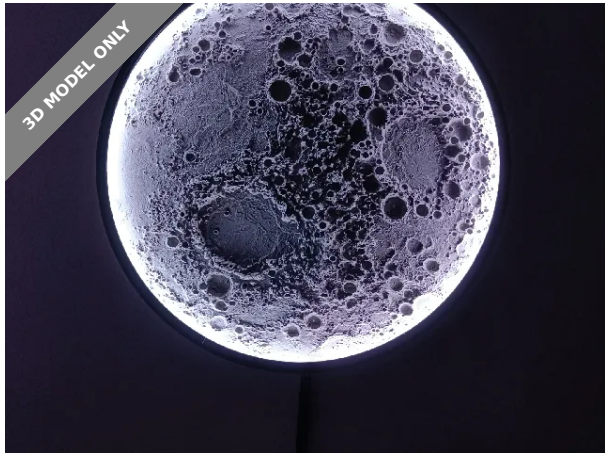




Illuminated moon wall lamp



DazedDice

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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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Update:

A refined Version 2 of this moon wall lamp is now available. It keeps the same core idea, but improves details, assembly, and overall finish based on feedback from this original release.

This Version 1 remains fully usable.

If you're starting a new build, you may want to take a look at Version 2 here:

<https://makerworld.com/nl/models/2320985-large-illuminated-lunar-wall-lamp-version-2#profileId-2534929>

This is a larger and more decorative remix of a moon lamp originally designed by Martin Kozak.

The moon is split into four separate pieces and has a diameter of almost 50 cm.

I also designed a custom frame that is more subtle than the original and better matches the modified moon shape.

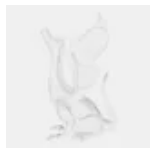
To achieve the best surface quality, the moon parts were printed flat on the build plate using variable layer height.

No supports are needed.

Materials used:

- PLA (matte recommended for frame)
- Superglue
- Joint sealant (to fill small gaps between the moon pieces)
- Spray paint (light gray or beige recommended, after filling the gaps)
- 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 max 9mm width (COB LED strips are recommended for a more uniform light output)
- Frame/painting hook

This remix is based on



None

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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