



Capstone | Breathe
Shirley Lyu | 23 Spring

Have you ever noticed the breaths of a flower,
mushroom, or forest?

What if we could extend our observations over a longer period of time, such as a day, a month, or even a season?

The Breath of the Nature



Bring the breathing nature inside

The light will be a live thing that can
feel and react to nature's changing

Breathing Nature | Key Features

Quiet

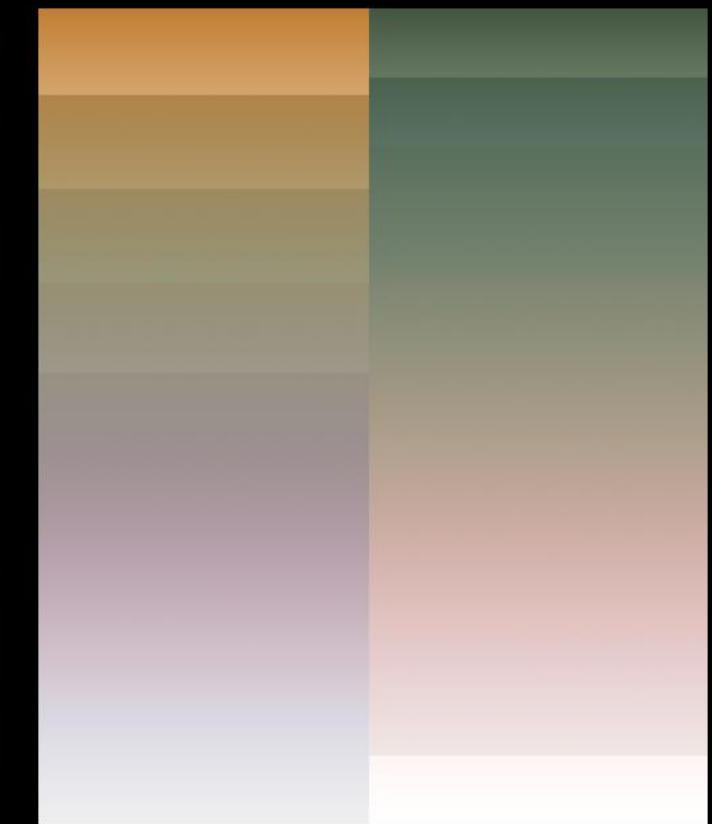
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Time-aware

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Responsive

Nature's Tone Change with Time



Nature's Subtle Form Change with Time



Responding Element

- Time and Temperature



Light Changing | Time Trigger



Morning

Light Changing | Time Trigger



Noon

Light Changing | Time Trigger



Twilight

Light Changing | Time Trigger



Night

Light Changing | Temperature Trigger



Winter

Light Changing | Temperature Trigger



Winter

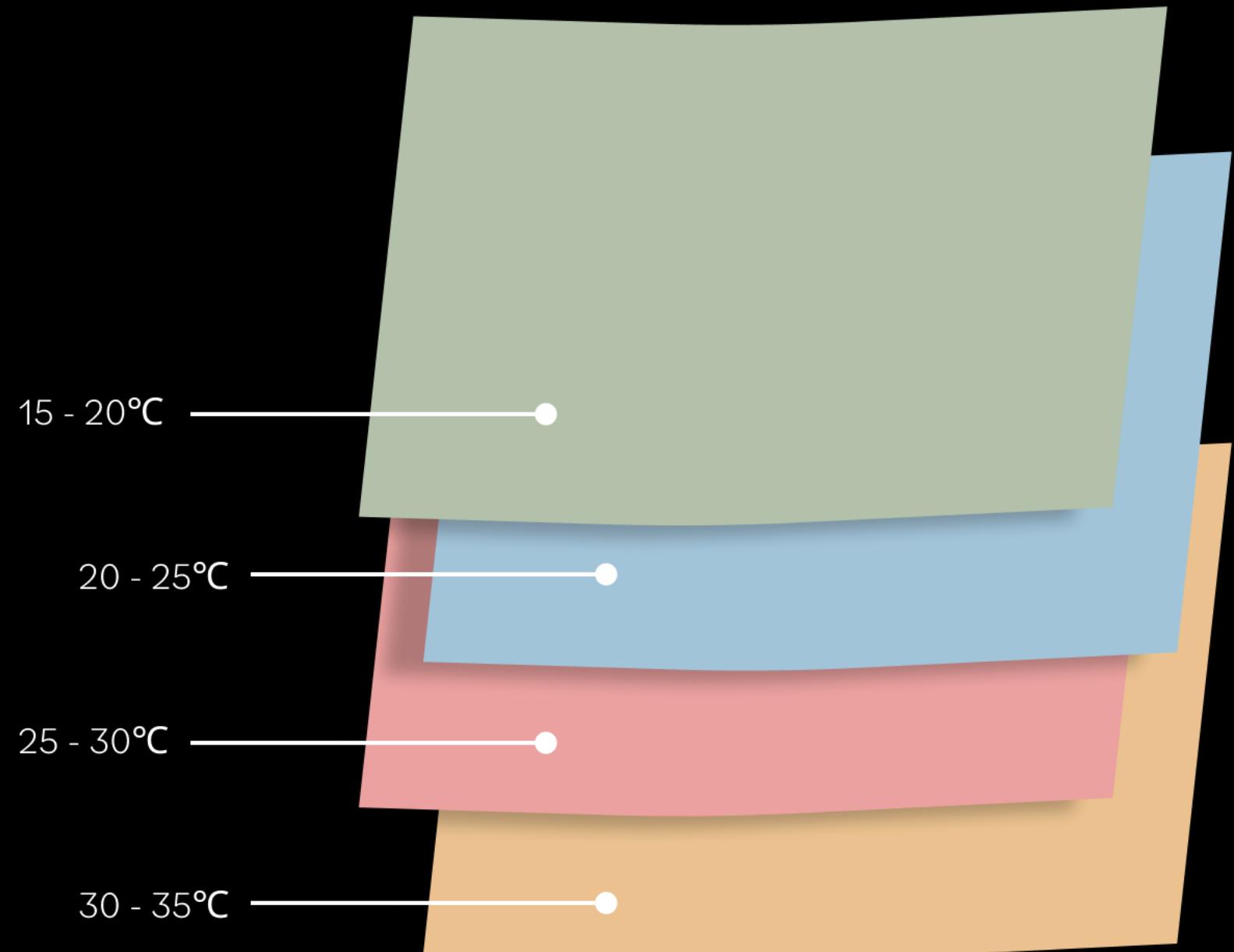
Technology | CMF Experiment



Tone Change | Experiment

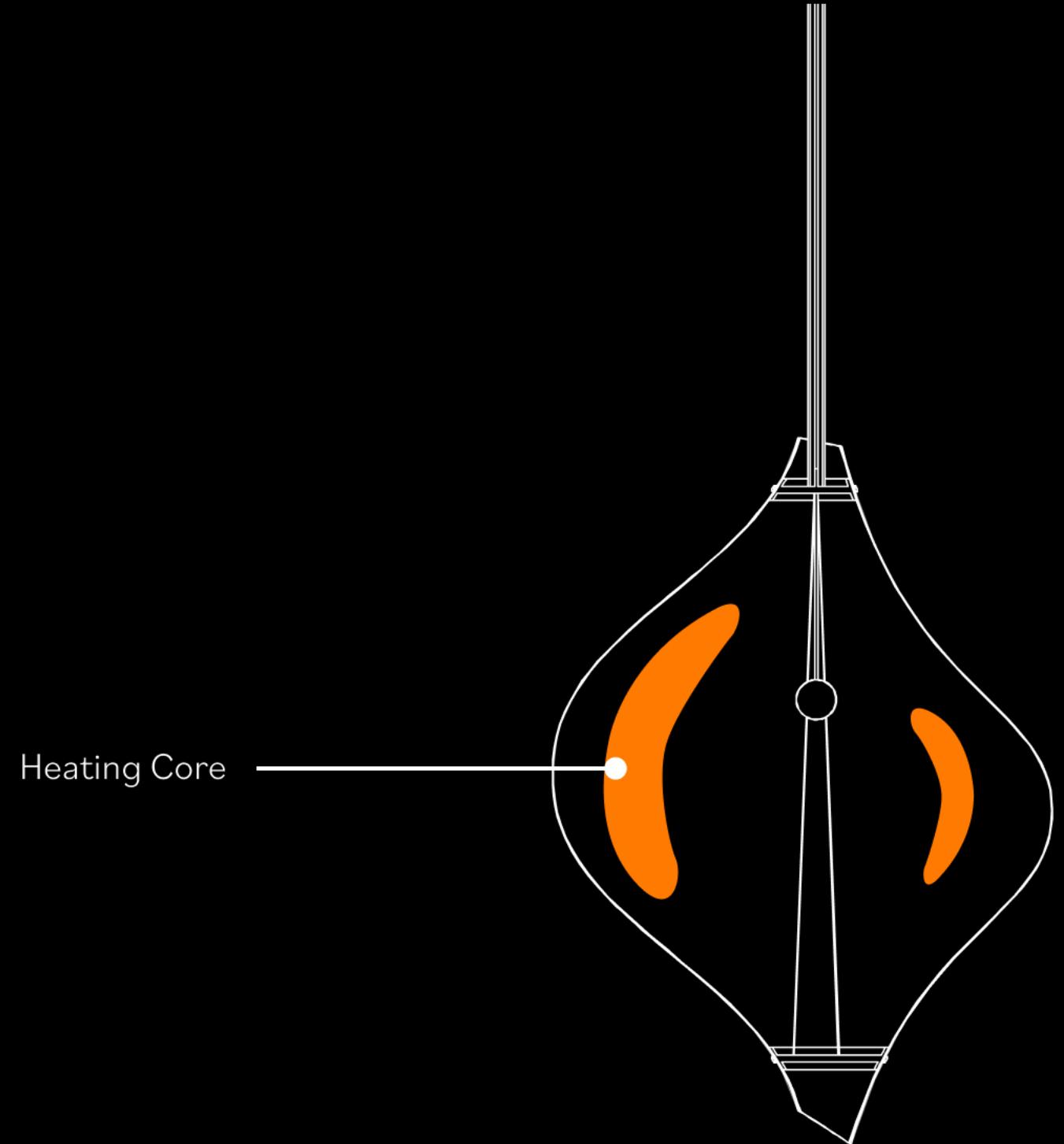


Color Changing | Thermochromic Material



Different colors that are visible under different temperatures are layered onto the cover material.

Color Changing | Thermochromic Material

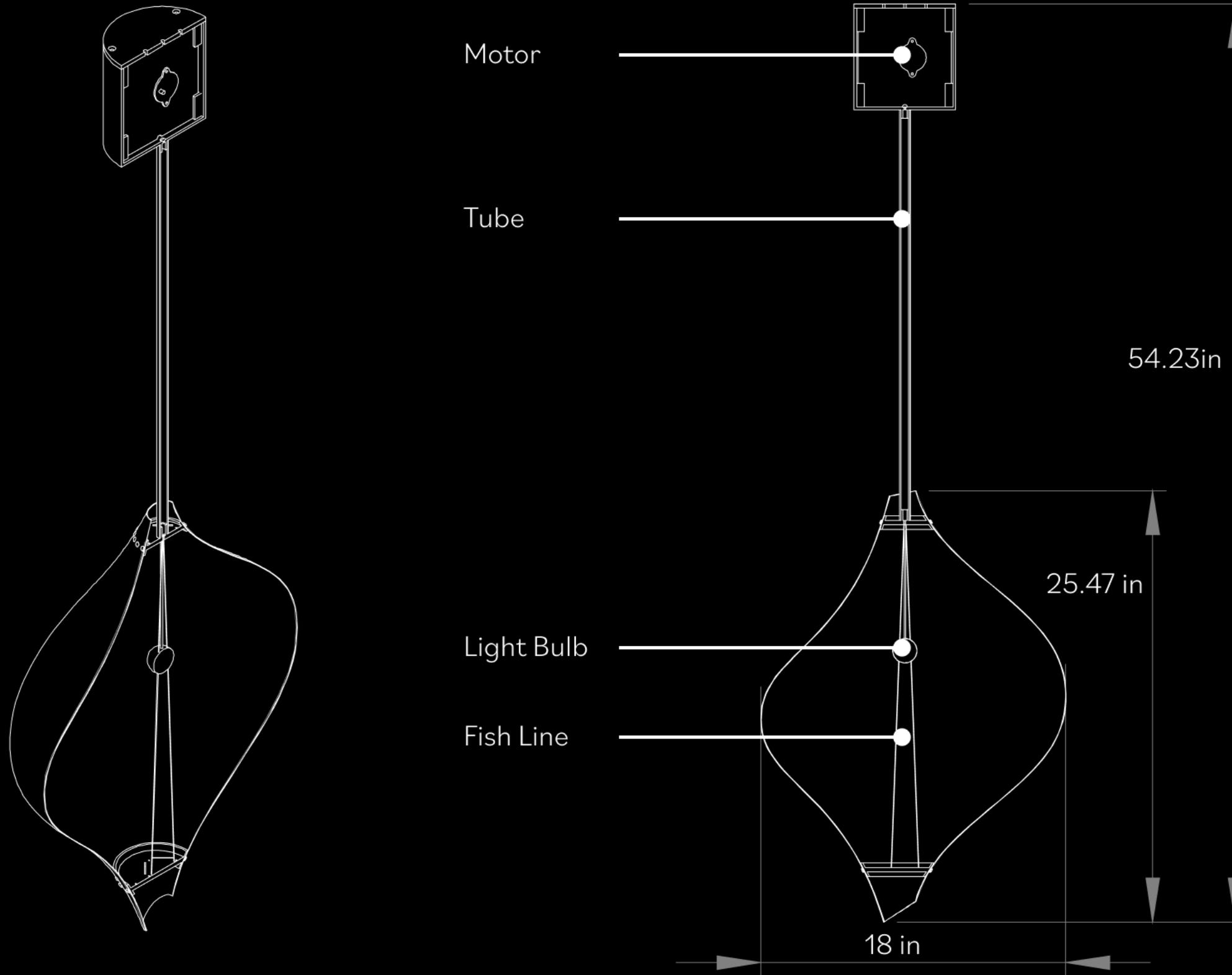


Shape Changing | Motor



Breathe

Shape Changing | Motor



Using Environment | Living room and kitchen



Design Detail | Prototype



Different Shapes | Prototype



Thank You!

