Thinking Dreams

FREEBIE
DIY Miniature Origami Lamp

✂ — — — cut out
� .... mountain fold
◢ ———— valley fold

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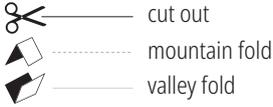
1. Print this pdf at full scale and cut out the lamp in the size you wish or transfer the markings to another paper of your choice.

2. Trace the markings for the folds with a burnishing bone, the blunt edge of a knife or similar to make folding more accurate.

3. With the markings facing upward (this will be the inside later), fold the dotted horizontal lines outward into a mountain fold.

4. Also with the markings facing upward, fold the diagonal lines inward into a valley fold. First fold all diagonal lines in one direction and then all the ones going into the other direction.

5. Adjust all folds to the folding pattern of the origami lamp shown in the picture.

6. Glue the first and last "flap" of the folded paper on top of each other so that the strip of paper now forms a circle. Make sure the side of the paper with the markings faces inwards.

7. With the help of a needle, toothpick or similar, glue together the top triangular folds (marked orange and pink in the drawing below). As you come around toward the last of the folds, place your led or other "hanger" inside the lamp, before closing it up completely.

paper: 81 x 20 mm

folded mini-lamp: about 13mm tall

in reality:
1/18 scale: about 24 cm/9,4 inches
1/12 scale: about 16cm/6,3 inches

13 mm

paper: 101 x 25 mm

folded mini-lamp: about 17mm tall

in reality:
1/18 scale: about 31 cm/12,2 inches
1/12 scale: about 21cm/8,3 inches

17 mm

paper: 122 x 30 mm

folded mini-lamp: about 20mm tall

in reality:
1/18 scale: about 36 cm/14,2 inches
1/12 scale: about 24cm/9,4 inches

20 mm