

Dream Fairy Wall Light

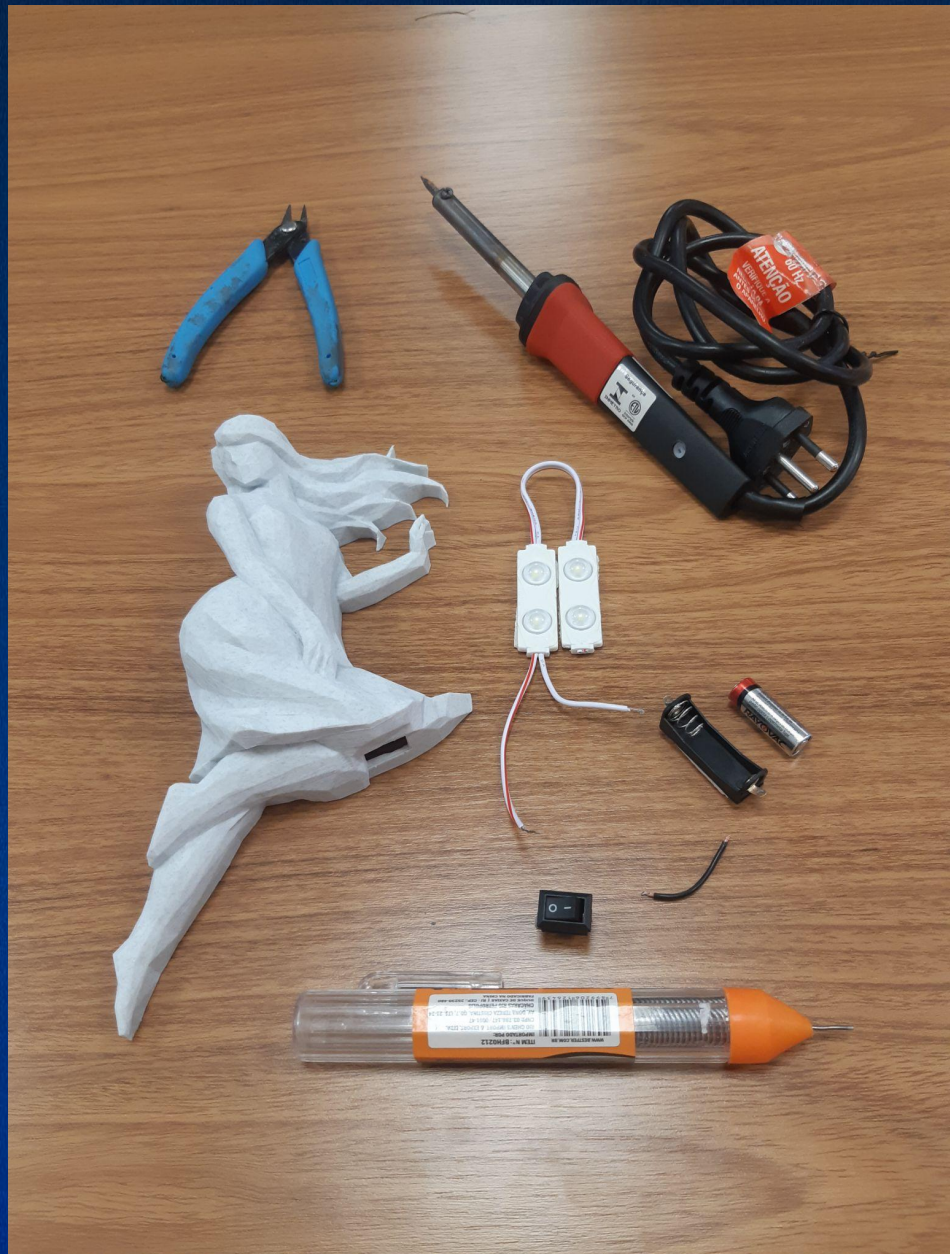
3D MODEL DESCRIPTION

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 (2x)
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

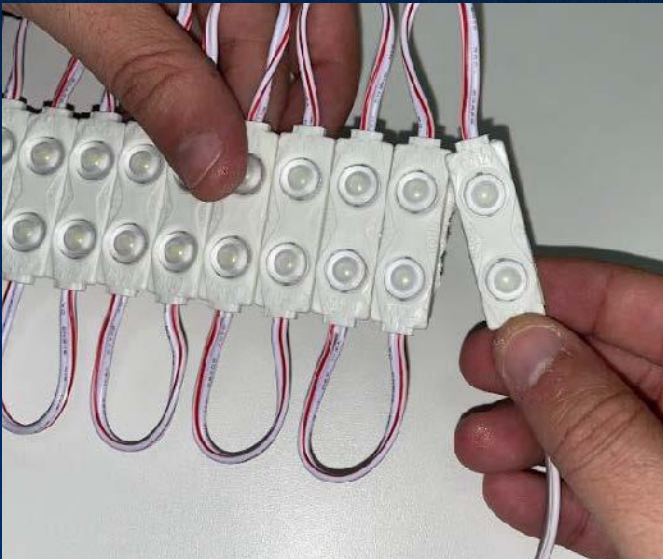
https://www.amazon.com/Rextin-Waterproof-Decorative-Advertising-Adhesive/dp/B07BKT53ZP/ref=sr_1_4_sspa?keywords=led%2Bmodules&qid=1689093544&sr=8-4-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1

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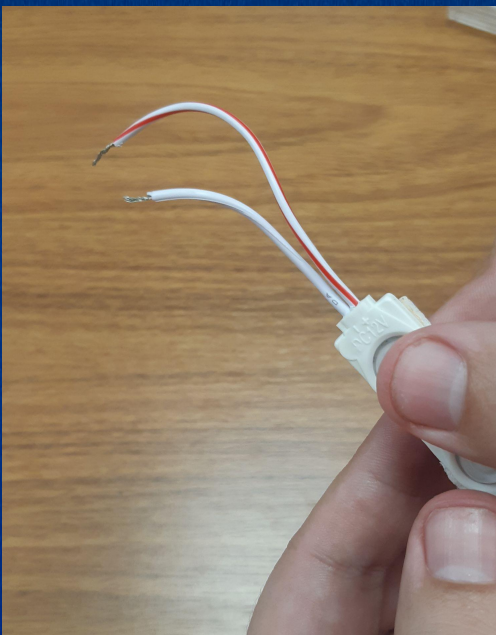
3D MODEL DESCRIPTION

Instructions:

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



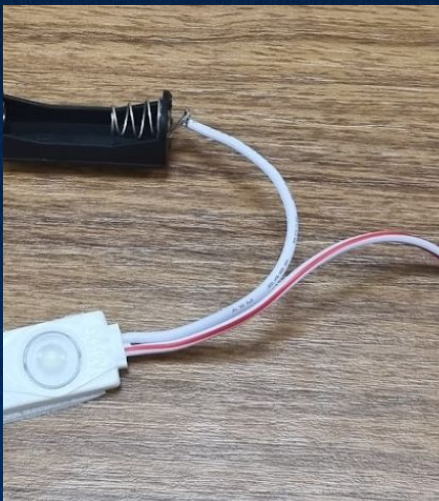
- On the end of one module, separate the two wires (the white and the red) from one another. Cut the red wire at a length of 9cm and the white one at a length of 6cm. Strip the ends of both wires in about 1cm.



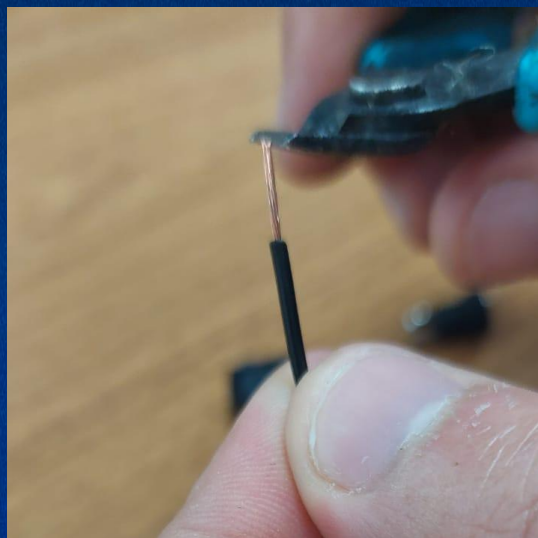
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- Using a solder, attach the white wire to the battery holder on its negative side (the one with the spring.)



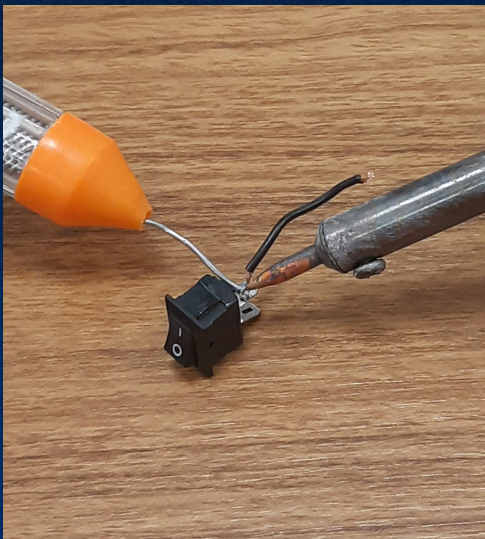
- Cut a separate piece of electric wire of 5cm and strip the ends in about 10mm



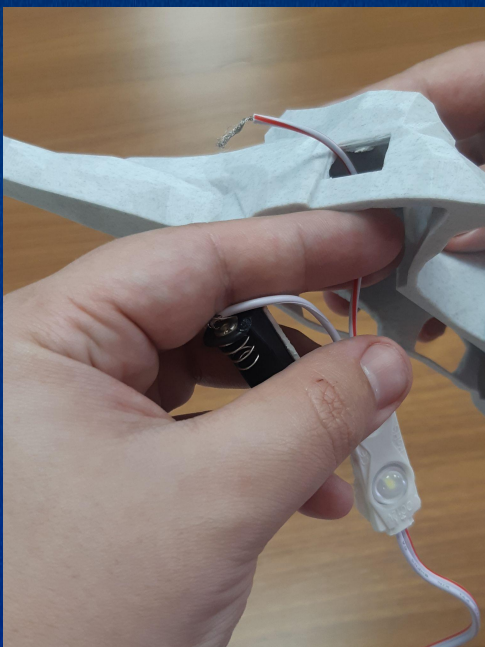
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- Solder one of its ends to the on-off switch aligned to the “I” (on)



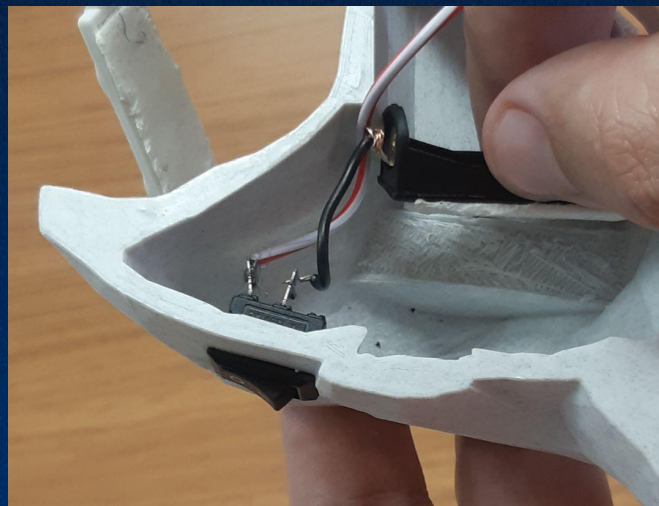
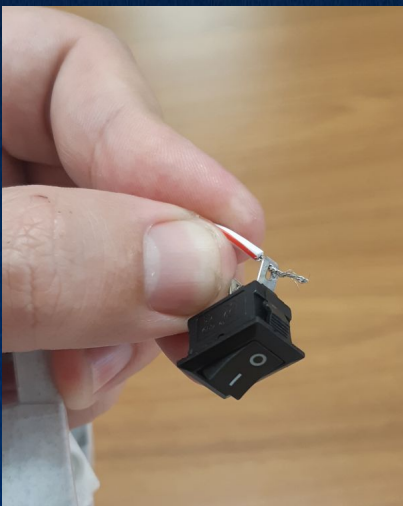
- Thread the red wire through the rectangle hole on the Dream Fairy, then solder its end to the “o” (off) pin on the on-off switch.



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- Fit the switch on the rectangle slot made for it, then solder the wire connected to the “I” (on) pin on the on-off switch to the positive side of the battery holder.



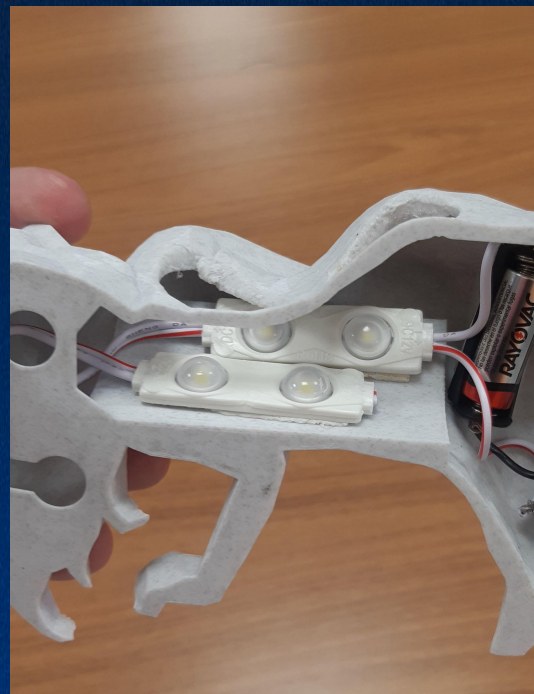
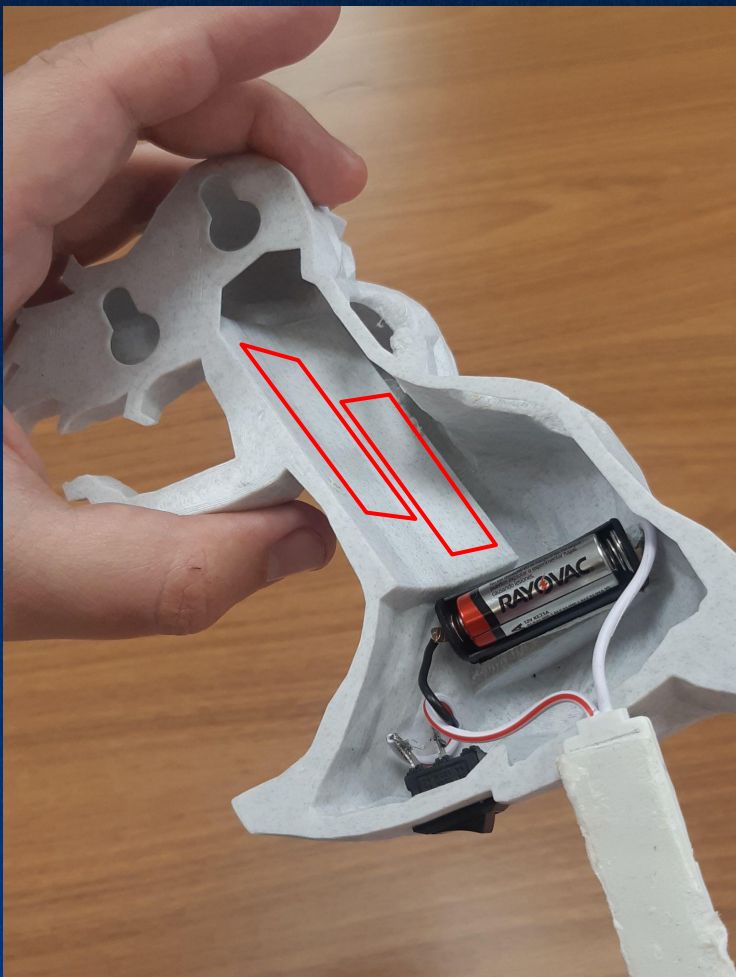
- Use double sided tape to glue the battery holder in place inside the Dream Fairy according to the picture.



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3D MODEL DESCRIPTION

- Using their own double sided tape, glue the two LED modules on the inside of the Dream Fairy according to the picture.



- Your Fairy is ready to shine!

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3D MODEL DESCRIPTION

- This STL file is recommended for FDM Printers!
- 3D Printing Time: 09 Hours 13 Minutes
- Approximately Height : 20 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!