



# Illuminated Christmas star / beleuchteter Weihnachtsstern



themelle

VIEW IN BROWSER

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## Summary

A simple yet very festive print to enjoy the holiday season.

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A simple yet very festive print to enjoy the holiday season.

You will need a 6V power source, flexible 2-stranded wiring, as well as a E10 bulb socket (<https://www.amazon.de/dp/B09F2HQQYKQ>) and a E10 6V LED bulb (<https://www.amazon.de/dp/B0BJL9ZQ79>).

As well as some plastic glue - I used UHU Hart Kunststoff (<https://www.amazon.de/UHU-46650-Spezialkleber-harte-Kunststoffe/dp/B000QB6HZK>).

Print in transparent material (PLA, PET):

- 1x center-top-v3.stl
- 1x center-bottom-v3.stl

Print in colored material (opaque or translucent) (PLA, PET):

- 1x socket-v3.stl
- 8x spike-small.stl
- 17x spike-large-v3.stl

Prints mostly support free, only “socket-v3.stl” and “center-top-v3.stl” need some.

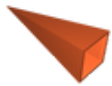
To assemble first glue the center parts together - alignment should be obvious.

Then add the spikes, one row a a time. Be generous with the glue ;-)

Fling the wiring through the socket cover, add a tad of lubricant (PTFE, olive oil, ...) to the socket's outside and press fit the socket in the cover. Then install the LED and press fit the lighting into the hole of the star center part. Apply 6V DC and enjoy the festive season.

## Model files

**spike-large-v3.stl**



**center-bottom-v3.stl**



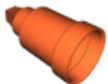
**center-top-v3.stl**



**spike-small-v3.stl**



**socket-v3.stl**



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