

Lamp steps

- Use weight to balance the lamp, I used clay and a weighted plate from a past Vex Challenge.
- Drill hole in base using a 3/16" drill bit so that you can increase the size of the holes to attach the weighted plate to the base.
- Once weight is added you can start the lamp with a 2x 90 degrees electric conduit elbow adding elbows where necessary depending on how big you want the lamp to be
- Then once the pipes were in place, I threaded a string through the lamp so that I could get the wires to my Leds threaded to the bottom without having to work around the curves of the lamp.
- After that you want to drill a hole big enough for the wire connector to go through and power the lights.
- After that is done, you are going to add the weighted base just so the lamp is a little more stable, and in my case will balance.
- Now that the lamp is done you can play with the features such as: a strobe light, a pulsing light, and a flickering light.

Materials used:

- Modeling clay, the density of the clay allowed me to fit the most possible weight in as small of a spot as I could.

- Led lights, the Led lights used are Aiboo EN wall lights. The reason I used these lights was that they had a remote so that you can customize the brightness of the light just by pushing a button on the remote, the lights can also change modes by using the small battery powered remote. The remote uses a CR2025 3V battery.

- Link to video-

<https://www.youtube.com/watch?v=REGpGR8dfVQ>







