EAGLERISE NFC PC Instructions

Catalog

1. Software and Tools Configuration

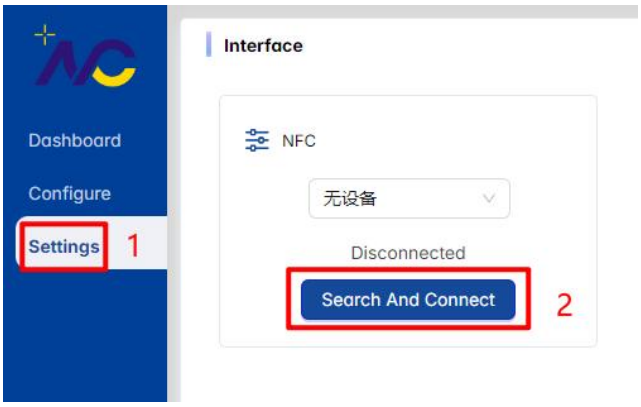
Download the installation package from Eaglerise's official website https://lighting.eaglerise.com to your computer and install it.

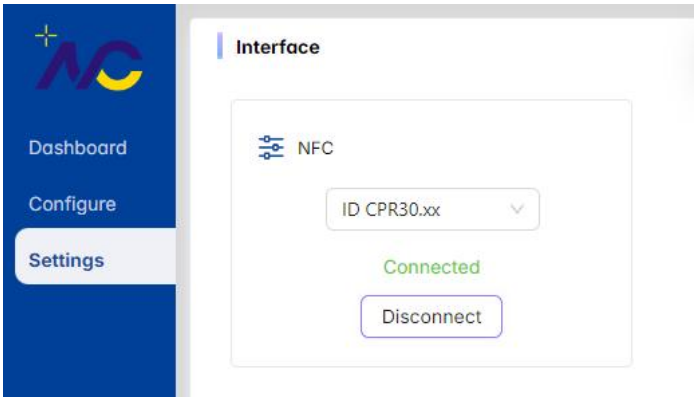
1.1 Reading Devices

The power supply is placed in the specified area on the reader. As shown in the figure below, the ID CPR30-USB is a desktop device for contactless data exchange with transponders compliant with ISO 15693 and ISO 14443-A/-B, in accordance with Zhaga Book 24. The device supports contactless data exchange with transponders compliant with the ISO 15693 and ISO 14443-A/-B standards and is powered and communicates with the PC via the USB interface.

1.2 Equipment Connection

After the card reader is connected to the computer, click "Settings", "Search and Connect" to identify the card reader.

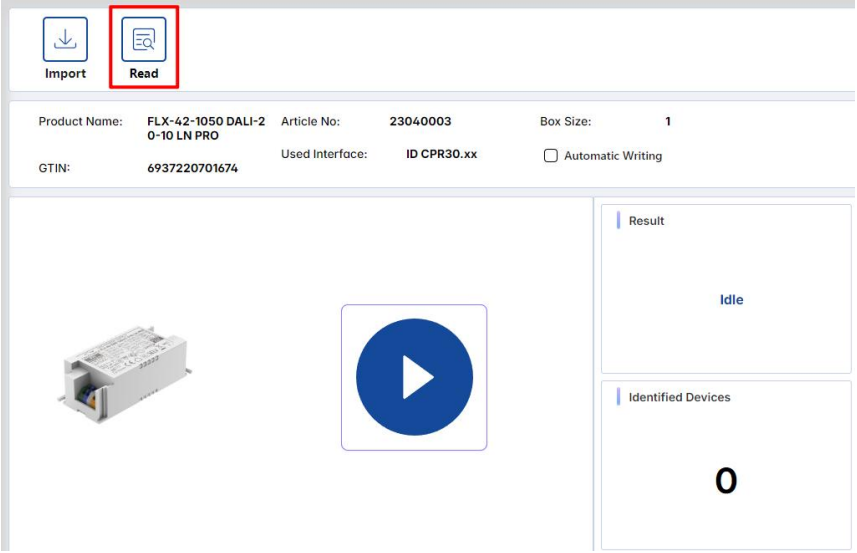




2. Read Data

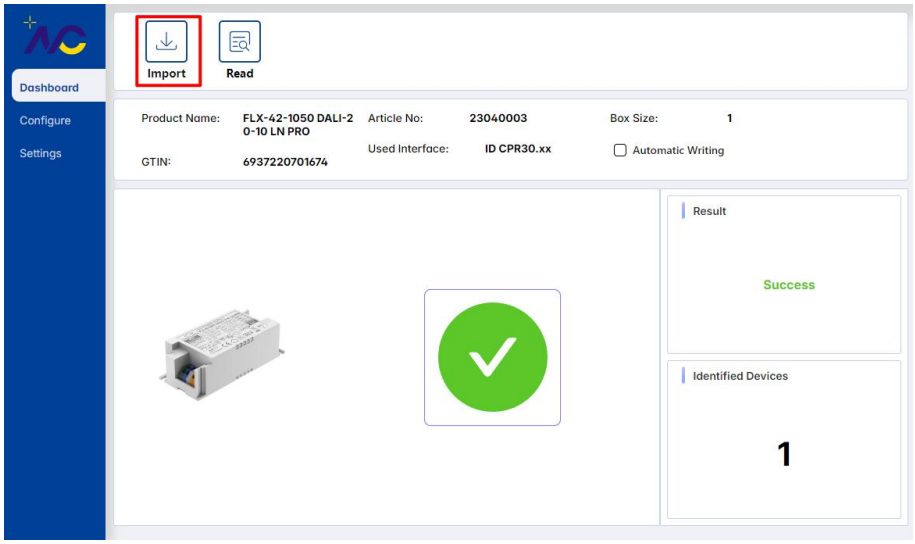
2.1 Reading Data

Click "Read" on the workbench to display the number of read devices and basic information, including product name, GTIN code, etc. (When you put more than one device at the same time, you can only read the information of one device).



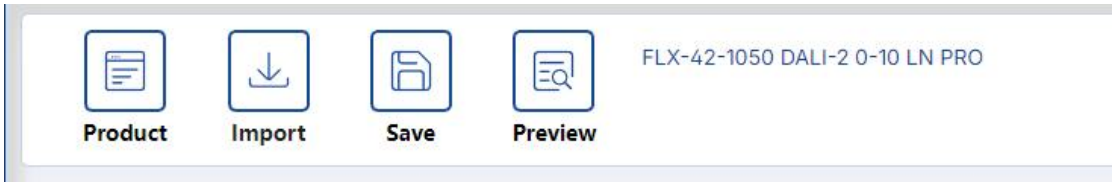
2.2 Importing Data

If the product is damaged or needs to be replaced, the parameters can be read out and written to a new model of the same model, saving time and labor maintenance costs. The old product information can be imported to achieve the same setting data configuration information.

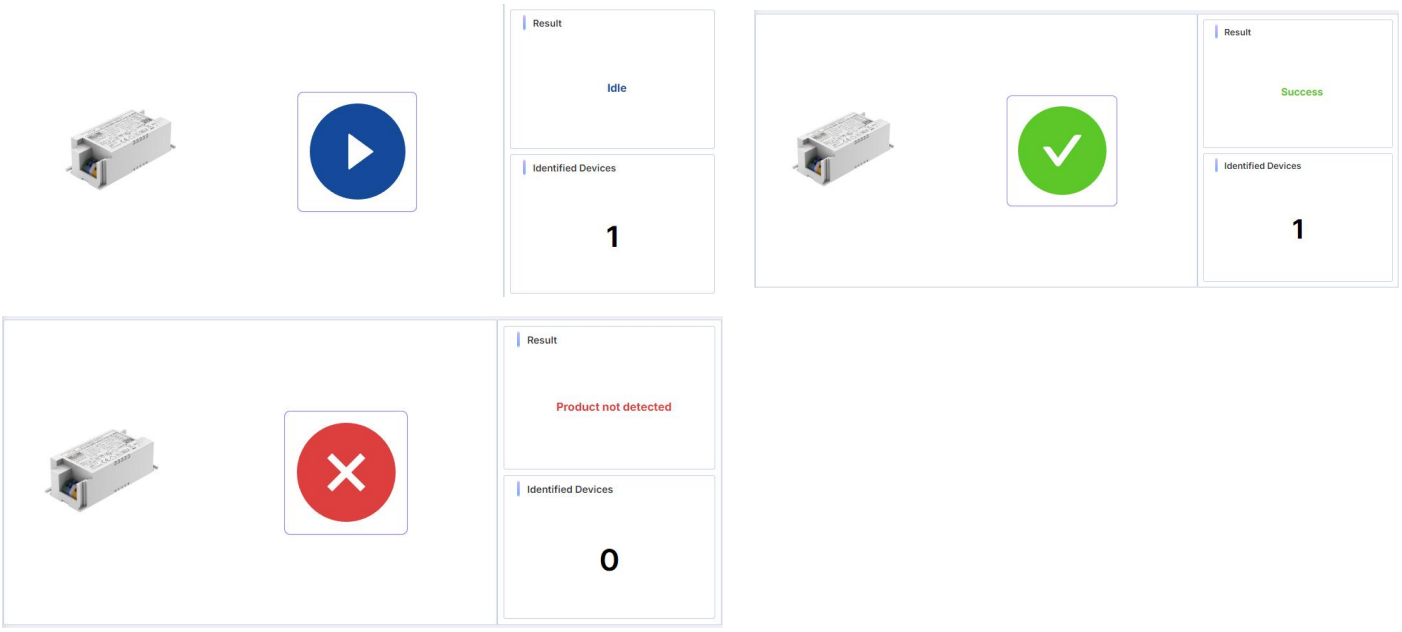


3. Write Data

"Product" can select the same type of model to write data; "Import" can select the parameter information saved in the previous configuration, and you can edit the parameter information for the settings as needed; "Save" can export the configured parameter information; "Preview" can give you a rough view of the basic information of the product.



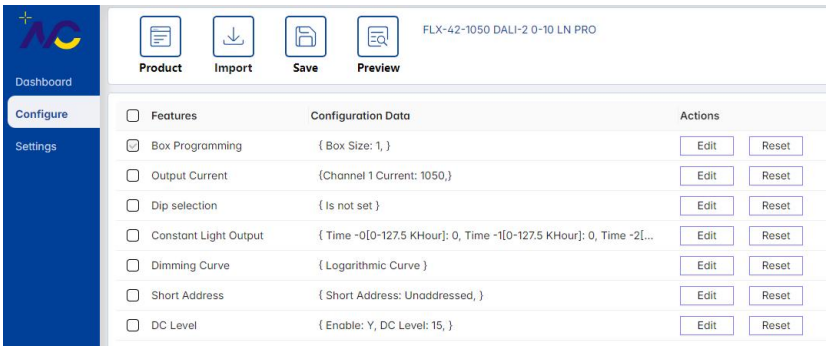
When you need to write the data after editing, click the write symbol next to the product image, and three different states will appear. The blue one is the first write state; the green one is the mark of successful write. When the first write is successful, the subsequent write status is green, and you only need to click again to write; red means that the relevant product is not recognized or there is a read/write error.

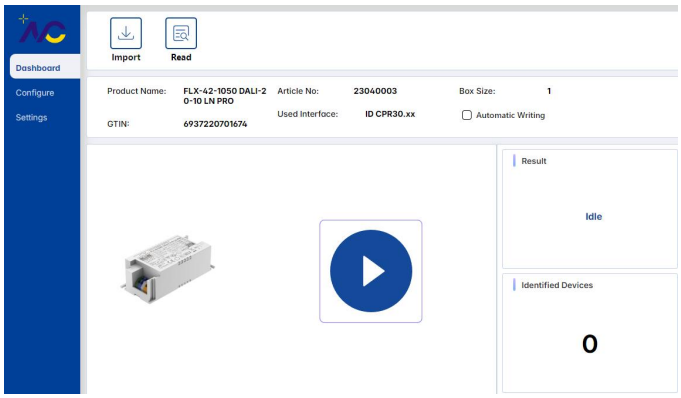


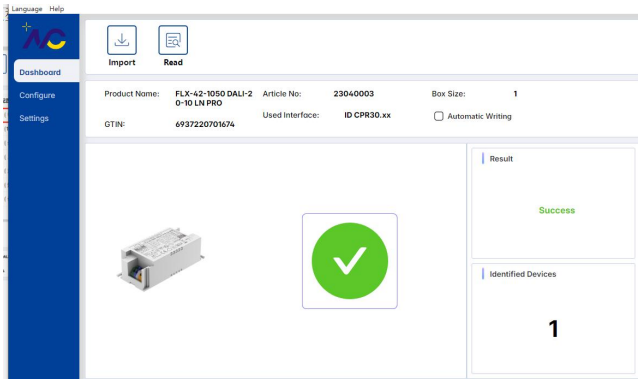
3.1 Equipment Identification

When you need to write the data of multiple models at the same time, you have to change the number of boxes to the corresponding number of models (the maximum can not be more than

25 units and must be the same model), go back to the workbench and click , the number of devices can be written successfully.

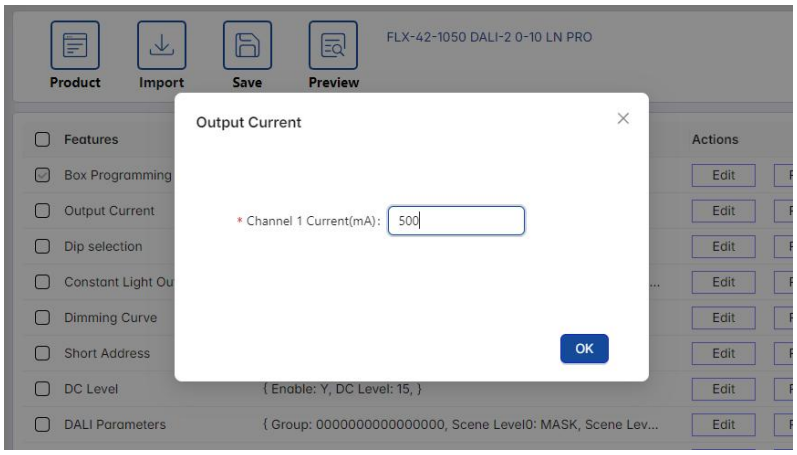






3.2 Current Configuration

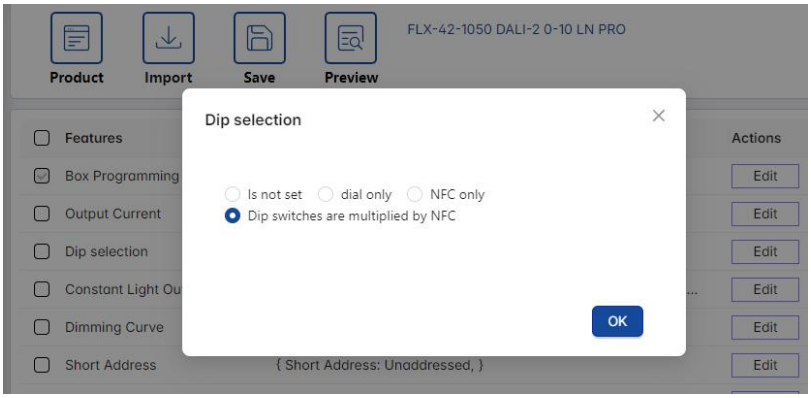
According to your own needs to set the current size of the drive output, click "Edit", set the required current, return to the workbench and click to write.



3.3 DIP Switch

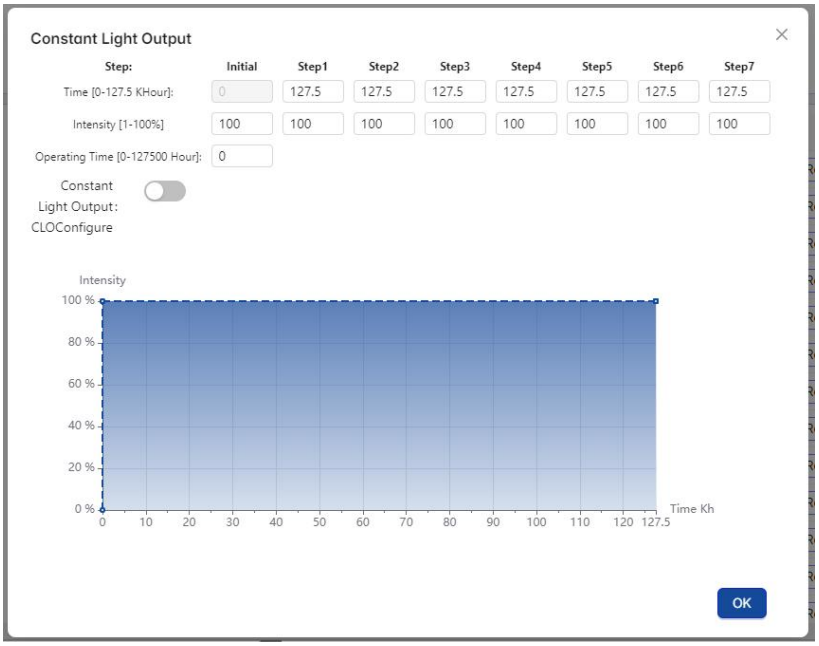
The Dip Switch can be selected into different types according to user needs. "Dip only" means

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 setting, go back to workbench and click to write .



3.4 Constant Lumen

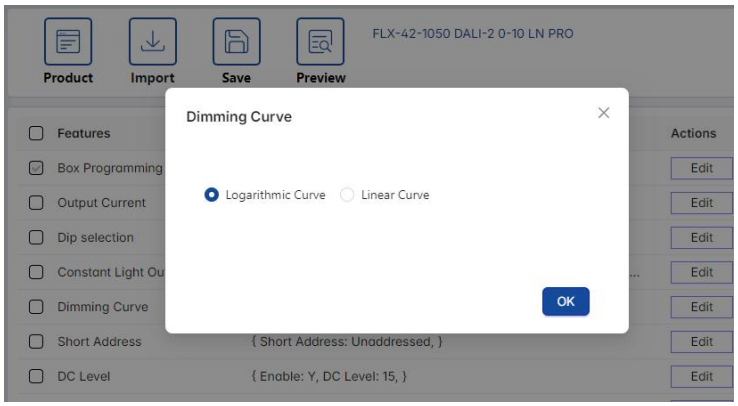
Lumens are a measure of the brightness of light visible to the human eye. The higher the lumen value, the brighter the light source. The higher the lumen value of a light source, the brighter the light it emits. By setting the lumen value of the output, it can make the luminaire more efficient, longer service life, and also save a lot of energy, reduce power consumption, and save environmental resources more effectively. It is possible to set different time segments and set the percentage of output in the range of 0-127.5 thousand hours. After setting, go back to the workbench and click to write . When you don't use this function, turn off the "Enable", then this function will not work.



3.5 Dimming Curve

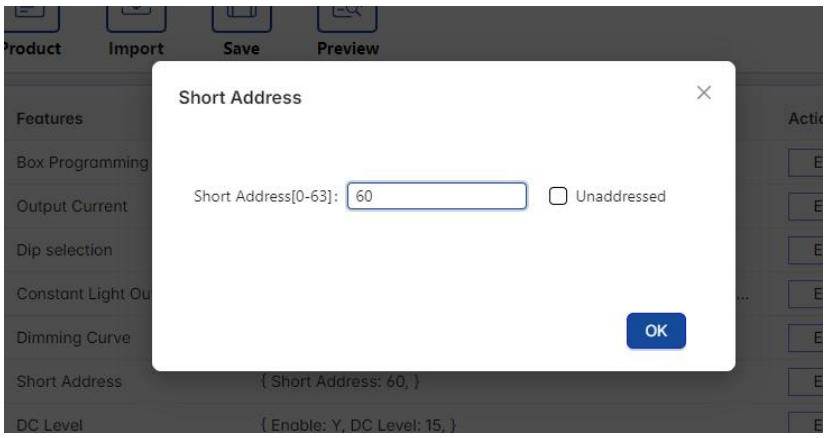
The dimming curve can be selected as a logarithmic curve or a linear curve. The difference between the two depends on the specific application requirements and the user's visual experience requirements.Linear dimming provides uniform brightness changes, while logarithmic dimming provides brightness changes 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.

Once the settings are complete, go back to the workbench and click to write .



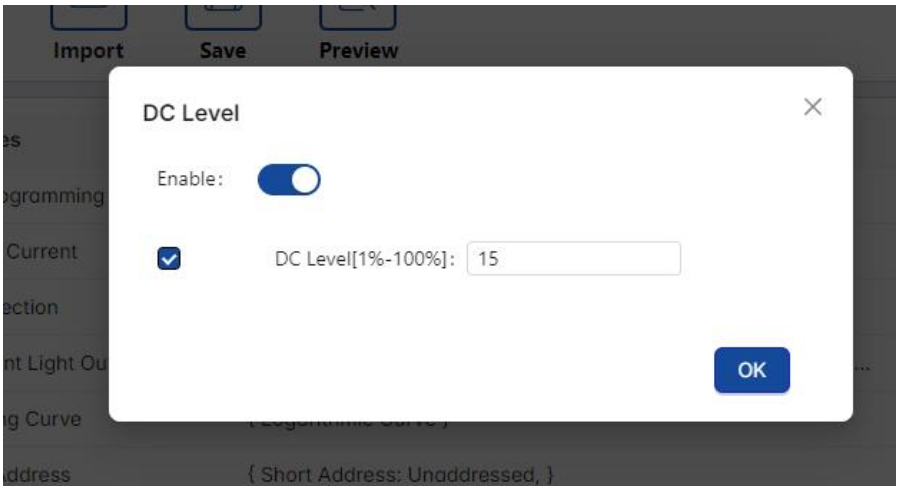
3.6 Short Address

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 setup is complete, go back to the workbench and click to write .



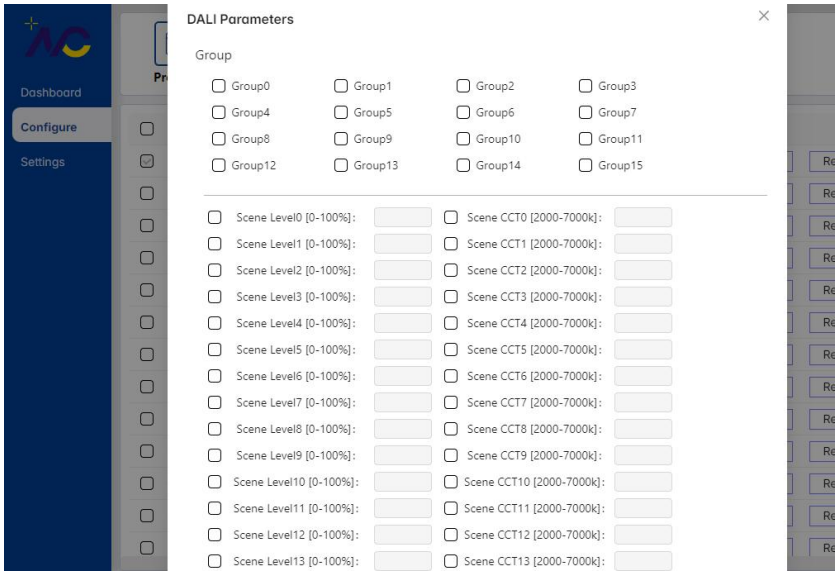
3.7 Emergency Mode

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 setting is complete, return to the workbench click to write .



3.8 DALI Basic Parameter

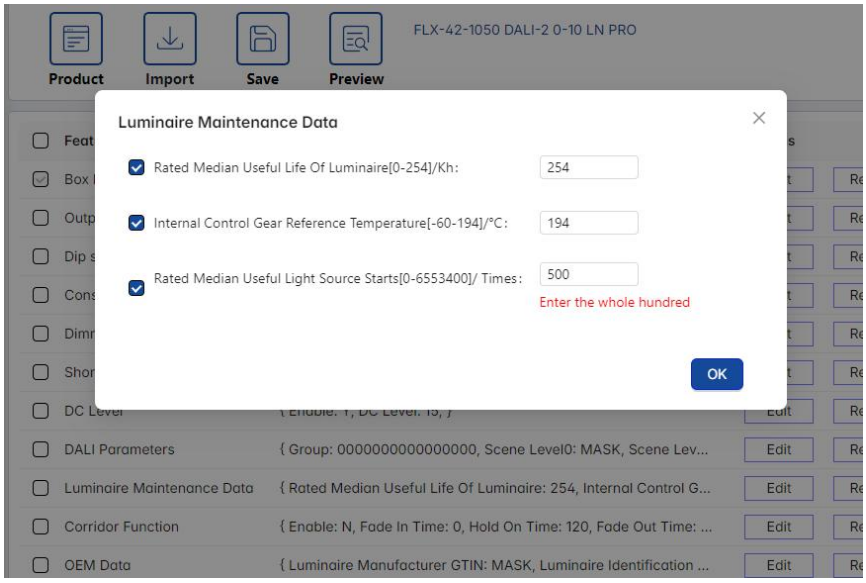
The basic parameters of DALI can be set as group, scene brightness, fade time, minimum and maximum brightness, etc. You can set the corresponding parameters according to your needs. After setting up, go back to the workbench and click to write.



3.9 Lighting Maintenance Information

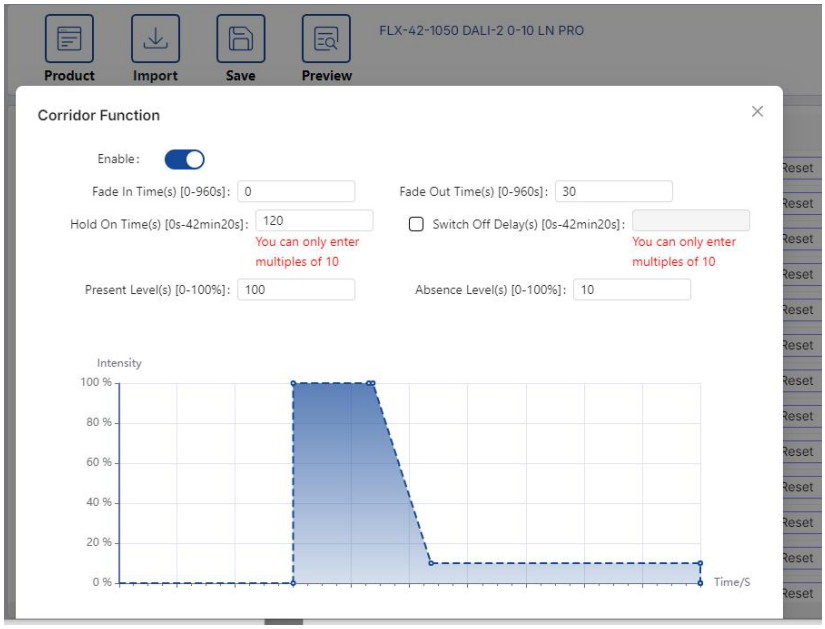
You can set the rated lifetime, internal reference temperature and rated number of switching

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 setting is completed, go back to the workbench and click on to write it.



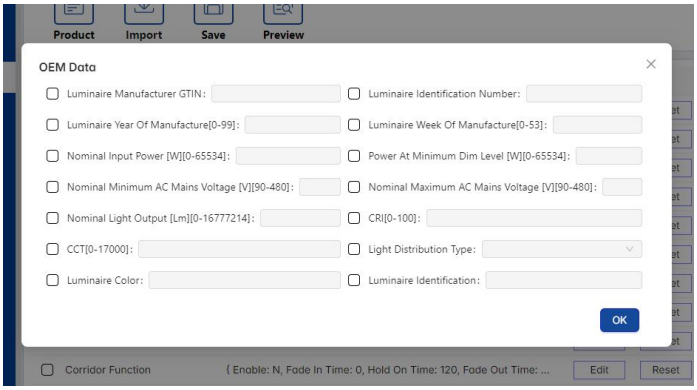
3.10 Corridor Mode

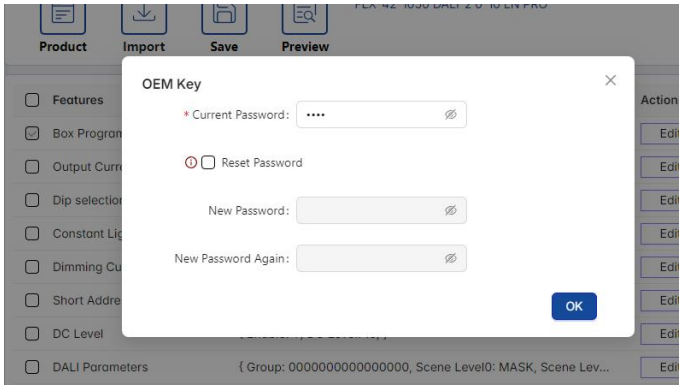
The corridor mode uses the connection between the sensor and the driver to achieve the effect of turning off the lights when people leave. Turn on the "Enable" button to set the brightness and fade time. When this function is not in use, turn off "Enable" and this function will not work. After the setting is finished, go back to the workbench and click to write.



3.11 OEM Parameters

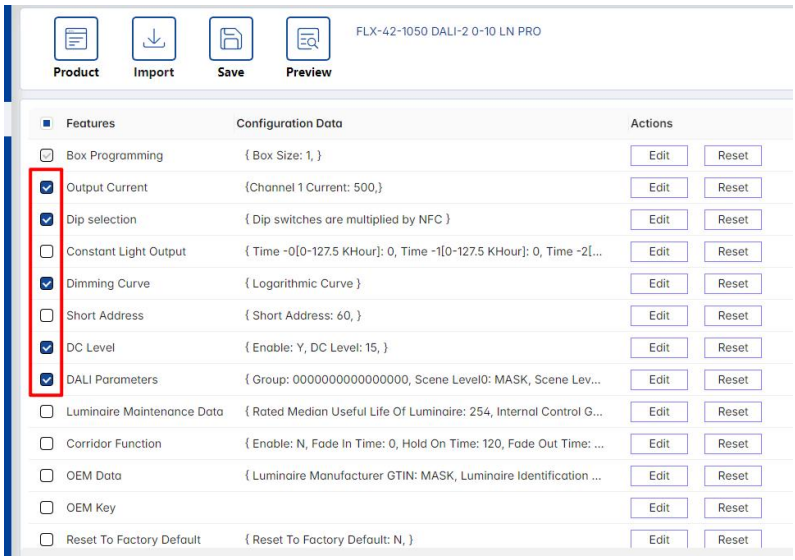
OEM parameters can be selectively set according to customer's own requirements and at the same time you can set a password for the OEM parameters, so that no one without a password can access the set parameters.





3.12 Batch Data Writing

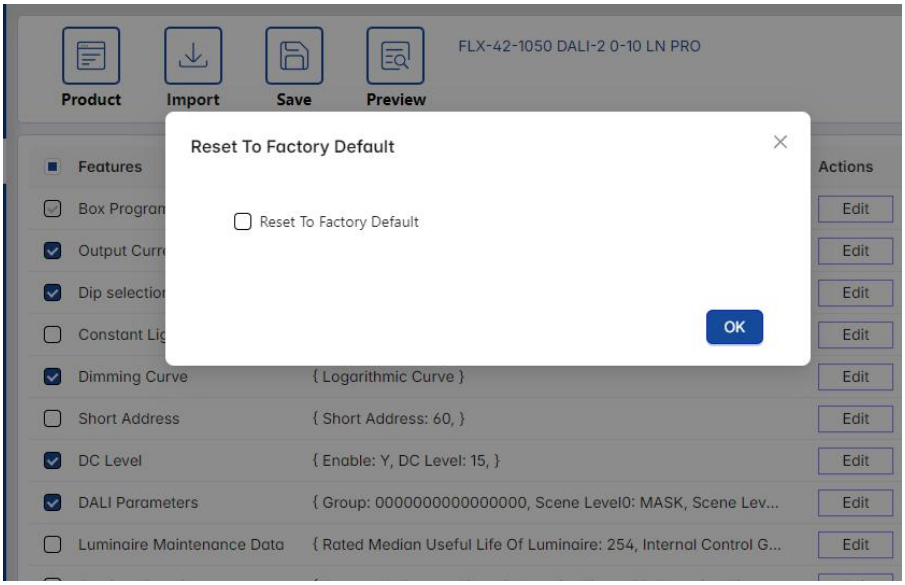
In addition to writing a single parameter, when you need to set multiple parameters at the same time, after setting the parameters to be changed, return to the previous interface, check the parameter items to be set and write multiple parameter settings at one time.



3.13 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.



4. Points For Attention

1. It is necessary to ensure that the reading device is connected successfully before reading and writing operations, and the first time you connect to read to select the same product as the reading model.

2. The driver must be powered off before NFC reading and writing; the NFC data written will take effect after powering up.