

Lithophane_Installation_Guide_V2

Step 1: Preparation

1. Prepare the Lithophane LED Backlight Board Kit according to the size of the printed frame. This guide uses a 4-piece kit as an example (As shown in Figure 1).

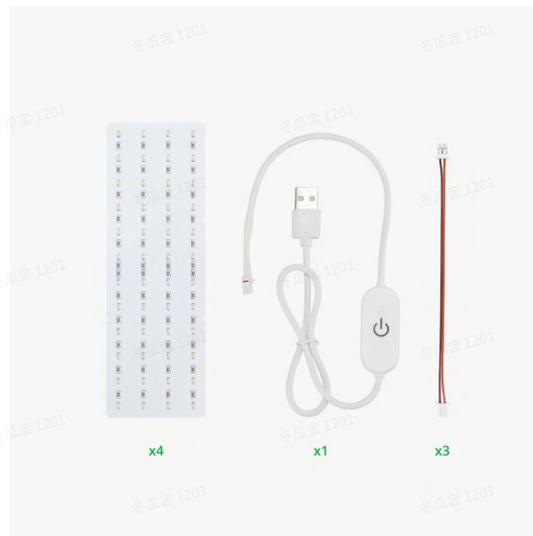


Figure 1

Step 2: Connect the LED Backlight Boards

1. Flip the LED backlight boards to the back and arrange them neatly in order, ensuring the protruding side of the PH2.0 Power Connection Cable interface is facing up, then connect the boards. (As shown in Figure 2)
2. **Note:**
 - a. Make My Lithophane supports three frame sizes, composed of 2, 3, or 4 boards. Each board has two parallel power sockets, functioning as both input and output ports. Ensure all boards are connected and one board is linked to the USB power cable. Adjust the connection method as needed (refer to the recommended connection methods in Figure 3).
 - b. The two ends of the PH2.0 Power Connection Cable are identical and can be used interchangeably in any port.
 - c. Do not connect the USB power cable to the LED backlight board at this step.

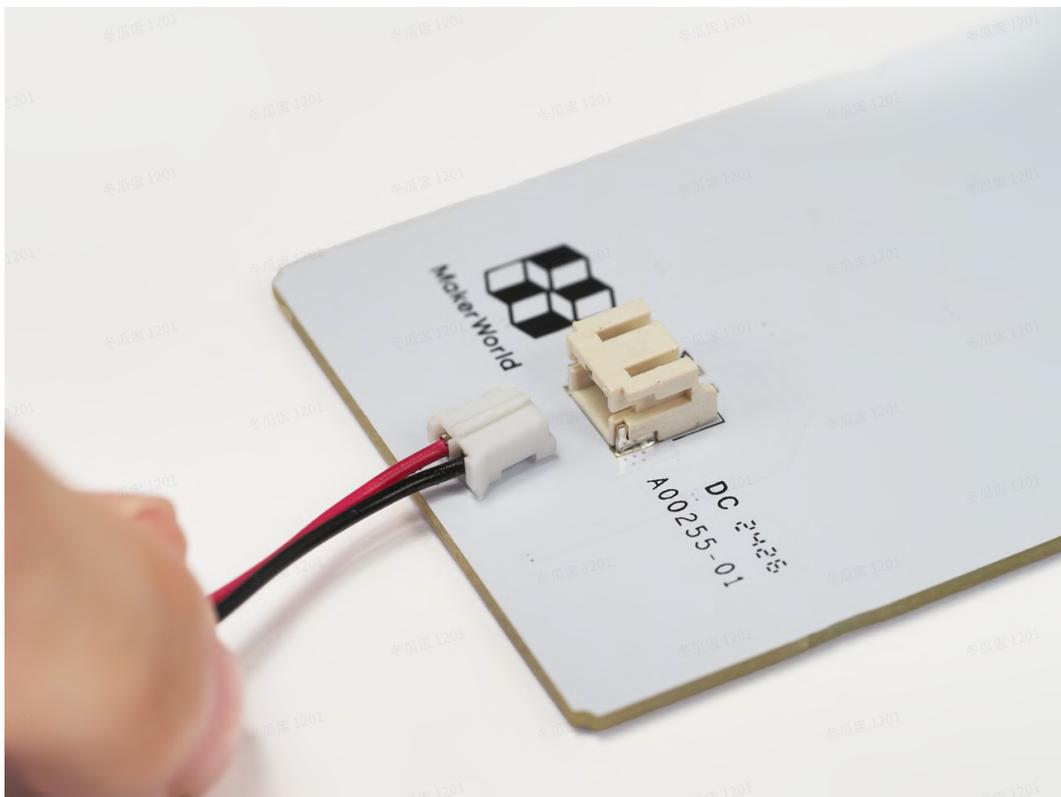


Figure 2

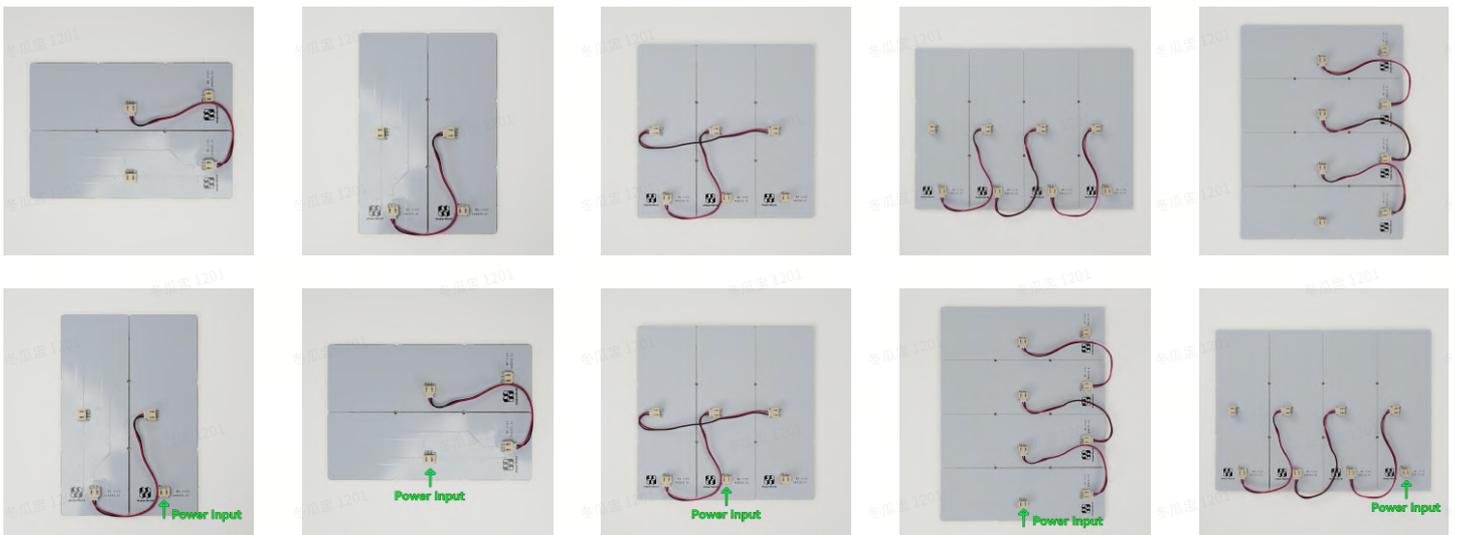


Figure 3 The recommended connection methods for different frame sizes

Step 3: Connect the Power Cable

1. Depending on the orientation of your lithophane (vertical or horizontal), thread the USB power cable through the reserved hole in the frame.
2. Connect the PH2.0 end of the USB power cable to the LED backlight board (the frame has two holes; choose the appropriate hole based on the orientation of your lithophane). (As shown in Figure 4)



Figure 4

Step 4: Secure the LED Backlight Boards

1. Adjust the position of the connection cables at the bottom of the LED backlight boards to ensure they lay flat.
2. Clip the LED backlight boards under the small clips inside the frame edges and lay them flat in the frame. (As shown in Figure 5)
3. Snap the power cable into the mounting port. (As shown in Figure 6)
4. **Note**
 - a. If the boards do not lay flat, check if the internal supports of the frame are completely removed or if the connection cables are neatly placed.



Figure 5



Figure 6

Step 5: Install Lithophane

1. Gently open the frame's insertion slot and insert the printed lithophane into the frame. (As shown in Figure 7&8)



Figure 7

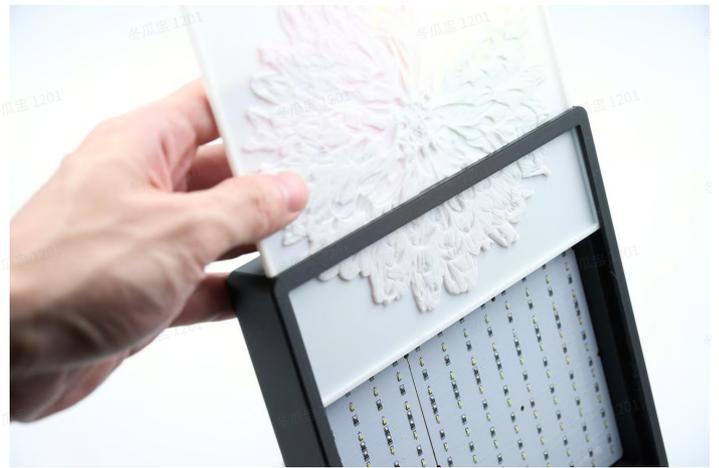


Figure 8

Step 6: Power Up

1. Connect the power, touch the switch to light up the lithophane. Long press the switch to adjust the brightness. (As shown in Figure 9)

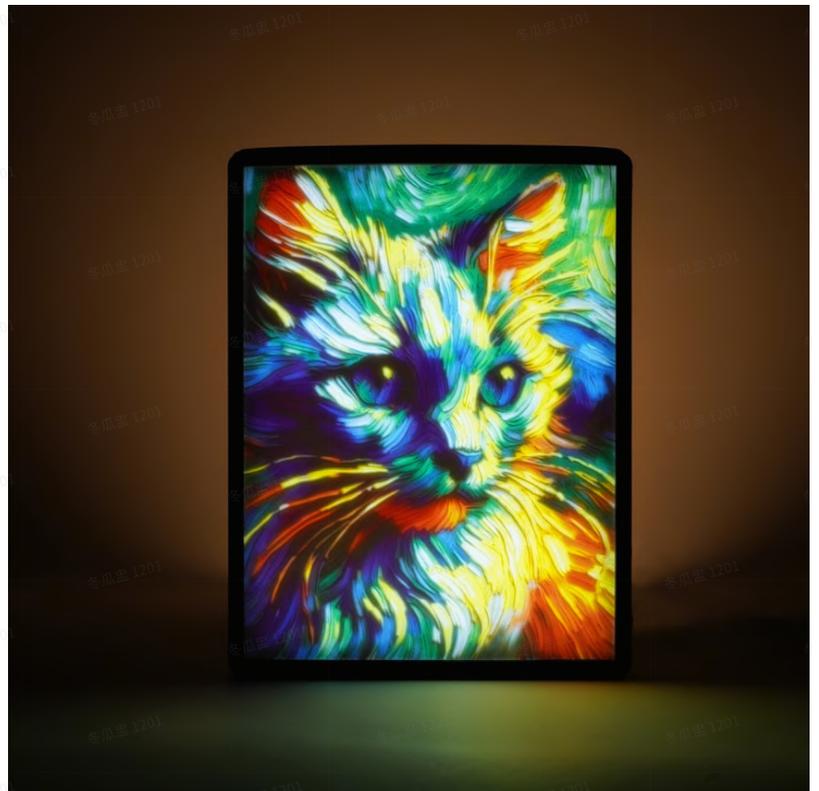


Figure 9

Remove the light board

Press down on one side of the snap and use a screwdriver to pry the light panel out through the gap.

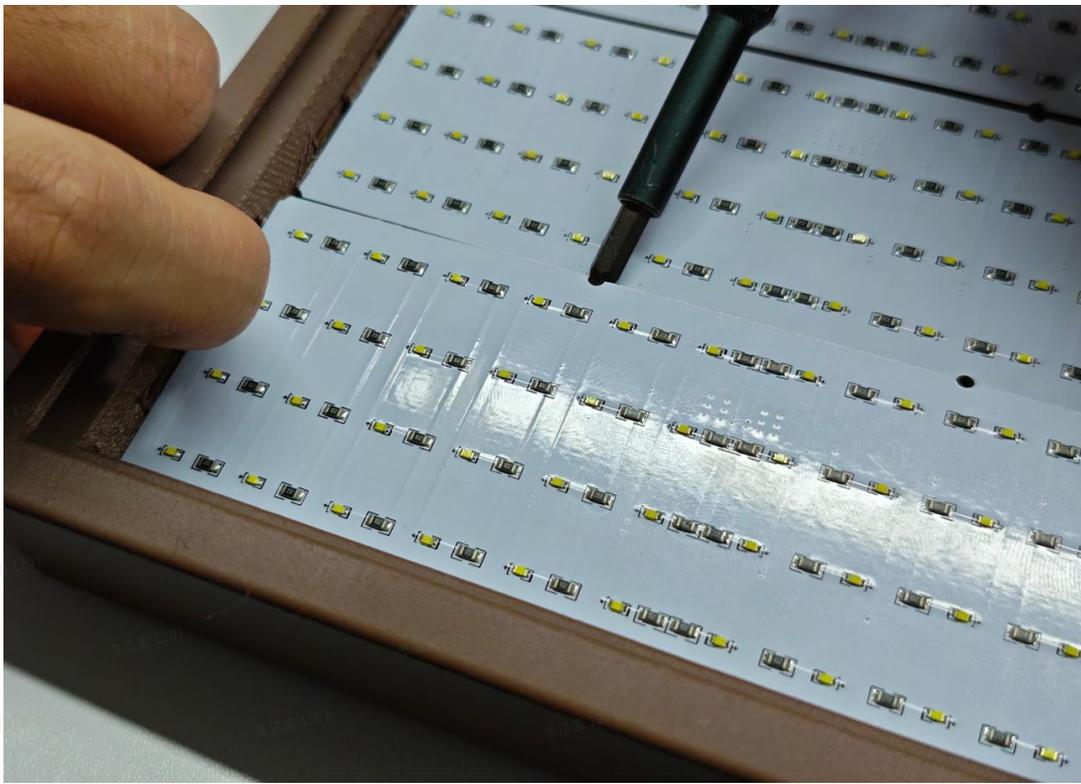


Figure 10