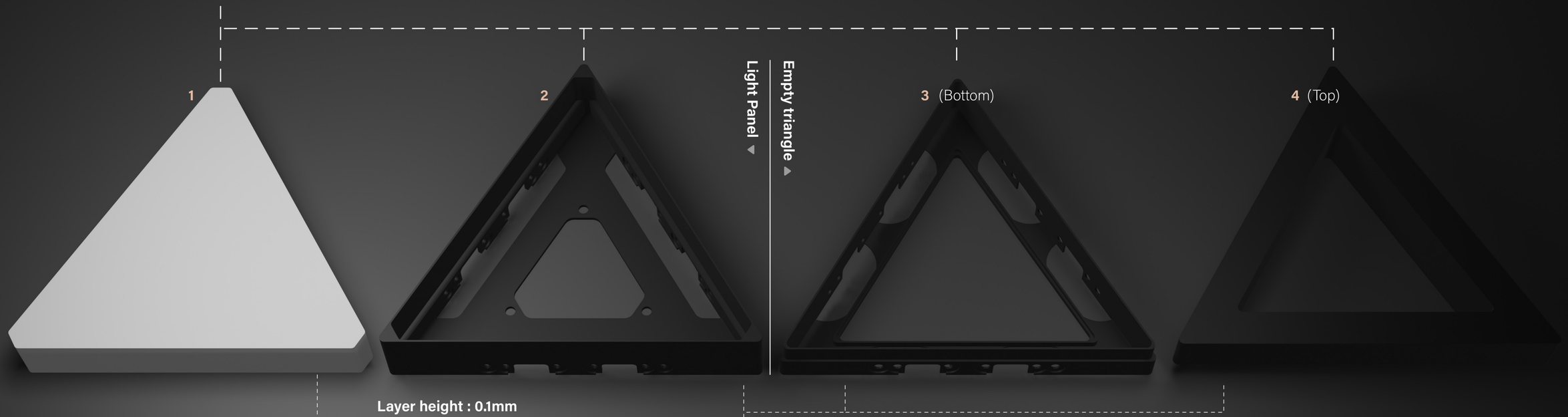
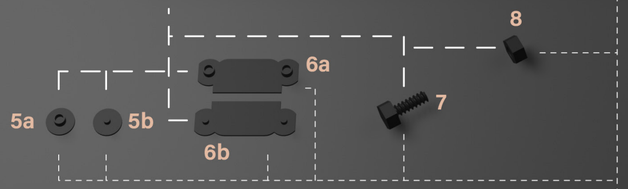
Layer height : 0.3mm

You can try out different layer heights with the 0a and 0b files (small box)
to make sure that both parts fit well.



Layer height : 0.1mm



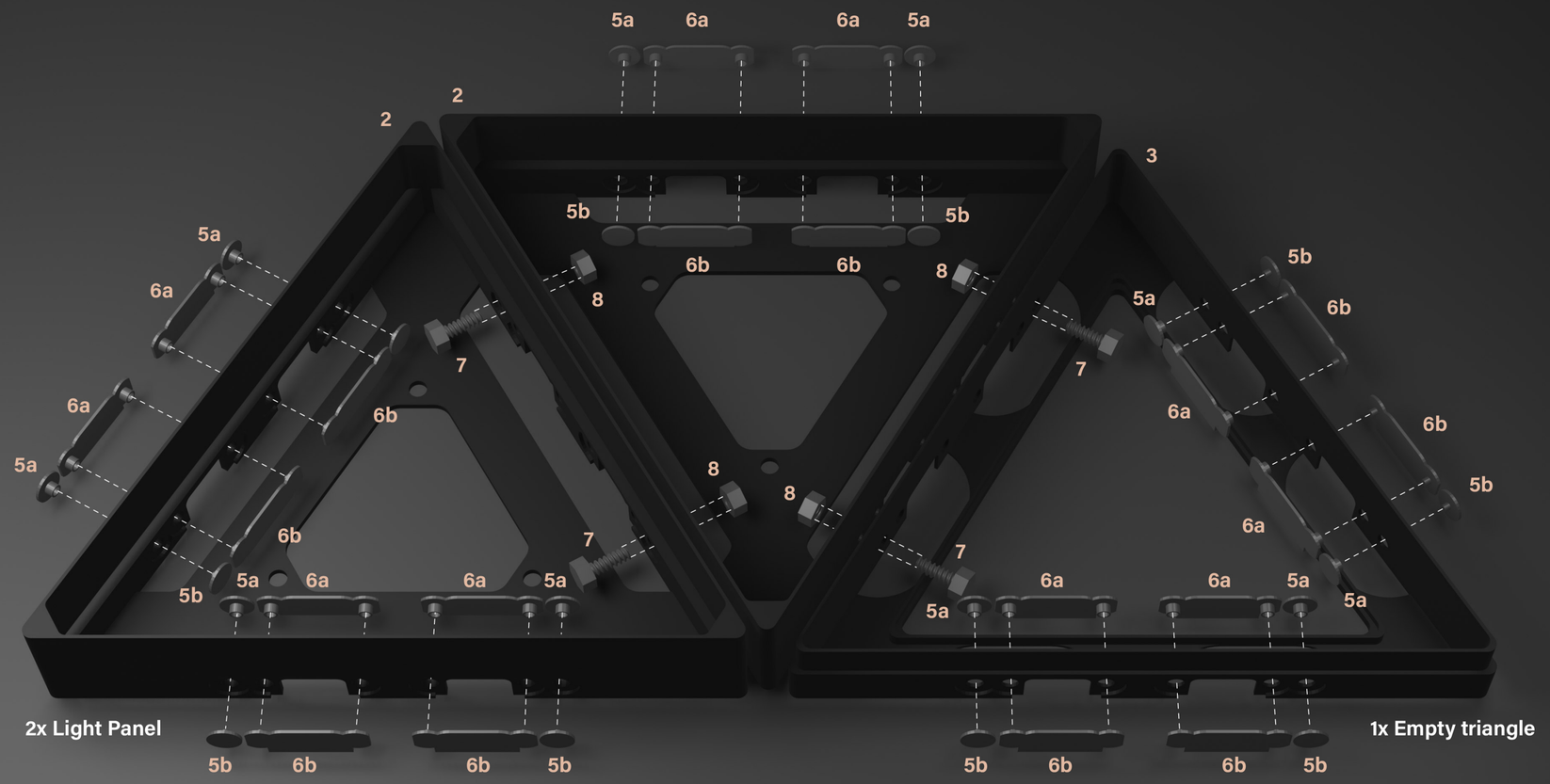
White material

Dark material

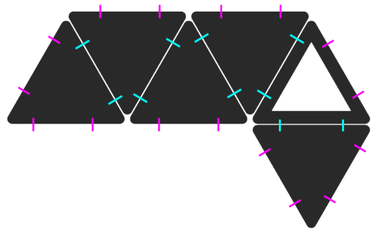
Light shall not pass

Example

(2x light panels + 1x empty triangle)



Other example :



Name	Quantity	
1.stl	5	
2.stl	5	
3.stl	1	
4.stl	1	
5a	14	
5b	14	
6a	14	
6b	14	
7	10	
8	10	

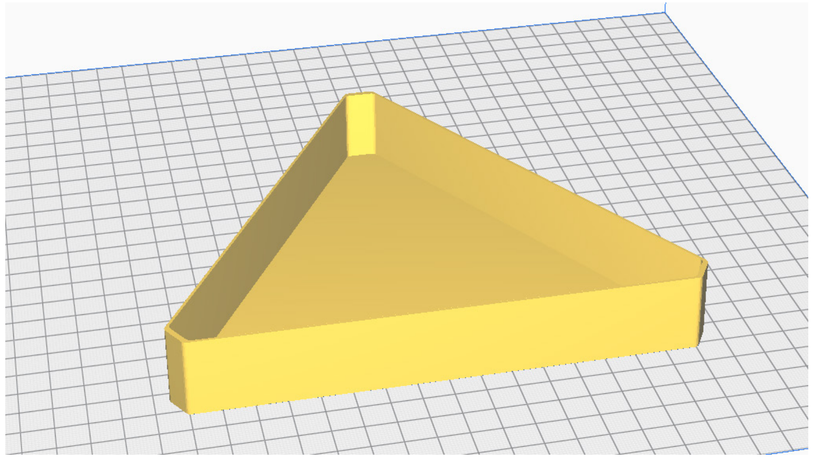
Example

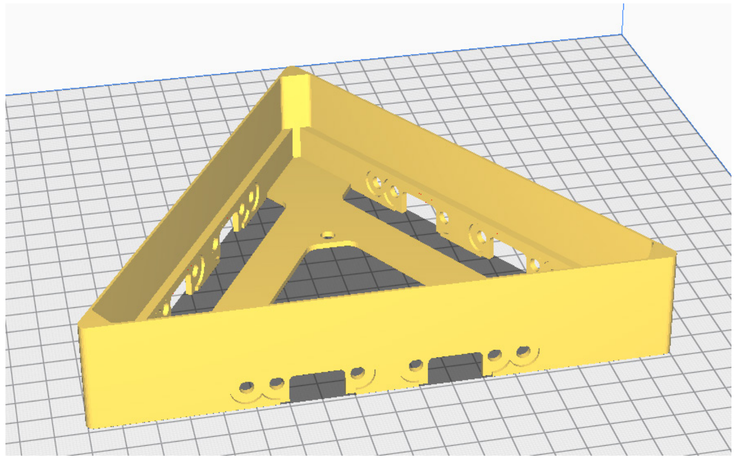
(2x light panels + 1x empty triangle)

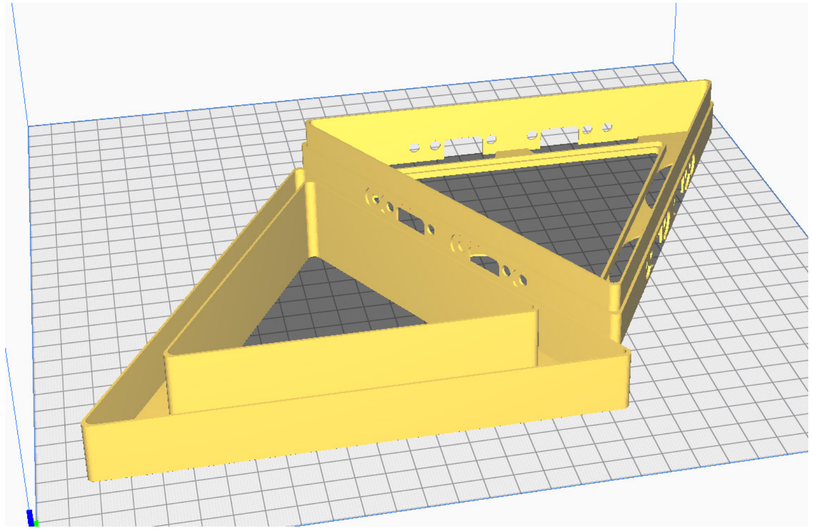
Example

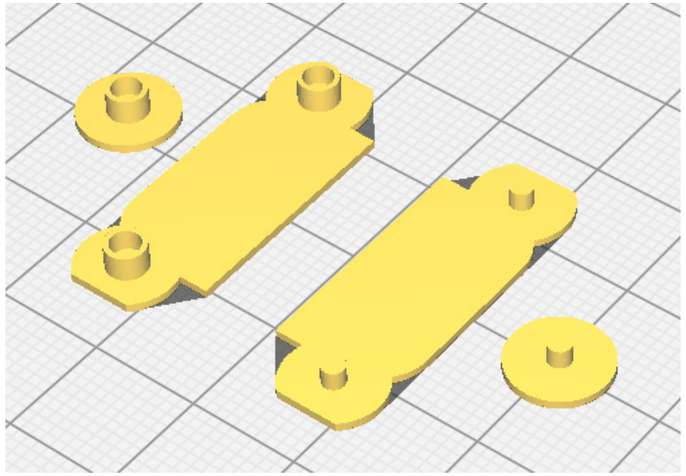
(2x light panels + 1x empty triangle)

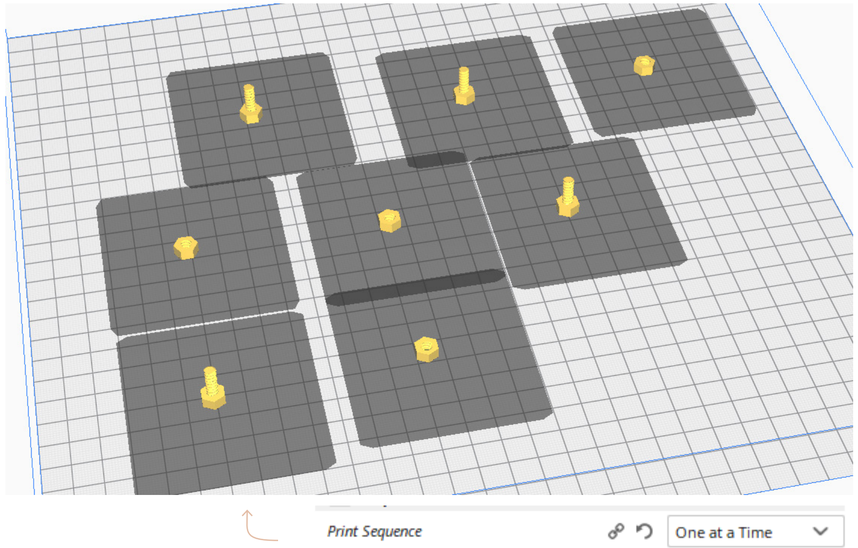
Printing direction



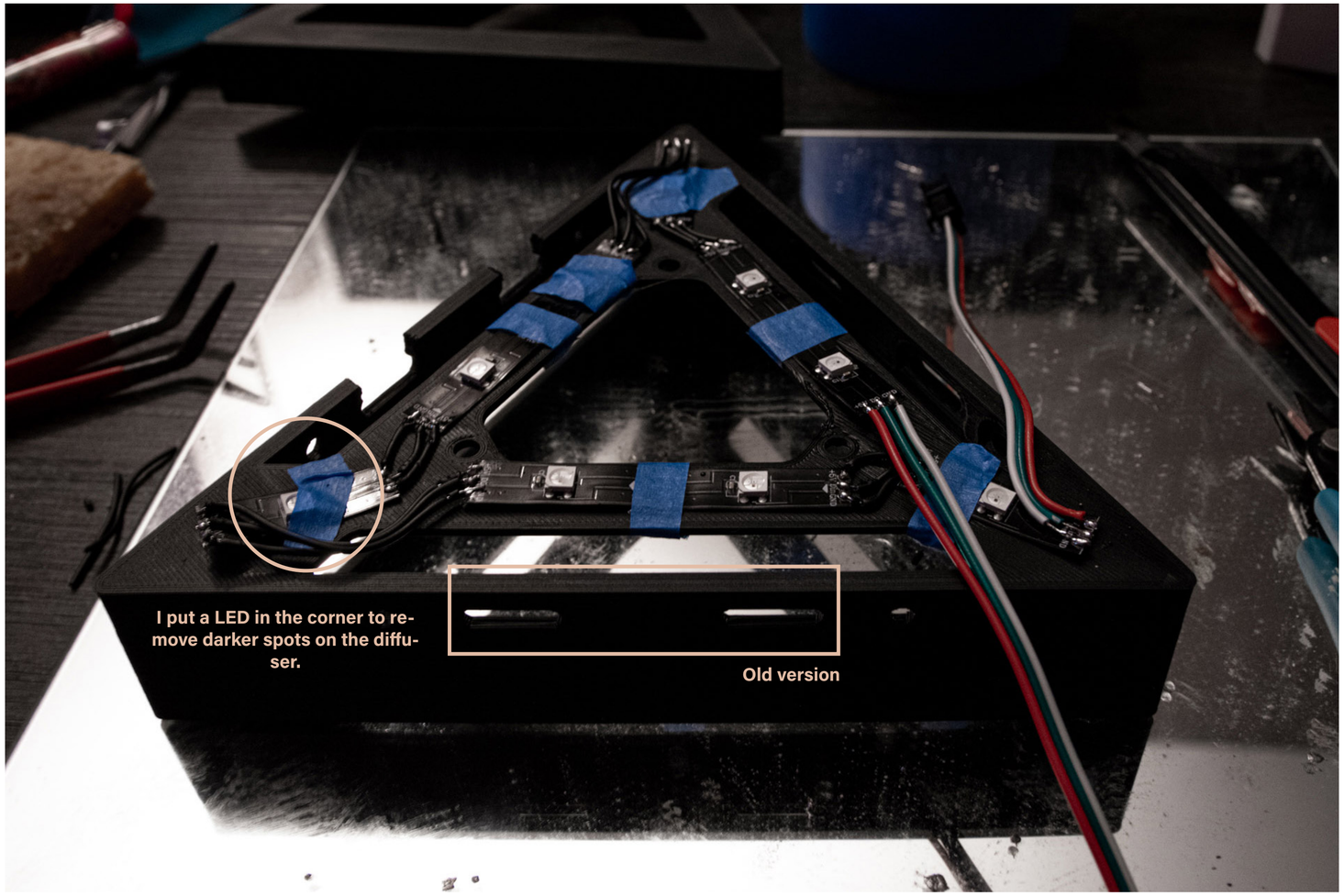








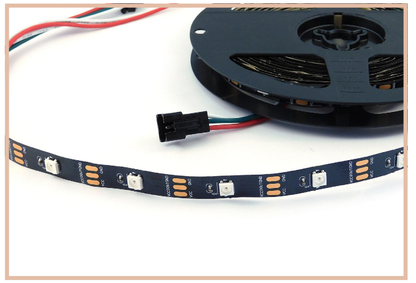
I print the screw once at a time to increase the quality and avoid the stringing.
You can find this option in Cura.



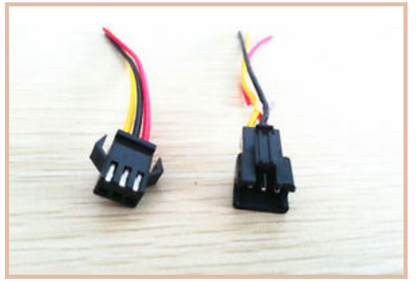
To get the wiring pattern that I wanted, I first flipped the bottom part then welded on top of it.

You have to keep some space between the corner's LEDs and the border of the triangle.

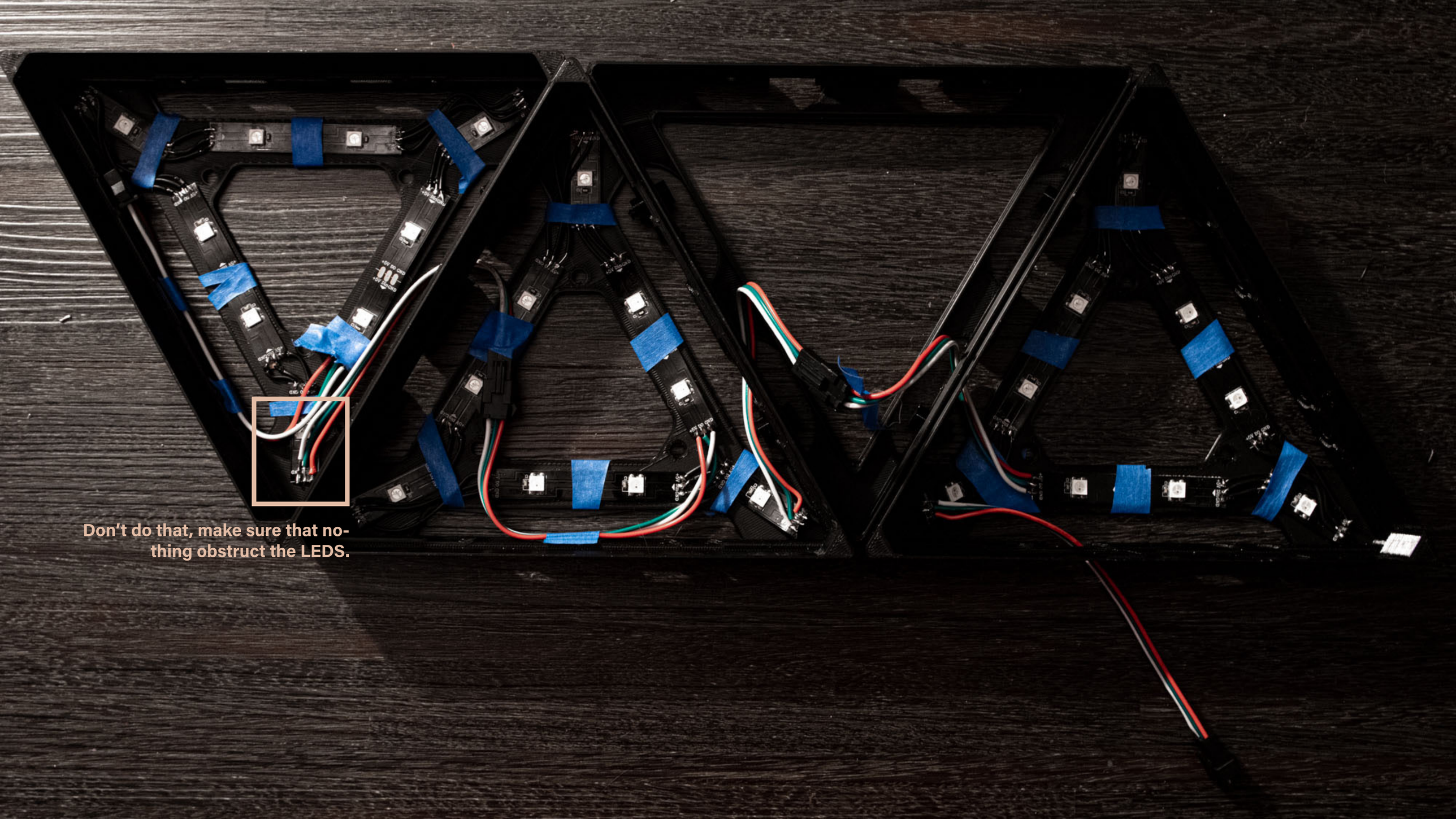
I then put back the strip in the triangle.



30 LED/m strip, 5V



JST 3 pin connector



Don't do that, make sure that nothing obstruct the LEDS.