



LED Garden Lights - STEP File Included

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Summary

Garden Lights Create a lovely set of spotlights for your garden, printed in whatever colour takes your fancy! LED...

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Garden Lights

Create a lovely set of spotlights for your garden, printed in whatever colour takes your fancy!

LED Units

These have been designed for these cheap LED units from AliExpress.

22mm waterproof indicator lights

<https://nl.aliexpress.com/item/32848939798.html?spm=a2g0s.9042311.0.0.27424c4dYLIbX6>

Cable Management

The powercables run up inside the mounting pole

Printing

Print the Lights and Mount parts without supports laying the flat side on the plate.

For the spike, print it side on with the teeth facing down and use supports. You will not need to remove the supports from the teeth as it will work with the supports in place. For a better result use the options in your slicer only to print supports on the spike, and not on the teeth.

Required Hardware

2 x LED Light Units

4 x M2 12mm bolts

4 x M2 Hex Nuts

1 x M4 12mm bolt

1 x M4 Hex Nut

Assembly

1 - Insert the M2 Nuts in the top unit, there is a slight gap where each nut can be inserted, it will require a little bit of force to push each nut in.

2 - Attach base unit to top unit with M2 bolt

3 - Insert M4 nut into the spike unit

4 - Screw the M4 bolt through the spike unit until it pulls tight

Other Designs

Check out my other stuff & follow!

<https://www.thingiverse.com/micahjj/designs> **Feedback and Makes**

It really makes a difference and feels great when you leave a comment, like, or collect things to the people who post them, so PLEASE do that for

all people as it builds community. Super important in these Covid Times. Even if you do not post things you are still part of the community (in fact you are the majority of the community), so please like, collect and comment!

Please do this for all stuff you download from everybody!

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

No

Resolution:

200

Infill:

38

Filament: PolyMaker PETG

Category: Outdoor & Garden

Model files

gardenlight-stake-mount.stl

gardenlight-top-standard.stl

gardenlight-stake-1.stl

gardenight-top-compact.stl



gardenlight-g2_v23.step

[Find source .stl files on Thingiverse.com](#)

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