Female Connector

LED 0 is the one closest to the female connector

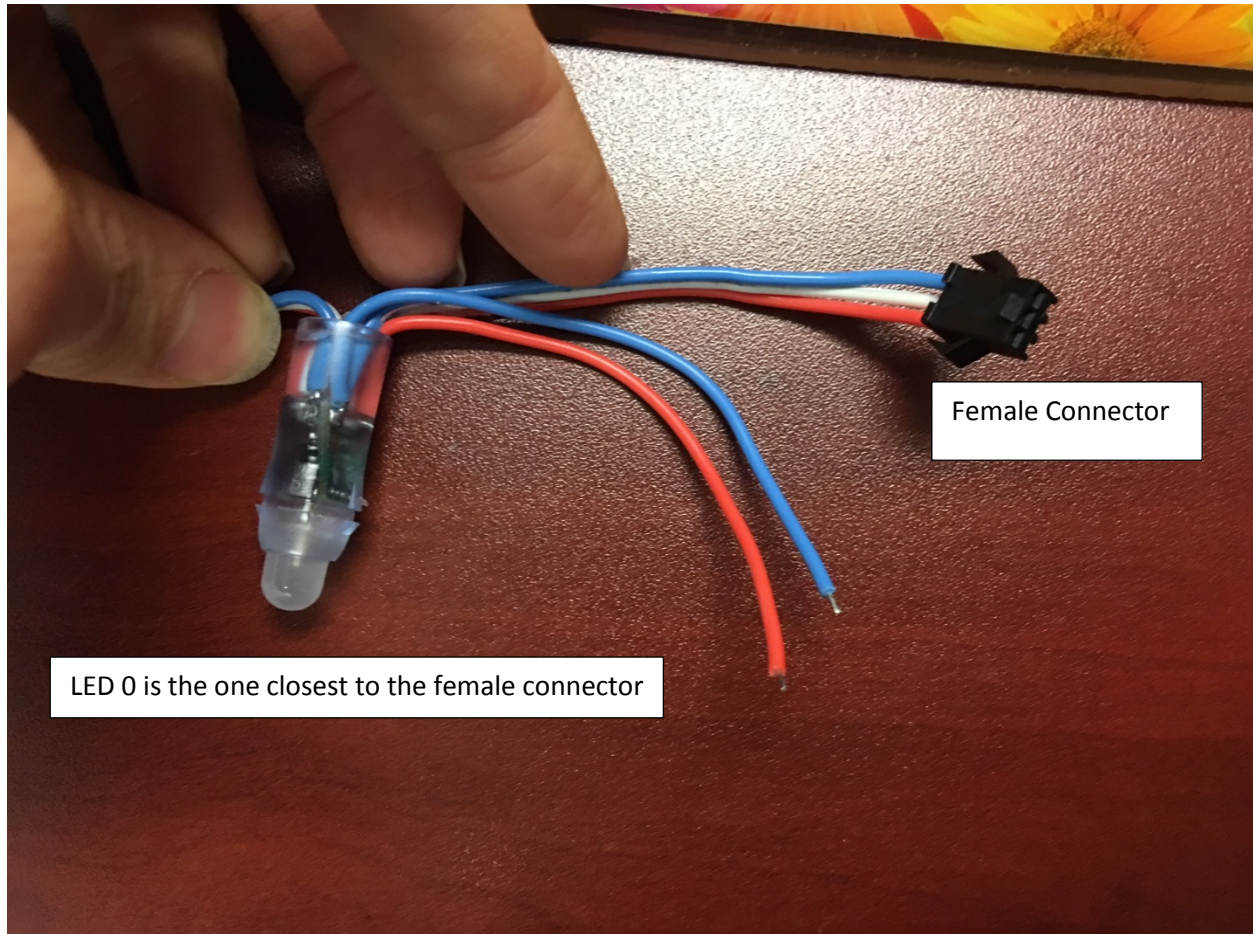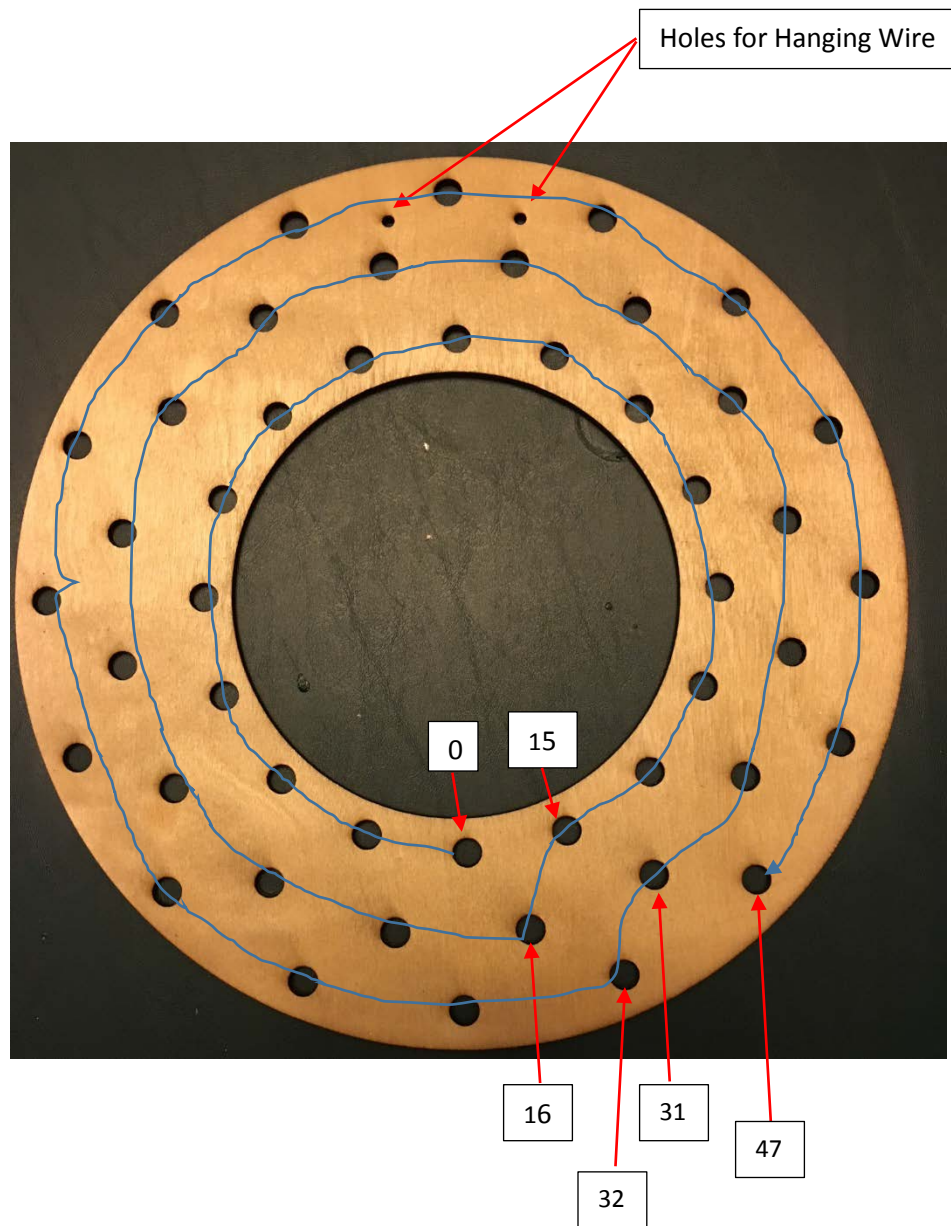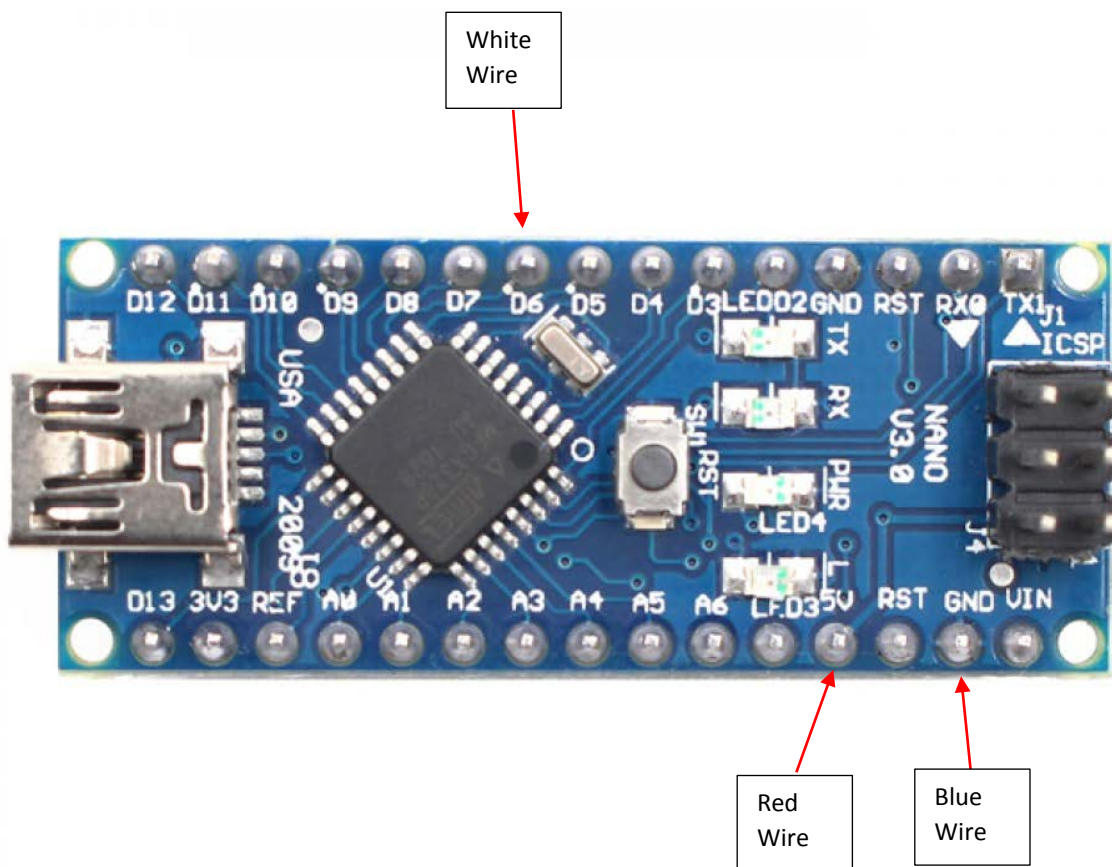Holes for Hanging Wire

0

15

16

31

32

47

Backside View Shown – Insert the LED's starting with #0 up to #47

- Cut off the female connector
- Strip and solder the 3 wires that went to the female connector to the Arduino Nano as follows:
  - Red – 5V
  - Blue – GND
  - White – D6
- Use the AC adaptor barrel adaptor and connect the wires as follows:
  - Red wire to + screw
  - Blue wire to – screw
- Cap off the two flying wires on the far end (end with male connector still on it) of the LED strand with heat shrink as they are not used.
- Glue the male connector at the far end to the backside of the wreath as it is not used.

White Wire

Red Wire

Blue Wire

Suggestions:

- Put a label next to the barrel connector that says "5VDC Center + Only"
- Put a label on the AC adaptor that says it's for the wreath