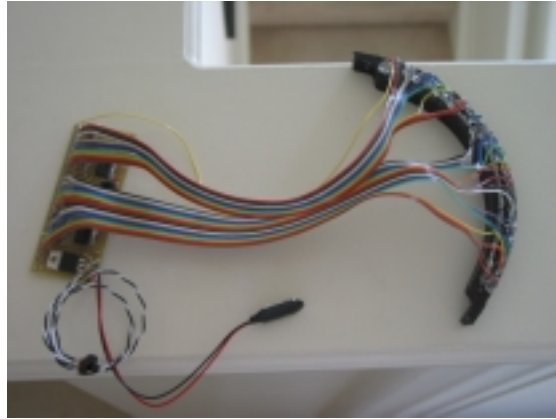


**Cylon Eye Light Board – 32 LED version**  
**Hyperdyne Labs, © 2003-2004**  
<http://www.hyperdynelabs.com>

The cylon light board has the wig-wag eye light circuit.

Here is a pic of the board with the LEDs installed in an optional eye holder.



The circuit will run off a 9V battery or a 6AA batt pack. The wig wag sequence lights 3 LEDs across the LED array at a speed that was taken from some of the BSG cylon scenes.

**Install**

The board was made to fit up into the mohawk area. You can hot glue the board inside this mohawk area and run the LED cable down to the visor.

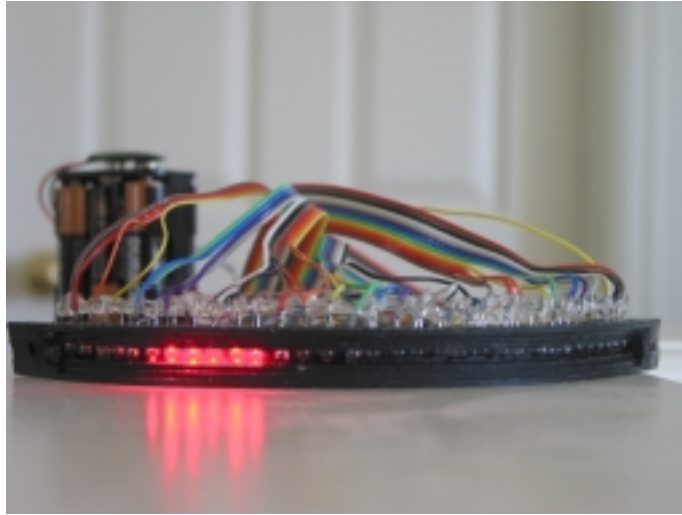
The 32 LED array can fit inside a custom assembly if you have one. The shown LED holder piece below was replicated from an original cylon eye circuit mounting, but this piece is **NOT** included with the kit. If you would like a holder piece, you can easily create one using styrene sheet or other material.



The LEDs were mounted into this original holder and then soldered together. Then the LED assembly was removed from the holder and glued so it retains the same shape and spacing for the LEDs. You can make your own LED holder or simply glue the LED assembly right to the visor area if you like.

In the original helmets, the actors looked out of small peepholes drilled above the visor area. Your mounting procedure and look through area will depend on the install location of the LED array. Since the ribbon cable will most likely drape down from the mohawk area to the visor, you may want to leave some space or drill custom peep holes in the helmet.

The unit has an on/off switch run off some wire, so you can mount this to an easy to reach place. Here is a picture of the LED circuit activated:



You can see that the LEDs do not point directly out of the visor piece, but instead point down. Thus you see the side angle of the LED. This gives an accurate sweeping effect very similar to the bulbs that were used in the original circuits.

You can also use some red theater gel over the LEDs to disperse more of the light. This way you don't see the individual LEDs and gives a more blurred effect.

If you don't use any theater gel or mount the LEDs inside a custom holder, then your install will look something similar to the below pic.



**NOTE:** Handle your board as you would any piece of delicate electronics! Do not get it wet and do not handle it without grounding yourself first! Even a static shock can destroy the delicate components on the board. I suggest when installing the board, insulate it with non-static foam, hot glue, or other material. Even sweat can short out the board if improperly insulated. Handle the board around its edges when moving it. We are not responsible for boards that are rendered useless by improper handling.

**NOTICE:** There is no warranty on kits!! It is your responsibility to install the board. Kits cannot be returned! This kit can consume a lot of current. Be careful if you plan to use a battery source that is capable of delivering a lot of current. Contact a professional if you need assistance. Hyperdyne Labs assumes no responsibility for the misuse of this kit.