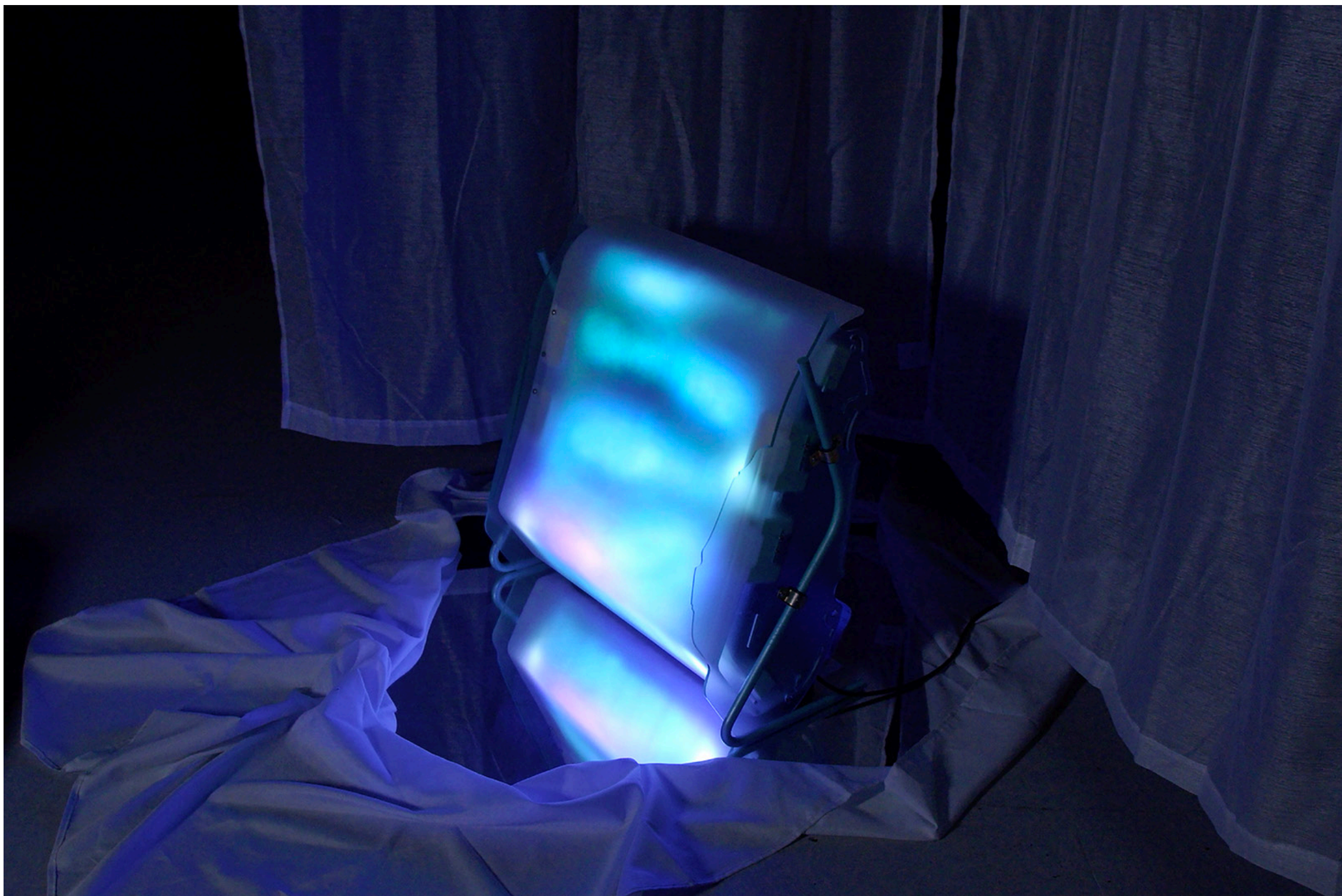


01 Luminous Solace

choreographing radiance with fidgeting motions

Project Video: <https://youtu.be/avkCUabAi0Y>

Tools	Hardware	Materials
Platform I/O Bluetooth	LED Strips Sensors Custom Electronics	Steel Plexiglass



▲ *Luminous Solace, convex diffuser*



▲ *Luminous Solace, 2023*



▲ *Luminous Solace, User Interaction*

Overview

Luminous Solace is an interactive chromatic light installation that beckons users to embark on an exploratory journey into the soothing and comforting experience of fidgeting motions with light and colors. The installation features a tactile fidget device, designed with an assortment of textures and touch-sensitive switches for engaging haptic interactions. This device interacts with the convex diffusor, which casts a variety of colorscaapes that transform in response to fidgeting motions.

Participants can use the tactile switches to toggle between the five colorscape integrated into Luminous Solace. As the participant fondle and massage the fidget device with their hands, the recurrent motions influence the color dynamics, modifying its hues, patterns, dimensions, and compositions. Subsequently, these alterations permeate the encompassing space, generating a distinct manifestation of emotional comfort and tranquility. The amalgamation of tactile manipulation and luminance cultivates a serene encounter, fostering an atmosphere of calmness and equilibrium.

Luminous Solace facilitates an immersive environment that encourages users to delve into the therapeutic experiences of tactile engagement while simultaneously accentuating the impact of chromatic and luminous elements on human perception and emotion. The installation provides a prospect for participants to interface with radiance via haptic and sensory modalities, thereby nurturing an enhanced interrelation amidst the sensory, body, and the mind. It enables users to partake in new therapeutic activities and to consider the connections between vibrant colors and their corresponding emotional experiences.

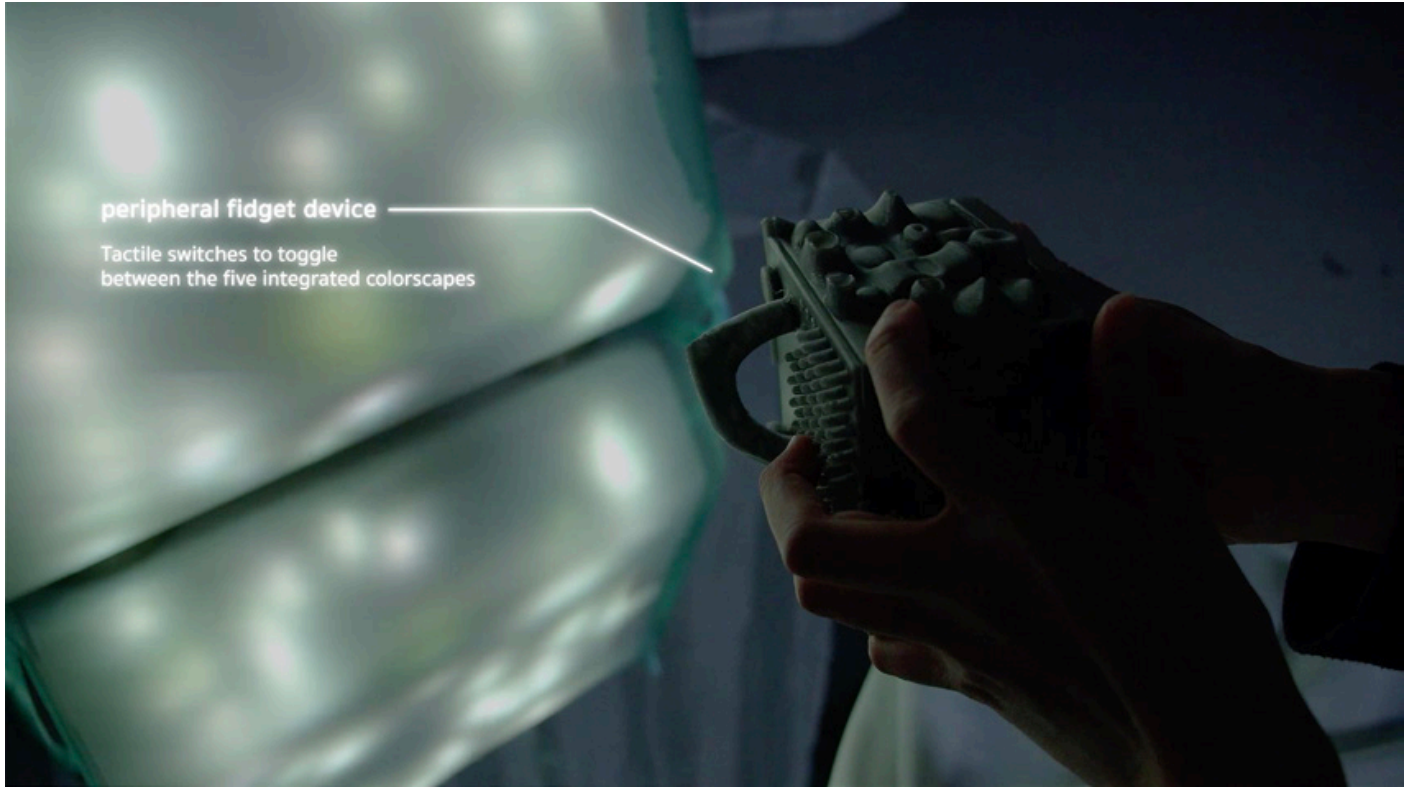
Fidget Device Peripheral



▲ *Luminous Solace User Interaction*



▲ *Luminous Solace Switching Color Dynamic*



▲ *Luminous Solace Fidget Device CloseUp*

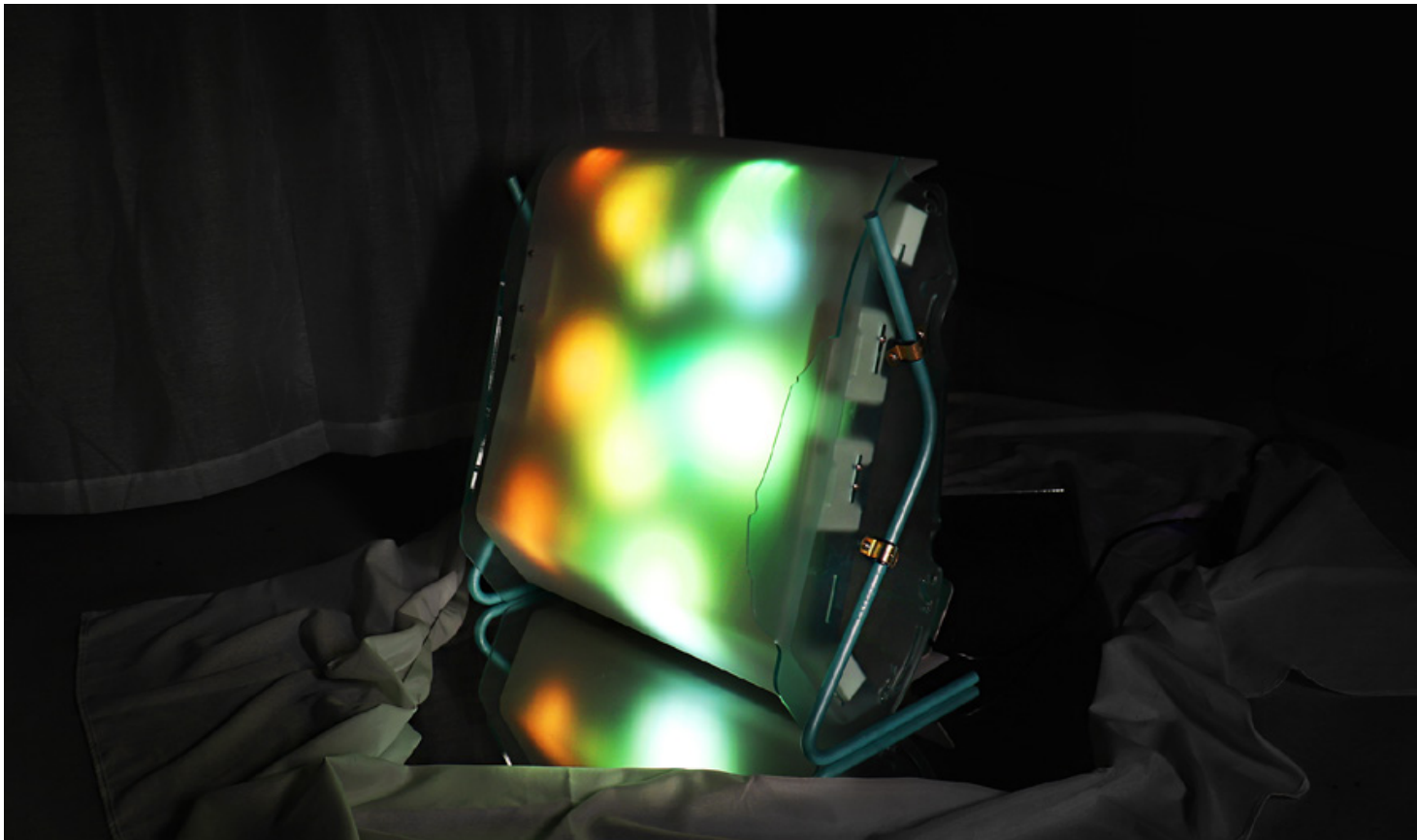


▲ *Luminous Solace User Interaction*

Physical Design and Fabrication Details



▲ Luminous Solace User Interaction



▲ Luminous Solace Switching Color Dynamic



▲ Luminous Solace Fidget Device CloseUp



▲ Luminous Solace Curved Plexiglass

User Interaction



▲ Luminous Solace User Interaction



▲ Luminous Solace Switching Color Dynamic

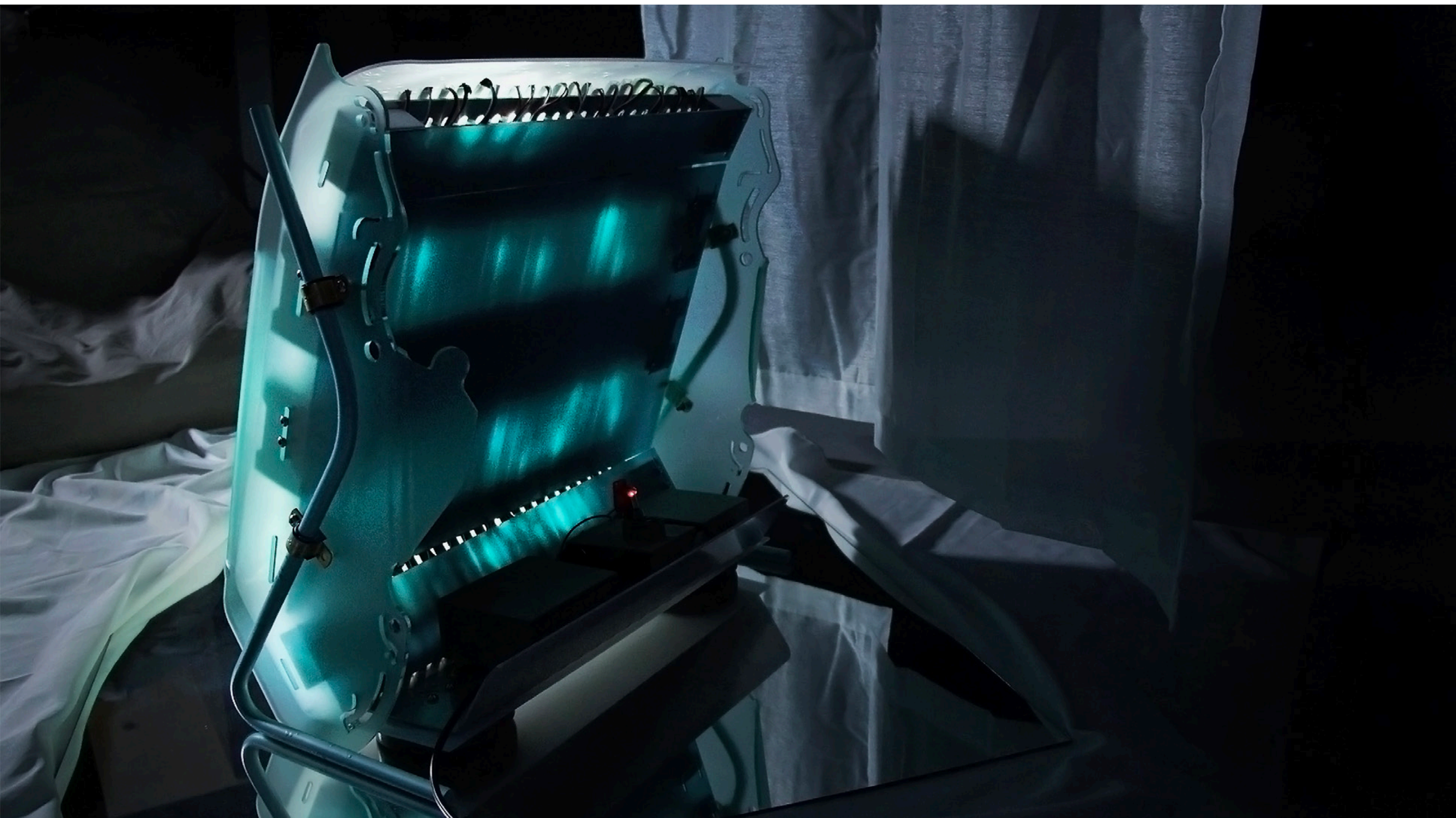


▲ Luminous Solace User Interaction



▲ Luminous Solace User Interaction





▲ *Luminous Solace*, by Reina Mun