

Spinning Light Wand Toy Adaptation

3D PRINTING GUIDE

3D Printing Summary

Metrics	V 1.1	V 1.0
Total Print Time (hr:min)	2:35	6:08
Total Number of Components	2	2
Typical Total Mass (g)	37	62
Typical Number of Print Setups	1	1

3D Printing Settings

This design is intended to be printed with a 0.4 mm nozzle.

Version	Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height (mm)	Notes
V1.1	Base.stl	1	1:52	29	20	N	0.2	Print in the orientation given in the stl file.
V 1.1	Jack_Cover.stl	1	0:43	8	20	N	0.2	Print in the orientation given in the stl file.
V 1.0	Base.stl	1	5:20	53	20	Y	0.2	Support on build plate only.
V 1.0	Base_Bottom_Cover.stl	1	0:48	9	20	Y	0.2	Support on build plate only.

Version	Length (mm)	Width (mm)	Height (mm)
V 1.1	114	114	18
V 1.0	88	76	46

Post-Processing

V1.0: Carefully remove supports from Base and Base Bottom Cover.

V1.1: The Spinning Light Wand Base and Jack Cover are printed without supports; hence no post-processing is required.

Customization Options

The user can request which version of the 3D printed base they would like (V1.0 or V1.1). The user can also request that the device be printed in multiple colours.

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Examples of Quality Prints

Below is a picture of what quality is expected from printing these devices.

Version 1.1



Version 1.0

