

# NANLITE

miro 30c / 60c LED Full-color Round Panel Light

## USER MANUAL

Version: V1.0  
2025-06-10

## Revision History

Version	Date (Y-M-D)	Note
V1.0	2025-06-10	File First Publish

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# 1. Introduction

Thank you for purchasing the Nanlite products – miro 30c and miro 60c!

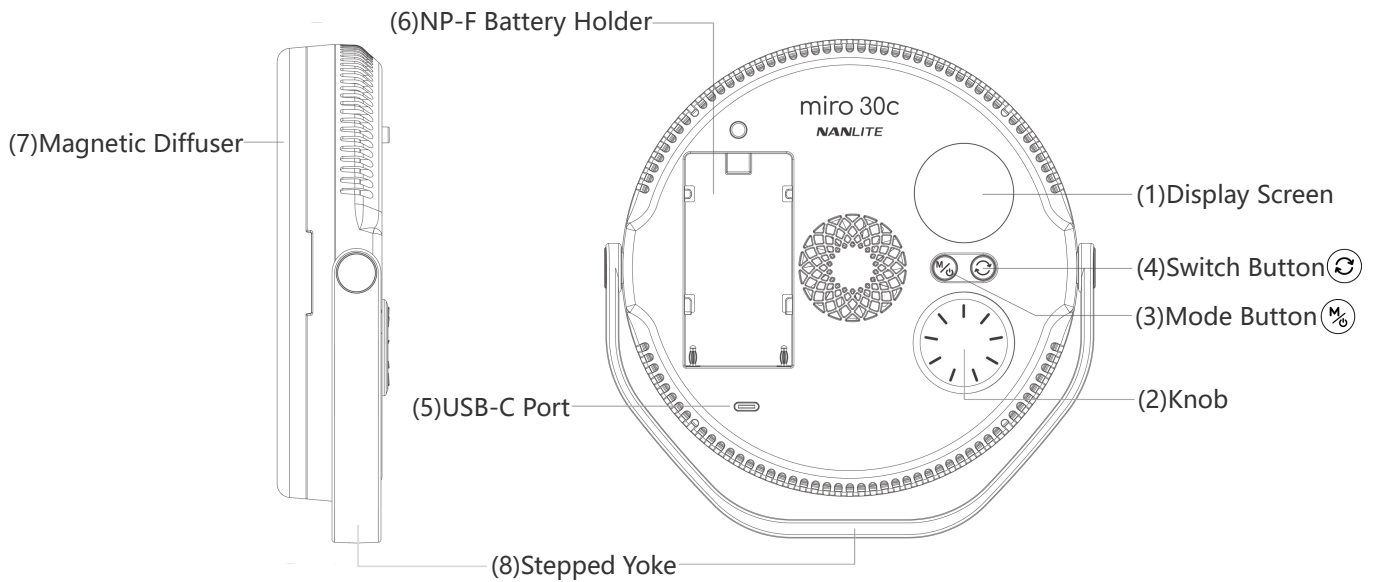
The miro 30c and miro 60c are stylish full-color round panel lights with impressive illuminance. With a color temperature range of 2700K to 7500K, 36,000 built-in color options, and 14 dynamic effects, the fixtures allow quick adjustments and make it easy to create energetic scenes. Equipped with a USB-C port and NP-F battery holder, they ensure reliable operation during live streaming or on-the-go shooting. The stepped yoke and the included 5/8" baby receiver with 1/4"-20 thread allow for flexible multi-angle mounting and versatile placement. In addition to on-board controls, they support wireless control via the NANLINK APP for more efficient lighting operation.

Before using miro 30c and miro 60c, please read this manual carefully to ensure you can fully utilize all the features. Hope them can work with you to create more brilliant results together.

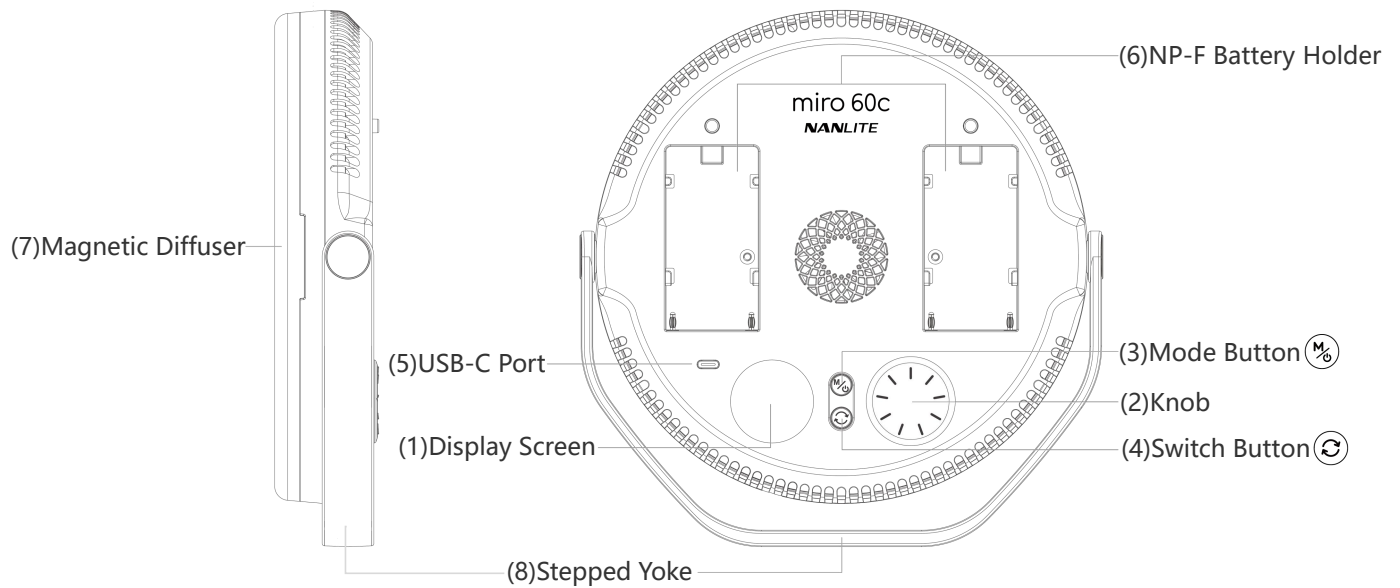
## 2. Product Overview

### 2.1. Product Layout

#### miro 30c



#### miro 60c



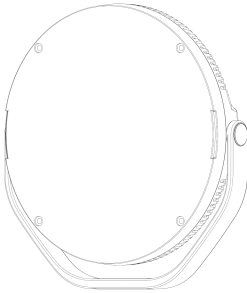
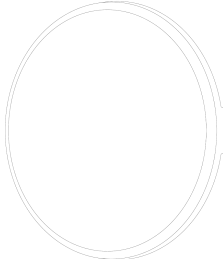



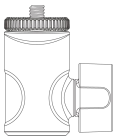
- (1) Display Screen: For displaying the lighting status and settings.
- (2) Knob: For adjusting parameters or options.
- (3) Mode Button (M%): For switching between CCT, HSI, effect modes, and the menu, also turning the fixture on or off.
- (4) Switch Button (↺): For switching parameters or options.
- (5) USB-C Port: For connecting the power source.
- (6) NP-F Battery Holder: For installing the NP-F battery to power the fixture.
- (7) Magnetic Diffuser: For making the light softer and even.
- (8) Stepped Yoke: For mounting the fixture, adjusting the fixture's tilting angle.

## 2.2. Specifications

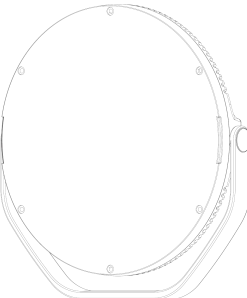
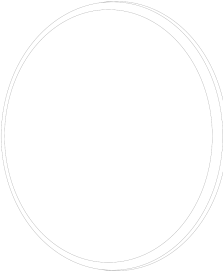



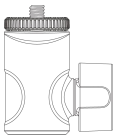
Model Name	miro 30c	miro 60c
Rated Power	30W	60W
Input Voltage/Current	7.4V NP-F battery PD3.0 adapter PD3.0 (9-20V) 20W Min	2×7.4V NP-F batteries PD3.0 adapter PD3.0 (9-20V) 20W Min
LED Light Engine	Nebula C4 Light Engine: RGBW	
CCT	2700K→7500K (GM±150)	
CRI	Average 95	
TLCI	Average 93	
TM-30 Rf	Average 92	
TM-30 Rg	Average 99	
Dimming	0%→100%, by 1% increment	
Control	On-board, NANLINK APP	
Special Effects	Hue Loop, CCT Flash, Hue Flash, CCT Pulse, Hue Pulse, Storm, Police Car, TV, Paparazzi, Candle/Fire, Disco, Bad Bulb, Firework and Explosion	

## 2.3. Includes

### miro 30c

miro 30c × 1	Magnetic Diffuser × 1	Carrying Bag × 1
		
User Manual × 1	USB-C Cable × 1	5/8" Baby Receiver with 1/4"-20 Thread × 1
		

### miro 60c

miro 60c × 1	Magnetic Diffuser × 1	Carrying Bag × 1
		
User Manual × 1	USB-C Cable × 1	5/8" Baby Receiver with 1/4"-20 Thread × 1
		



### 3. Safety Instructions

Please read and understand all safety instructions before installing or operating the fixture. Always follow the instructions to avoid personal injury and fixture damage. Retain all safety and operating instructions for future reference.

#### Electrical:



#### **Danger**

Please keep the fixture away from liquids or damp environments to prevent short circuits and other accidents.



#### **Caution**

Please ensure that the fixture is turned off before storing or transporting.



#### **Caution**

Please use proper and undamaged USB-C cable to connect the fixture correctly, avoiding the risk of electric shock or fixture damage.

#### Installation:



#### **Caution**

Please pay special attention to the impact of wind and take appropriate reinforcement measures when installing outdoors.

#### Operation:



#### **Danger**

Please stop using the fixture immediately if the fixture housings show visible damage.



#### **Danger**

Please do not use the fixture near flammable or explosive materials.



#### **Danger**

Please be cautious, as the flashing effect may trigger seizures.



#### **Caution**

Please ensure the fixture is used in an environment between -20°C and 45°C; operating outside this temperature range may damage the fixture.

**Caution**

Please do not look directly at the light source without wearing protective glasses, as this may cause irreversible eye injury.

**Caution**

Please do not allow children to use this fixture to prevent accidents.

**Maintenance:****Caution**

Please ensure the fixture is completely dry before operating or storing it after exposure to moisture.

**Notice**

Please do not disassemble or repair any part of the fixture on your own, as this will void the warranty. Maintenance and repair work should be carried out by an authorized service center and professional personnel.

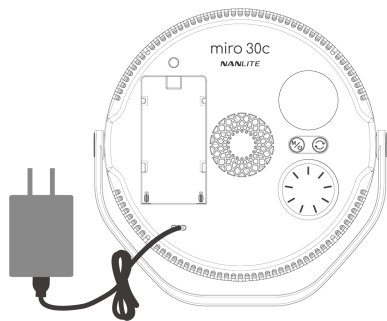
**Notice**

Please ensure the fixture is stored away from the following environments or items: extreme temperatures, direct sunlight, high humidity, strong vibrations, pressure damage, dust, strong magnetic fields, and flammable or explosive substances.

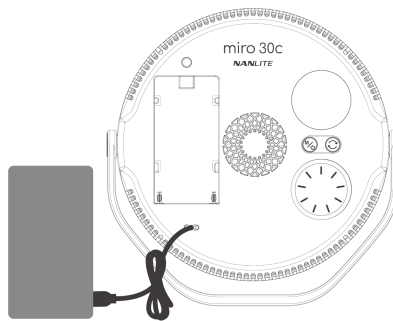
## 4. Installing Instructions

### 4.1. Connecting the Fixture with the Power Source

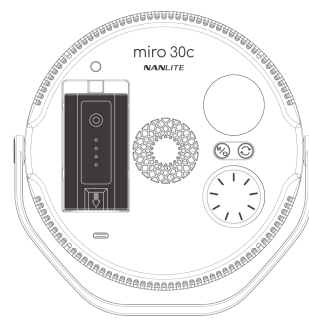
The fixture can be powered by a charger or power bank, and also supports NP-F battery power.



powered by charger



powered by power bank



powered by NP-F battery

▲ Note: ①The charger, power bank and NP-F battery are not included.

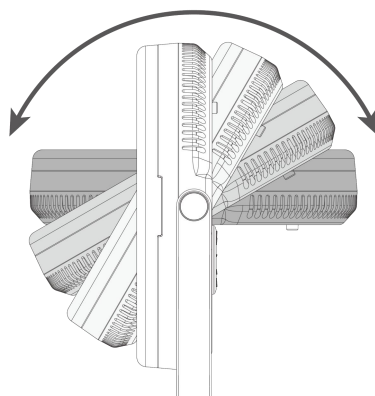
②The charger or power bank must comply with the PD 3.0 standard (9–20V, 20W or above), and the USB-C cable must support the PD 3.0 protocol.

③After installing the NP-F battery, if the charger or power bank is also connected, the fixture will prioritize battery power. To use the charger or power bank for power supply, please remove the battery.

④The miro 60c requires two NP-F batteries for full-power operation. Using only one battery will limit the maximum brightness.

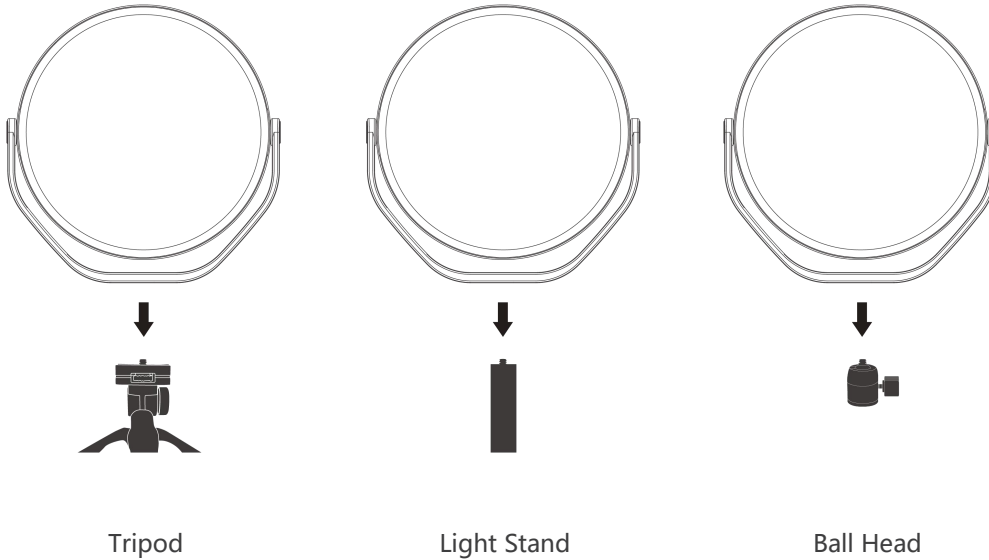
### 4.2. Stepped Yoke Usage

The stepped yoke is designed to mount the fixture and adjust the tilting angle, offering 20 positions with 18° intervals, allowing flexible adjustment of the lighting direction by selecting different angles.



### 4.3. Installing via 1/4"-20 Mount

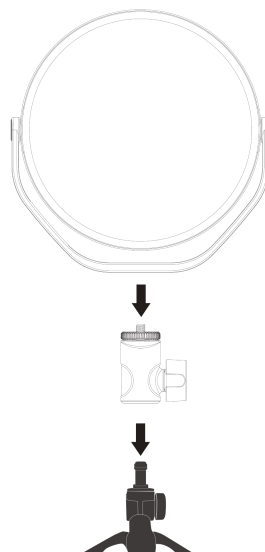
The stepped yoke is designed with a 1/4"-20 mount, enabling the fixture to be installed on a tripod, light stand, or ball head that with 1/4"-20 thread, for various mounting options (These accessories are sold separately).



### 4.4. Installing via 5/8" Baby Receiver with 1/4"-20 Thread

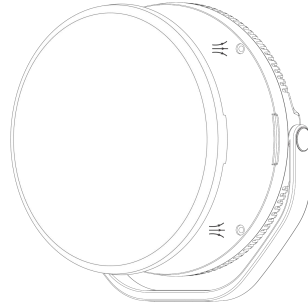
With the 5/8" baby receiver featuring a 1/4"-20 thread, the fixture can be mounted on a stand with a top stud diameter of 5/8" or smaller (the stand is not included).

To install, insert the 5/8" baby receiver onto the top of the stand, tighten the knob securely, and mount the fixture on the 5/8" baby receiver.



## 4.5. Installing the Magnetic Diffuser

Align the magnetic diffuser with the emitting surface of the fixture, bring it close to the fixture, and it will attach to complete the installation.



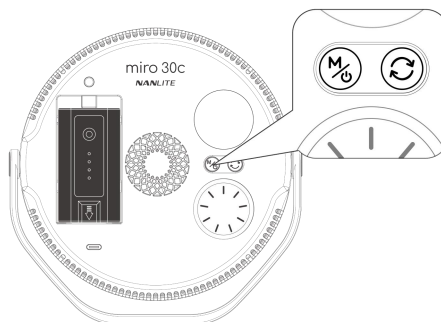
## 5. Operating Instructions

### 5.1. Turning On/Off

① The fixture can be powered by a charger or power bank. When "Auto On" is set to on, the fixture will power on automatically once connected to a power source. If "Auto On" is set to off, press the **Mode button** (M%) for 2s to turn on the fixture.



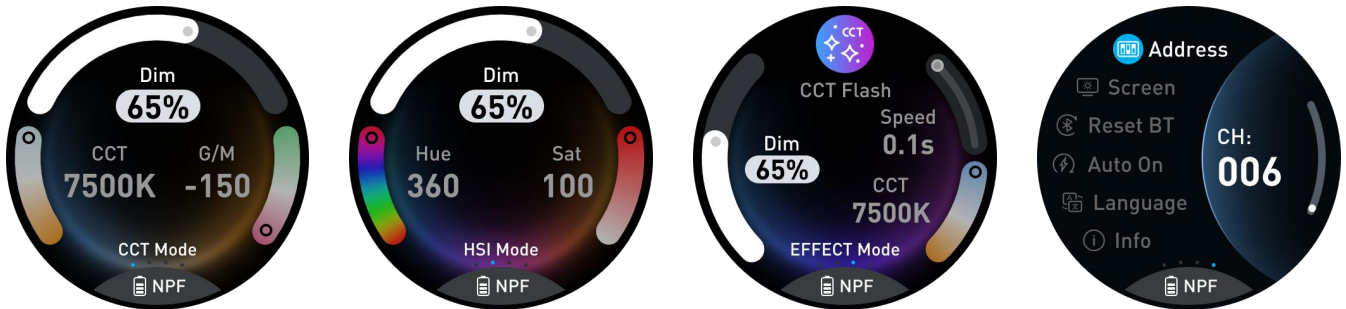
② When powered by an NP-F battery, press the **Mode button** (M%) for 2s to turn on the fixture. To turn off the fixture, press the **Mode button** (M%) for 2s.



## 5.2. On-board Control

### (1) Interface Switching

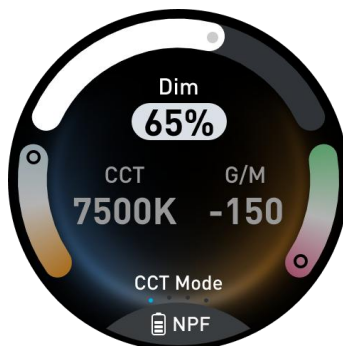
Press the **Mode button** (M) to switch to the next mode interface (including the menu). The mode interfaces include CCT mode, HSI mode, Effect mode, and the Menu.



### (2) Mode Operation

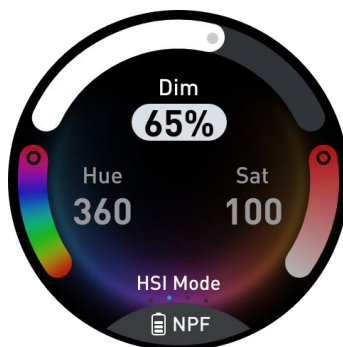
#### ① CCT Mode

Press the **Switch button** (S) to toggle between brightness, color temperature, and green/magenta adjustment. Rotate the **Knob** to adjust the corresponding value.




#### ② HSI Mode

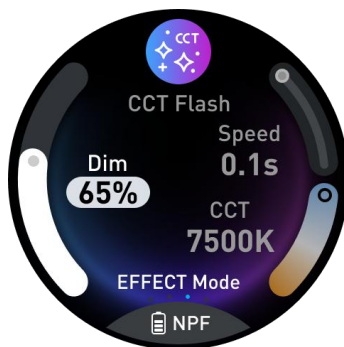
Press the **Switch button** (S) to toggle between brightness, hue, and saturation. Rotate the **Knob** to adjust the corresponding value.



## ③ Effect Mode

Press the **Switch button**  to select parameters (including the effects). Rotate the **Knob** to adjust the corresponding value (or switch the effects).

The miro 30c and miro 60c have 14 built-in effects, including Hue Loop, CCT Flash, Hue Flash, CCT Pulse, Hue Pulse, Storm, Police Car, TV, Paparazzi, Candle/Fire, Disco, Bad Bulb, Firework and Explosion.



## (3)Power Display Instructions

### ① Powered by charger or power bank

When the fixture is powered via a USB-C cable connected to a charger or power bank, a plug icon will appear in the status bar at the bottom of the screen.








### ② Powered by NP-F battery

When the fixture is powered by an NP-F battery, a battery icon will appear in the status bar at the bottom of the screen. If the fixture is powered by two NP-F batteries, two battery icons will appear.

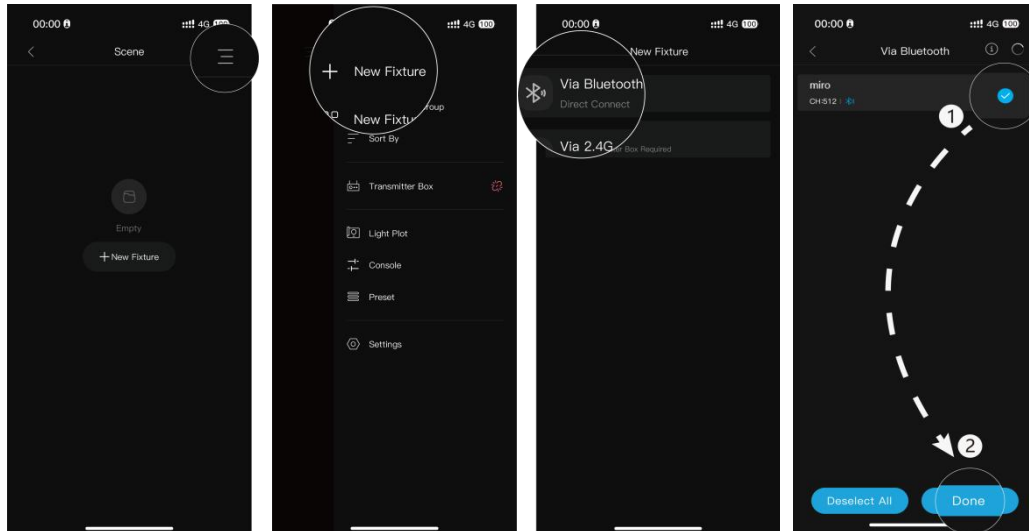


The battery icons and the corresponding battery levels:

Icon					
Battery Level	0%→5%	6%→25%	26%→50%	51%→75%	76%→100%

## 5.3. NANLINK APP Control-via Bluetooth

Turn on the Bluetooth of the phone, enter the NANLINK app, in the scene interface and open the right sidebar to add a fixture: Scene → Menu button at the top right → New Fixture → Via Bluetooth.



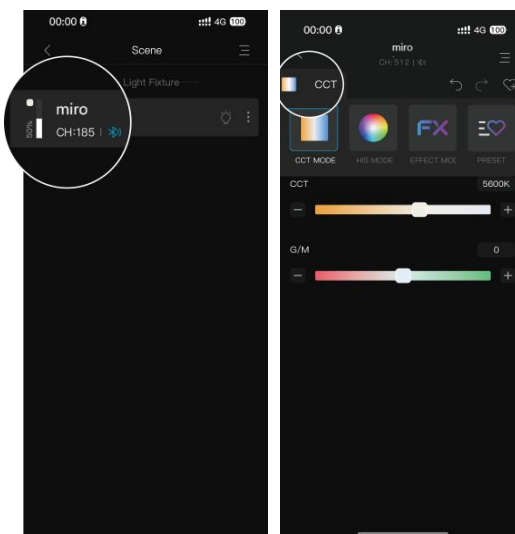
If the fixture can't be searched on the app, please reset the Bluetooth on the fixture and try again.

**Reset Bluetooth:** In the menu, select the Reset Bluetooth, then long press the **Switch button** (⏻) to reset the Bluetooth.





After connecting via Bluetooth, tap the fixture just added in the fixture list on the app to enter the control interface. Then, tap the mode in the top left corner to switch modes.



## 5.4. Menu

In the menu, there are options including Address, Screen Brightness, Reset Bluetooth, Auto On, Language, and Info.

In the menu, press the **Switch button** (⌂) to select the menu, then rotate the **Knob** to adjust the parameters or options on the right side. After the operation is complete, the parameters or options will be automatically saved in real-time (except Reset Bluetooth and Info).



**Reset Bluetooth:** Press the **Switch button** (⌂) to select the Reset Bluetooth, then long press the **Switch button** (⌂) to reset Bluetooth.

**Info:** Displays the version information of fixture, with no options to operate.

## 5.5. Firmware Update


Connect the fixture to the phone, download and update the fixture's firmware through the App. The specific steps are as follows:

In the scene list where the fixture is located, tap the menu button on the right side of the navigation bar. In the settings, find Firmware Update and select the fixture that needs to be updated. Once the update is successful, the fixture will automatically restart to complete the firmware update.

▲ Note: ① If the instruction "Updated. Restart soon" is displayed, please do not operate, wait for 2s, and the fixture will automatically restart to complete the update.

② If the instruction "Failed. Please retry on the APP" is displayed, please perform the firmware update again on the app. If the firmware update still fails after performing the above step, please contact after-sales technical support.

## 6. Troubleshooting for Common Issues

Issues	Troubleshooting Guide
The fixture can't power up or be operated.	<ol style="list-style-type: none"> <li>1. Please check whether the power source is functioning properly. If the NP-F battery is out of power, please replace it or connect a charger/power bank to power the fixture.</li> <li>2. Please check whether the NP-F battery is 7.4V, or if the PD 3.0 power source supplies 9–20V at 20W or above.</li> <li>3. Please check whether the temperature is too high. Keep the fixture away from heat sources or provide proper ventilation for cooling.</li> </ol>
The fixture does not power on automatically when connected to a power source.	<ol style="list-style-type: none"> <li>1. Please make sure the power source is a charger or power bank, instead of a battery.</li> <li>2. Please make sure the "Auto On" function is turned on.</li> </ol>
Bluetooth cannot be connected during firmware update.	Please check whether a new device is connected. Long press the <b>Switch button</b>  for 2s to reset Bluetooth, then try again.
The screen brightness is too low.	<ol style="list-style-type: none"> <li>1. Please check the screen brightness settings in the menu and adjust to an appropriate level.</li> <li>2. Please check whether the screen is in sleep mode. Press any button or turn the <b>knob</b> to activate the screen.</li> </ol>

Please scan the QR code for more details.



【Nanlite Website】



【NANLINK APP】

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