in the labs with **Beki**

Beki

FREE Project
Wall Light

Vectric
PASSIONATE ABOUT CNC

Items you will need:

Circle Light.crv File (V9)

In the Labs with Beki – Wall Light Video

61" x 20" x 0.47" Sheet Material (Plywood in the project example)

0.25" Compression End Mill (Up and Down Cutter)

0.187" T-Slot/Keyhole Cutter

Wood Glue

Clamps

Screws for hanging

Battery Powered LED Strip

Lighting (with remote control)

Finishing Materials eg sander, sandpaper saw to cut tabs.

For Use with:
Aspire / VCarve / Cut2D V9

Disclaimer:
If you plan to cut this project please ensure that you recalculate all toolpaths using settings that are safe and appropriate for your machine, the tools you have and the material you are using.

This month is all about one of my favourite things… lights! This light is simplistic, minimal and fun and would look good just about anywhere!

The Circle Light file contains the vectors and toolpaths needed to cut the part as described in the video – please refer to the video before cutting this yourself. When cutting your own version of this design ensure that you measure up the battery pack you are using along with the wire and the LED strip to ensure that the final cut-out part will cater for your electronics.

For accurate fit, I would recommend that you run a test piece for the battery pack and the wire track to ensure that you have a good fit (making edits where necessary – ie. Overcutting by using a negative allowances and length adjustments to the wire track) Once you have cut all the parts, it's time to assemble the parts:

1. Line up and glue together the bottom layer with the middle layer, use clamps for extra hold down and leave to dry according to the glue instructions. Once the glue is dry fit the battery pack and wire into their relevant spaces and stick the LED strip around the middle layer. It's probably best to check that the electronics work at this point. Once your electronics are in place then line up and glue together the top layer to the middle layer, again use clamps for extra hold down. Then simply hang to the wall!

I hope you enjoy this project!
Happy Making,

Beki