

## SosenProgrammer Quick Guide V1.2

### 1. Programmer connects with LED driver

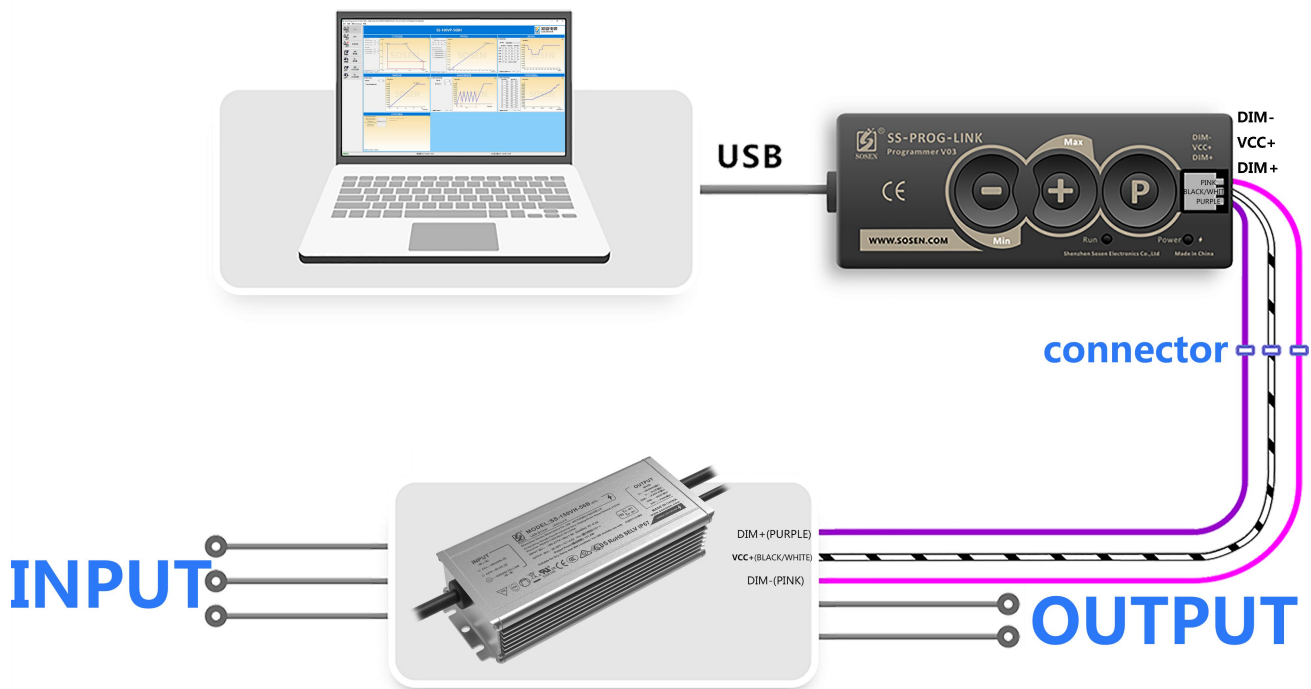


figure 1

The color of the dimming light may be changed. It is best to distinguish the line sequence according to the label of Programmer(SS-PROG-LINK) and the LED driver.

**“Programmer : DIM-” is connected to “LED driver: DIM-” .**

**“Programmer : VCC+” is connected to “LED driver: VCC+” .**

**“Programmer : DIM+” is connected to “LED driver: DIM+” .**

Connect Programmer to the USB port of the computer, and Programmer will identify the LED driver.

Sound of connection correct : "Di" sound.

Sound of connection error:



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Programmer failed to connect with LED driver: "DiDiDi~DiDiDi~ DiDiDi~DiDiDi~ DiDiDi ~..." three consecutive sounds.

Programmer does not match the version of the LED driver: "DiDiDiDi" four consecutive sounds.

**Please confirm that the above steps are correct, and then perform the following operations.**

## 2. Online programming

Online programming operation method: **Open " SosenProgrammer " -> Connect -> Read LED Driver / Load Default Values -> modify data -> Write LED Driver**

(1) Connect, Read LED Driver and Write LED Driver, as shown in Figure 3, at position ① in the block diagram.

When connecting, please confirm whether the port number is correct (the correct one is "USB Serial Port (COM x)"), if the USB Serial Port (COM x) does not appear, please install the USB driver first, as shown in Figure 2.

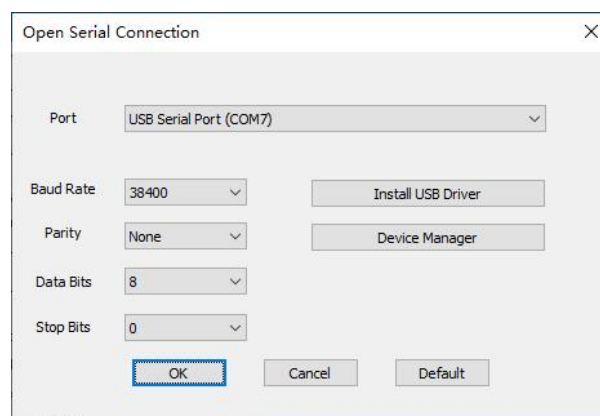


figure 2

If you want to restore the default parameters of the model, you can click "Load Default Values", as shown in Figure 3, click the position ② of the block diagram with the left mouse button, and select the corresponding model.

(2) Modify the data, such as "Work Current Setting", "3in1 Dimming", "Timer Dimming", etc., as shown in Figure 3, at position ③ in the block diagram.

(3) When "Writing LED Driver", please make sure that the selected model is the same as the connected LED driver model (as shown in Figure 3, position ④ in the block diagram), otherwise Programmer will refuse to program and report an error.

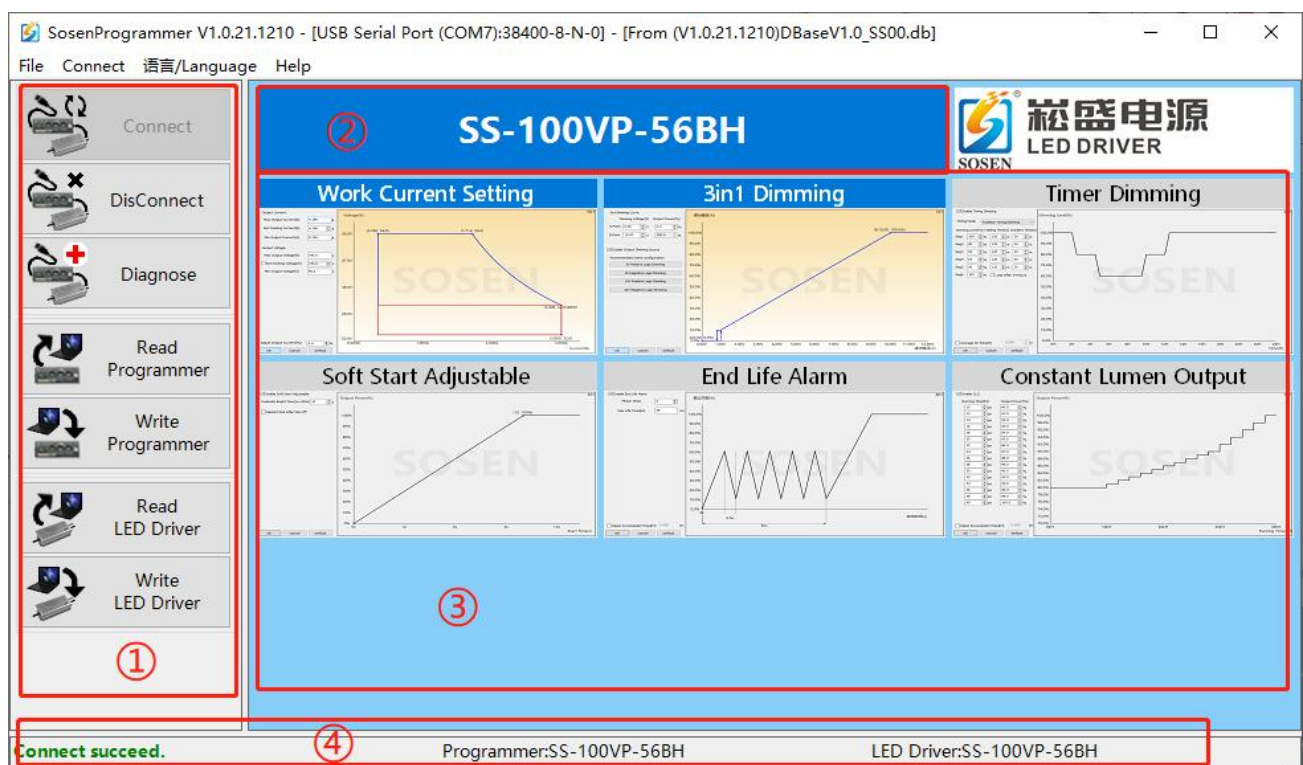


figure 3



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### 3. Offline programming

#### 3.1 Make offline SS-PROG-LINK

Making offline programming method: **Open " SosenProgrammer " -> Connect -> Read LED Driver / Load Default Values -> modify data -> Write Programmer**

The first four steps are the same as online programming, and the last step is to write Programmer to prepare the offline Programmer of this model.

#### 3.2 Batch programming

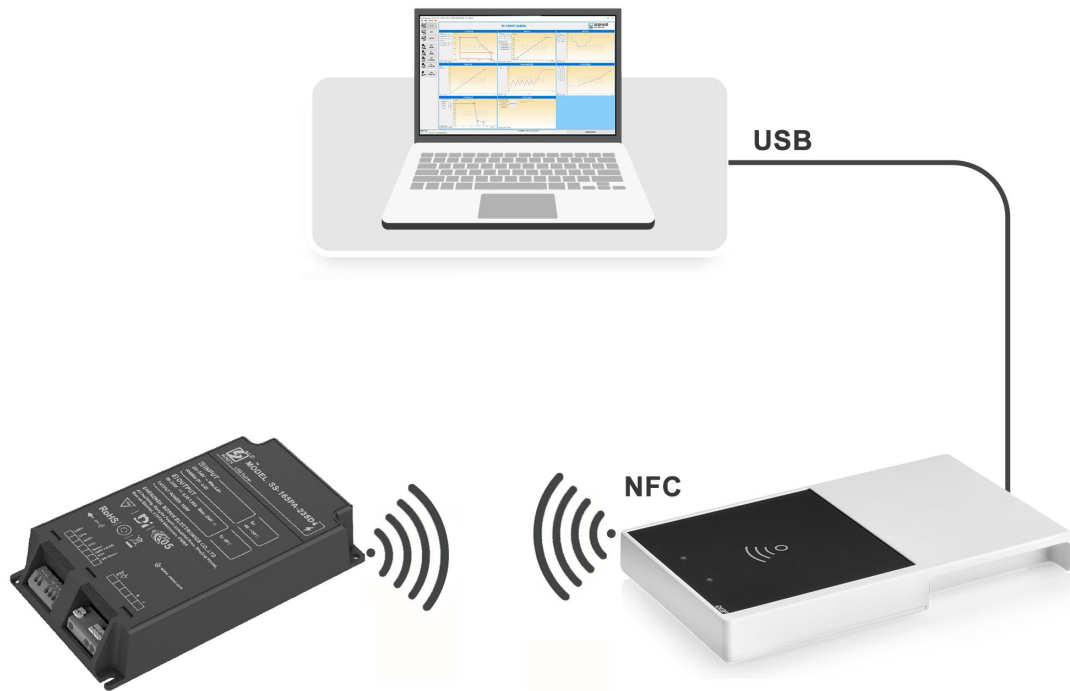
Offline programming method: **Made offline programmer -> USB power supply -> press the "P" key to program**

The model written in Programmer must be the same as the LED driver model to write successfully, otherwise Programmer will report an error. Check whether the models are the same, as shown in Figure 3, block diagram position ④).

Press the "P" key to program the LED driver offline. After the programming is completed, replace other LED drivers that are ready to be programmed and repeat this operation.

Note: The sound of successful programming is "DiDi".

## 4. Introduction to NFC mode LED driver programming



Schematic diagram of the NFC mode LED driver programming cable

### 4.1 Introduction to NFC reader

The models of NFC reader which SosenProgrammer software supported are as below:

1. FEIG ID CPR30+ reader.
2. FEIG ID ISC. PRH101-USB reader.



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FEIG ID CPR30+ reader



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FEIG ID ISC.PRH101-USB reader

## 4.2 Connect the NFC reader with the LED driver

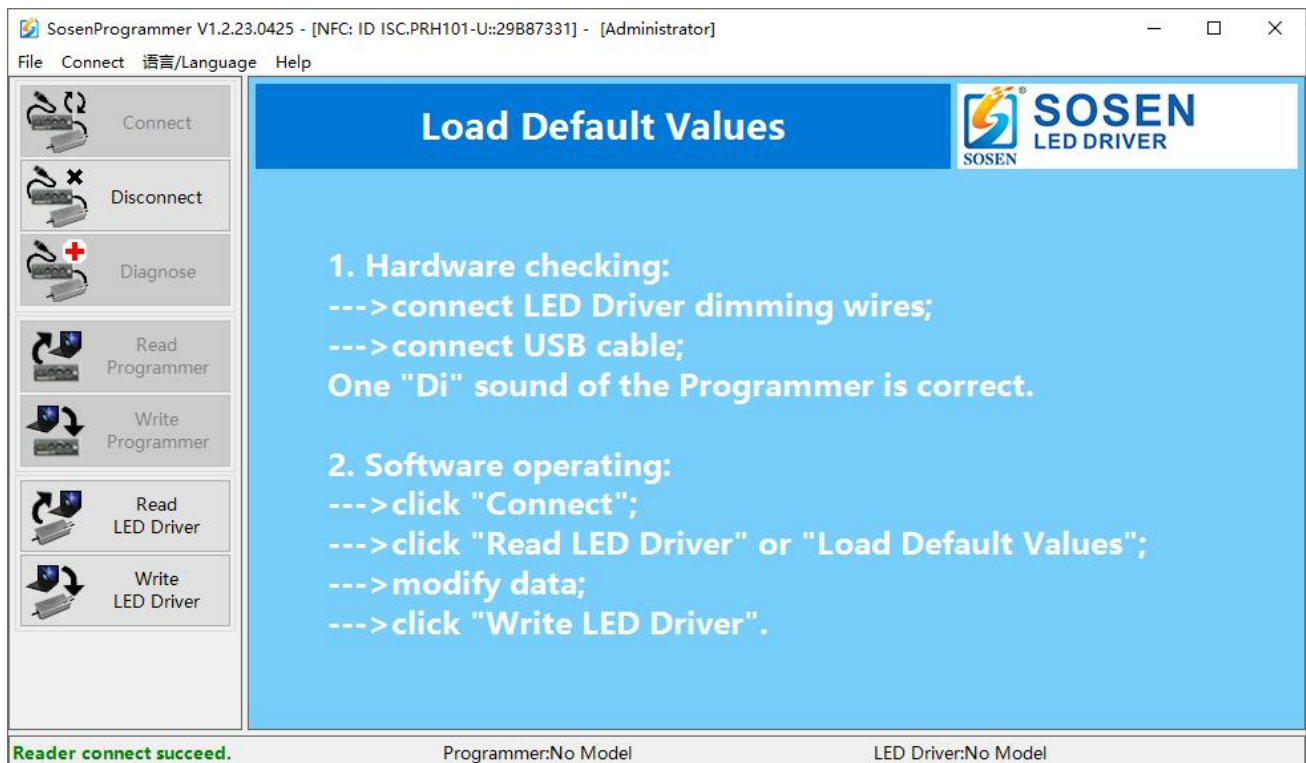
Connect the NFC reader to the USB port of the computer, click the "Connect" button of the software, and display "Reader connect succeed.", indicating that the reader connection is successful.



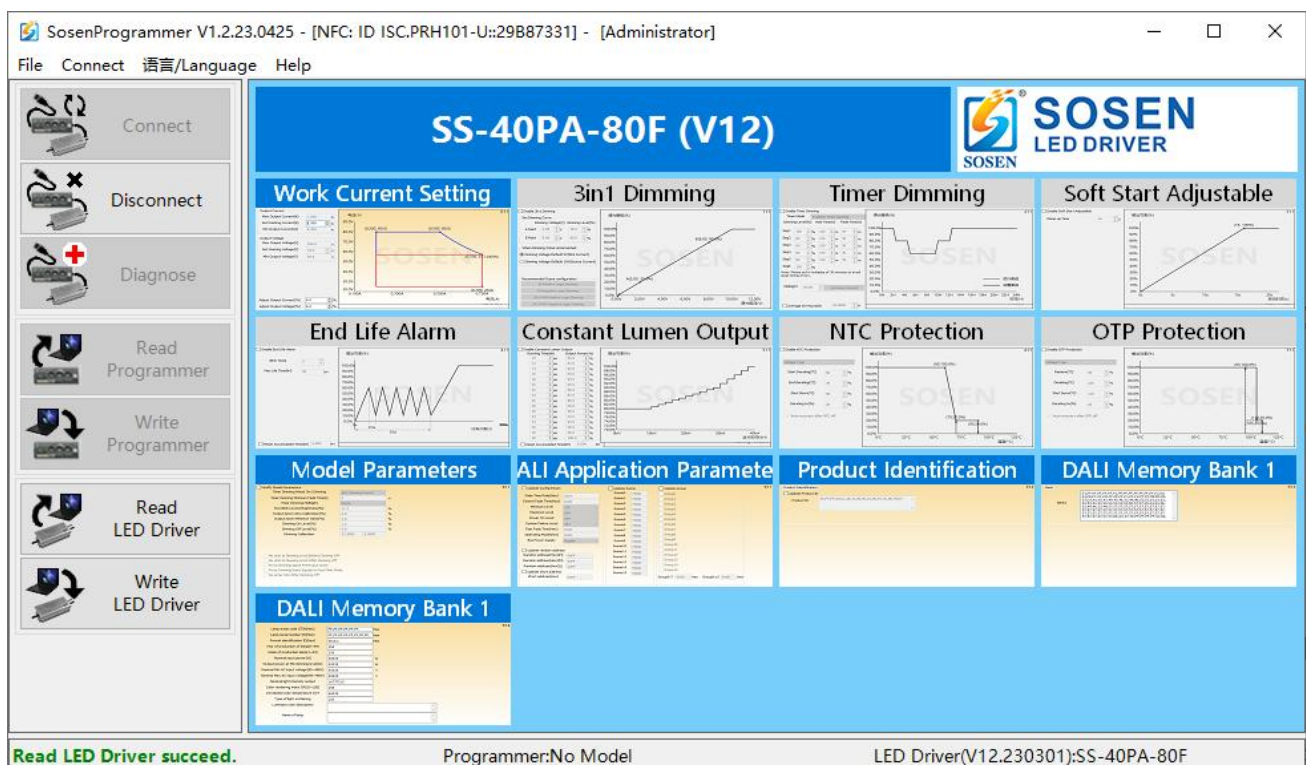


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Close the NFC area of the LED driver to the NFC reader near the NFC reader, click the software "Read LED Driver" button, and display "Read LED Driver succeed.", indicating that the LED driver reading is successful.







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