

# Illuminated moon wall lamp



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## Summary

An illuminated moon of almost half a meter to hang on the wall. Moon surface model is based on the real lunar 3D data.

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A remix of an amazing design by Martin Kozak. Moon surface model is based on the real lunar 3D data.

I wanted the moon to be larger and more decorative. The moon is now split into four parts and has a diameter of almost half a meter.

Additionally, I made a new frame that is less noticeable and matches the modified moon.

I printed the moon pieces flat with a 0.4mm nozzle and used variable layer height with max quality, 15% infill and 6 top layers to achieve a very nice result.

Materials used:

- PLA
- Superglue
- Joint sealant (to fill some small gaps between the pieces of the moon)


- Spray paint (to paint the moon after using the sealant)
- MDF board thickness 3mm (to cut a circle of 50.2 cm diameter to glue all the pieces on and add strength)
- 1.53m LED strip (I used a COB led strip to get uniform light)
- Frame/painting hook


## This remix is based on




**Wall Moon Lamp by Martin Kozak**

## Model files



**Border**
4 files


**border-part.3mf**


☐ A total of 6 parts needed for 1 circle, with place for 3mm mdf-board


**border-part-with-cable-hole.3mf**

☐ A total of 6 parts needed for 1 circle, with place for 3mm mdf-board


**border-part-without-place-for-3mm-mdf-board.3mf**

☐ A total of 6 parts needed for 1 circle


**border-part-with-cable-hole-without-place-for-3mm-m... .3mf**

☐ A total of 6 parts needed for 1 circle



## Moon parts

4 files



### moon-part-1.stl

☐ Best print with variable layer height



### moon-part-2.stl

☐ Best print with variable layer height



### moon-part-3.stl

☐ Best print with variable layer height



### moon-part-4.stl

☐ Best print with variable layer height

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