



D20 Lamp



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Summary

A lamp with 20 sides. You can roll it but it is much more fun to have it shine a light on your next gaming session.

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Do you like dice? Which one is your favorite? The twenty sided one maybe?

Wouldn't it be great to have a really big one that could illuminate your next gaming session?

With this lamp you can print your own and hang it or place it wherever you want.

What you will need is:

12x the corner

30x the edge

A total of 20 sides (surprising, isn't it?)

You can choose freely which sides you want on your d20. All numbers are available as well as one side that can take a standard E27 light bulb like

https://www.amazon.de/gp/product/B08KVVMVH1/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

The sides can be either glued in place or attached with magnets.

If you glue them you can use the dowels to ensure proper placement while the glue dries.

If you want to be able to replace the light bulb after assembling the lamp it might be a good idea to attach at least the side opposite the bulb with magnets.

The holes in the edges and sides fit 3x2 mm magnets like

<https://www.amazon.de/gp/product/B07H22FW82/>

For the sides a transparent filament it needed obviously. To increase the visibility of the numbers I painted them with a silver color on the inside. This way the numbers don't show up to dark when the lamp is off but dark enough to make them really stand out when the light is on.

If you want the lamp on a little stand you can print the foot and attach it to the bulb side by simply screwing the bulb holder through both.

Updates

2022-08-15: Updated D20 Lamp - Side 14.3mf since it was possible that the number did not fully attach to the underlying surface depending on print settings

Model files



d20-lamp-corner.3mf



d20-lamp-edge.3mf



d20-lamp-dowel.3mf



d20-lamp-side-00-bulb.3mf



d20-lamp-side-01.3mf



d20-lamp-side-02.3mf



d20-lamp-side-03.3mf



d20-lamp-side-04.3mf



d20-lamp-side-05.3mf



d20-lamp-side-06.3mf



d20-lamp-side-07.3mf



d20-lamp-side-08.3mf



d20-lamp-side-09.3mf



d20-lamp-side-10.3mf



d20-lamp-side-11.3mf



d20-lamp-side-12.3mf



d20-lamp-side-13.3mf



d20-lamp-side-14.3mf



d20-lamp-side-15.3mf



d20-lamp-side-16.3mf



d20-lamp-side-17.3mf



d20-lamp-side-18.3mf

d20-lamp-side-19.3mf



d20-lamp-side-20.3mf



d20-lamp-foot.3mf



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