

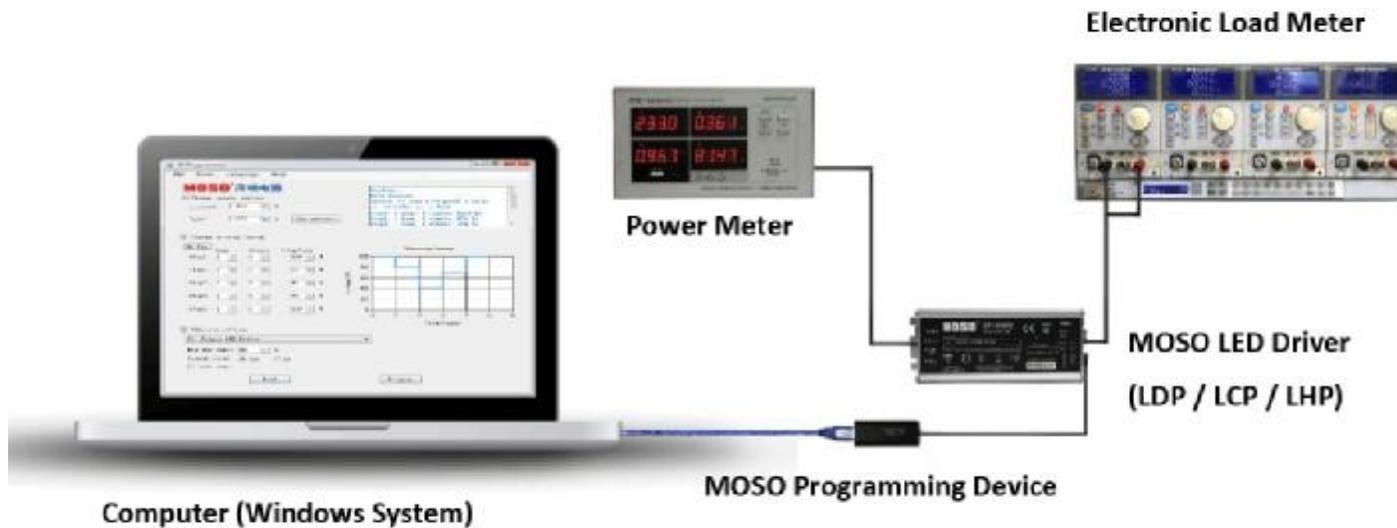
MOSO

LED Driver Programming Operation Guide



2016 March

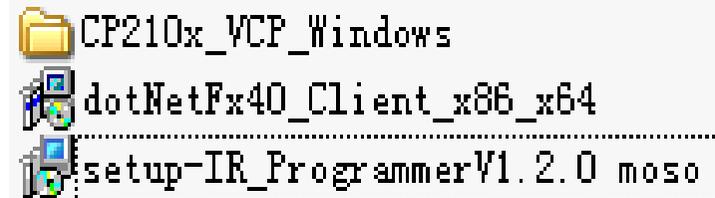
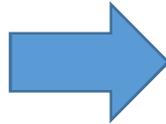
Preparation



- Computer with Windows system
- MOSO programming software package
- MOSO programming device
- Power meter
- Electronics load meter
- MOSO LDP / LCP / LHP drivers

Software Setup

Copy all the Program
into your computer



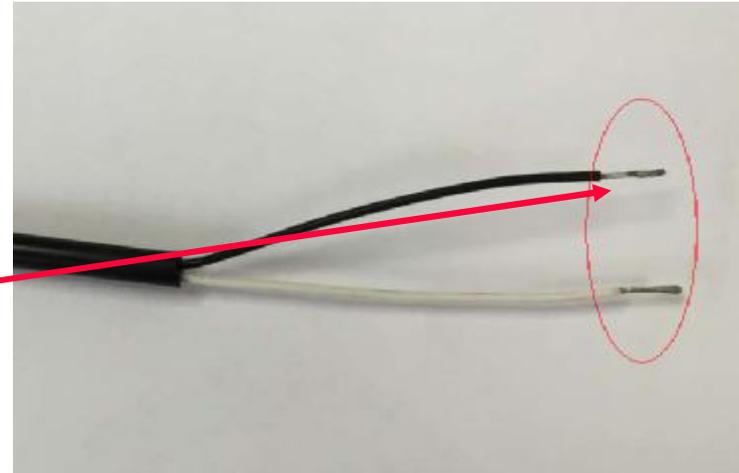
1. Install dotNetFx40_Client_x86_x64;
2. Open folder CP210x_VCP_Windows
3. Identify your Window system is 64bit or 32bit;
4. Click “CP210xVCP Installer” and install “VCP 64” if system is 64bit, and install “86” if system type is 32bit;
5. Click “setup-IR_ProgrammerV1.2.0Moso “;
6. Now software is ready for programming.

PC name	Lenovo-PC
<input type="button" value="Rename PC"/>	
Organization	WORKGROUP
Edition	Windows 10 Home
Product ID	00326-10000-00000-AA861
Processor	Intel(R) Core(TM) i5-5200U CPU @ 2.20GHz 2.20 GHz
Installed RAM	8.00 GB
System type	64-bit operating system, x64-based processor
Pen and touch	No pen or touch input is available for this display

Programming Operation Guide

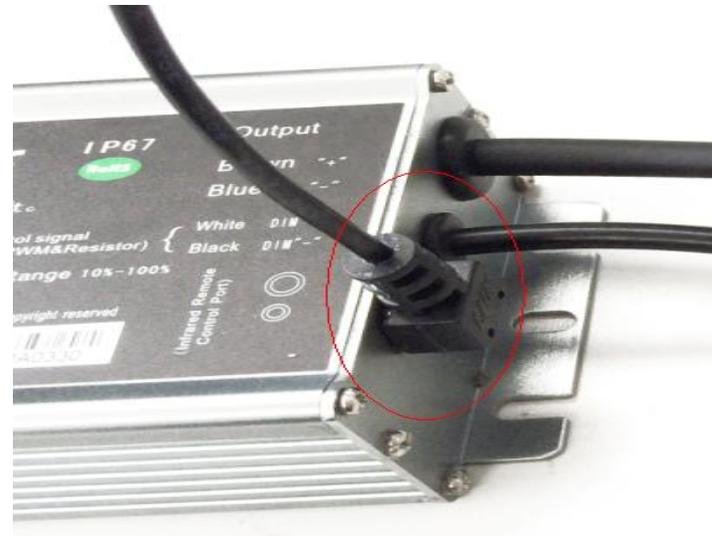
Step 1

- Please connect LDP Driver to AC mains power before the programming;
- Please make sure the dimming wires black and white should be isolated.



Step 2

- Please ensure IR cable are well connected to the infrared port at the right side of LED driver.



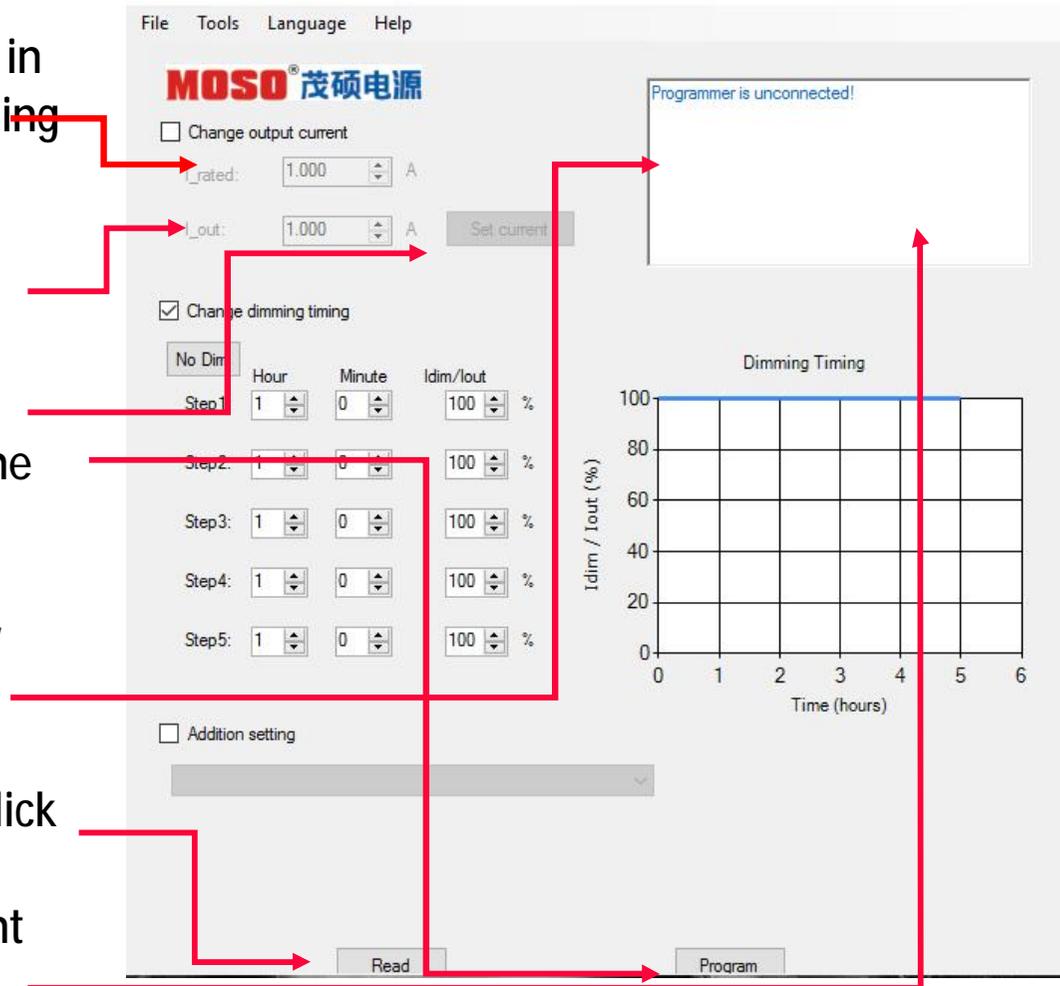
Changing Output Current

Step 3

- Enter maximum output current in the rated current column according to specification.
- Then enter the actual required current in the output current column
- Click “set output current”
- Next click “Program” to burn the setting into LDP Driver

- Please check if the screen show program successful

- Lastly please double check by click “Read”
- now you can confirm the current set in the LDP driver



Configuration of Timer Dimming Control

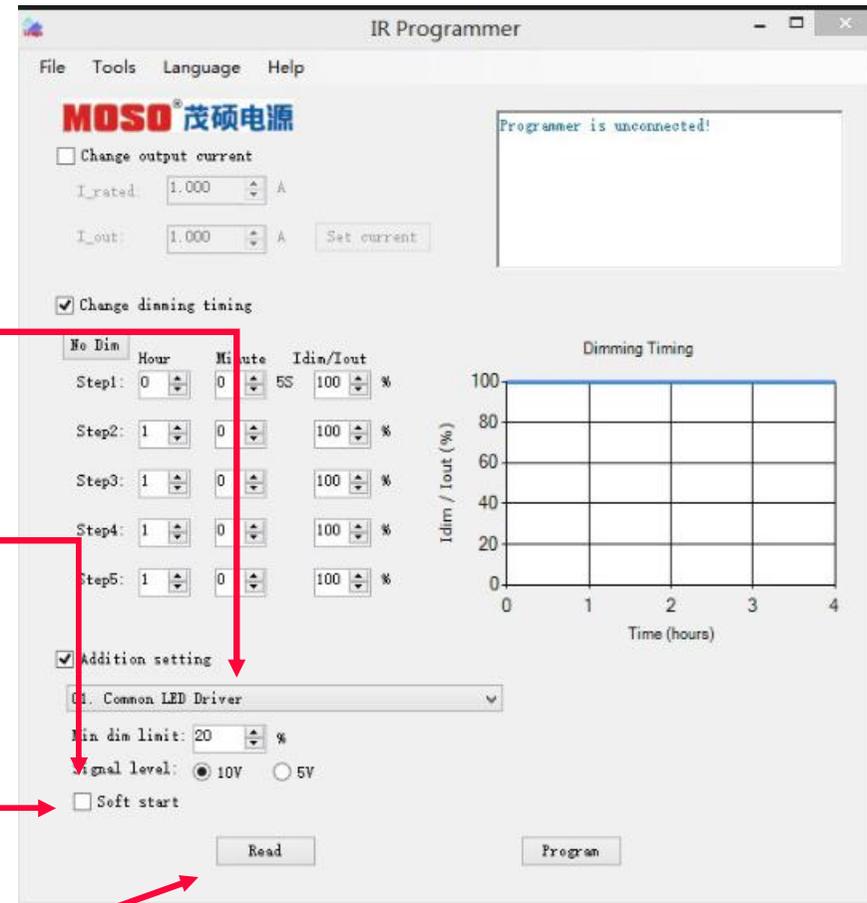
- Maximum 5 stages of timer dimming control are available in LDP driver.
- Each stage can be set with individual output current percentage and desire time frame.
- For testing, set stage 1 to zero for 5sec and turn it on to perform a quick check on the timing control to confirmed the module has been set successfully.
- After setting completed, now click “Program” to burn the setting into LDP Driver
- Lastly please double check by click “Read” to confirm the timer dimming was set accordingly in the LDP driver
- Please note that minimum diming level is 10%

The screenshot shows the MOSO software interface for configuring timer dimming control. The interface includes a menu bar (File, Tools, Language, Help), a status window (Programmer is unconnected!), and a main configuration area. The configuration area has two sections: "Change output current" and "Change dimming timing". The "Change dimming timing" section is active, showing five steps with "Hour" and "Minute" spinners and "Idim/Iout (%)" percentage spinners. A "Dimming Timing" graph shows a constant 100% dimming level over 6 hours. At the bottom, there are "Read" and "Program" buttons. Red arrows point from the text in the list to the "Program" button, the "Read" button, and the "Idim/Iout (%)" column.

Step	Hour	Minute	Idim/Iout (%)
Step1:	1	0	100
Step2:	1	0	100
Step3:	1	0	100
Step4:	1	0	100
Step5:	1	0	100

Additional Setting

- Click on Additional setting
- Select Common LED driver
- Now you can change the Minimum dimming value. Minimum value is 10% and factory pre-fix value is 10%
- The signal level are available within 5V or 10V. Just click on your desire V
- If you enable the soft start by activated the soft start mode then the light output will light up gradually until full brightness
- After setting completed, now click "Program" to burn the setting into E6 Driver
- Lastly please double check by click "Read" to confirm the setting



* You may complete all setting then do Program and Read at once