

Wall Light DC Powered 12V Plug

ASSEMBLY DESCRIPTION

Your model requires some assembly. Follow the instructions below:

What you'll need:

Printed model
LED Module (depending on the model you're building - 2x or 4x)
DC Power Jack Female
On-Off Switch
Solder
Soldering Iron
Electric Wire 30cm

SUGGESTED LINKS FOR PARTS AND PIECES

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

[Amazon.com: Endlessparts 6 Pieces Black Rocker switch 15mm x 10mm 6a 2pin mini on off spst kdc1 12v b22](#)

DC Power Jack Female

[Amazon.com: ThreeBulls 12 Pieces 5.5mmx2.1mm 2 Pins DC Power Jack Female Panel Mounting Connector Socket](#)

Wire

[TYUMEN 100FT 16 Gauge 2pin 2 Color Red Black Cable Hookup Electrical Wire LED Strips Extension Wire 12V/24V DC Cable, 16AWG Flexible Wire Extension Cord for LED Ribbon Lamp Tape Lighting - Amazon.com](#)

LED Module

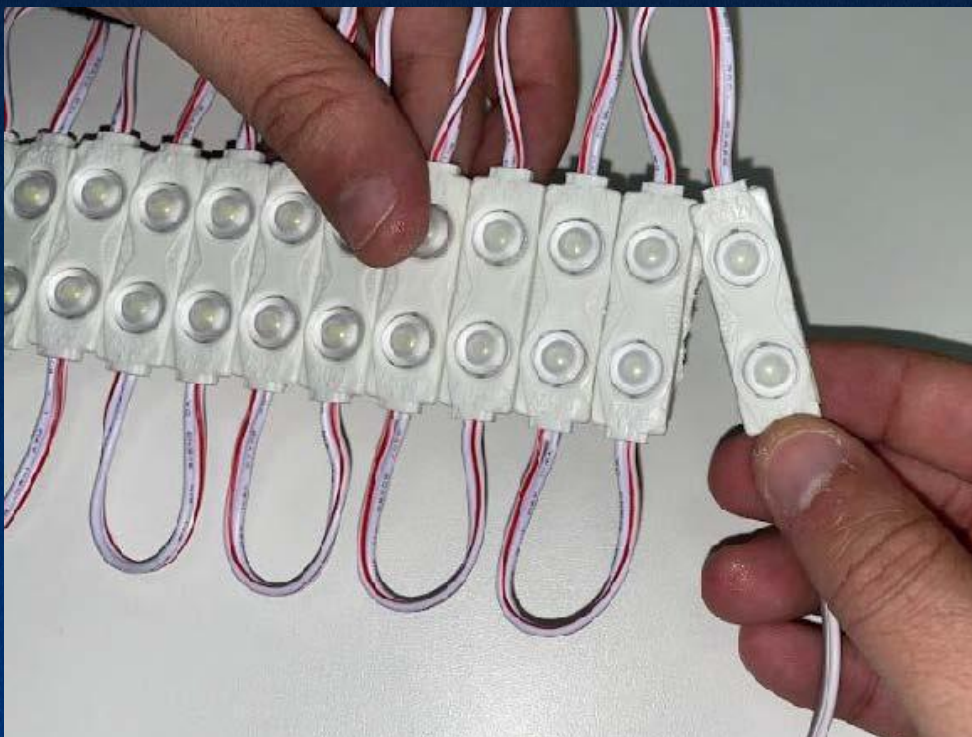
[REXTiN Super Bright 200pcs Mini 2835 2 LED Module DC12V Waterproof Decorative Light for Letter Sign Advertising Signs with Tape Adhesive Backside \(White\) - Amazon.com](#)

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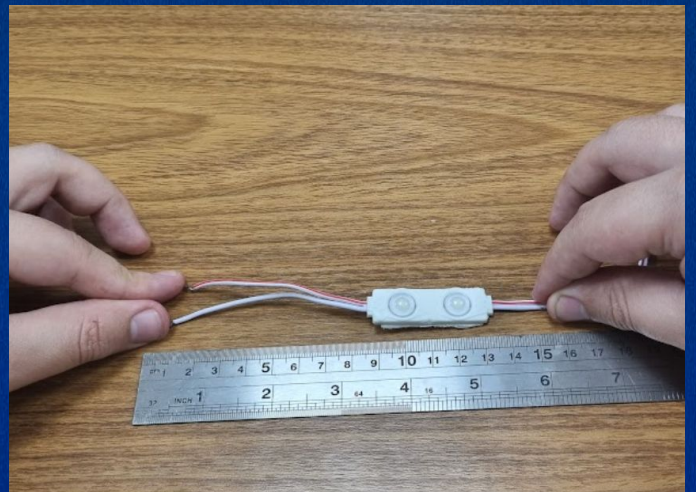
3D MODEL DESCRIPTION

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 0,5cm.

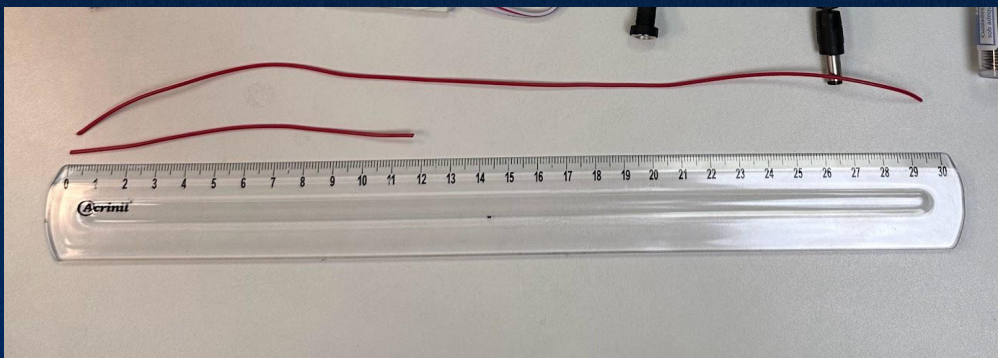


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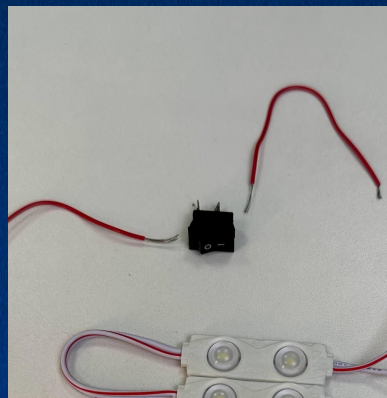
3D MODEL DESCRIPTION

Instructions:

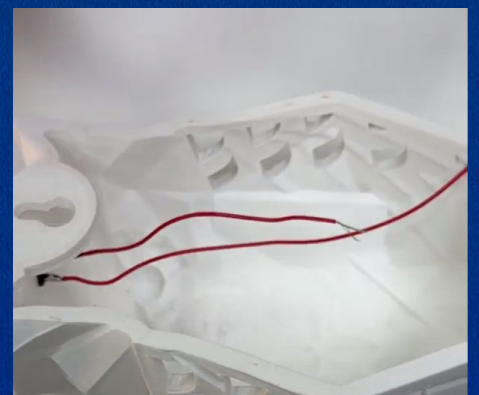
- Cut 2 separate pieces of electric wire to use as POSITIVE (smaller) and NEGATIVE (bigger), strip the ends of both wires approximately 7mm.



- Use solder to attach the **positive** stripped wire end to the "I" (on) pin on the on-off switch.
- Now use solder to attach the **negative** stripped wire end to the "O" (off) pin on the on-off switch.



- place the wires through the hole and pass the negative wire through the hole for the DC power jack female.



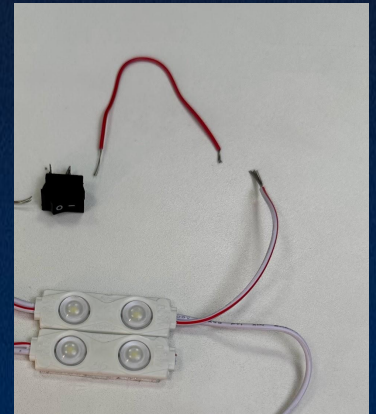
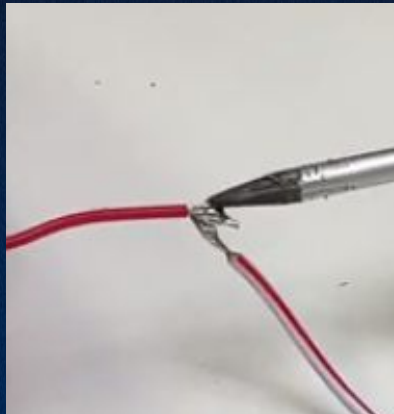
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- Use solder to attach the **negative** stripped wire end to the small pin on the DC Power Jack female
- Now pass the negative LED module wire through the DC Plug hole and weld to the DC Power jack female pin.
- Fit the DC Power Jack female to the printed model



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- Weld the positive wire ("I" on) coming from the on-off switch to the positive wire in the LED module



- Use double sided tape to stick the 2 LED Modules on its designated place (Read Me File 1) on the printed model (read File 1)



- Your model is ready to **shine!**

