

Great Lion Wall Light

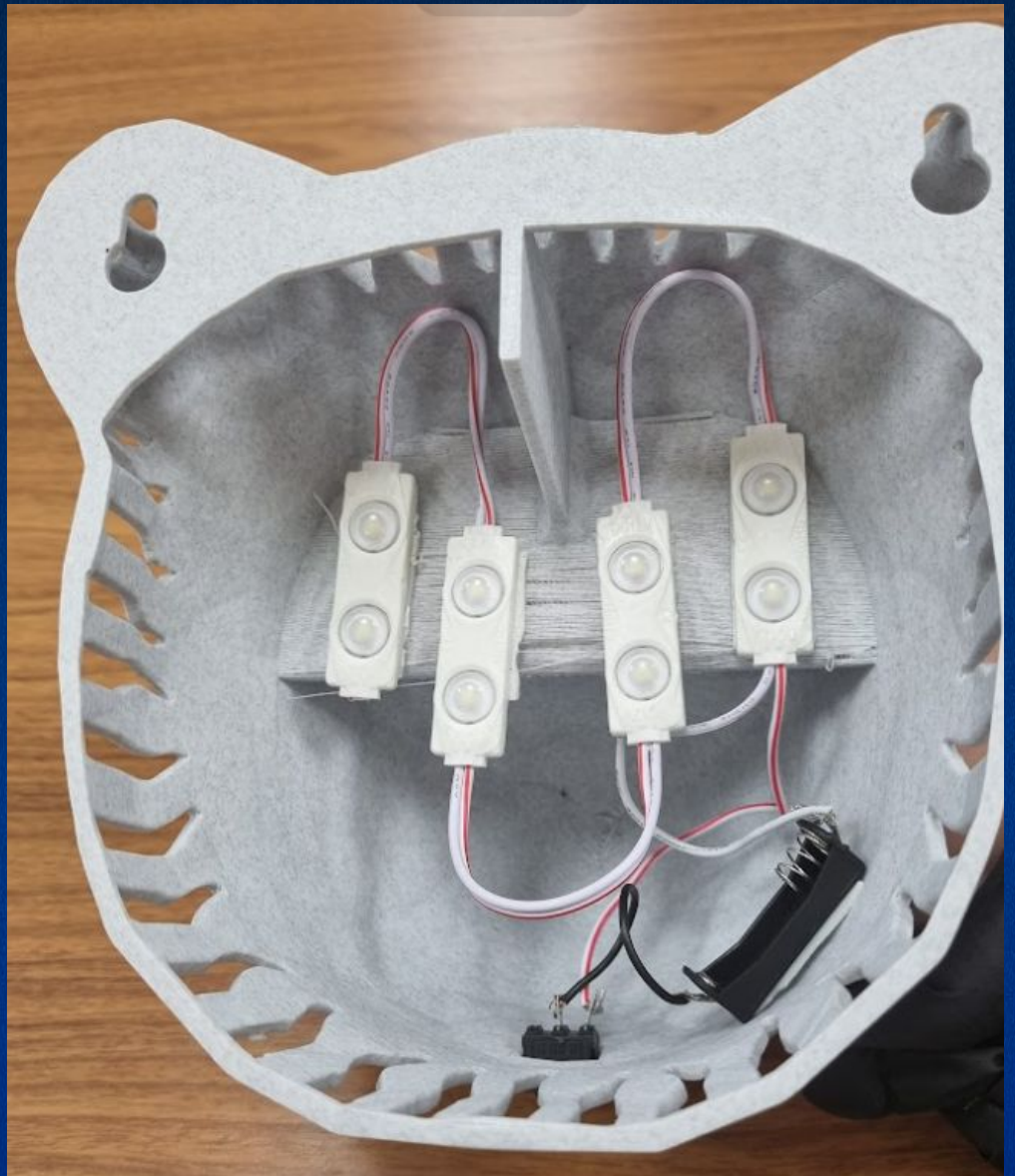
3D MODEL DESCRIPTION

She's going to guide you to the sweet dreams land. Don't resist.

Your Dream Fairy requires some assembly. Follow the instructions below:

What you'll need:

Printed light
LED Module (4x)
Battery Holder 12V
On-Off Switch
Solder
Soldering Iron
Electric Wire (5cm)



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3D MODEL DESCRIPTION

On-off Switch (15mm x 10mm 12V)

https://www.amazon.com/Endlessparts-Pieces-Black-Rocker-switch/dp/B09885NWGC/ref=sr_1_3?crid=26CUL3Y5FPNQE&keywords=switch+12v+15mm&qid=1690546495&srefix=switch+12v+15mm%2Caps%2C200&sr=8-3)

Battery Holder 23A

https://www.amazon.com/LUORNG-10PCS-Battery-Holder-Leads/dp/B09L87S74L/ref=sr_1_1_sspa?crid=OIAG6FT3G4J9&keywords=23a+battery+holder&qid=1689093789&srefix=23a+%2Caps%2C245&sr=8-1-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1

Wire

https://www.amazon.com/TYUMEN-Electrical-Extension-Flexible-Lighting/dp/B07SG23DT1/ref=sr_1_14_sspa?keywords=led+wire&qid=1690517964&sr=8-14-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1

LED Module

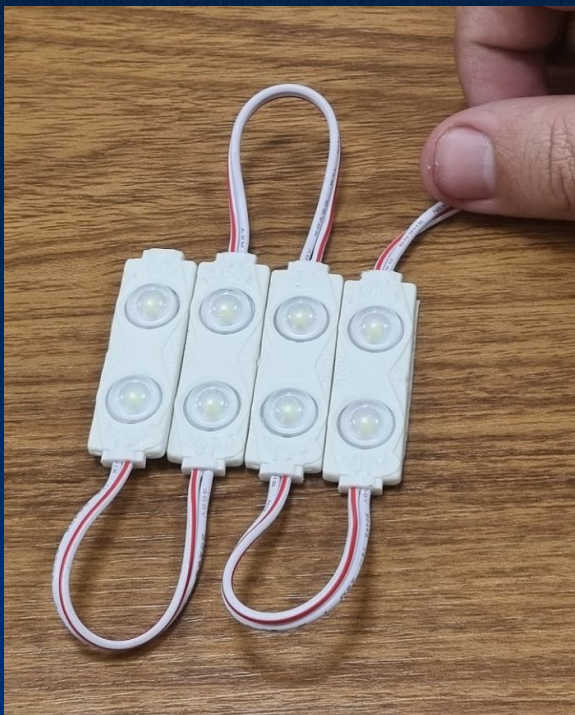
https://www.amazon.com/Rextin-Waterproof-Decorative-Advertising-Adhesive/dp/B07BKT53ZP/ref=sr_1_4_sspa?keywords=led%2Bmodules&qid=1689093544&sr=8-4-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1

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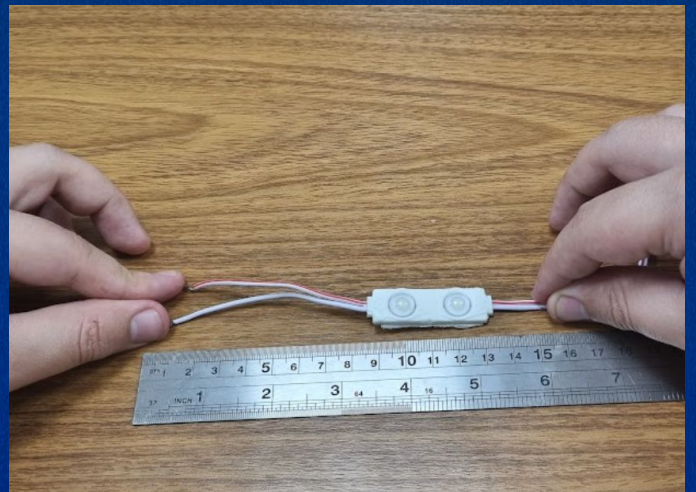
3D MODEL DESCRIPTION

Instructions:

- Separate the LED modules from the rest. Do not cut the wires between these two modules.



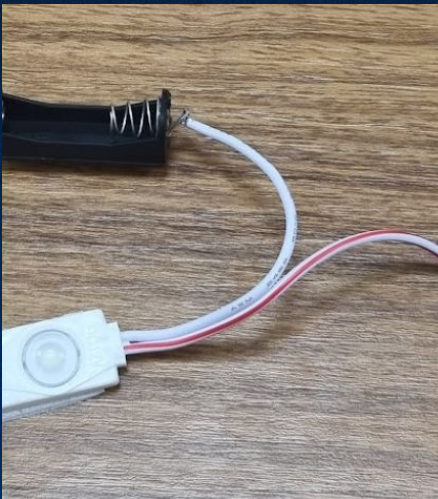
- On the end of one module, separate the two wires (the white and the red) from one another. Cut both wires at a length of 9cm. Strip the ends of both wires in about 1cm.



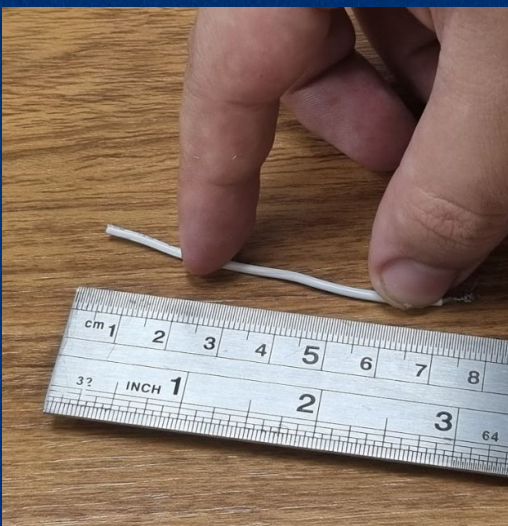
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3D MODEL DESCRIPTION

- Using a solder, attach the white wire to the battery holder on its negative side (the one with the spring).



- Cut two separate pieces of electric wire of 8cm each, strip the ends and solder one of them to the positive side of the battery holder.



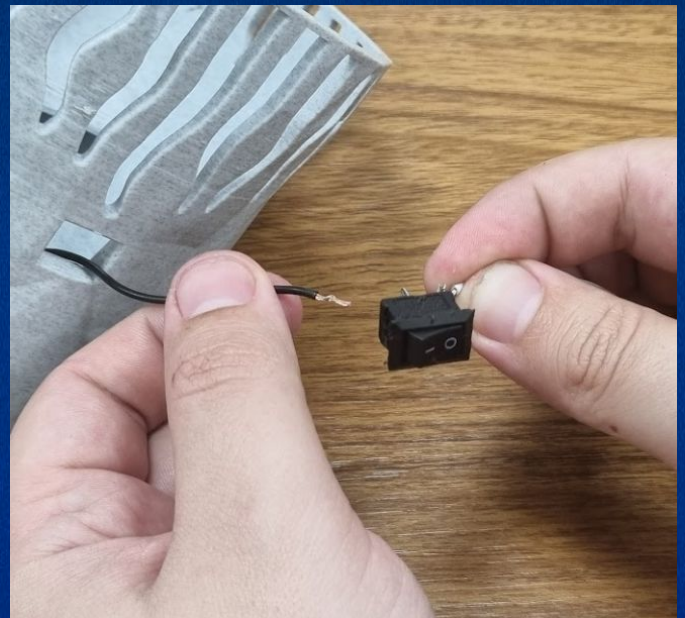
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3D MODEL DESCRIPTION

- Solder the other wire to the “o” (off) pin of the on-off switch.



- Thread the electric wire you attached to the battery holder through the rectangle hole of the Great Lion, then solder its end to the “I” (on) pin on the on-off switch.



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3D MODEL DESCRIPTION

- Fit the on-off switch into the rectangle hole made for it on the Great Lion, and solder the wire connected to the “o” (off) pin of the on-off switch to the white wire of the LED module.



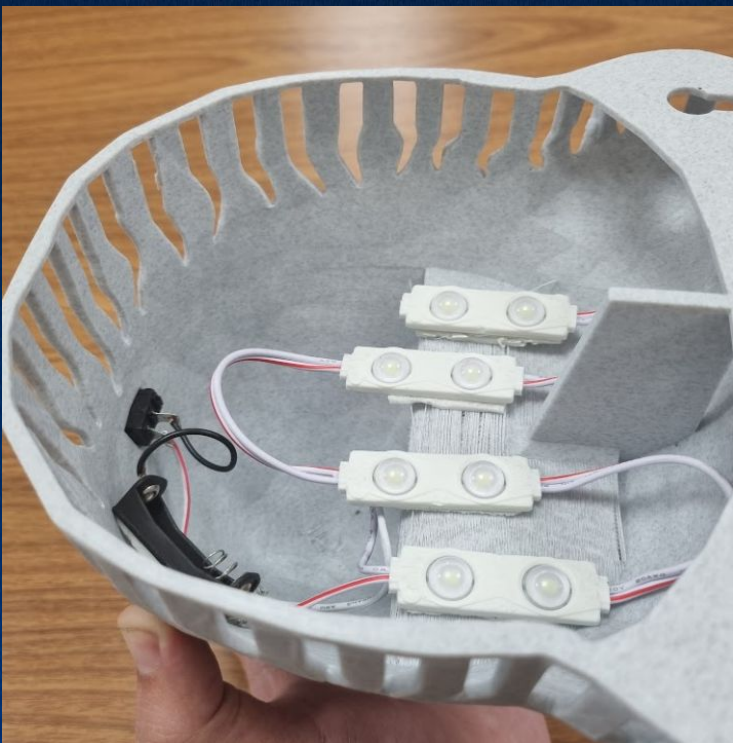
- Use double sided tape to glue the battery holder in place inside the Great Lion according to the picture.



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3D MODEL DESCRIPTION

- Using their own double sided tape, glue the two LED modules on the inside of the Great Lion according to the picture. For better projecting results, try alternating the height in which you place each module.



- Your Great Lion is ready to shine!

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3D MODEL DESCRIPTION

- This STL file is recommended for FDM Printers!
- 3D Printing Time: 1 Day 05 Hours 43 Minutes
- Approximately Height : 16,8 cm

3D PRINT FILE SETTINGS (FOR 0.4 MM NOZZLE)

- **Line Width/ Nozzle:** 0.4 mm
- **First Layer Line Width:** 0.48 mm / 120%
- **Average Speed:** 20mm/s (First Layer) / 50mm/s (All the other layers)
- **Recommended Initial Layer Height:** 0.20 mm
- **Recommended Layer Height:** 0.20 mm
- **Recommended Perimeters/ Walls:** 3.
- **Recommended Infill (%):** 10% (Gyroid)
- **Needs Support:** We have printed ours without supports (note that if you choose to print this way, the inside of your print will have poor finishing. You can always use supports to make your print better)
- **Build Plate Adhesion:** Skirt.

The parameters above are recommendations made by our staff; if you prefer, you can adapt them according to your preferences.

Happy Printing!