



## Snap together Mini+ light



Aargon

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### Summary

I took inspiration from the original prusa mini LED light bar and two other remixes.



5.02 hrs



5 pcs



0.20 mm  
0.30 mm



0.60 mm



PET



106 g



Prusa MINI /  
MINI+

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I have to give credit to the original designer **jagr200**. After seeing their design I decided I wanted something that could be printed entirely on a Prusa mini without the need to get metal rails or do any soldering.

This lead me to create a way to snap four corners of the light rail together with three separate rails. I did need to sand down the inserts just a bit to make it all fit together plus some gel based gorilla glue but I'm satisfied with the result.

I also used a cheap LED string light that fit into 9mm channels on a 200mm long rail created by **DFV Tech**. Im also including the 236mm long rails they created but altered to snap together to allow the rail to be

printed using a mini. I havent printed the 236mm long rail myself but I wanted the option if I didnt like the size of the shorter light rig.

The right bracket includes two cut outs to allow for more light which was inspired by [levelmyb3d](#).

PETG was used for this make and so far its held out pretty well.

## This remix is based on



### Prusa Mini LED Light Bar

by [jagr200](#)



### Prusa Mini LED Light Rig

by [levelmyb3d](#)



### Printed LED channels for Prusa Mini LED Light Bar

by [DFV Tech](#)

## Model files



### left-bracket-corners-and-rail.stl



### back-rail.stl



### snap-together-236mm-center-rail-with-9mm-channel.stl

☐ print twice



### snap-together-right-bracket.stl



### printed-center-rail-for-9mm-led-strips-200mm-long.stl

☐ Print twice

## Print files



### back-brackets-snap.gcode

PET 0.60 mm 0.20 mm 1.13 hrs 20 g Prusa MINI / MINI+



### 200mm-rail-9mm-center.gcode

PET 0.60 mm 0.20 mm 1.42 hrs 28 g Prusa MINI / MINI+

☐ Print twice



### back-rail.gcode

PET 0.60 mm 0.20 mm 0.88 hrs 16 g Prusa MINI / MINI+



### front-bracket-snap.gcode

PET 0.60 mm 0.30 mm 2.47 hrs 58 g Prusa MINI / MINI+



### 236-center-rail-snap.gcode

PET 0.60 mm 0.20 mm 1.81 hrs 34 g Prusa MINI / MINI+

☐ Print twice

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