# 3D Printing Summary

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| --- | --- | --- |
| **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.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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. |

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| --- | --- | --- | --- |
| **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.

# Examples of Quality Prints

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

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| **Version 1.1** | **Version 1.0** |
|  | A picture containing text  Description automatically generated |