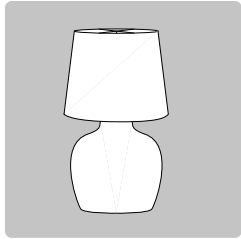
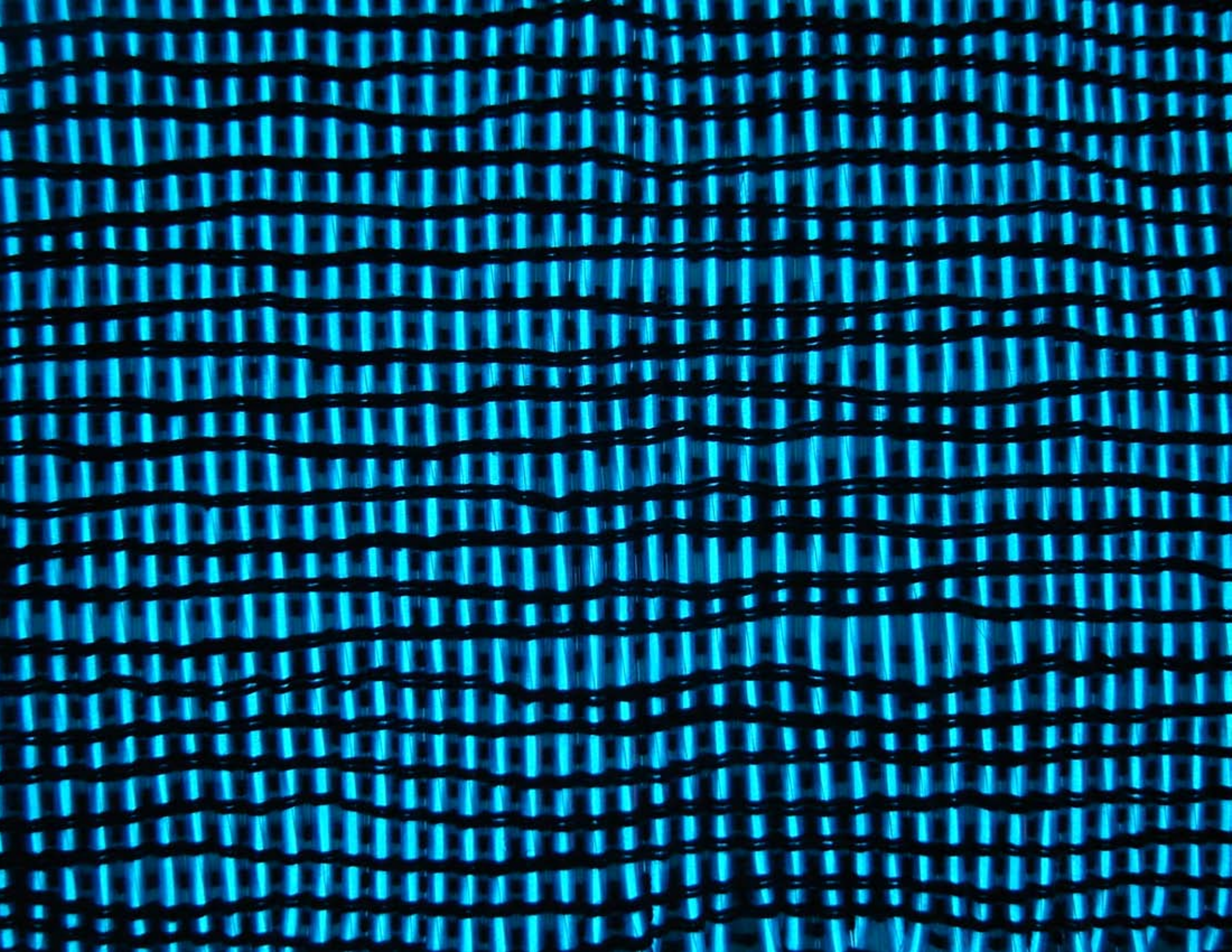


Elweave: **Ambiance for the Home**



The Problem: Today, ambient lights are bland and feel more at home in a lavatory or hospital than in your dwelling. Nightlights, glowing orbs, fluorescences under paper - Lights in the home have become sterile. For much of our past candles were the only form of light we had. Flickering mysteriously and warming us at the same time.

The Solution: Elweave is a new, warmer way to light the home. It's a woven light source that creates a comforting mood that has just enough light to allow you to get around at night. It is designed as a textile that can be used for many products. The woven surface is pleasing because it feels natural to be around. This is because our ancestors learned to weave fibers creating textiles for warmth, even before the invention of pottery.



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PRODUCTION

Working with a textile designer, I wove the blue swatch and the belt on a traditional loom normally used for creating fabric. This is a tedious and difficult process that hasn't changed for thousands of years.



I wove fishing line in between the electro-luminescent wire in order to make it look like there was more ambient light without using more of the glowing wire. This dropped its price point.



By using a manufacturing method that is ancient I was able to produce a old world feeling product that uses new technology.



The driver unit connects the battery to the Elwire without shorting it.

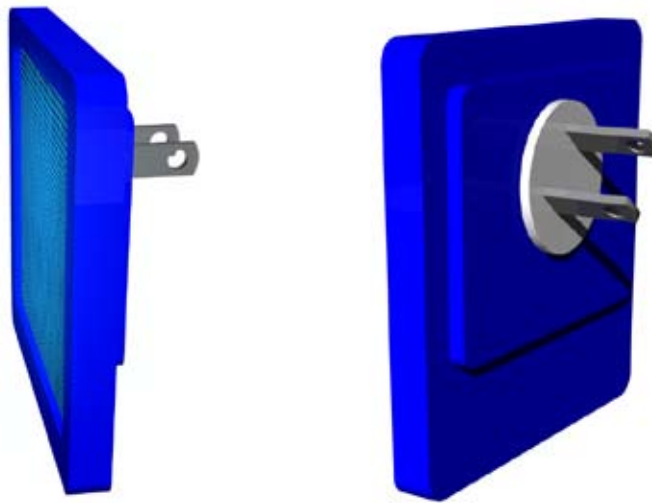


Soldering the parts was done in the way that standard electronics are connected.

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USES

These are some of the products that the Elweave textile could be used as.



Elweave: **Ambiance for the Home**



Using Elweave for patio placemats gives more ambient light.



Elweave would work great as a pocket insert for purses or bags. It would make finding your keys easy at night. Because of its low frequency, the light has a strobe effect when moving.



It lights up a liquor selection with a glowing Elweave mat under the bottles.



This Elweave welcome mat makes your home more inviting. The ambient lighting lights up the lock/keyhole when the porch light isn't on.