model	CL-L02D
Dimension	φ495*H75mm
Use Area	5-20m²
Wireless Connection	Zigbee3.0
Input Power	100-240V~50/60Hz 0.18A Max
Rated Power	40W
Rendering Index	Ra90
Luminous Flux	40W: 2200lm
Color Temperature	2700K-6500K
Blue Light Level	RG0
Operating Temperature	-10℃ ~ 45℃
Operating Humidity	0-95% RH, noncondensing
Gross Weight	40W: 2950g

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Application Scenario

Bedroom, study, entertainment room, children's room:

In addition to the main lighting, it can also provide a rich range of colored lighting and dynamic illusion effects, giving the space more possibilities. The main and auxiliary lights can be independently switched on and off. Support DIY custom lighting effects.

Specifications and dimensions

Master bedroom (recommended 5-20 square meters): $\varnothing 495 * H75\text{mm}$

Product Features - Apple HomeKit Adaptive Lighting

Aqara

After connecting to Apple Home, the "adaptive lighting" function in Homekit can be achieved.



Product Features - Multiple Control Method

Aqara

Voice control needs to be paired with the Aqara Zigbee 3.0 Hub, and connected to Aqara Home. To control with Siri, it needs to be connected to Apple Home, and AI gesture recognition control can be achieved through the Camera Hub G3.

Voice Control



APP Control



AI Gesture Control



Automation Control



Product Features



Page ①:

Home page of main lighting device - Profile

Page ②:

Main light equipment homepage - color temperature control card

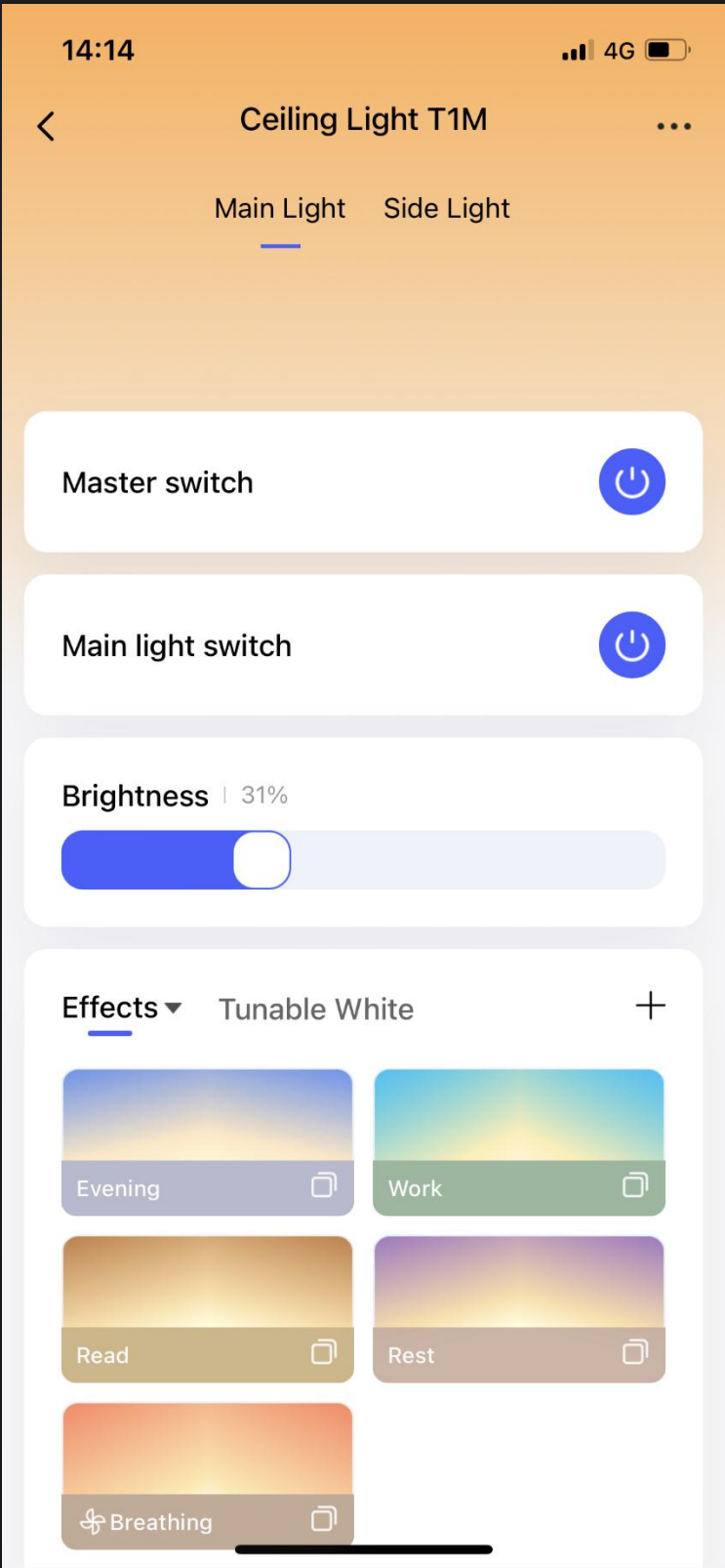
Note: On pages ① and ②:

- Control the switch of the entire lamp or the switch of the main lamp;
- Adjust the brightness and color temperature of the main light;
- Select the main light scene mode;
- Create a new main light scenario with '+';
- New Lamp Group

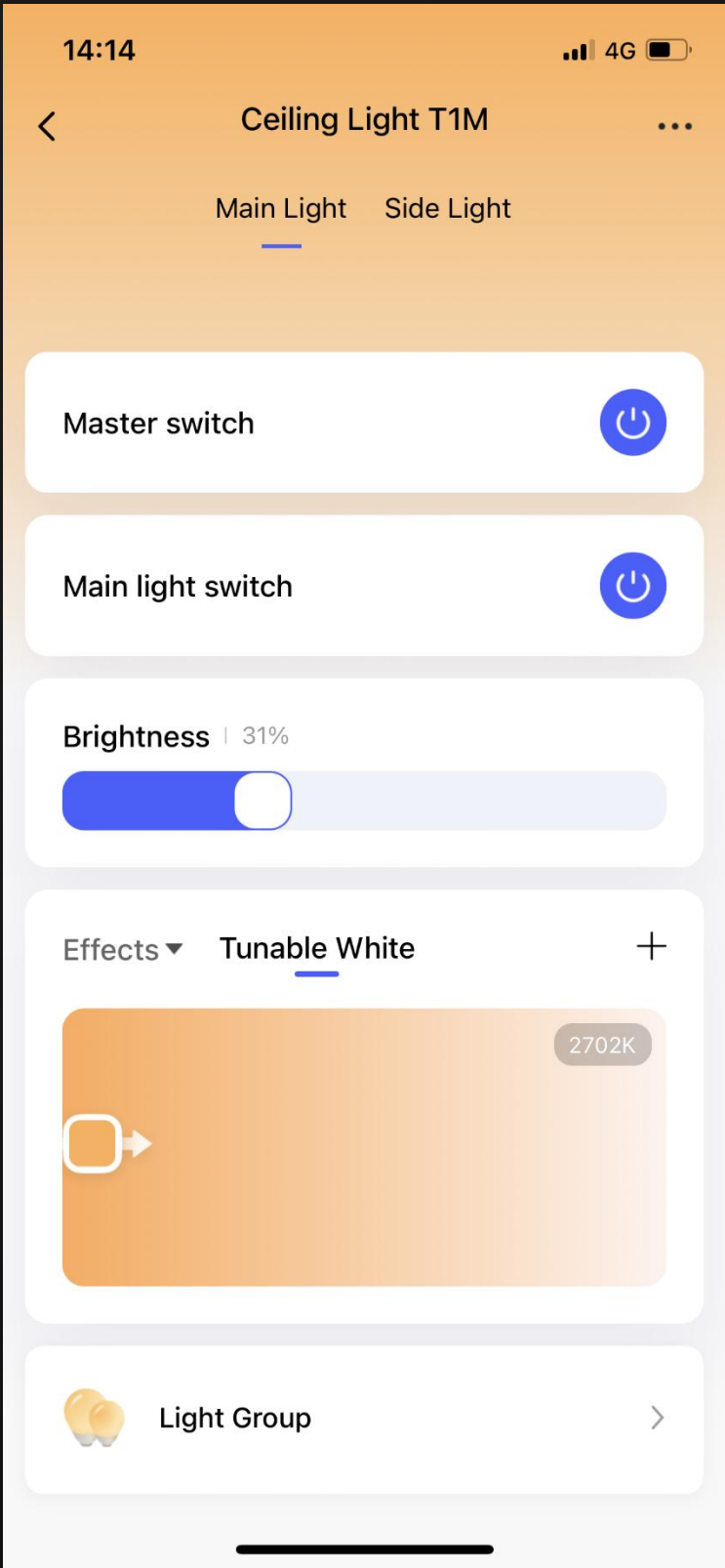
Page ③:

New scene page for main light

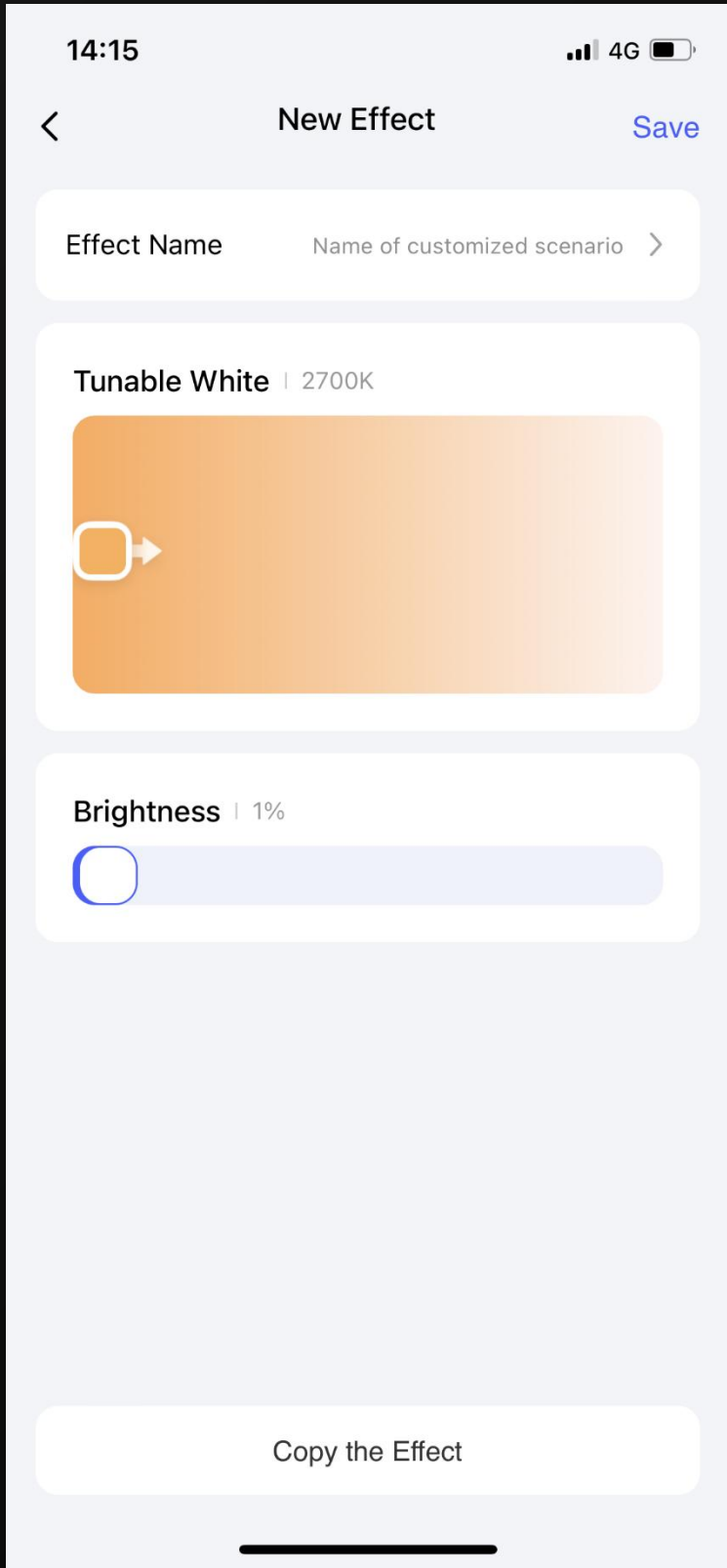
- Customize the scene name → select color temperature → select brightness → save;
- Create a new light group.



Page ①



Page ②



Page ③

Product Features



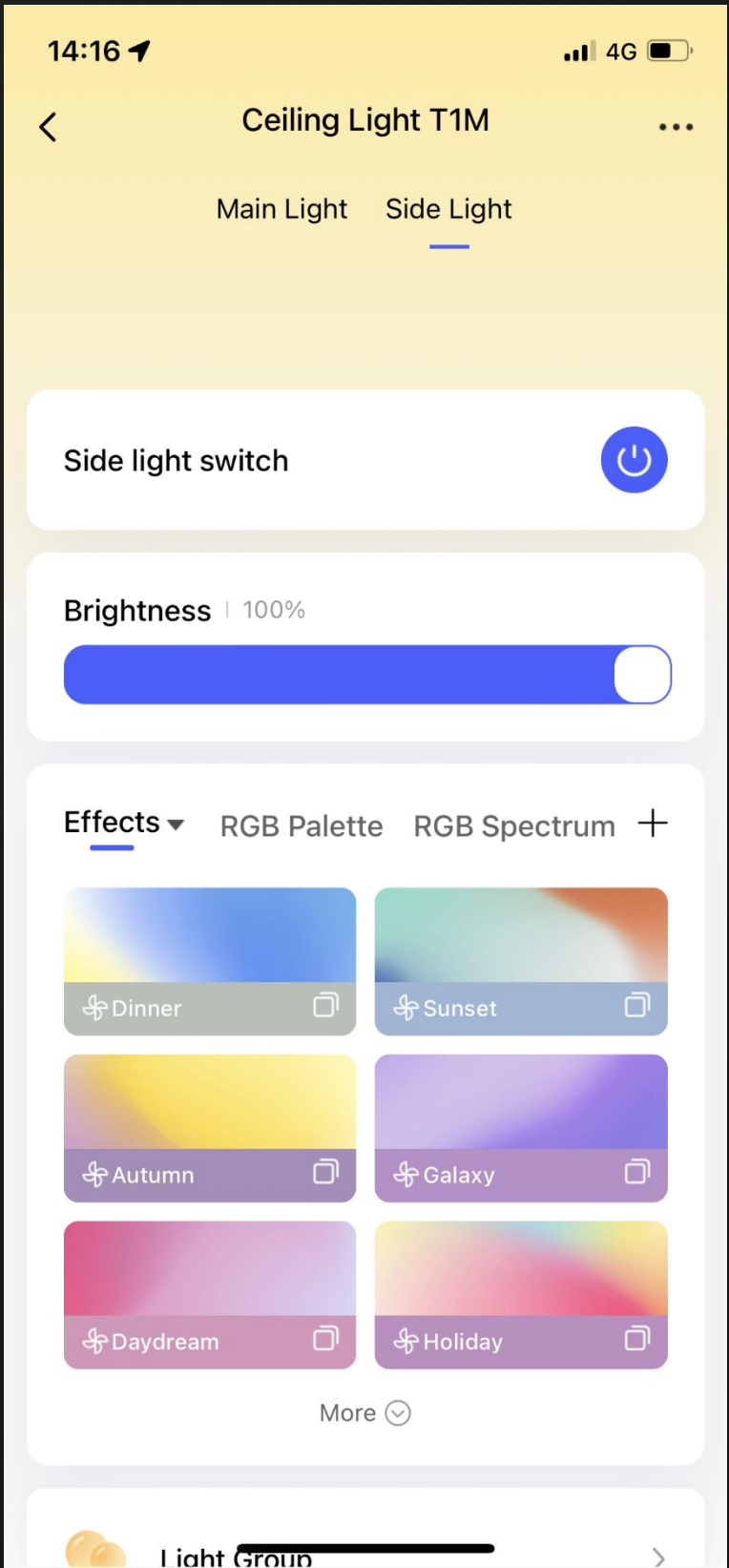
Page ①: Auxiliary light homepage - scene mode

Page ②: Main Lamp Home Page - Color Temperature Control Card

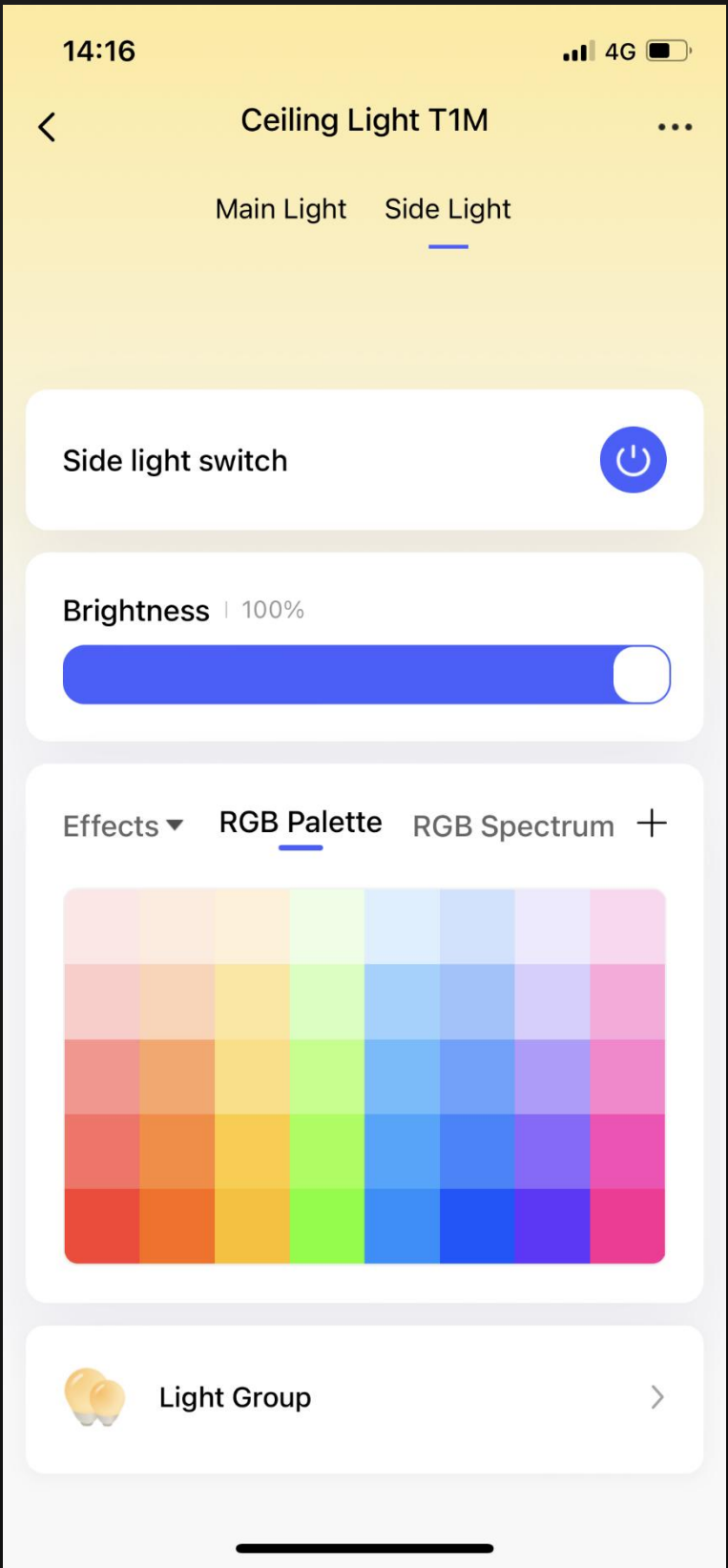
Page ③: New scene page for main light

Note: On pages ①, ②, and ③:

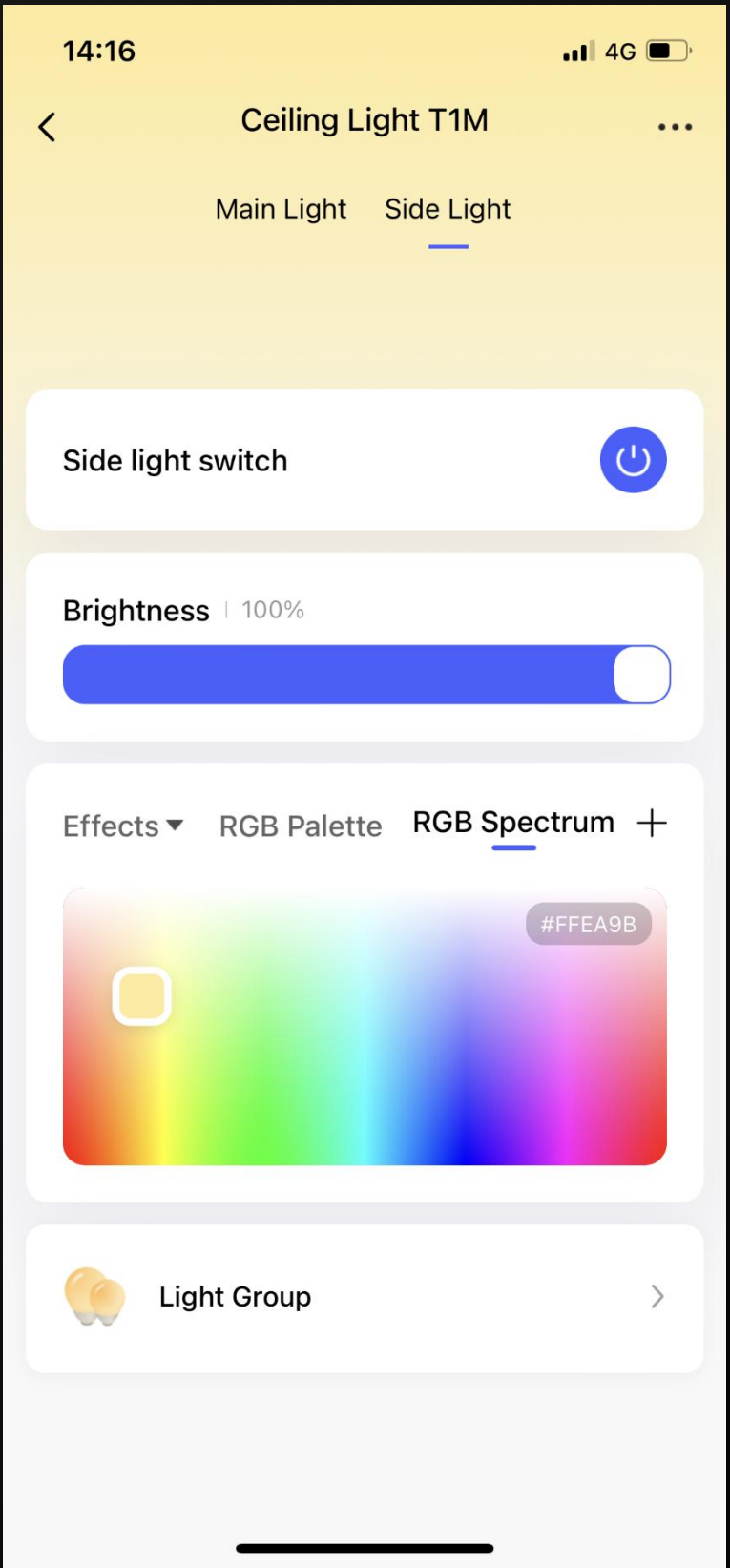
- Control the switch of the secondary light;
- Adjust the brightness of the auxiliary lights;
- Select the color of the secondary lamp through the color card ② or spectrogram ③;
- Select the secondary light scene mode;
- Create a dynamic/static scenario for the new auxiliary light;
- Create a new light group.



Page ①



Page ②



Page ③

Product Features



Page ①:

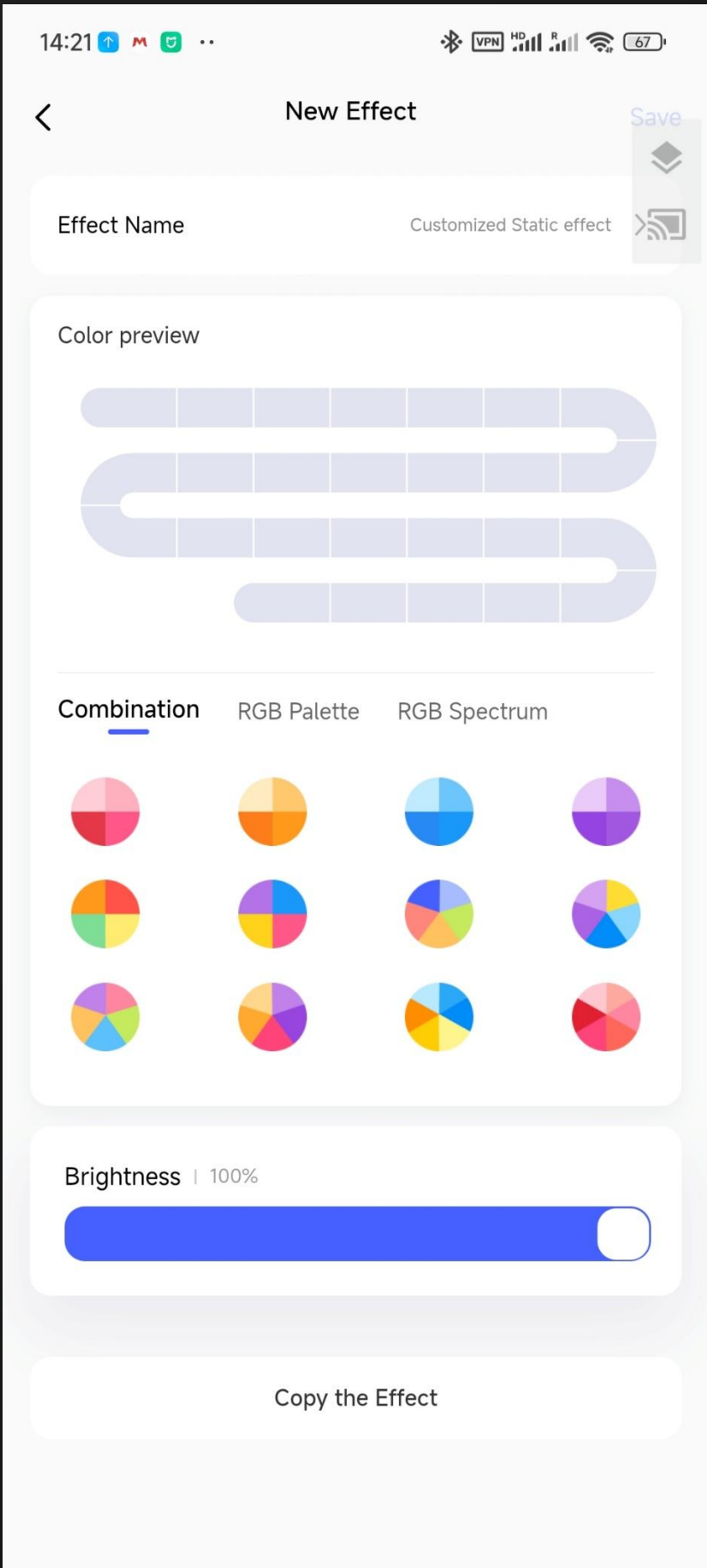
Auxiliary Light Device Customization Page - New Static Scenario

- Coloring: It can be quickly colored by combination, or segmented by color card or spectrogram for the secondary lamp;
- Select the corresponding brightness;
- Save to the secondary light homepage or exit.

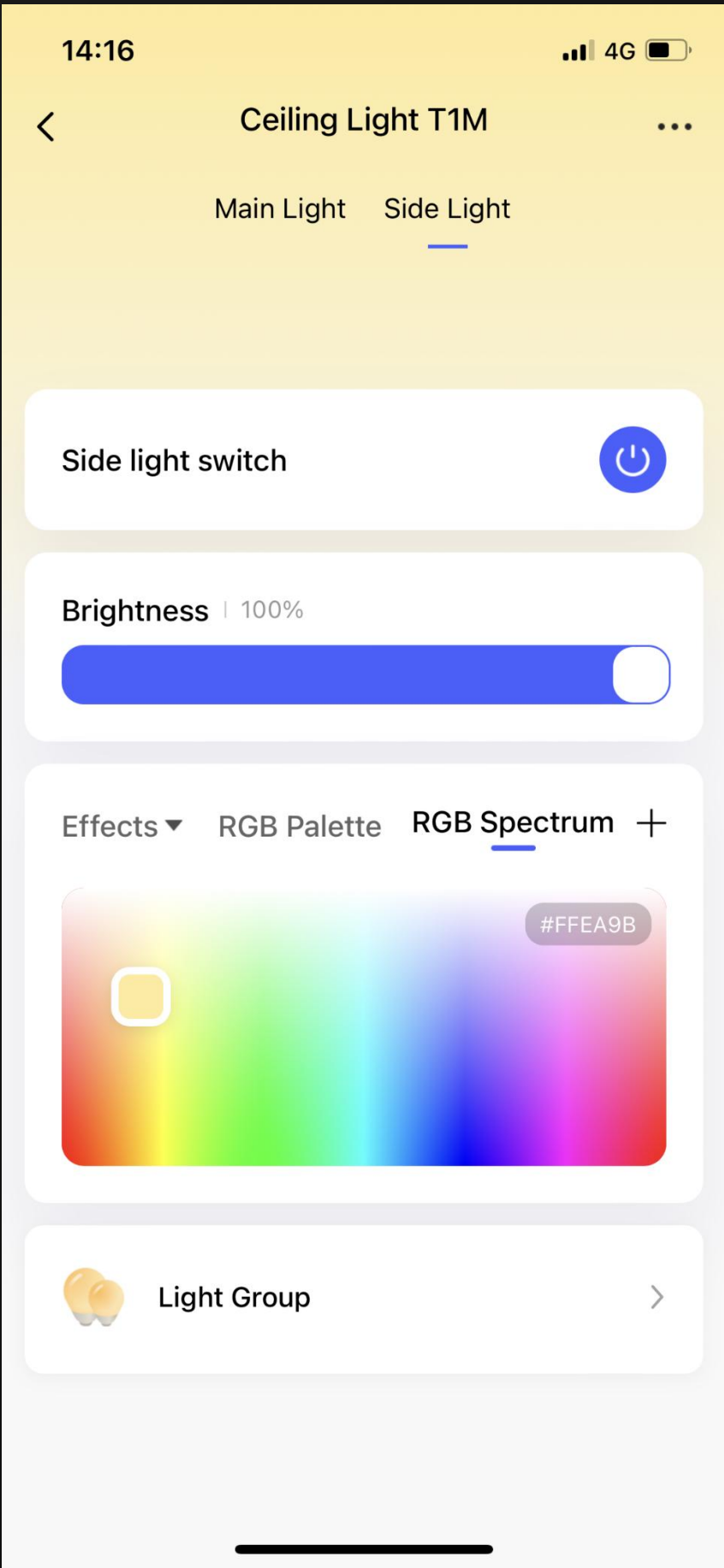
Page ②:

Auxiliary Light Device Customization Page - New Dynamic Scenario

- Coloring: It can be quickly colored by combination, or segmented by color card or spectrogram for the secondary lamp;
- Select the corresponding brightness;
- Choose rhythmic effects;
- Select the rhythm rate;
- Save to the secondary light homepage or exit



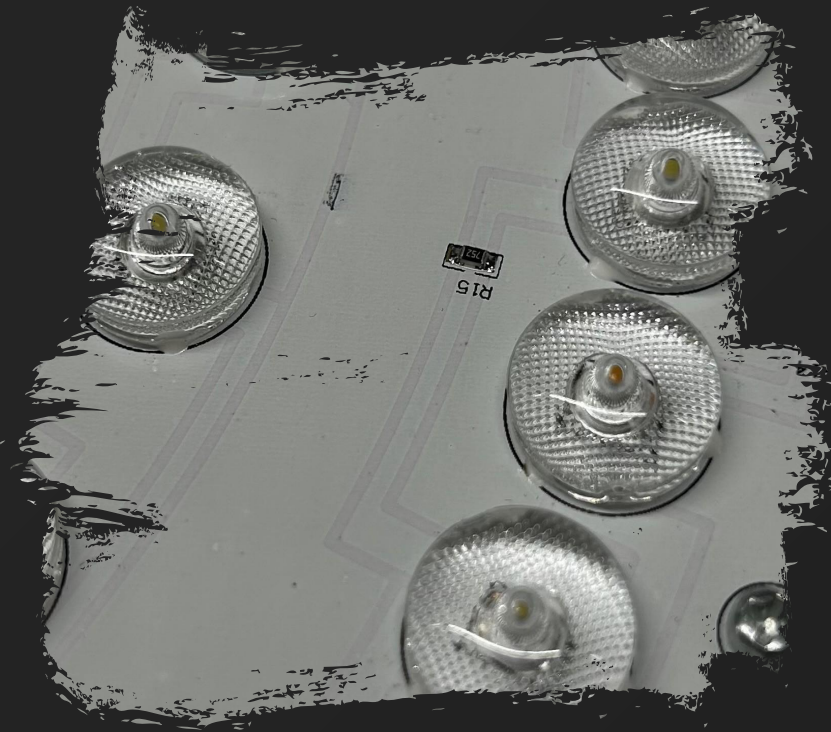
Page ①



Page ②

Product Features - Hardware

Aqara



1

Ra90 high-quality lamp beads have passed LM80 testing for high lifespan, RG0 blue light exemption level, and are more eye friendly. Professional optical lenses, made of high-quality optical grade PC materials, provide more uniform and soft lighting with a wider range of illumination, aiming to provide you with high-quality lighting and make every living space more warm and comfortable;



2

Adopting high-quality and durable MS material lampshade, it is durable, resistant to oxidation and corrosion, does not change color, and does not turn yellow. Its light transmission effect is more uniform and gentle, creating a comfortable ambient light. Starry sky hollowed out design, paired with secondary lighting effect, effortlessly creates a bright night sky scene;

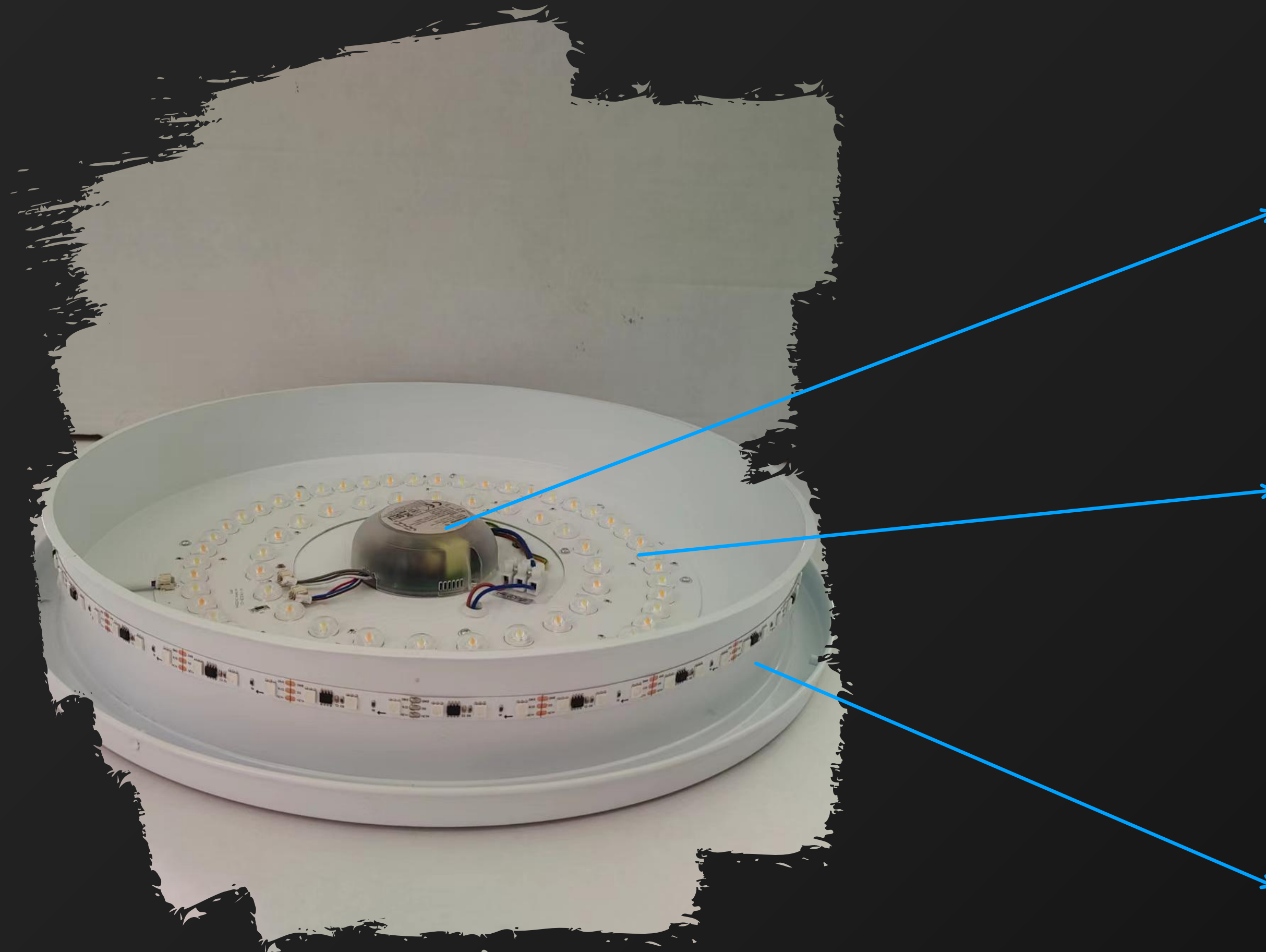


3

Thickening the hardware lamp panel, the metal material is more stable, and the heat dissipation performance is better, which can effectively improve the service life of the lamp and be durable.

Product Features - Hardware

Aqara



Power supply

Main light:

- 2700K-6500K
- Support for adjusting brightness and color temperature

Auxiliary lamp:

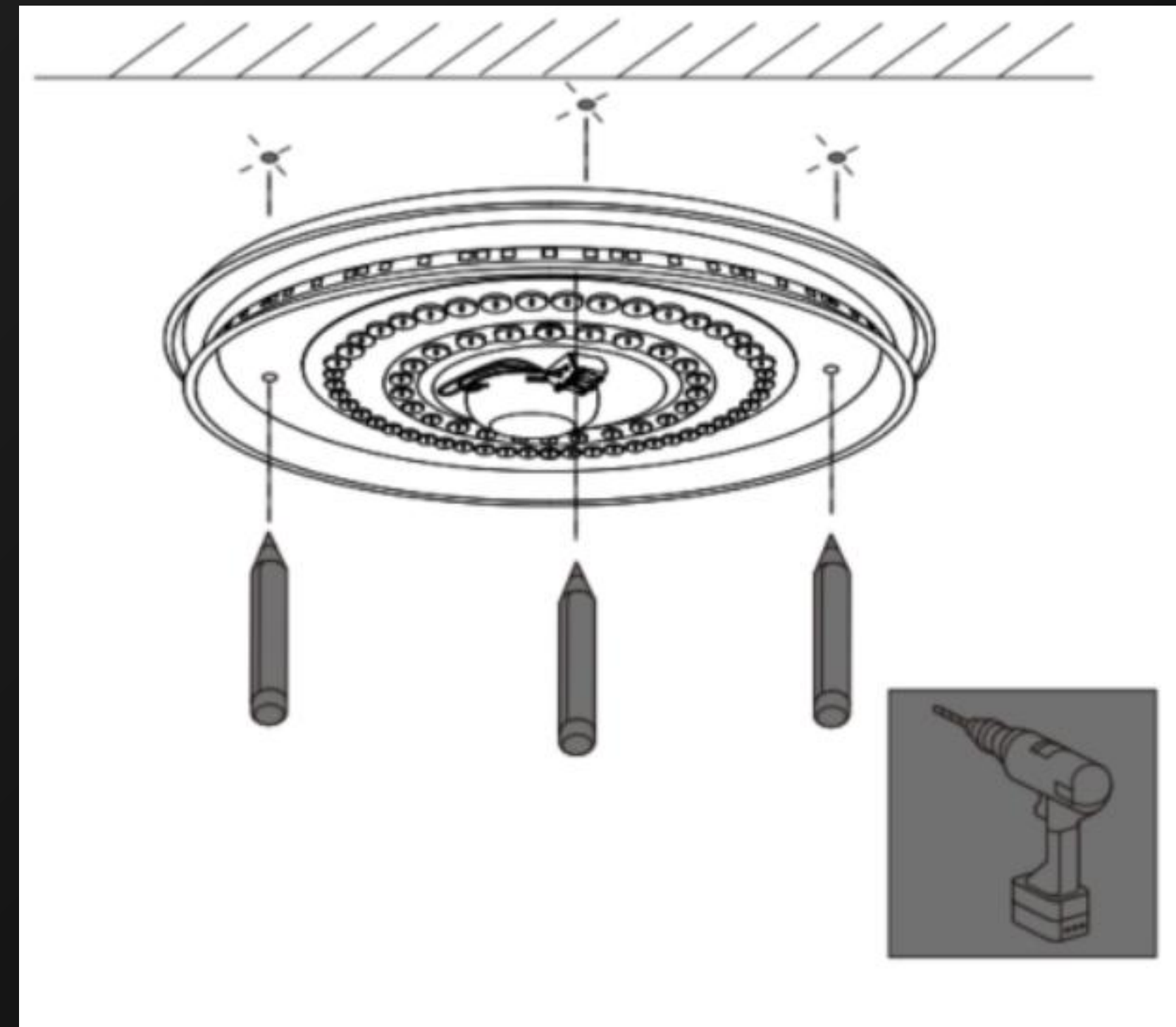
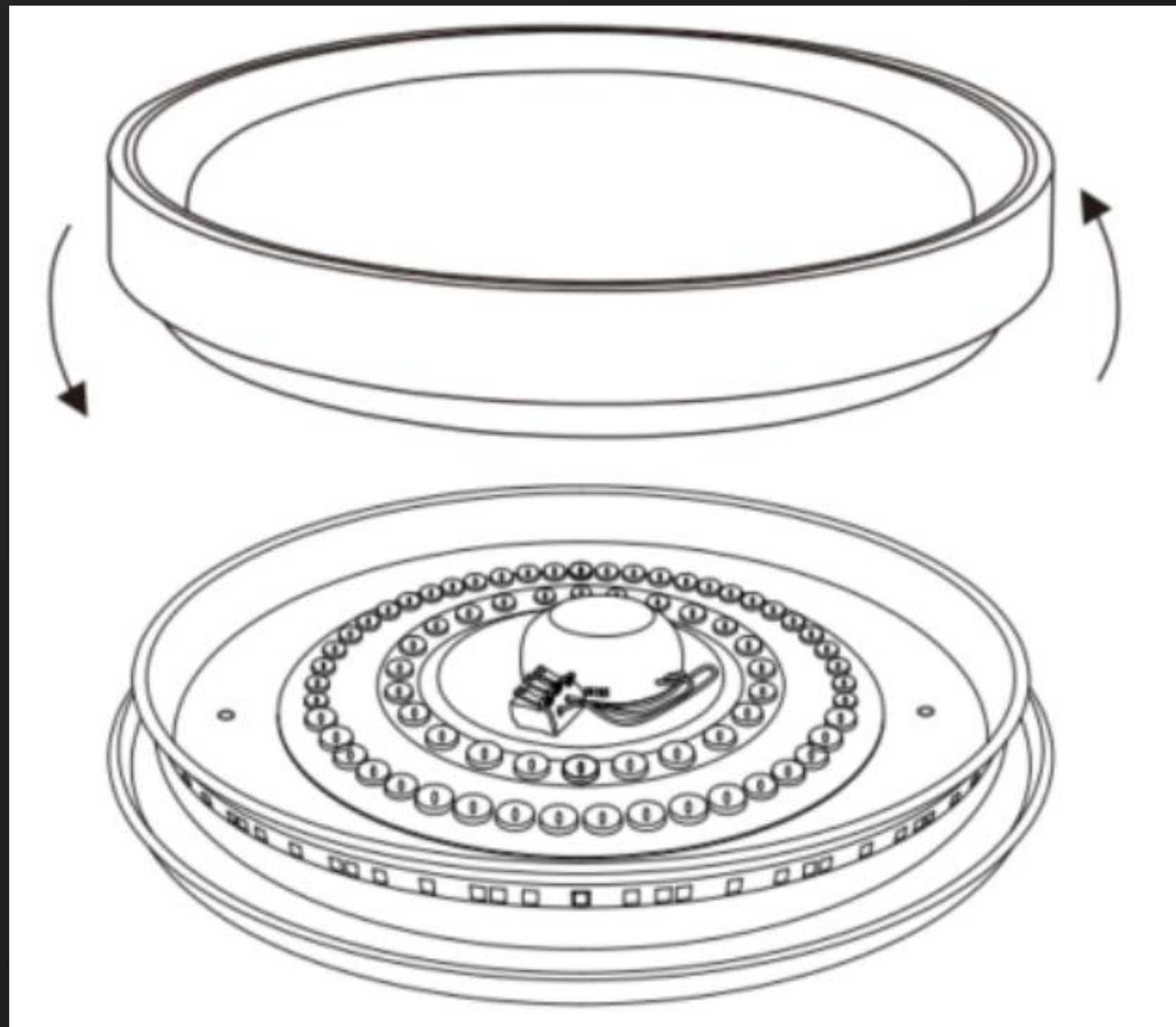
- RGBIC
- Support for adjusting brightness and color
- Provide default dynamic profiles
- Support segmented custom static and dynamic modes

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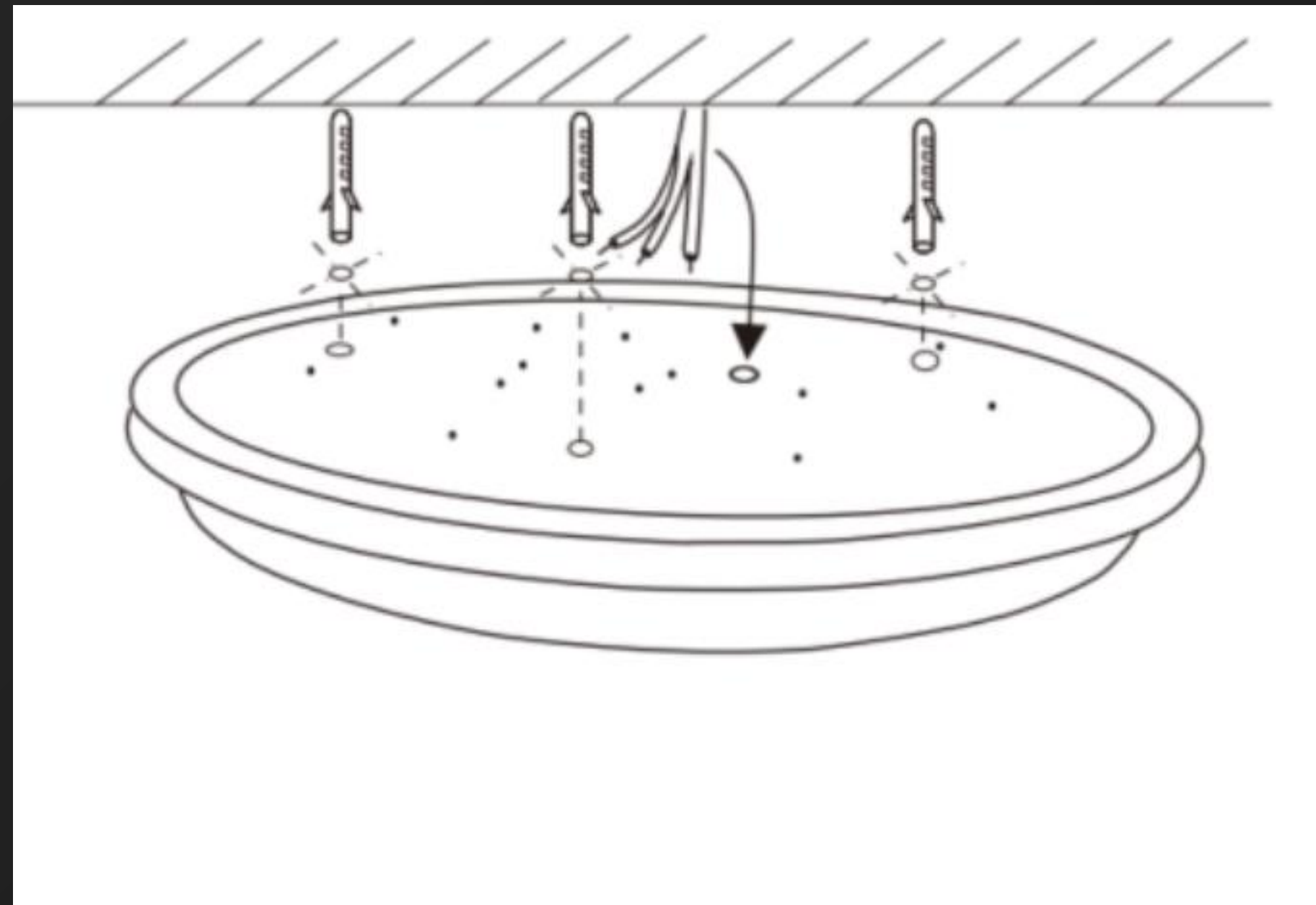
Product Installation

- 1. Cut off the power supply; Unpack and take out the accessory package. Hold the lampshade with both hands and open it counterclockwise as shown in the figure below to remove the chassis;
- 2. Mark the installation hole position on the ceiling according to the installation position of the ceiling lamp using a chassis, and then drill with an electric drill, with a drilling depth of $\geq 40\text{mm}$;

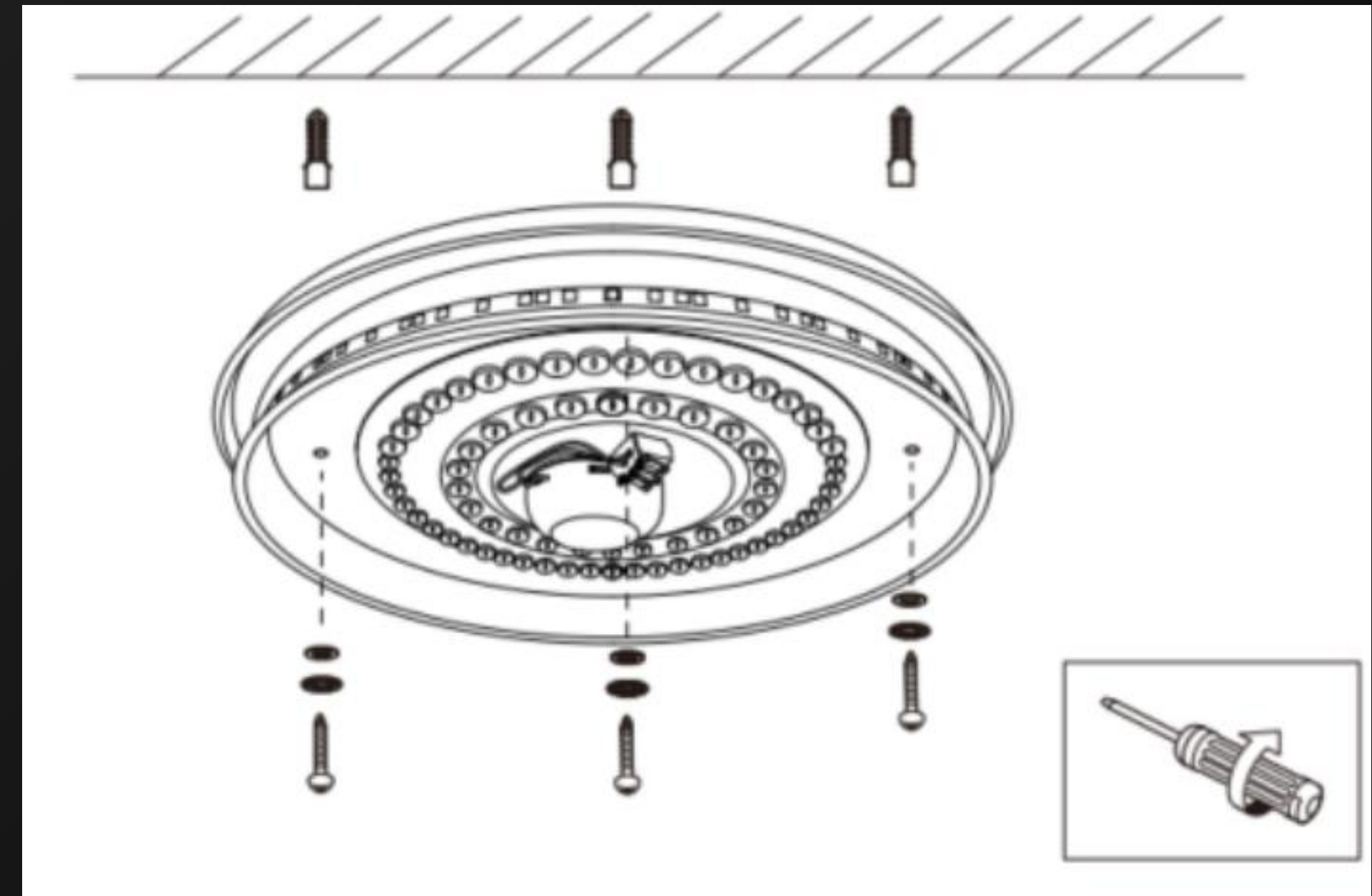


Product Installation

- 3. After drilling, insert the foot nail into the hole and lead out the power cord from the chassis through the hole;

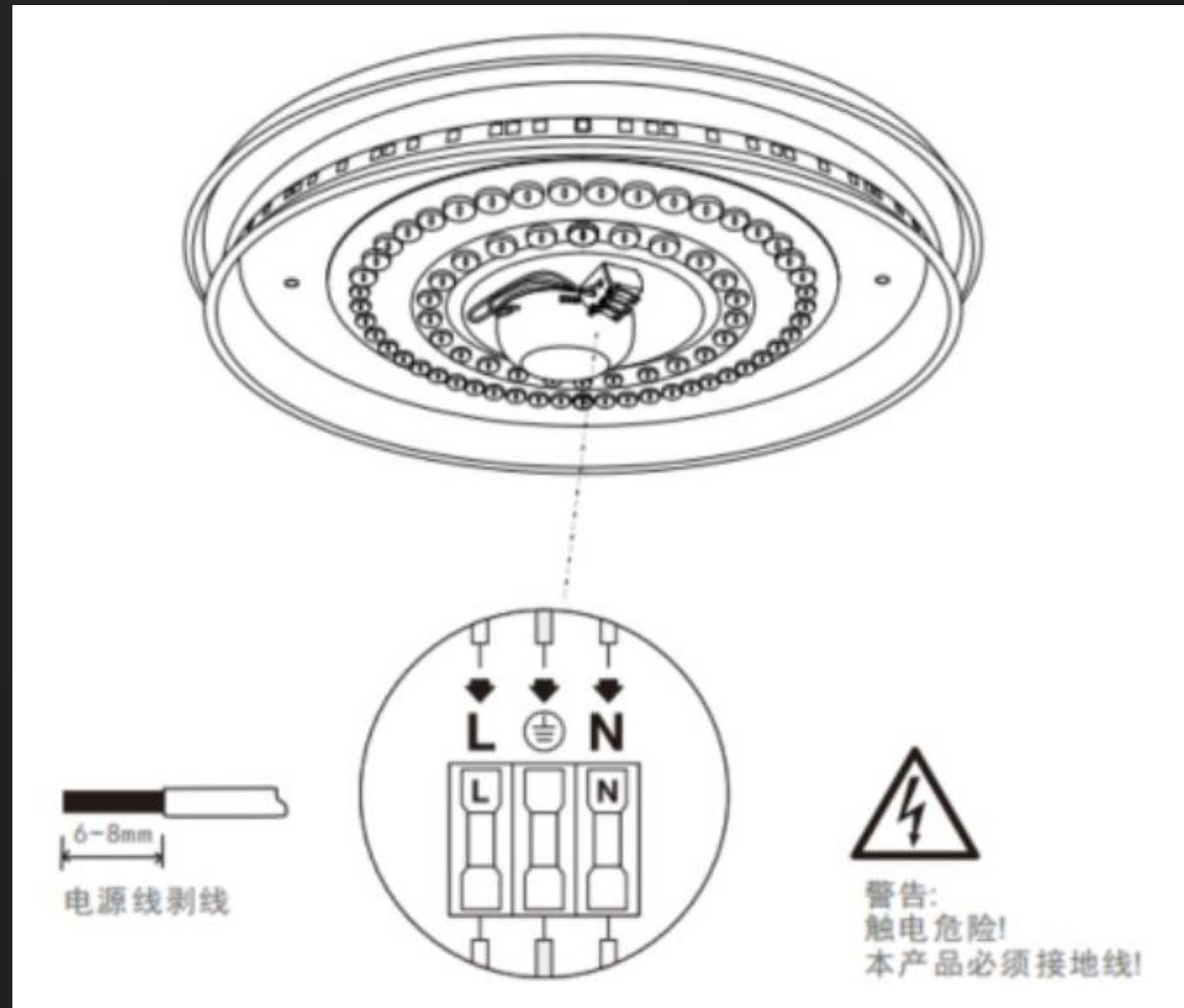


- 4. Align the installation holes of the chassis with the adhesive holes on the wall, fix the chassis on the ceiling with self tapping screws, metal gaskets, and plastic gaskets, and confirm that it is firm and reliable;

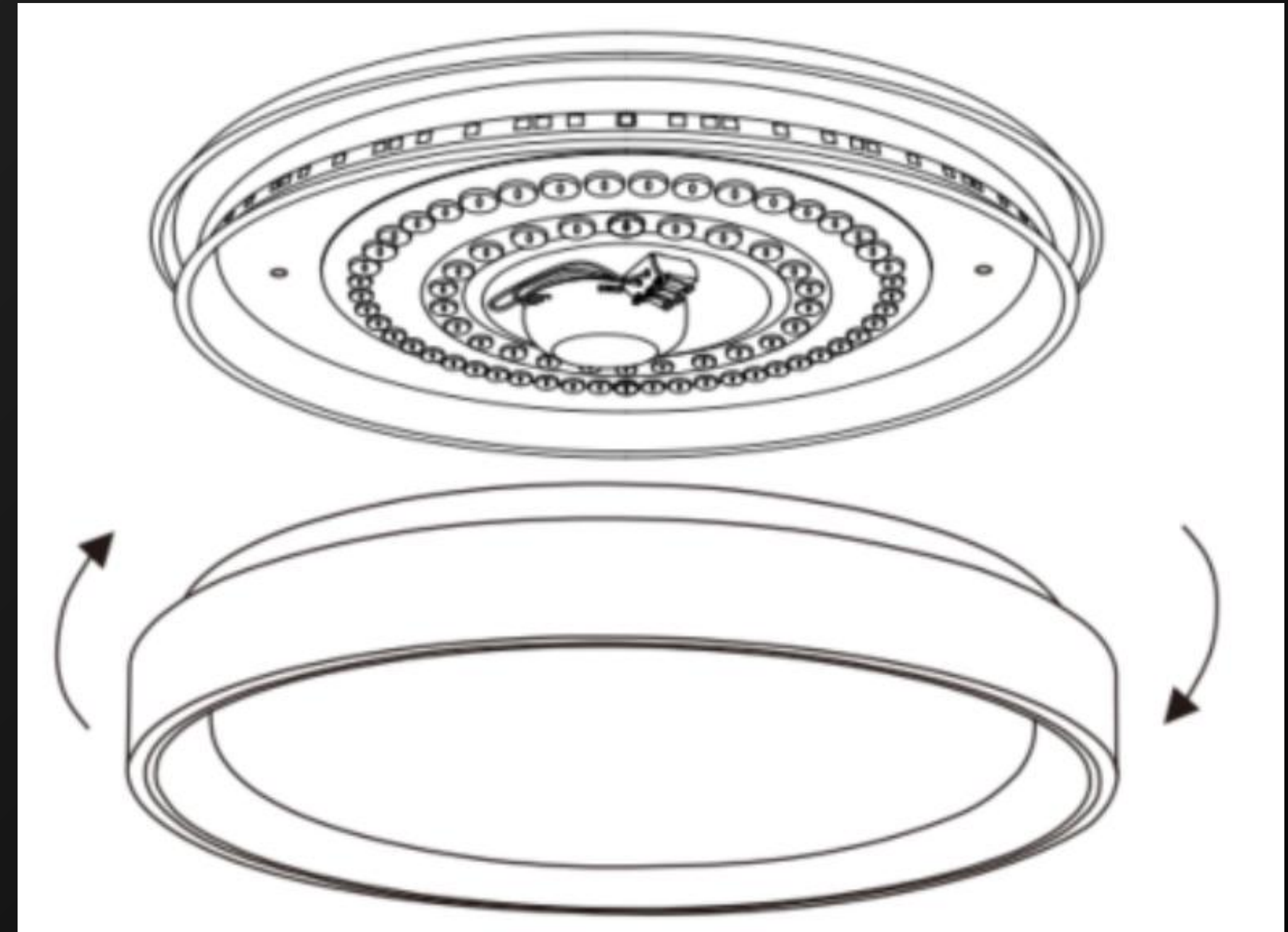


Product Installation

- 5. Peel the power cord out 6-8mm and connect the live wire, ground wire, and neutral wire in sequence to the wiring holes marked with L, , N on the ceiling lamp;



- 6. Hold both sides of the lampshade with both hands, align it with the base and gently buckle it in. Rotate the lampshade clockwise to firmly install it with the base. The installation of the ceiling lamp is complete.

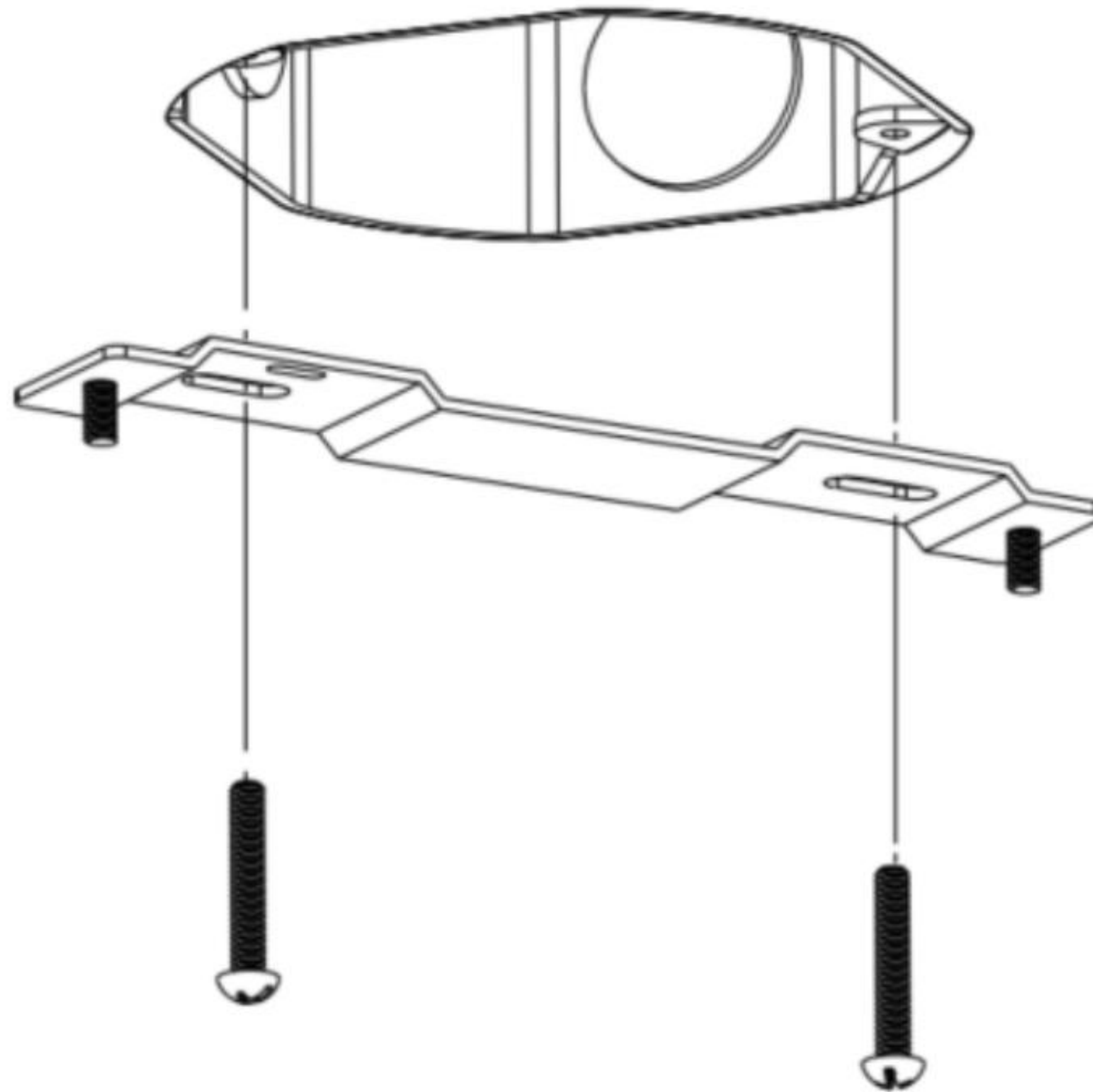


Product Installation



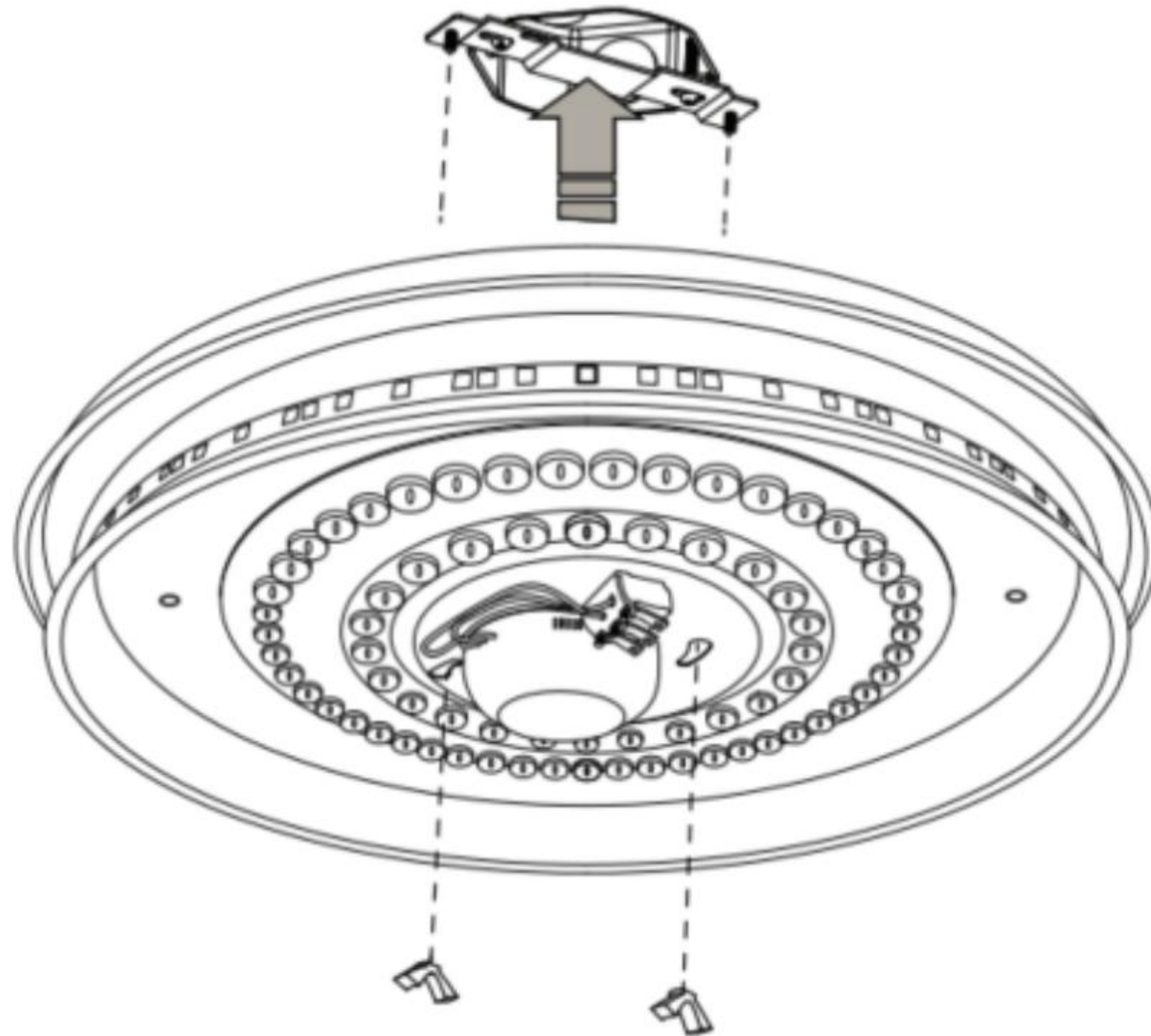
Warning: Before installing the lamp, the power must be cut off to prevent electric shock.

1. Turn off the power at the circuit breaker and the light switch. Install the mounting bracket on the junction box using the junction box screws. Ensure that the two mounting bracket screws are pointing away from the ceiling.



Product Installation

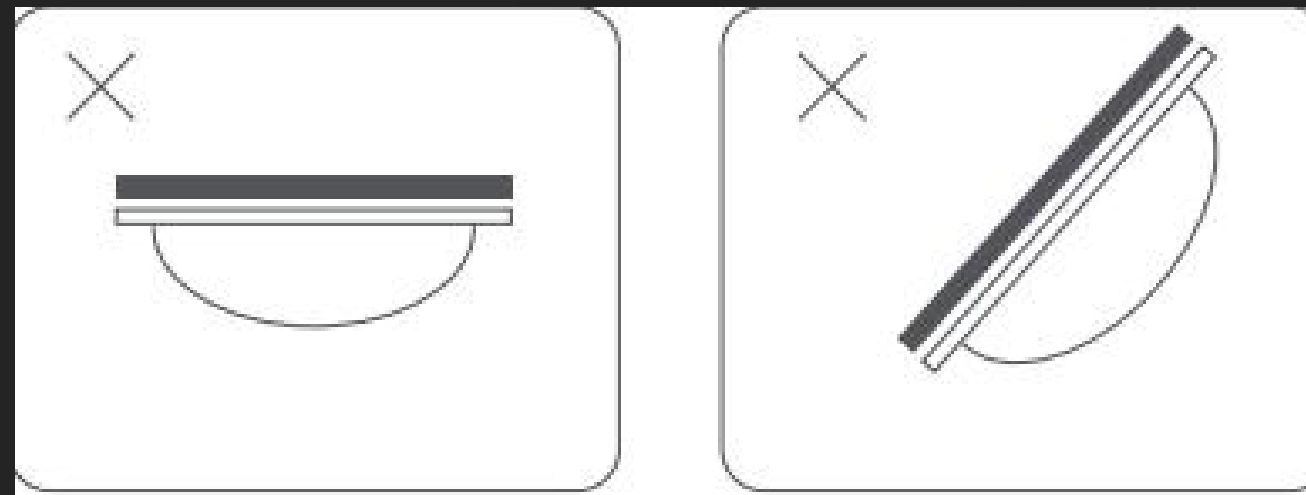
- 2、 Place the base on the mounting bracket. Temporarily screw the base of the luminaire to the mounting bracket using the butterfly screws.



Safety Precautions



Warnings



Unstable ceiling

Inclined site

Warning: To prevent accidents that threaten personal safety such as lamp damage, falling, electric shock, and fire, please strictly follow the instructions for installation and use. Do not modify the lamp or replace components and accessories on your own. Please cut off the power supply before installation to prevent electric shock.

1. Lamps should not be installed on thin, soft or load-bearing ceilings such as gypsum boards, plastic panels, thin metal sheets, etc;
2. The force point of the ceiling in the installation area of the ceiling lamp must be greater than 4 times the weight of the lamp;
3. This product is only for indoor use and cannot be installed above high-temperature objects or damp places;
4. When installing, inspecting, and repairing ceiling lights, please entrust electrical professionals to operate;
5. The light source of this lamp is irreplaceable, when the light source reaches its end of life, the entire lamp should be replaced.

Please Note:

When the light does not turn on after connecting to the power, please confirm whether the installation and wiring of the lighting fixtures are correct.

The light source inside this lamp should be replaced by the manufacturer or its service agent or professionals with similar qualifications.

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1. What are the main and auxiliary lights? How to use it?

The middle part of this lamp is the main light, which provides a dual color temperature of 2700-6500K for main lighting use; The outer part is a secondary light used as RGB ambient lighting. The main and auxiliary lights can be turned on simultaneously and also support independent control and adjustment.

2. Does it have a power outage memory function?

By default, if the power is turned off and then on again, the light will automatically turn on. It can be configured on the APP, and after turning on the power outage memory, the device will remember the state before the power outage.

3. How to reset the ceiling light after it is connected to the network?

Continuously power on & off for more than 5 times (the last time must be powered on), and the light breathes twice and remains constant, indicating completion of reset. The secondary light remains blue when not connected to the network, but turns green after successful connection.

4. How to install ceiling lights?

This lamp is a strong current equipment, and non professionals are not recommended to install it themselves. Please have a licensed electrical professionals perform the installation following the user manual.

5. How to clean the lampshade of the ceiling lamp?

It is recommended to clean the lampshade every six months or one year, turn off the power, support the lampshade with both hands, and rotate counterclockwise to remove it. You can use a soft cloth dipped in water to scrub and avoid using cleaning agents with corrosive or bleach components. Allow to completely dry before installation.

6. What if the light does not work?

The light source of this lamp cannot be replaced. If the lamp reaches its end of life, the entire lamp needs to be replaced.

7. What third-party voice platforms are supported?

HomeKit

8. Can this device be used alone?

No, if the device needs to be connected to the mobile app for use, it must be paired with a supported Zigbee3.0 hub, which needs to be purchased separately. After being paired with a hub, it can be linked with other adaptive smart devices to achieve automation scenarios.

9. What if the device cannot be bound?

1. Confirm whether the hub supported this device, and whether the firmware version and app version are the latest. If not, please upgrade to the latest version first.
2. Check if the number of devices connected to the hub reached the maximum limit.
3. Check if the ceiling light is successfully reset? Reset method: Switch on and off the ceiling light five times, and finally the ceiling light is in the on state and will automatically flash twice.
4. When adding a device, does the hub broadcast "Please add accessory" (Hub like E1 that do not have speaker, will be noted by indicator lights).
5. Replace the connection check of other sub devices and troubleshoot the device itself.
6. Replace the hub and troubleshoot whether the hub is faulty.
7. Regarding the proximity connection of the ceiling light, there is a possibility that the connection may not be successful at once. Please try again several times.

10. What if the device is offline?

1. Please confirm if the hub firmware version and app version are the latest version.
2. Confirm if the distance between the ceiling light and the hub is too far, causing the device to reset when it approaches.
3. Confirm if the hub is offline causing the ceiling light to go offline.
4. Reset the ceiling light and reconnect it.
5. Confirm whether the switch of the ceiling mounted lamp holder is in the open state.
6. It is possible that both the light and hub have been powered off, resulting in a reconnection failure. Zigbee reconnection is based on three heartbeat tests, which takes approximately 5-8 minutes. If the power is lost again during the waiting process and needs to be recalculated, we do not recommend frequent power off or restarting the hub. If the smart light is powered off, it will go offline. Unless it can be powered off during maintenance or warranty, it can be turned off using software or wireless scene switches in other situations.
7. If the hub remains online and the lights are powered off for a long time (i.e. offline), it usually takes about 2 minutes to restore online when powered on again.
8. If the hub is offline or not plugged in when the light is powered on, and the sub device cannot find the hub at this time, it needs to wait for 5-8 minutes to search for the hub again before it becomes online.

11. The ceiling light cannot be controlled or delayed.

1. Make sure the hub and APP versions are the latest
2. Check if there is a problem with the mobile network? Change the mobile network environment and try again.
3. Check if the hub and ceiling lights are far apart, and if there are any wall or other obstacles.
4. Please confirm whether the local wiring switch button controls the lighting fixtures properly
5. Is there a problem with the APP controlling other devices? If there is also a problem with controlling other devices under the same hub, please restart the router or hub. If there is still an uncontrollable or delayed situation, please add the ceiling light to the other hub to check
6. Please reset the device and add it again
7. Is the lamp controlled by a regular switch? Please try using a regular switch to physically switch the lamp and observe if there is a delay.
8. Please check if there is any high-power electrical interference between the hub and the lighting fixtures. If so, please adjust the position of the hub and reset it to add a new ceiling light.

12. The device will automatically turn on and off the lights

1. Please confirm if the hub, lighting fixtures, and APP versions are the latest. If not, please upgrade to the latest version.
2. Please confirm if the lighting fixtures are used in HomeKit and if there is an adaptive function turned on.
3. Please confirm if any related automation has been set up in Aqara Home or HomeKit, especially in the recommended scenario of "people coming with lights on" in the recommended automation section configuration in Aqara Home App, which can be compared through the time point of intelligent log execution to confirm whether it is caused by automation execution.
4. Please power off the hub for 3 minutes and power on again to clear the cache.
5. Reset the lighting fixtures and add them again to observe if there will still be automatic light on/off situations.
6. When turning off the lights automatically, please confirm if it is paired with a neutral wire smart wall switch as the power supply.
7. If the above steps have been checked, please record the automatic on/off log time, device ID, and bulb naming for the technical team to check.

13. After installation, press the switch to turn on the light and it will flash twice

After being powered on, it will automatically enter the binding state, so it will flash twice. Once successfully connected to the hub, it can be resolved. (This situation usually occurs when the hub is not added after the first installation or resetting of the lighting fixtures)

14. Unable to adjust color temperature and brightness

1. Please check if the lighting fixtures can be controlled on and off in the APP to determine if they are online.
2. Please check if the firmware version and app version of the lighting fixture are the latest version.
3. Please check if it is paired with a smart non neutral wire wall switch. Please replace it with a regular switch or a neutral wire switch.
4. Please reset the lamp and try adding it again.

THANK YOU