

Description

Metropolis | 2019

Change or the ability to alter awareness to perceive more is the basis of the *Metropolis* series. *Metropolis* is a body of work where layers of glass have been paired specifically to undergo a transformation by use of light. When lit by the LEDs on the interior of the sculpture, the color is altered and an illuminated pattern is revealed.

Unlike a regular light, the element of illumination is unique in *Metropolis* because of the interior glass component. The form on the interior of the sculpture concentrates light through prisms created by the use of an optic mold during the molten process. These prisms transmit light to create lines or points of concentrated light that vary depending on the proximity of the form to the light sources as well to the exterior component. The shape of each interior form stands to alter the concentration of light reflected onto the exterior component.

Beyond the element of light, this work is influenced by quantum geometrics; the patterns are abstractions of light its self. Through the implementation of programmable LEDs I plan to animate these patterns to subtly ripple reality; to create visual illusions that reference quantum energy on a perceivable scale.

Jason Bauer (Aug. 2019)

By use of LED, natural lighting, and the unique qualities of glass color, this work can be appreciated through multiple perspectives. Layers of glass have been paired specifically to undergo changes based on the direction of light. When lit by the LED lights on the interior of the sculpture, the color alters and patterning is revealed to create a completely different look. This work relates to the beauty of multiple perspectives, gathering and understanding the subjective perspectives of others, outside of our own allow us to make more informed decisions and choices.

Metropolis is an exploration of caustics, using multiple layers of clear and colored glass backed by LEDs to create patterns of light. The title of this series, *Metropolis* comes from Fritz Lang's 1927 film of the same title.

This series gave me a chance to experiment with other materials such as silicone, acrylic, brass hardware, colored glass, and light. I am eager to realize this work on a much larger scale as an architectural installation.

Jason Bauer (July 2019)