

Pegasus Wall Light

3D MODEL DESCRIPTION

Ride to the realm of dreams on the world's greatest stallion light!

Your Pegasus 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)



Pegasus Wall Light

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

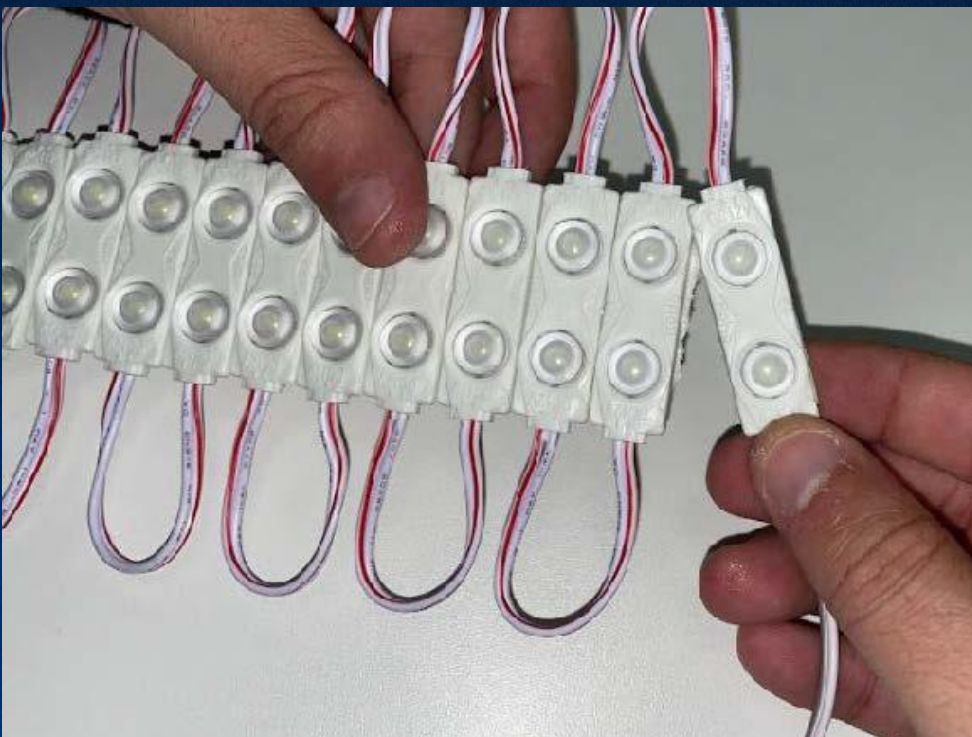
https://www.amazon.com/Rextin-Waterproof-Decorative-Advertising-Adhesive/dp/B07BKT53ZP/ref=sr_1_4_sspa?keywords=led%2Bmodules&qid=1689093544&sr=8-4-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1

Pegasus Wall Light

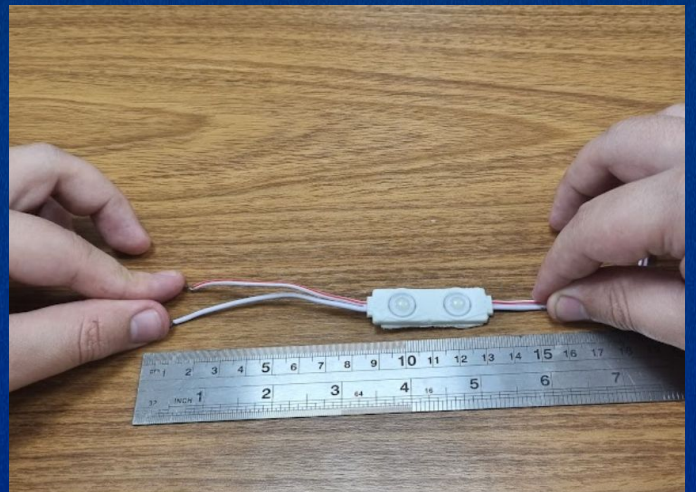
3D MODEL DESCRIPTION

Instructions:

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



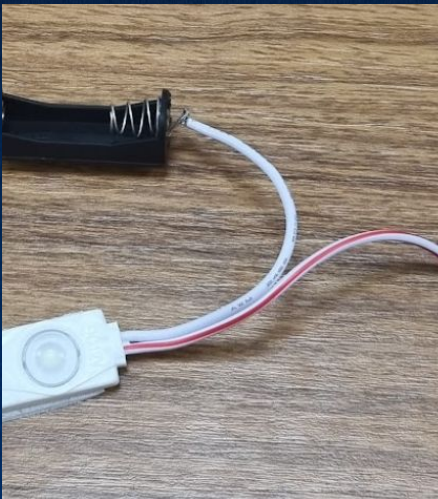
- On the end of one module, separate the two wires (the white and the red) from one another. Cut both wires at a length of 9cm. Strip the ends of both wires in about 1cm.



Pegasus Wall Light

3D MODEL DESCRIPTION

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



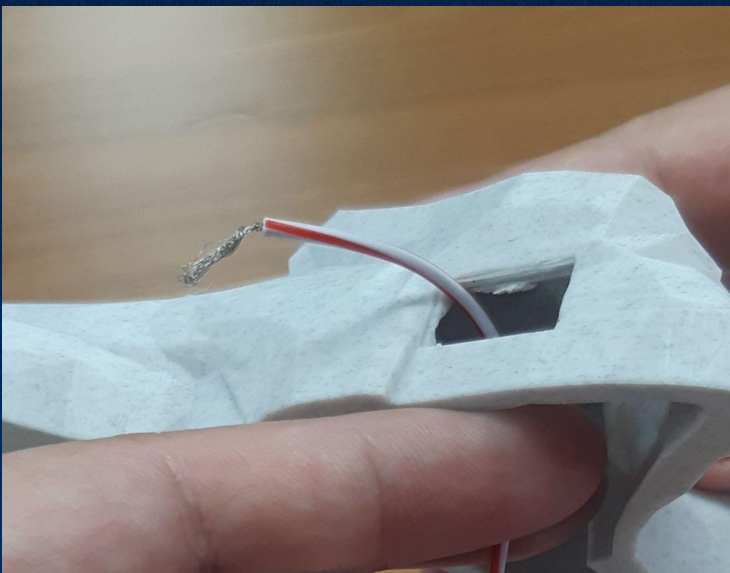
- Cut a separate piece of electric wire of 09cm, strip the ends and solder one of them to the positive side of the battery holder.



Pegasus Wall Light

3D MODEL DESCRIPTION

- Thread the red wire through the rectangle hole on the Pegasus, then solder its end to the "o" (off) pin of the on-off switch.



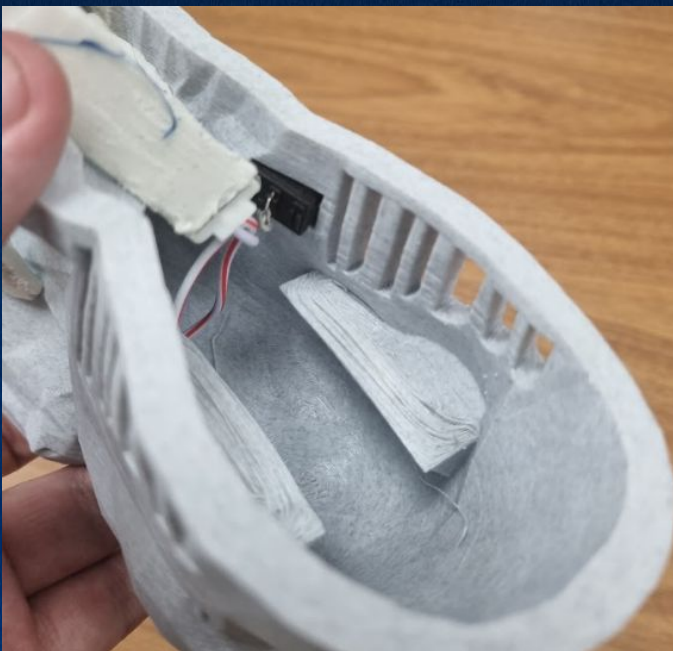
- Fit the on-off switch into the rectangle hole made for it on the Pegasus, and solder the wire connected to the "I" (on) pin of the on-off switch to the positive side of the battery holder.



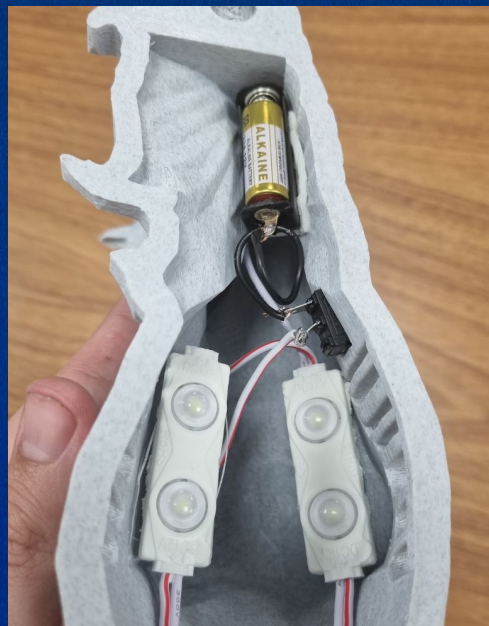
Pegasus Wall Light

3D MODEL DESCRIPTION

- Use double sided tape to stick the battery holder in place inside the Pegasus according to the picture.



- Using their own double sided tape, stick the two LED modules on the inside of the Pegasus on its designated place next to the openings on the model, according to the picture.



Pegasus Wall Light

3D MODEL DESCRIPTION

Ride to the realm of dreams on the world's greatest stallion light!

- This STL file is recommended for FDM Printers!
- 3D Printing Time: 18 Hours 33 Minutes
- Approximately Height : 19,2 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!