

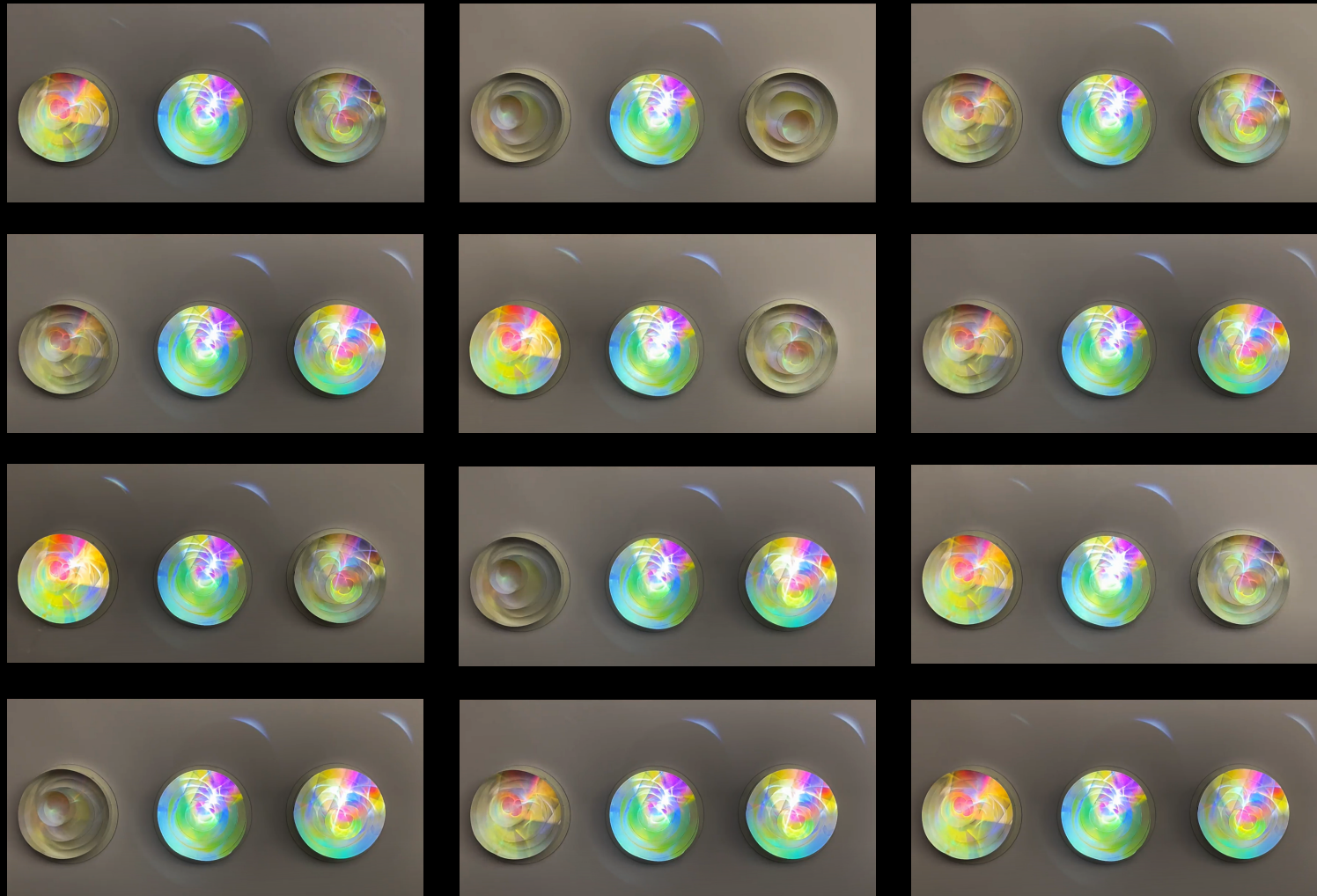
# MOON: IN COLOR

*an exploration of reflected fractals using light and color*



## PROBLEM

Waiting in a room without daylight or views to the outdoors can add to the stress and anxiety one feels in a healthcare facility; Moon: In Color is envisioned to engage the viewer through its swirling forms of light and color.



## CONCEPT

Inspired by the moon, the circular forms of the art piece comes alive through dimming lights that create shifting fractals of color inside. The duality of simplicity and complexity in the piece is defined by light throughout the changing phases.



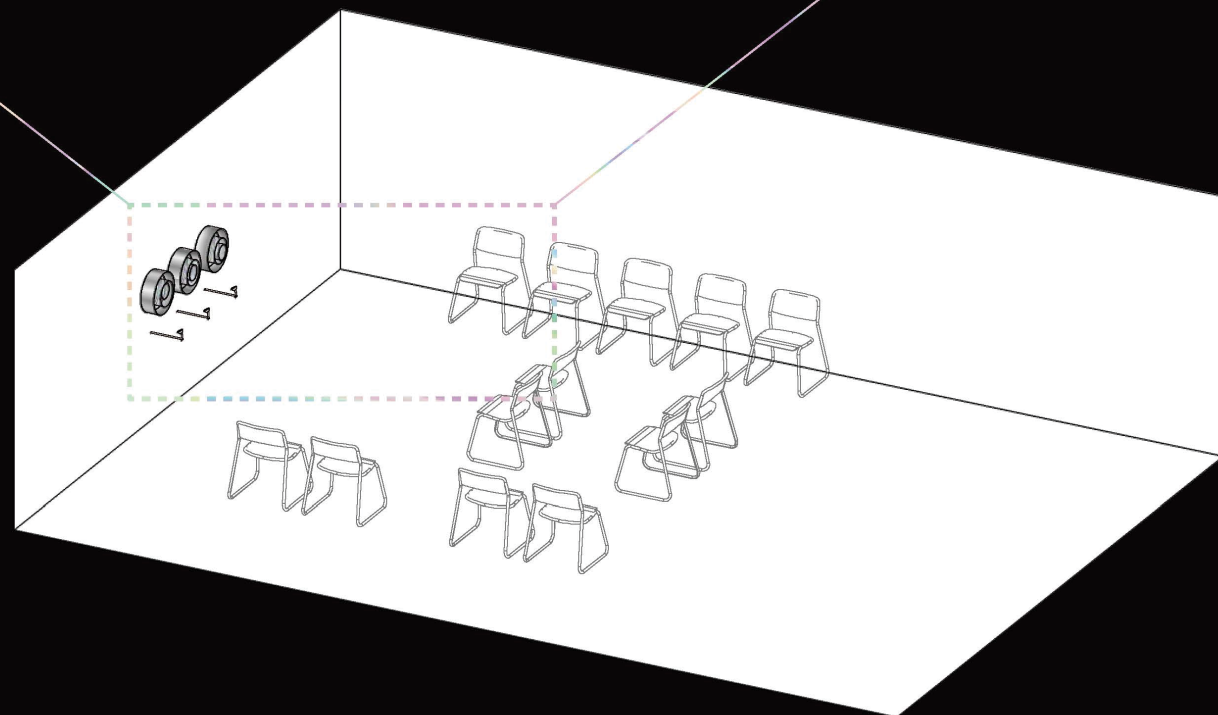
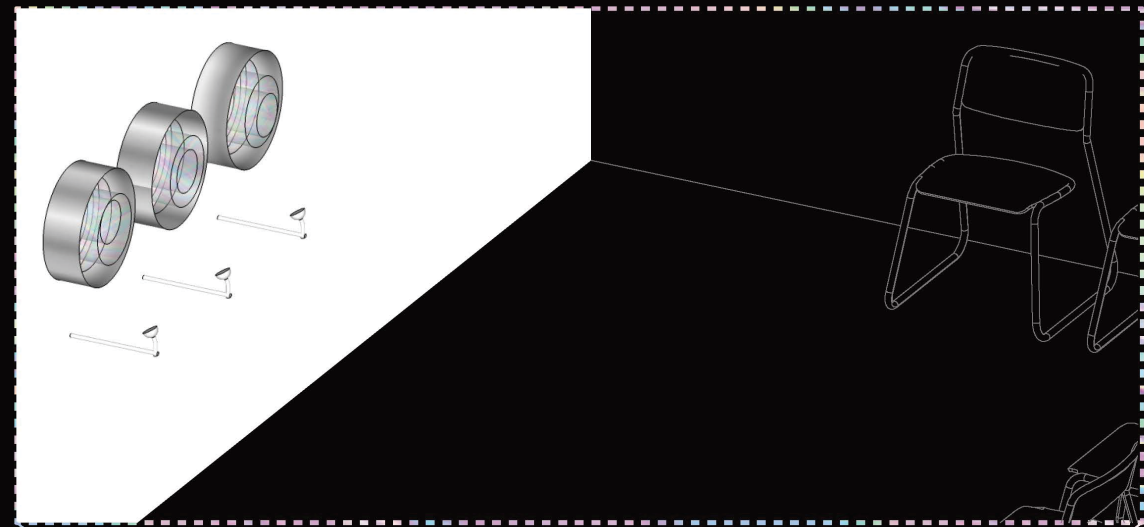




#### RESEARCH

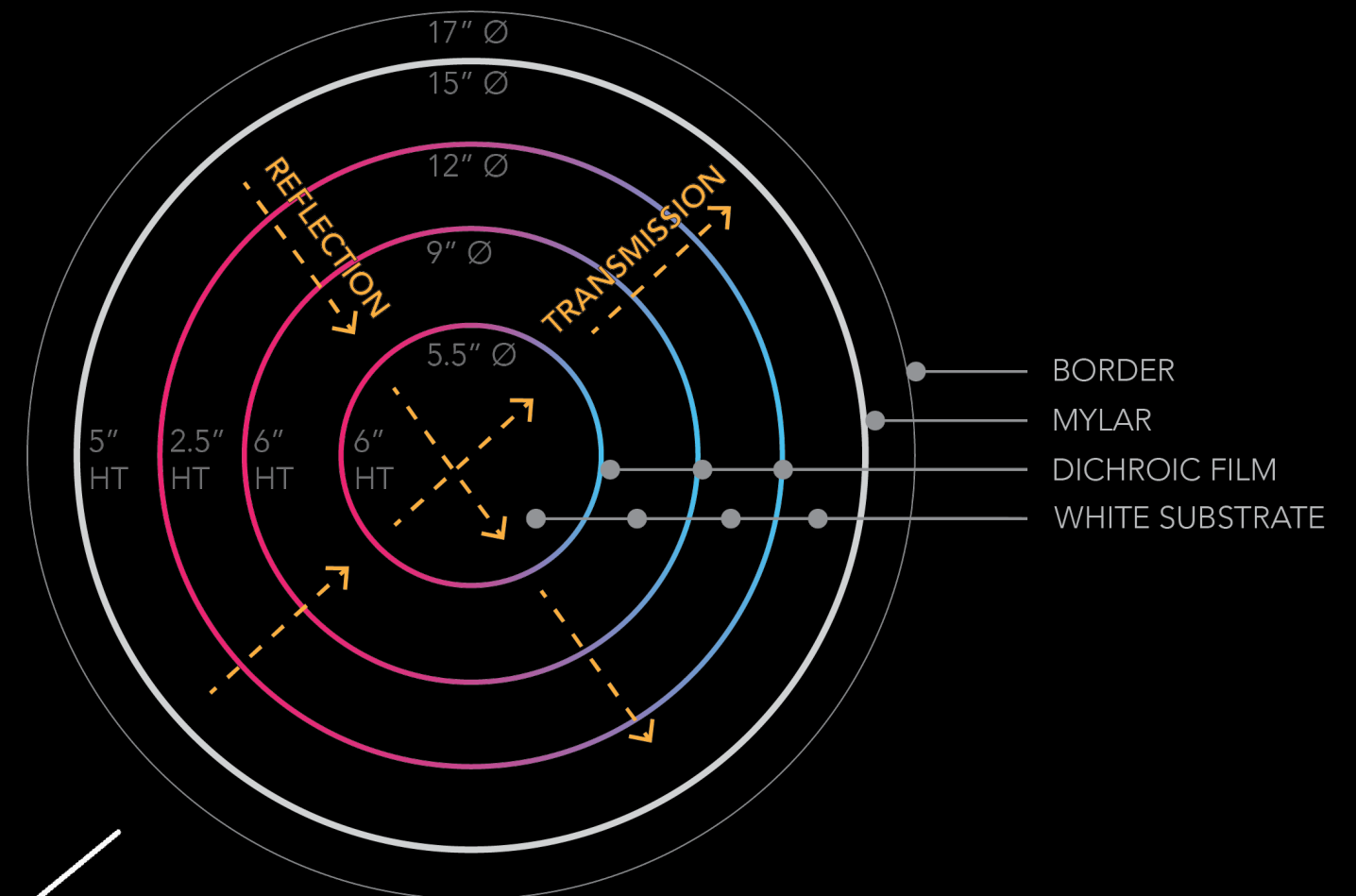
Fractal patterns and visual symmetry provides visual and mental stimulation and are preferred by viewers (Taylor et al. 2011, vol. 5; Pecchinenda et al. 2014, e92685), while the changing colors echo patterns and movement found in nature, reducing stress and improving overall psychological experience (Coburn et al. 2019, 133–45).





### HOW IT WORKS

The circular borders of mylar reflect light that has been transmitted through the layers of dichroic film inside, creating fractals of light and color. The light source used are mini source fours, which are to be mounted below the art piece. The light sources are dimmed up and down in intervals; the waiting room lights will also be dimmed for about 2 minutes every hour to highlight the piece.



MINI SOURCE4 OR A.E.  
MOUNTED FROM BELOW