EAGLERISE NFC APP Instructions

Catalog

1. Installation of the App 1

1.1 Android version download 1

1.2 Download for IOS 1

2. Connection Operation 1

3. Reading Data 3

4. Writing Data 4

4.1 Current Configuration 4

4.2 Dimming Curve 5

4.3 DIP Switch 5

4.4 Short Addresses 6

4.5 Emergency Mode 7

4.6 DALI Basic Parameter 8

4.7 Lighting Maintenance Information 8

4.8 Corridor Mode 9

4.9 OEM Parameter 10

4.10 Batch Data Writing 11

4.11 Restore Factory Settings 11

5. New and Old Replacement Maintenance 12

6. Points for Attention 12

1. Installation of the App

1.1 Android version download

①Scan the QR code below to download the APP.

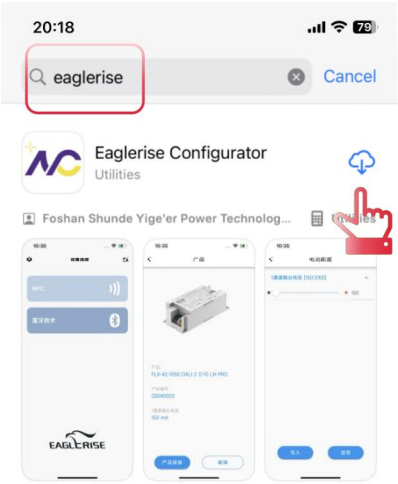
②After downloading and installing, you can open it and use it.

1.2 Download for IOS

①Open the APP store.

②Search for "eaglerise".

③Click Install to complete the download and use.

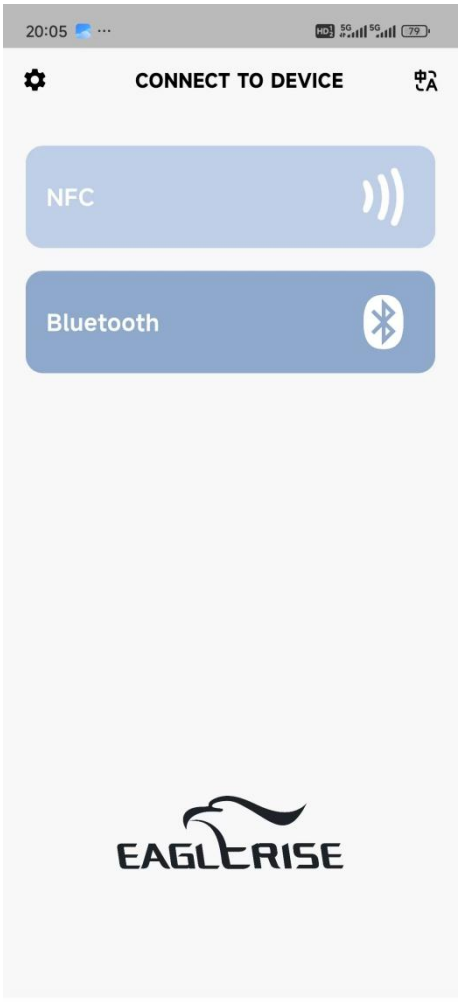


2. Connection Operation

2.1 Mobile Phone NFC Read and Write Data

① Turn on the NFC function on your phone.

② Put your phone close to the NFC driver to read (the NFC of the phone is usually on the back of the phone. If it fails, please move the position slightly several times)



2.2 Bluetooth Connection to Read and Write Data

If the mobile phone does not have the NFC function, you can use Bluetooth device to read and write it.

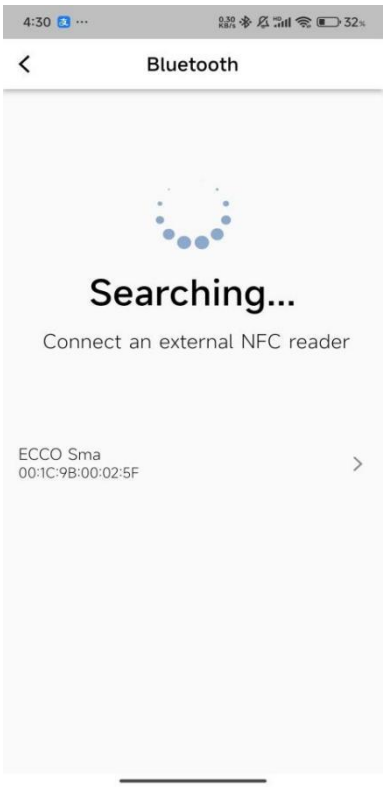
① Press the power button of the Bluetooth device to turn on the device.

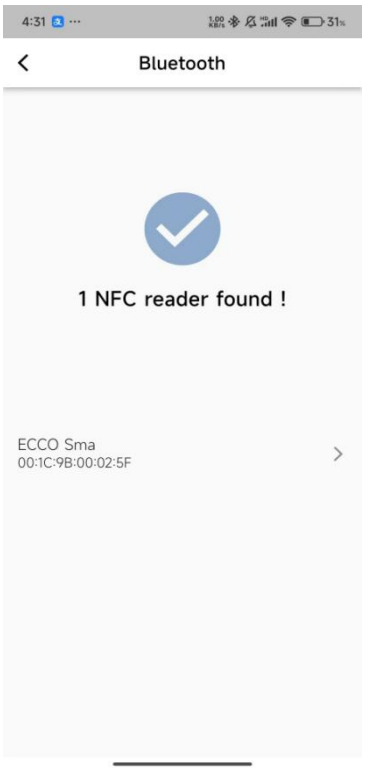
② After turning on the device, the indicator light flashes quickly.

③ Turn on Bluetooth on the phone and search for Bluetooth devices to connect.

④ After the connection is successful, the indicator light stays on.

⑤ The Bluetooth device is close to the NFC driver.





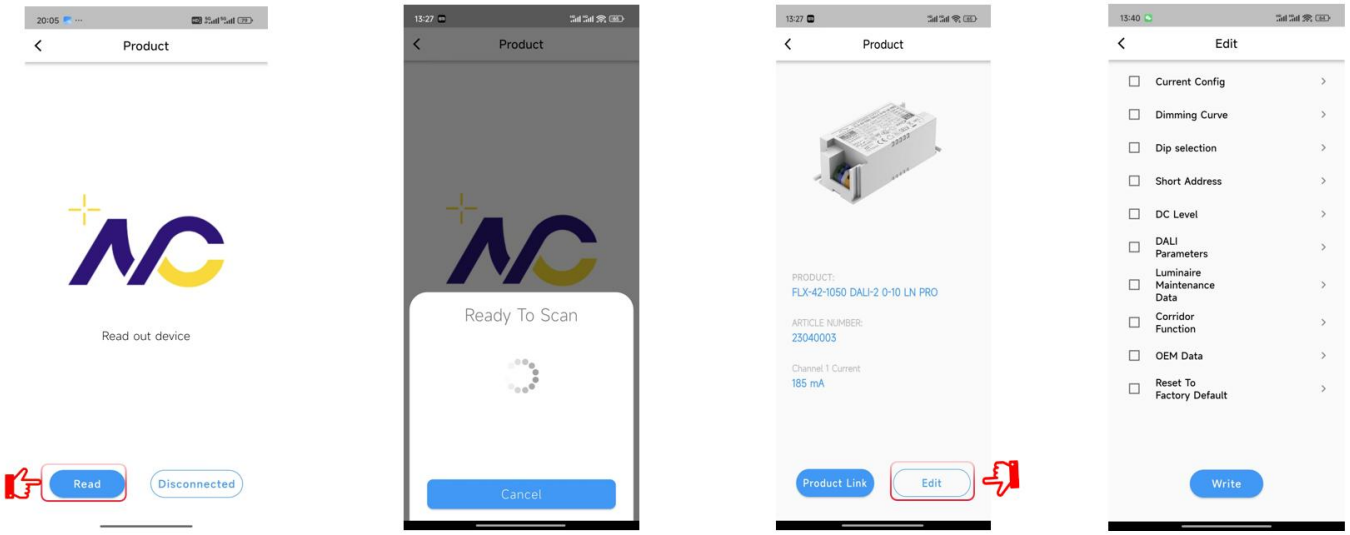
3. Reading Data

① Click "Read".

② After reading successfully, the product information will be displayed. If you click "Product Link", the page will jump to the product page of Eaglerise's official website, where you can see more about this product introduction and download product specifications, product

certificates and other information.

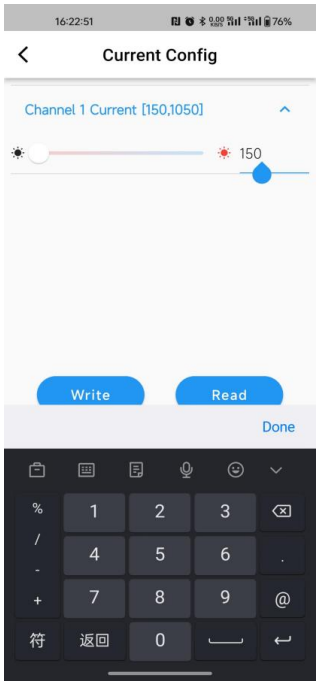
③If you click "Edit", you can set various parameters of the product.



4. Writing Data

4.1 Current Configuration

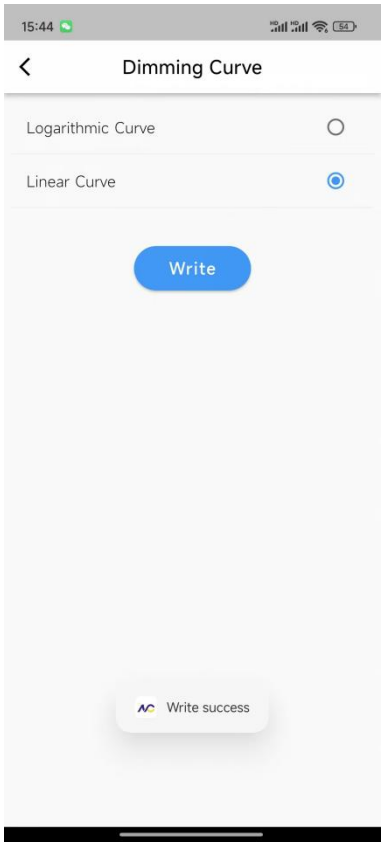
According to your own needs to set the output current by the driver. You can choose to drag the cursor to set the current, or directly enter the current on the far right. After setting, click “Write”. The phone can be placed close to the NFC of the driver to write. After completion, it will prompt “Write successfully” .



4.2 Dimming Curve

The dimming curve can be selected as a logarithmic curve or a linear curve. The difference between the two depends on the specific application requirements and the user's visual experience requirements.Linear dimming provides uniform brightness changes, while logarithmic dimming provides brightness changes that are more in line with the human eye's perception, which can be used according to the actual use of the environment and the user's needs to decide which dimming method to use.

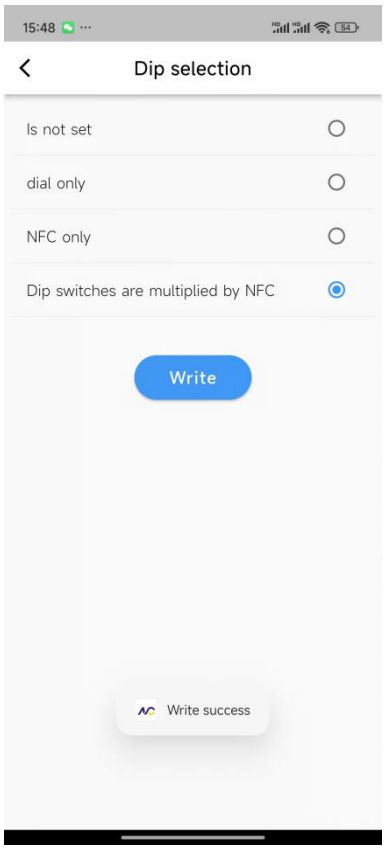
After the settings are completed, click "Write". The phone can be placed close to the NFC of the driver to write. After completion, it will prompt "Write successfully".



4.3 DIP Switch

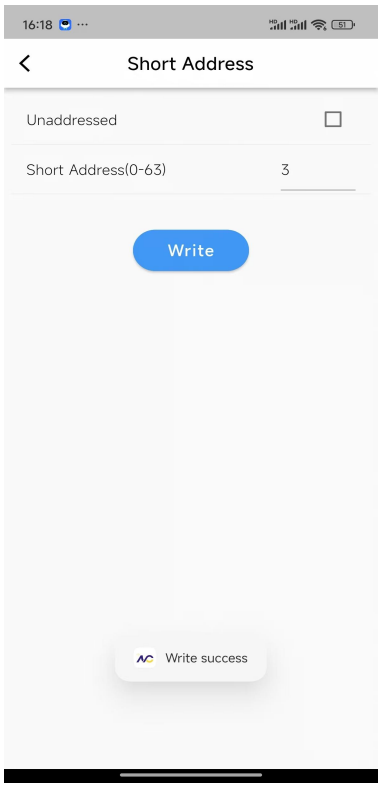
The Dip Switch can be selected into different types according to user needs. "Dip only" means that the current can only be set through the DIP code, "NFC only" means that the current can only be set through NFC, and "Dip and NFC multiplication" means that the current can be set

through the DIP code or NFC at the same time, not just one way to set the current. After the settings are completed, click "Write". The phone can be placed close to the NFC of the driver to write. After completion, it will prompt "Write successfully".



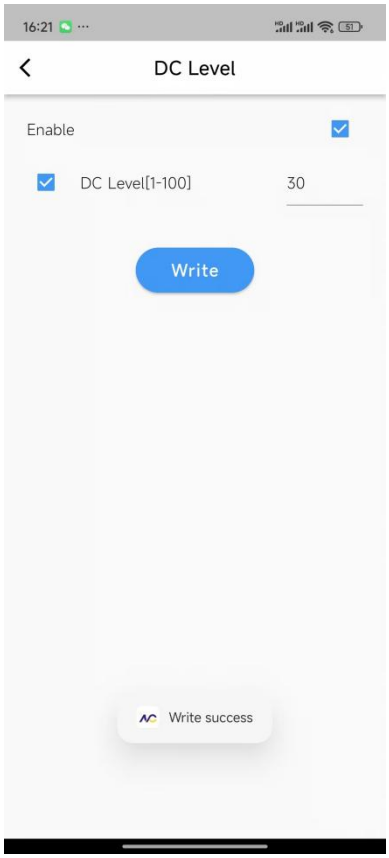
4.4 Short Addresses

Short addresses can only be used in DALI drivers. A standard DALI system can have up to 64 power supplies with independent addresses. The maximum current provided by the DALI system is 250mA, which is a limitation of the DALI system. After the settings are completed, click "Write". The phone can be placed close to the NFC of the driver to write. After completion, it will prompt "Write successfully".



4.5 Emergency Mode

The emergency mode will only take effect when the drive has an emergency function and is connected to the emergency system. At that time, the current output percentage of the emergency mode can be set to save energy and electricity. After the settings are completed, click "Write". The phone can be placed close to the NFC of the driver to write. After completion, it will prompt "Write successfully".



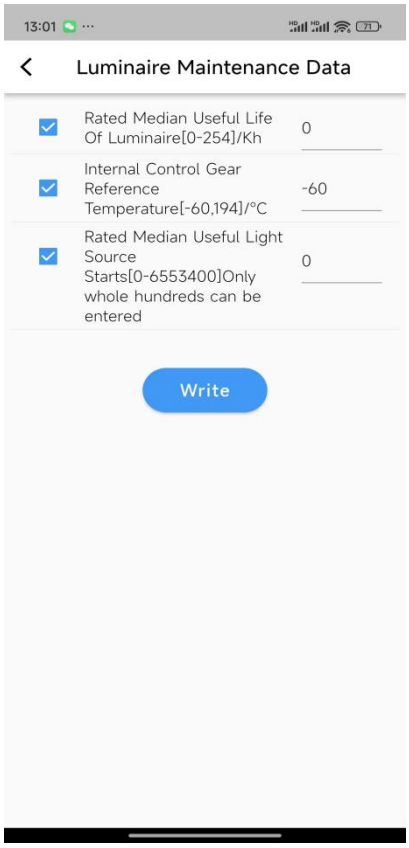
4.6 DALI Basic Parameter

The basic parameters of DALI can be set as group, scene brightness, fade time, minimum and maximum brightness, etc. You can set the corresponding parameters according to your needs. After the settings are completed, click "Write". The phone can be placed close to the NFC of the driver to write. After completion, it will prompt "Write successfully".

4.7 Lighting Maintenance Information

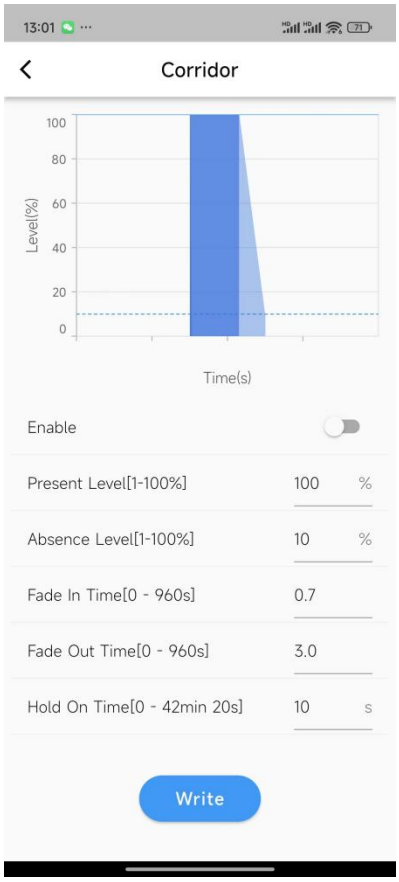
You can set the rated lifetime, internal reference temperature and rated number of switching times for the lamps. During the use of the lamps, the real-time data read can be compared with the information set here to carry out regular maintenance and other operations on the Lamps. After the settings are completed, click "Write". The phone can be placed close to the

NFC of the driver to write. After completion, it will prompt "Write successfully".



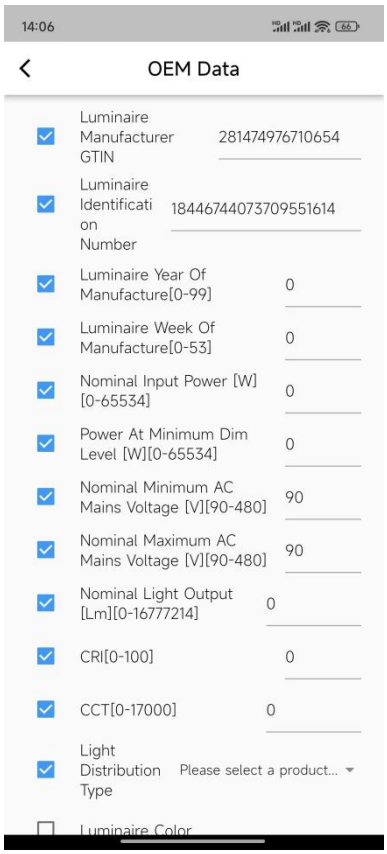
4.8 Corridor Mode

The corridor mode uses the connection between the sensor and the driver to achieve the effect of turning off the lights when people leave. Turn on the "Enable" button to set the brightness and fade time. When this function is not in use, turn off "Enable" and this function will not work. After the settings are completed, click "Write". The phone can be placed close to the NFC of the driver to write. After completion, it will prompt "Write successfully".



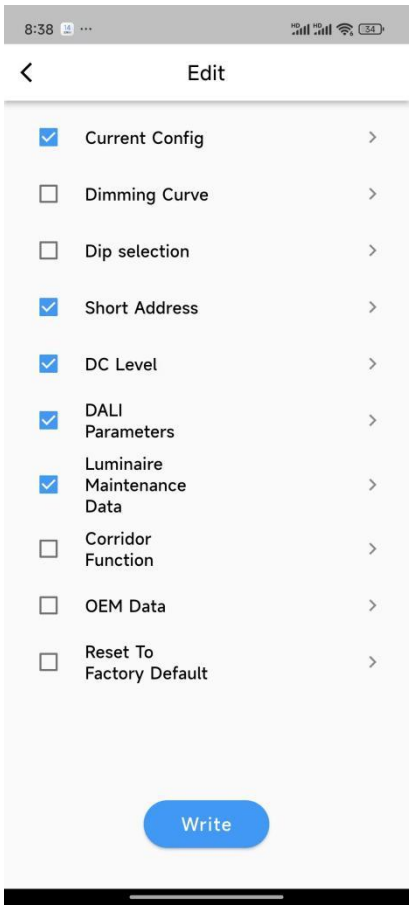
4.9 OEM Parameter

OEM parameters can be selectively set according to customer's own requirements.



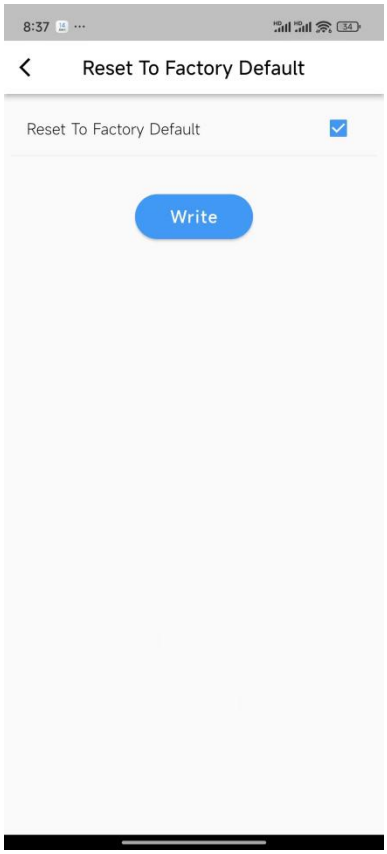
4.10 Batch Data Writing

In addition to writing a single parameter, when you need to set multiple parameters at the same time, after setting the parameters to be changed, return to the previous interface, check the parameter items to be set, and click "Write" below to write multiple parameter settings at one time.



4.11 Restore Factory Settings

When the user wants to restore the parameters set by one click, just click Restore Factory Settings to write. However, this operation will not restore the short address and OEM parameters. If you need to change them, you need to delete them on the corresponding interface.



5. New and Old Replacement Maintenance

When the lifetime of the drive has reached its limit or it is damaged and needs to be replaced with a new one, the old drive data can be read and written to the new one, which greatly saves engineering maintenance costs.

① Read and set the old drive device.

② Check all the information you read, and click 'Write' to the same type of driver.

6. Points for Attention

① Every time you need to write or read parameters after setting them, the phone needs to move away from the driver and move closer again.

② Before NFC reading and writing, the driver must be powered off; the NFC data written will take effect only after powering on.