



## Spooky Eye Pixel Box

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### Summary

This box is meant for 4 12mm RGB Pixels, each eye has 2 behind it. The design allows for an optional defusor to be...

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This box is meant for 4 12mm RGB Pixels, each eye has 2 behind it.

The design allows for an optional defusor to be able to block off light for each eye.

The eyes were created from <https://www.thingiverse.com/thing:3155043/files>, special shout out to the author for making these available.

The idea spooky eye box was taken from Spooky Eyes by Boscoyo (<https://boscoyostudio.com/product/spooky-eyes/>) and design was inspired by <https://cults3d.com/en/3d-model/gadget/spooky-eyes>, but I wanted to remix to meet my needs so started from scratch.

The goal of printing was study but least amount of filament as needed

Print Settings for all parts

.3mm layer height  
.44mm line width  
.88mm wall thickness (2 walls)  
.9mm top/bottom layers (3 layers)  
25% infill

I used a touch of hot glue on the bottom to hold the center diffuser in place.

I added a 2nd version of the box, this one has 4 hexagons on the bottom to do 2 things, act as drain holes and reduce print material needed. I plan to use this version when putting in bushes or off the ground.

## **Print Settings**

### **Printer Brand:**

Creality

### **Printer:**

Ender 5

### **Rafts:**

No

### **Supports:**

No

### **Resolution:**

200

### **Infill:**

10

### **Filament:**

Any PLA+/PETG Any Category: 3D Printing

# Model files



**spooky\_eye\_box\_top.stl**

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**spooky\_eye\_05.stl**

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**spooky\_eye\_03.stl**

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**spooky\_eye\_04.stl**

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**spooky\_eye\_02.stl**

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**spooky\_eye\_box\_divider.stl**

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**spooky\_eye\_box\_center\_divider.stl**

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**spooky\_eye\_01.stl**

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**spooky\_eye\_box\_with\_drain\_holes.stl**

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**spooky\_eye\_box.stl**

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

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