



Features:

- ◆ Operating voltage: USB 5VDC;
- ◆ IP20;
- ◆ 1 year warranty.

Application:

- ◆ Suitable for DALI series programming.

DESCRIPTION

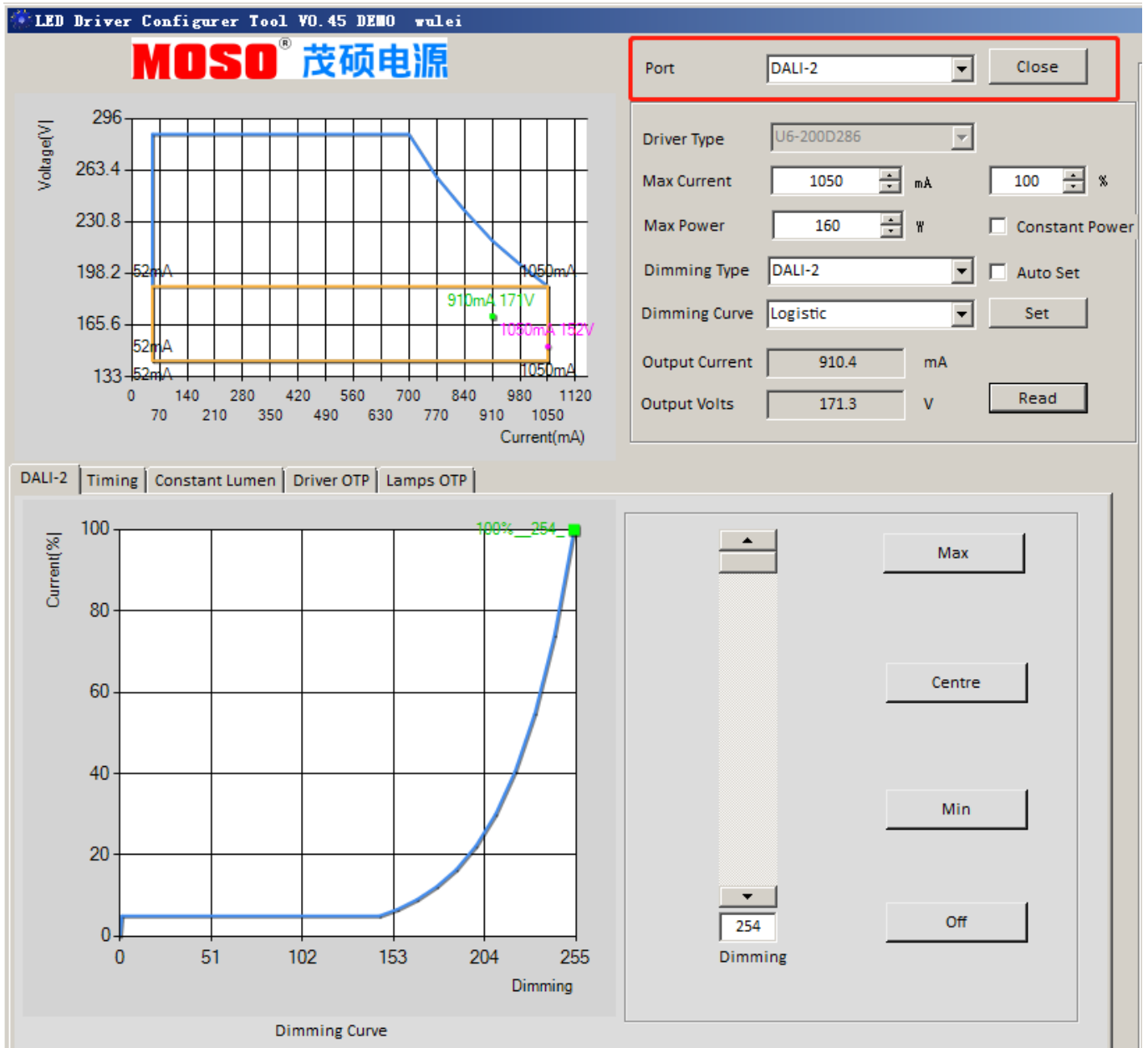
MS-PRG-D1 is a DALI programming recorder. It is the bridge between the computer and the power supply, through the dimming line programming. USB port connects the computer and the other end connects the dimming line of the driver. Bring great convenience and cost saving to production, make power programming easier.

Diagram of upper computer connection:



UI

1.Connect to LED driver



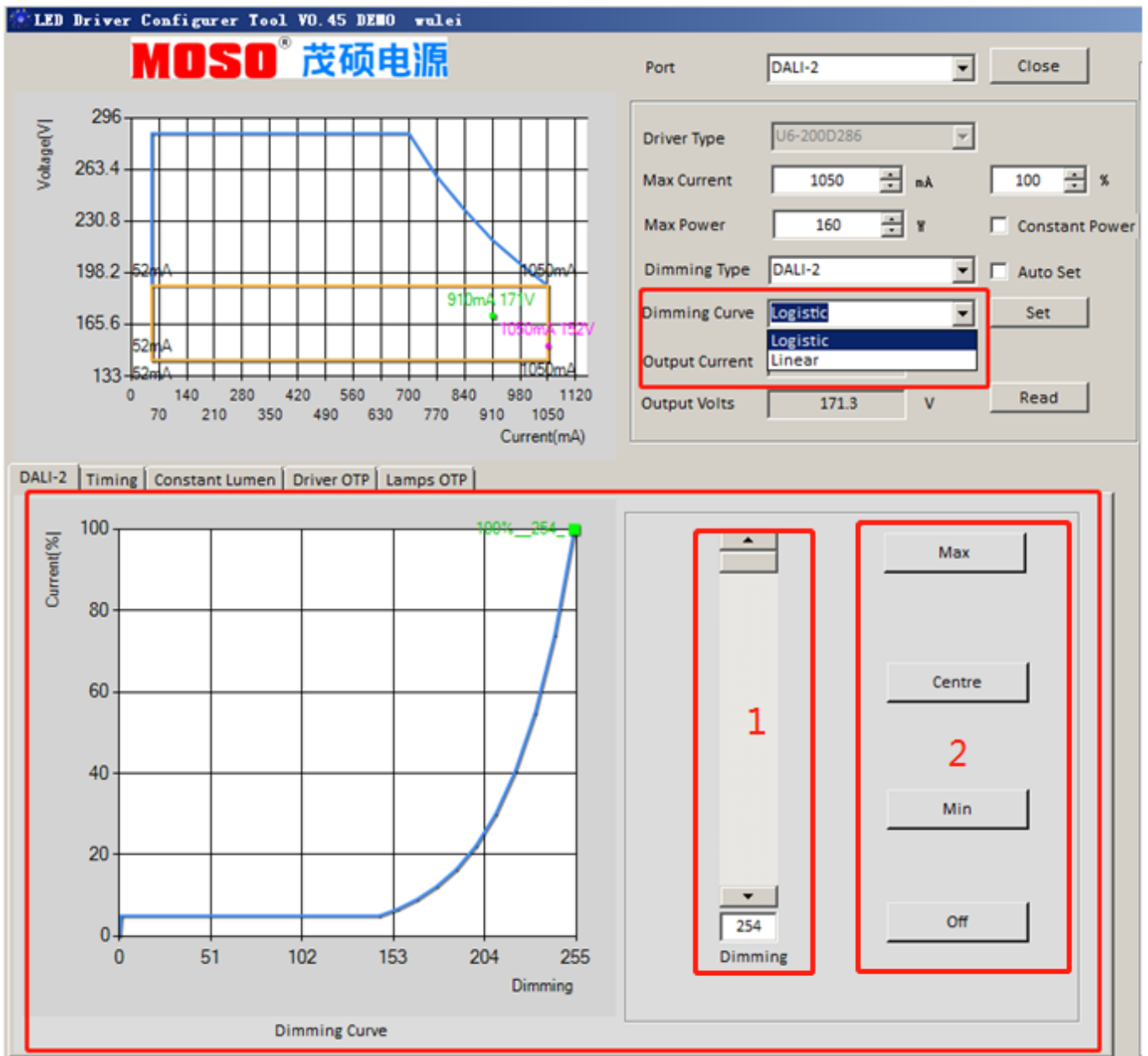
When the driver is turned on, one end of the DALI programmer recorder USB is connected to the computer, and the other end is connected to the driver dimming line.

2.Set LED driver parameters

The screenshot displays the MOSO LED Driver Configurer Tool V0.45 DEMO interface. The top-left graph shows Voltage (V) on the y-axis (ranging from 133 to 296) and Current (mA) on the x-axis (ranging from 0 to 1120). A blue curve represents the driver's operating range. A red box highlights the 'Max Current' (1050 mA) and 'Max Power' (160 W) settings in the control panel. The 'Dimming Curve' is set to 'Logistic'. The 'Output Current' is 910.4 mA and 'Output Volts' is 171.3 V. The bottom graph shows 'Current[%]' on the y-axis (0 to 100) and 'Dimming' on the x-axis (0 to 255). A blue curve shows the dimming characteristic, with a point at 100% current and 254% dimming. The control panel includes a vertical slider and buttons for 'Max', 'Centre', 'Min', and 'Off'.

Set the output current of the LED driver and the maximum output power to ensure that the driver does not exceed the set maximum power usage (reduce the output current).

3. DALI Dimming Curve



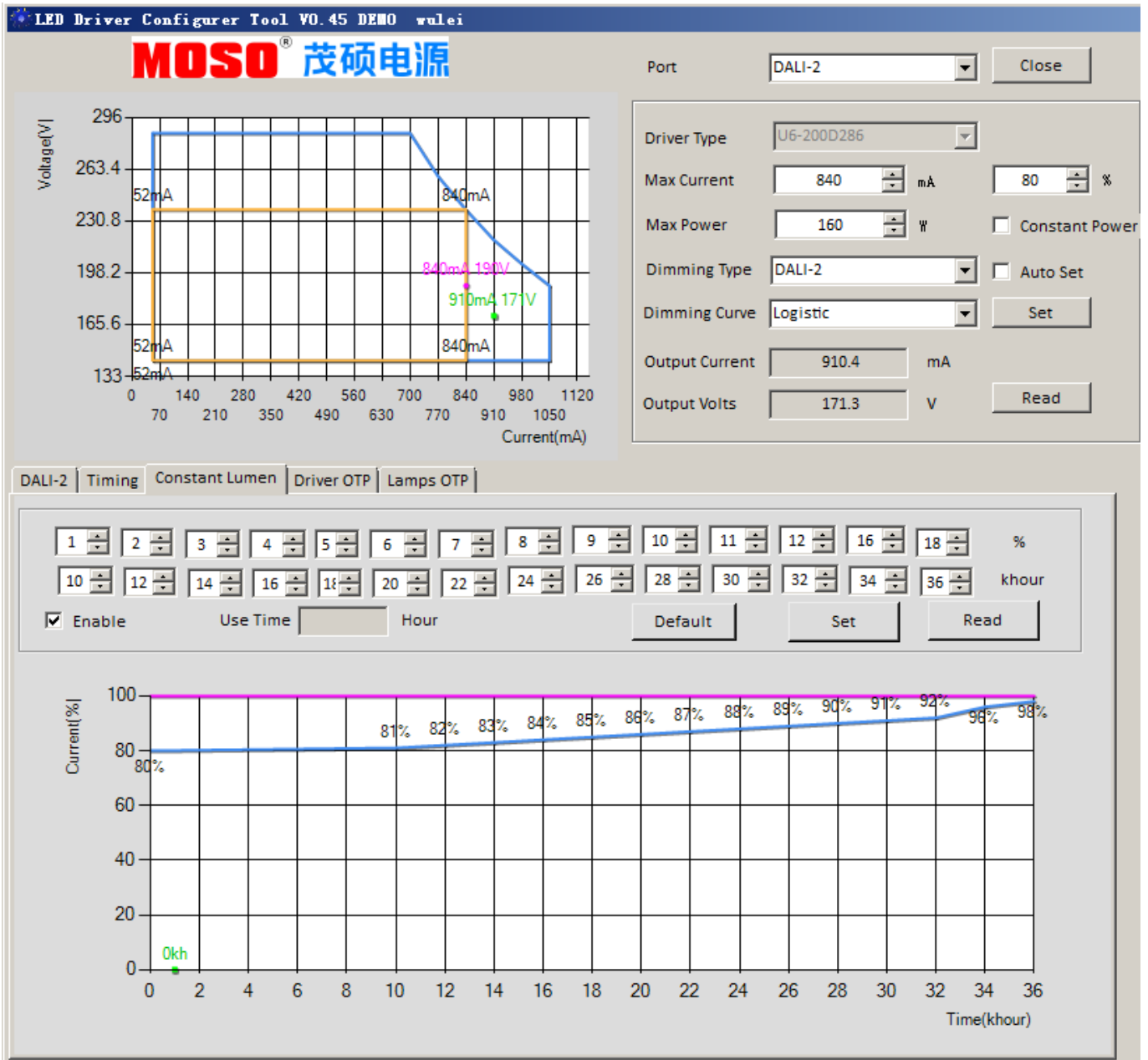
There are two types of dimming curves, logistic and linear. The figure is logistic. You can click the button in the red box 2 above to adjust the current coarsely, or click the button in the red box 1 to fine-tune the current.

4. Setting the timer dimming

The screenshot displays the MOSO LED Driver Configurer Tool V0.45 DEMO interface. The top left graph shows Voltage (V) on the y-axis (ranging from 133 to 296) and Current (mA) on the x-axis (ranging from 0 to 1120). A blue curve represents the driver's operating point, and an orange box highlights a specific region. The top right panel shows configuration parameters for a DALI-2 driver, including Driver Type (U6-200D286), Max Current (1050 mA), Max Power (160 W), Dimming Type (DALI-2), and Dimming Curve (Logistic). The bottom left graph shows the 'Dimming Curve' with Current (%) on the y-axis (0 to 100) and Time on the x-axis (8:00 to 8:00). The bottom right panel shows the 'Timing' configuration panel, which is highlighted with a red box. It includes a dropdown menu for 'Timing Type' (set to 'Timing') and a list of seven timers with their respective times and dimming percentages.

After selecting "Timing dimming", you can set the parameters related to timing dimming. The software supports three timing dimming settings: traditional timing, virtual midnight timing dimming, and adaptive timing dimming.

5.Set CLO



Select "Start CLO(Constant Lumen Output)", configure the working time and the corresponding compensation current percentage.