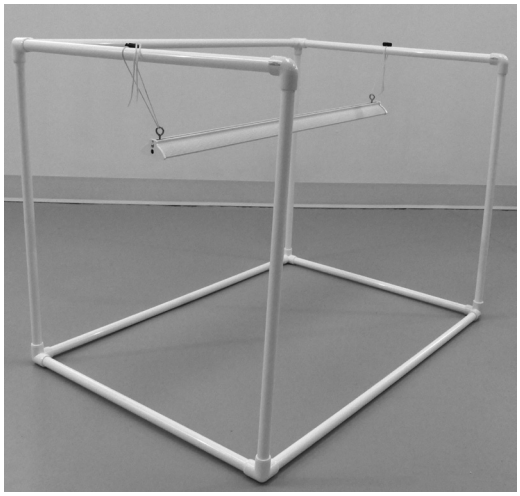
A Super-Easy DIY Frame for Your Procyon Light



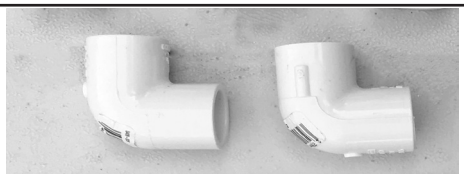
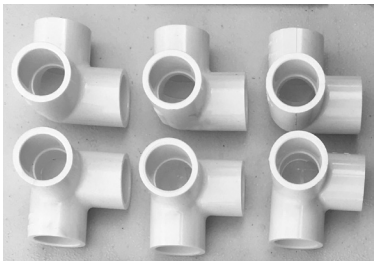
Finished Dimensions

17” light: *2’ (w) x 2’ (l) x 2’ (h)*
33” light: *3’ (w) x 2’ (l) x 2’ (h)*

Building this frame is very easy and has several advantages: it is affordable, portable, and collapsible.

The frame is made with 1/2” PVC pipe and fittings. This project should cost you no more than $25. Depending on which light you will build the frame for, you will need between 22 and 25 linear feet of PVC pipe that will need to be cut into sections. Some stores will cut the PVC pipes for you but you can easily do this by using either a pipe cutter, handsaw, or a miter saw.

Materials Needed

Pieces for either the 17” or 33” frame		Amount Needed per frame
90-degree-elbow fittings, 1/2”		2
Side-outlet elbow fittings, 1/2”		6

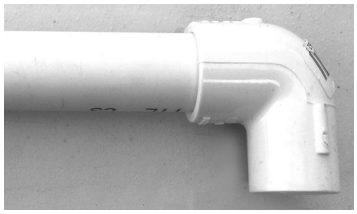
Materials - 17”-light (Cut to length or purchase precut)	• eleven 2’ sections, 1/2” PVC pipe
Materials - 33”-light (Cut to length or purchase precut)	• eight 2’ sections, 1/2” PVC pipe • three 3’ sections, 1/2” PVC pipe

Assembling the Frame

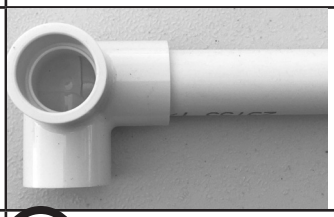
In this set of instructions, we are building a frame for a 33” light.

We’re putting the side frames together first because they are the same for either the 17” or 33” light.

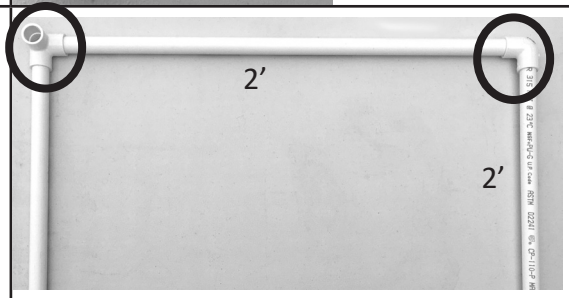
1. Begin with the first side: Put together one elbow piece and a 2’ section



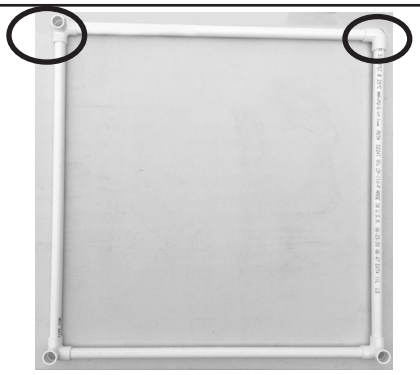
2. Next, attach a side-outlet elbow piece to the other end of (same 2’ section) with one of the two openings facing up



3. Next, attach one 2’ section to each of the open elbow pieces while the construction is laying on a flat surface, so that both new 2’ sections are parallel to each other



4. On the other end of each newly attached 2’ section, attach the remaining side-outlet elbow fittings, pointing up (as the frame lays flat on the table)
5. Attach the last 2’ section to each corner
6. You now have a 2’ by 2’ square with three 90-degree elbow fittings pointing up
7. Repeat steps 1 - 6 for the other side
8. You know have the two side frames assembled

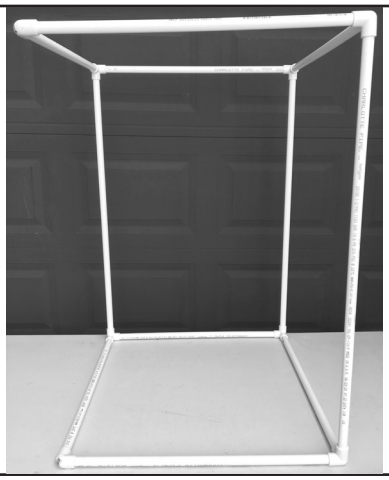


9. Attach the remaining 3’ (for 33” light) or 2’ (for 17” light) sections to the side-outlet elbow fittings that are pointing up (as one of the side frame lays flat on the table)

NOTE: this step requires three 3’ or three 2’ sections which make up the center of the frame

10. Attach the second side frame to the top of the open 3’ sections, mirroring the other side, aligning the opening of the elbow fittings are across from each other (see below)

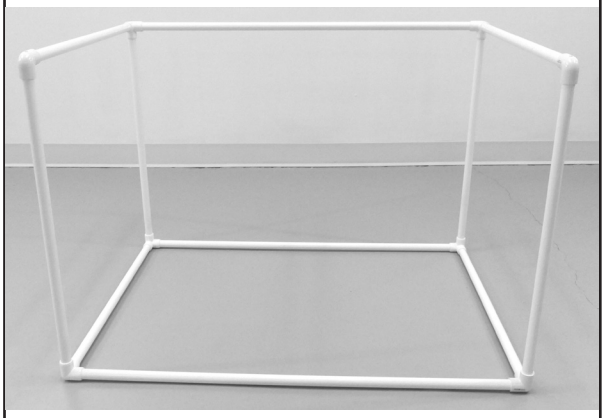
Partially finished frame,above



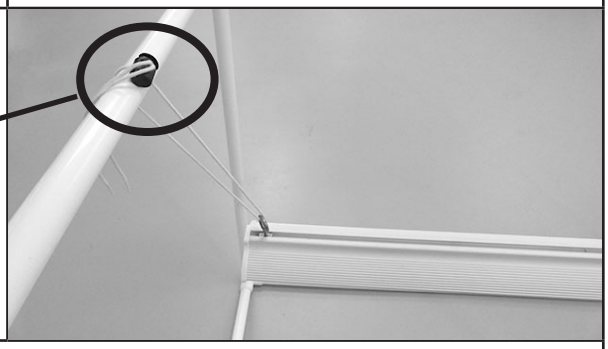
Finished frame on its side, above

11. Once both side pieces are attached, be sure to push them together tightly

12. Rotate the assembly – you now have a frame that is 3’ wide and 2’ tall (for 33” light) or 2’ x 2’ (for 17” light)



13. To hang the light, we use a string and spring cord clip on each side of the light which is adjustable



Put the frame on your table or work surface - Your frame is ready to go for you to hang up your light!

PLEASE NOTE:

- For easy storage, all pieces can easily be disassembled and reassembled at any time
- Different hardware stores offer different PVC pipe lengths. Some may offer to cut them to size for you while others offer sections in either 2’, 5’, or 10’ each. The most economical solution would likely be to buy them in 10’ sections and then cut them to size using your own tools.
- The PVC pipe and elbow pieces we use are typically available in the plumbing department. These are considered “Schedule 40” and will have writing on it. [Furniture grade PVC, that is clean PVC pipes with no writing, are typically not available at hardware stores.]