

embers

INDL 2010 - battery powered lamp project
jackie cunningham
fall 2023



ASHLEY

42, Burlington, VT

MINDSET

Open-minded, holistic, proactive. Is actively looking for ways to improve her health.

STYLE

Modern, minimalistic, and functional. Enjoys home decor from stores like Crate and Barrel.

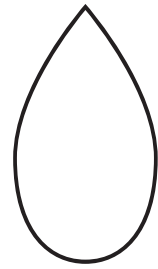
HOBBIES

Reading, spending time outdoors, spending time with loved ones.

PRODUCT NEEDS

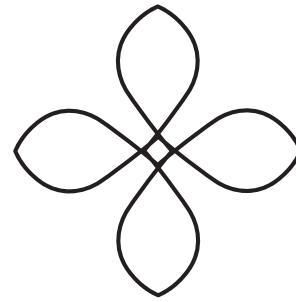
Searching for mental hygiene solutions and other ways to better herself, while still matching the aesthetics of her family home. Products should be stylish yet durable.





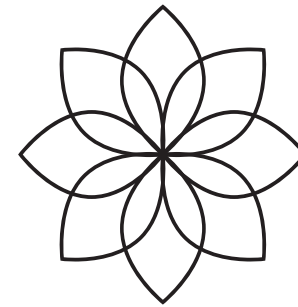
Modern Luxury

Simplistic designs that exemplify quality, durability, along with style.



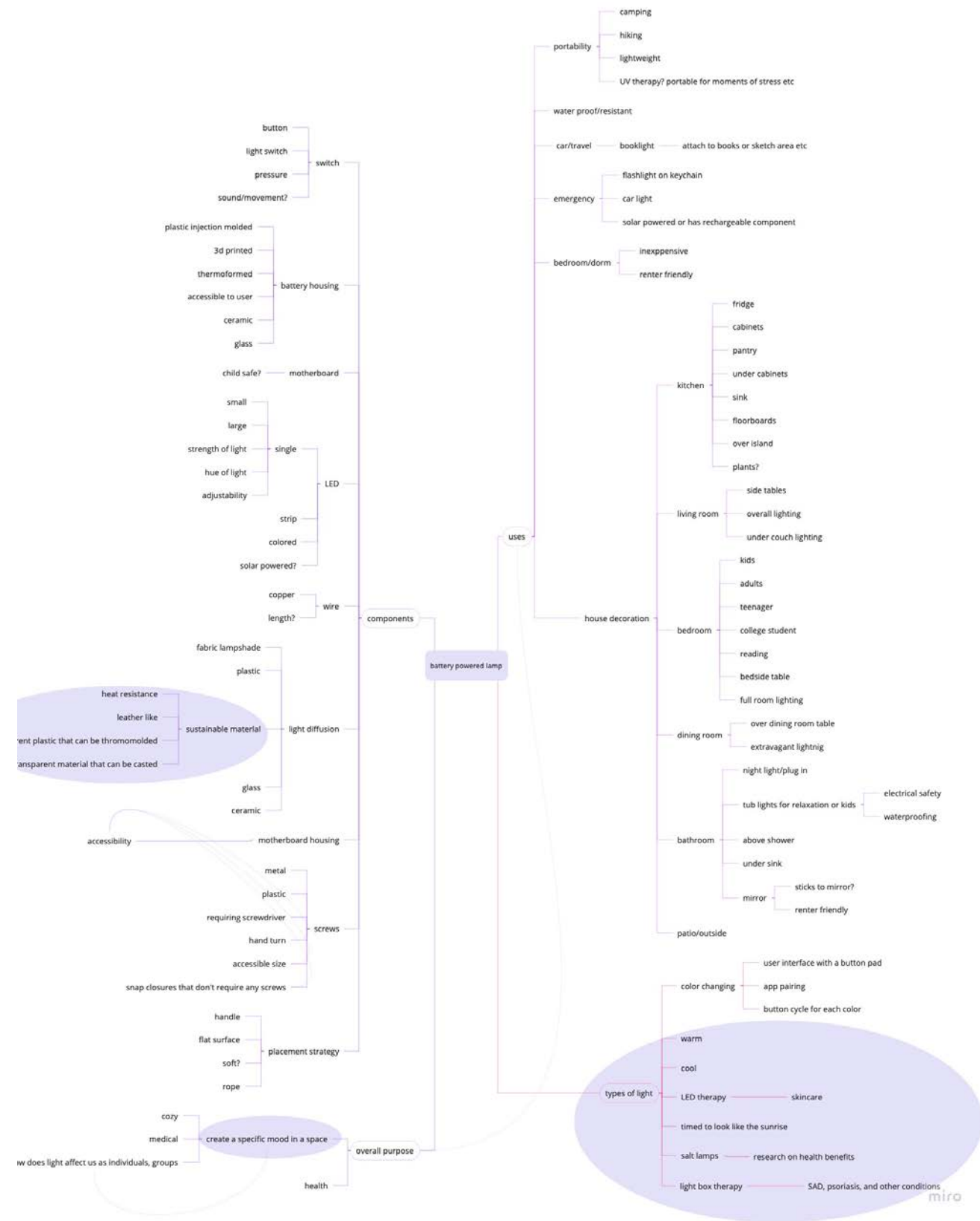
Health and Wellness

Appealing to those who desire to improve their overall health.



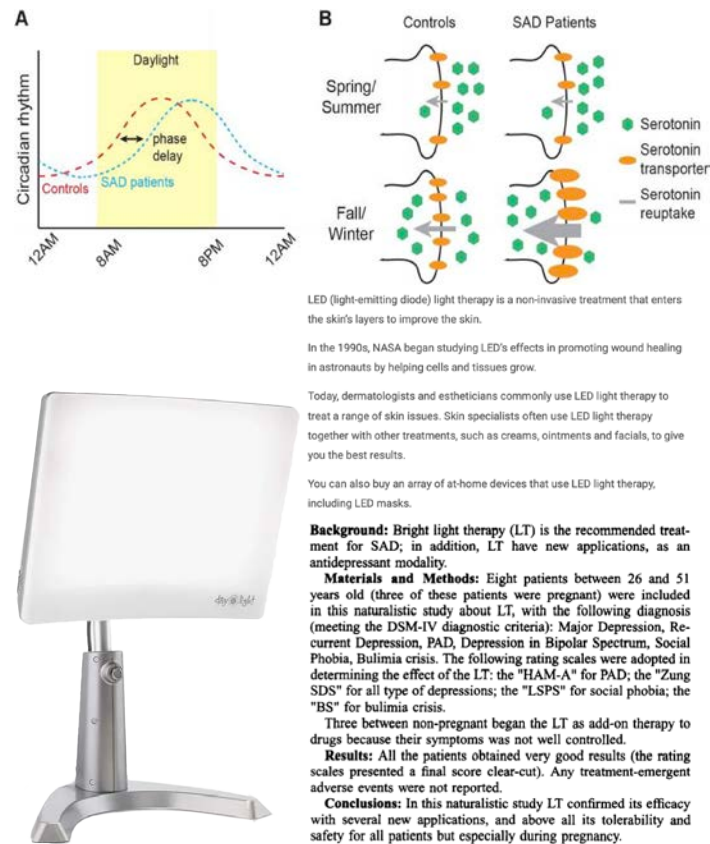
Ritualistic

A catalyst for building a self-care routine that is easy to implement.



Lighting Research

Seasonal Affective Disorder (SAD)



LED Light Therapy for Skincare



Light and How it Effects our Moods

- Natural light has the potential to enhance people's mood, creativity, and cognitive performance.
- Warm lighting can help create a cozy, social atmosphere, while cool lighting can help create an atmosphere for focus and concentration.
- Placing warmer lighting in tabletop and floor lamps and cooler light overhead reflects how light appears in nature.

Warm light sources, with temperatures below 3000K, create a cozy, comfortable atmosphere. They are often used in living rooms, bedrooms, and other spaces where relaxation is the primary focus. Warm light can also make objects appear more vibrant and increase a space's overall sense of warmth.

- Ambient or general lighting
- Accent lighting
- Task lighting



The results showed that color as a strong factor affects many parameters of visual perception, mood, and anxiety. Correlated color temperatures also have some effect on these variables. However, the preference for cool or warm light depends on the color of the environment's indoor surface. In total, it seems that the combination of the white color and warm light or the blue color with cool light has a more favorable effect on visual comfort and people's mood in workplaces.

Sustainable Materials and Diffusers

The most **sustainable lamp materials** are recycled and/or recyclable—such as scrap cardboard, glass waste, plastic bottles, and salvaged wood.

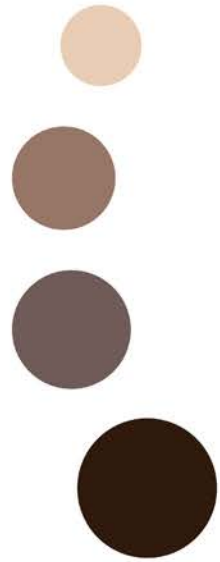
When new natural materials are used (such as bamboo, wood, and shells) they should be responsibly sourced.

Other infinitely recyclable materials include brass, glass, and aluminum.

As for bulbs, **sustainable LED lights** are the way to go to brighten up any space.

With **85% less power consumption** than halogen bulbs, they're energy-efficient (hooray for lower bills!) and long-lasting (15,000–50,000 hours).

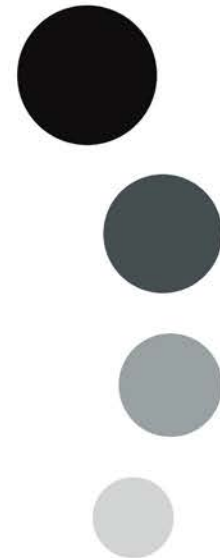


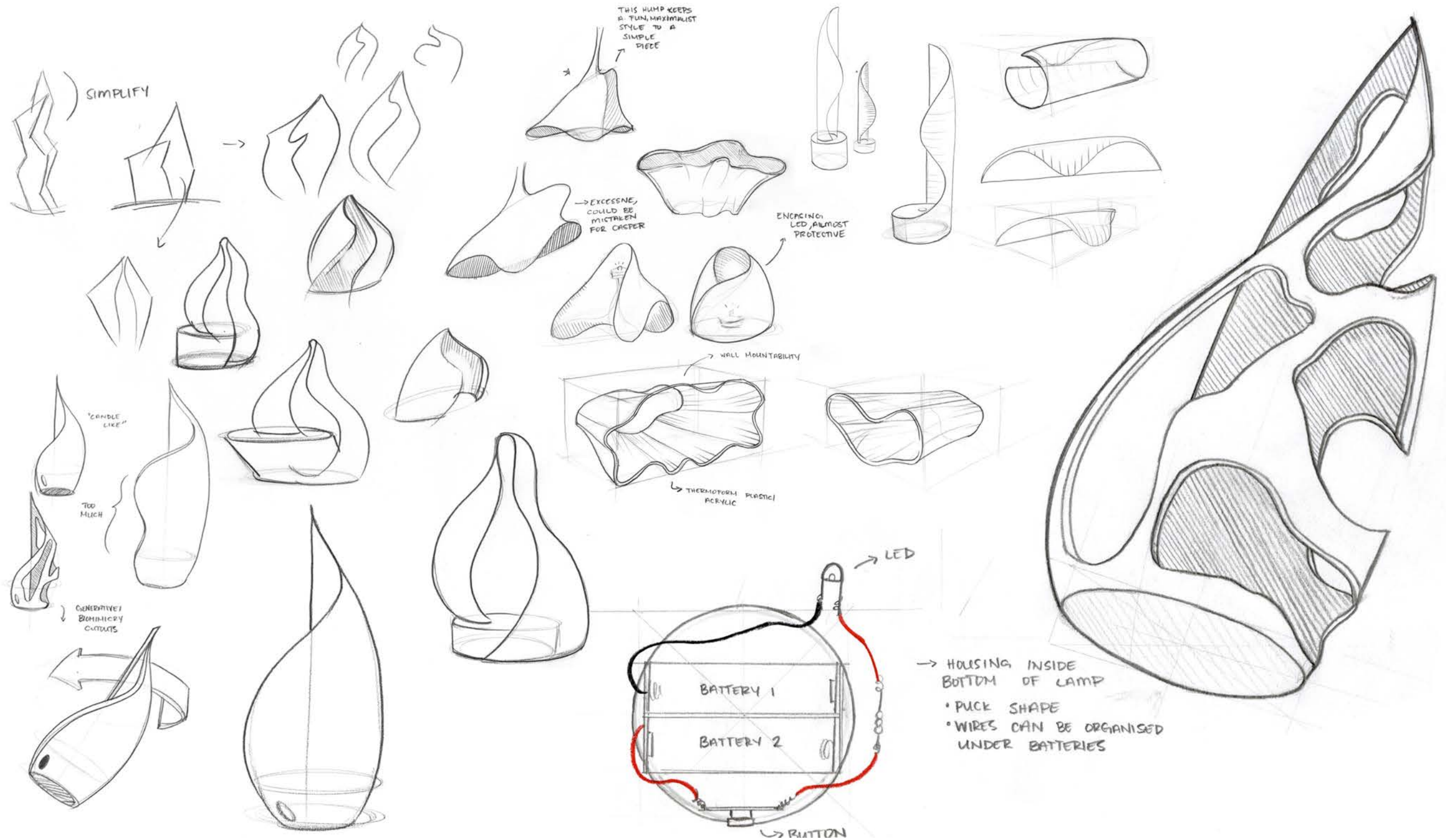


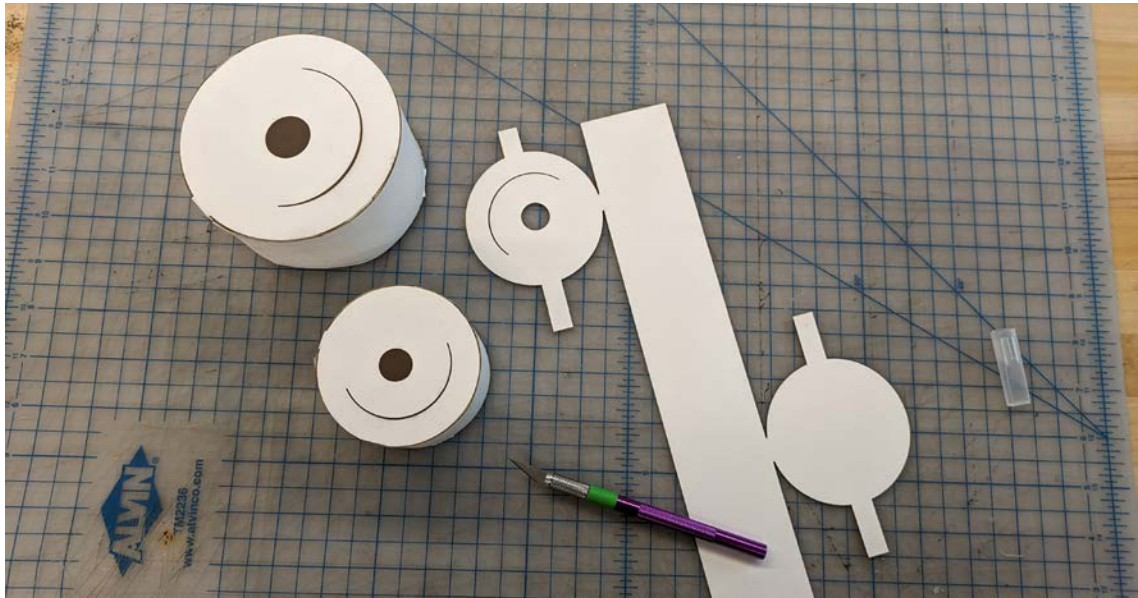
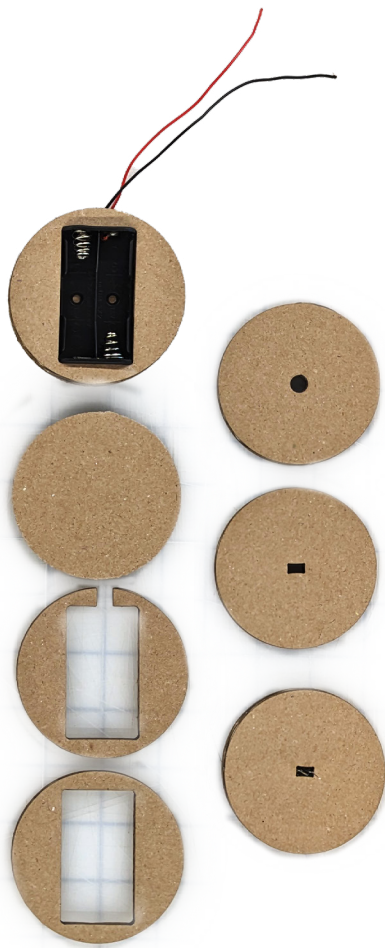
draped acrylic or
thermoforming

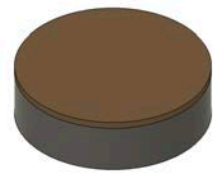


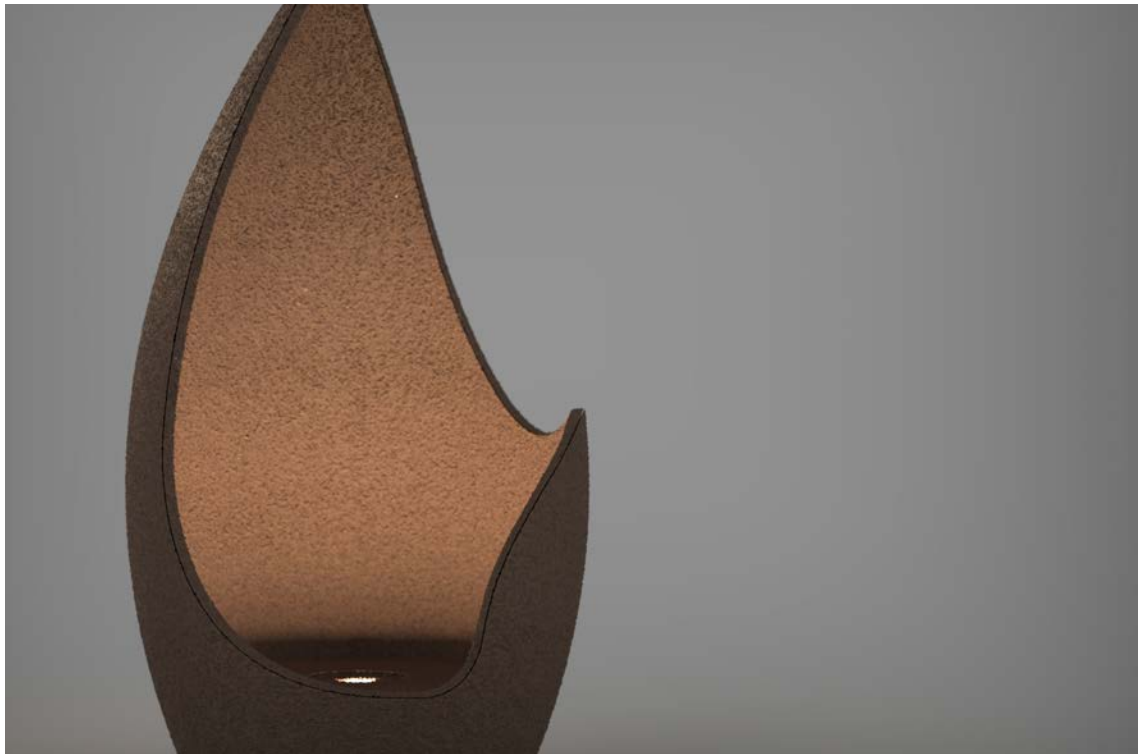
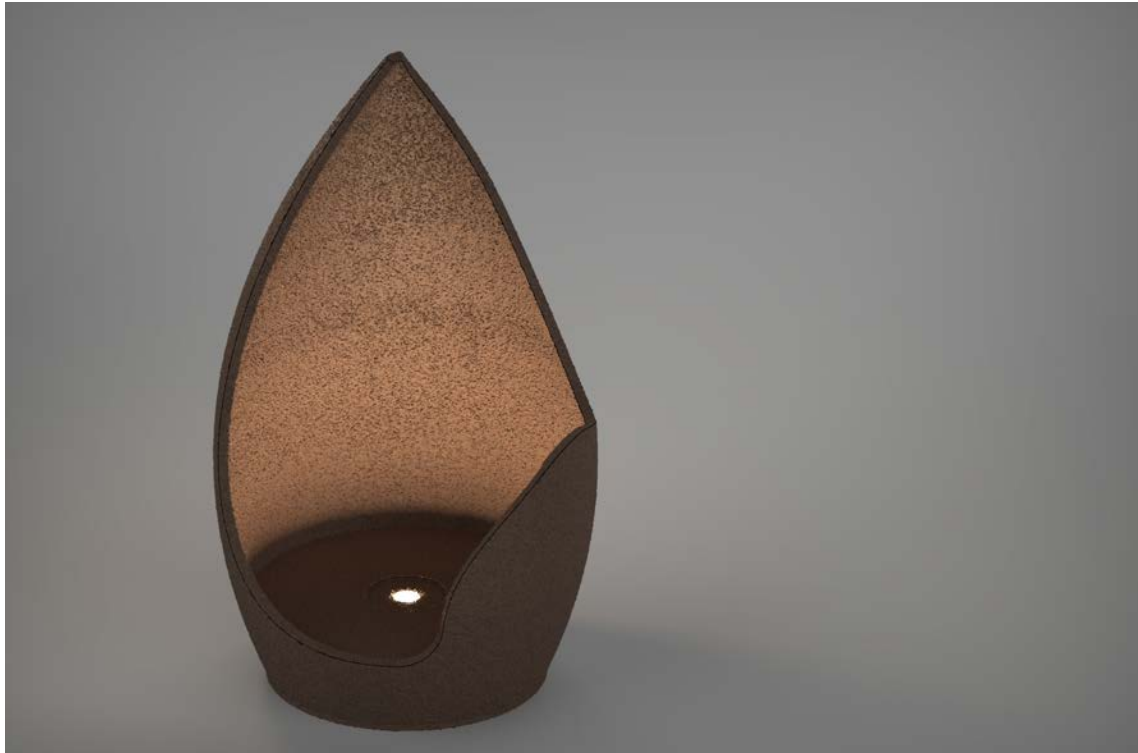
flowing organic style



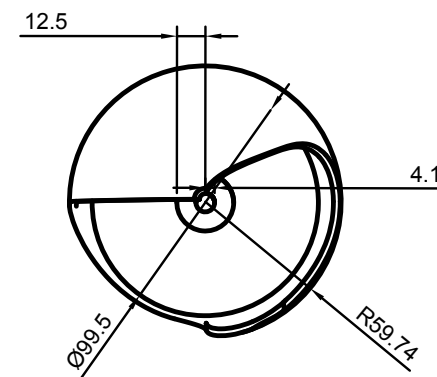
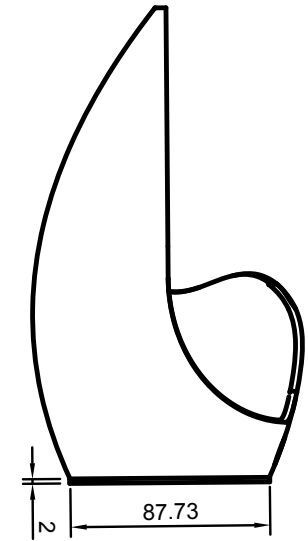
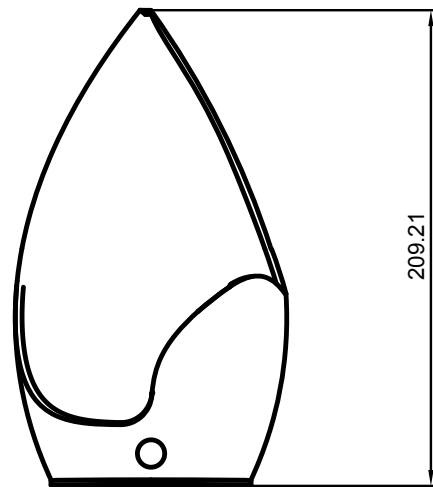
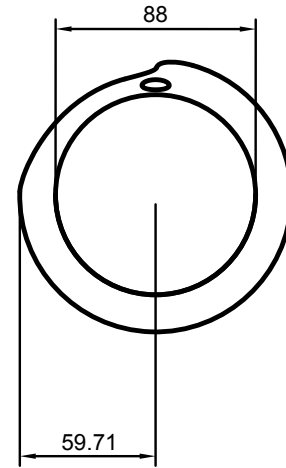
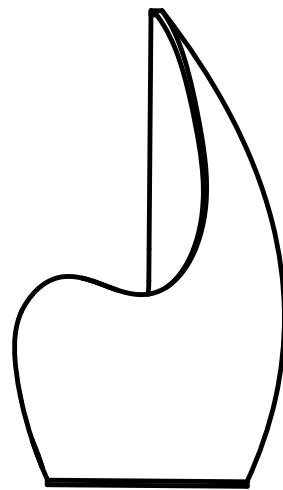






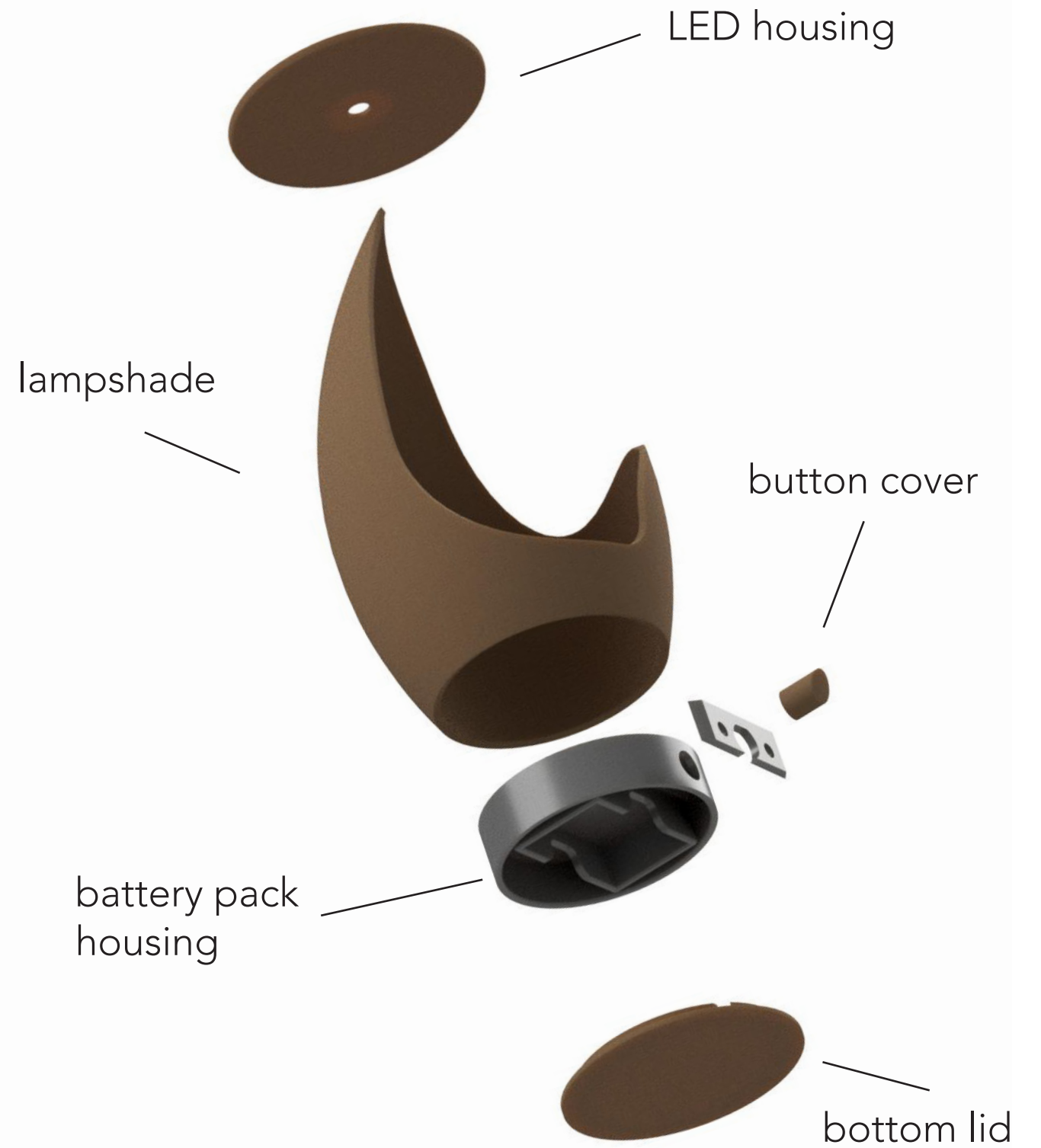


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