

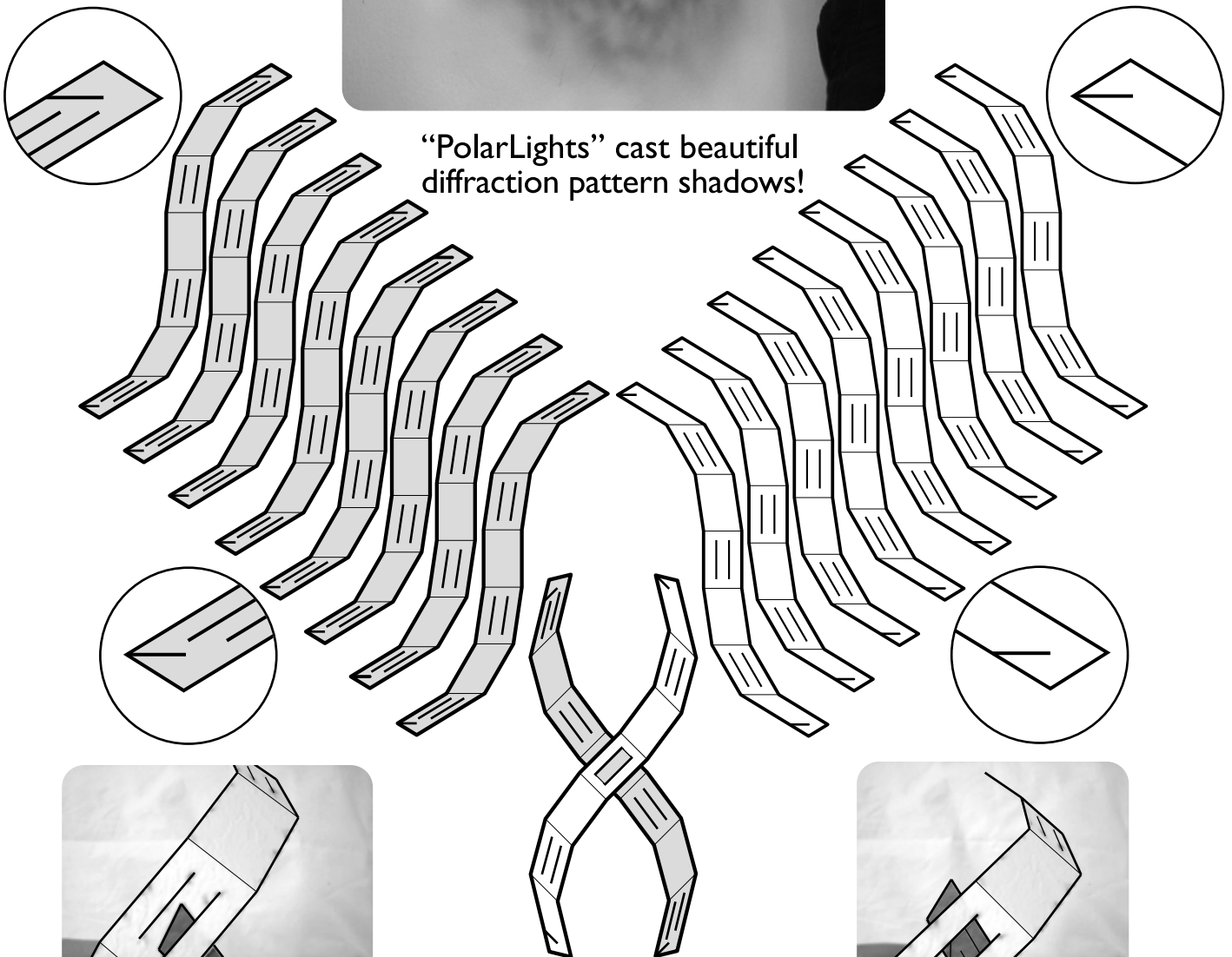
PolarLights

Polar Zonohedra Weavings by Chris K. Palmer

Your kit will have 5,6,7,8,9 or 10 times two “S” strips with two colors and two types of pieces as shown (an 8-fold kit is shown in the diagrams below). Arrange the pieces as shown being very careful to keep the different tips in the right position.

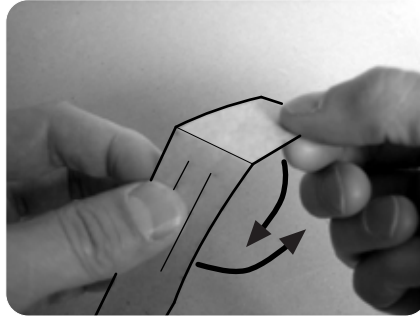
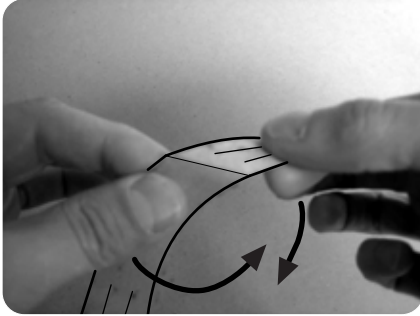


Polar Zonohedra come in any number and depending on the initial size of the rhombs around the central belt can be either tall and skinny or short and squat like a disk. Not included in this collection are those types such as a cube that have an antiprism around the belt.

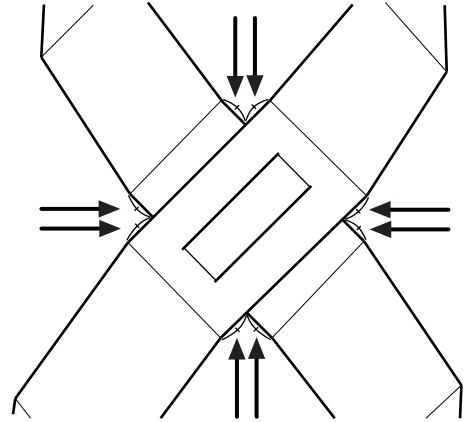


“PolarLights” cast beautiful diffraction pattern shadows!

Make 8 (or 5,6,7,9,10) crosses as shown. Always weave the tip under the edge of the face with slits for a stronger construction.



Gently pull two adjacent faces towards each other as indicated by the arrows above to form the fold along the pre-scored line. The small scorch marks should be facing up so that the scored folds are on the inside of the model.

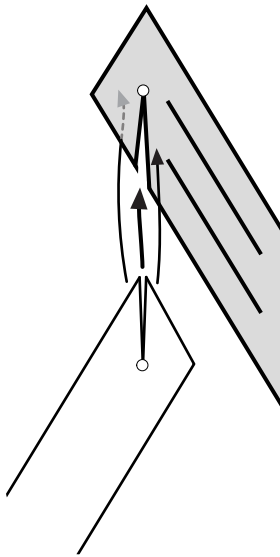


Try to keep the eight lengths indicated above equal to keep the woven faces centered over each other as you weave.

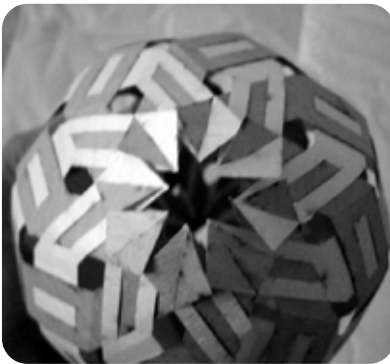
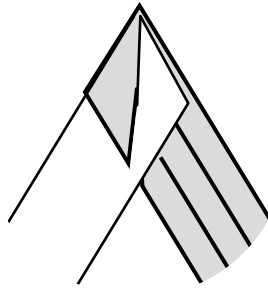


Oh No!!! One of the "X's" (the dark one on the left above) was turned around and I will have to take apart many pieces to get it out turn it upside down and put it back in the right position.

Now all the tips are correctly alternating.



Bend the slit on the left with the slit pointing up down slightly then up into the slit on the right. The white dots in the diagram will come together when the two ends are in place. This seals the top much more securely but it is an optional finish.



Finished!



