



CITATION

for Interactive Façade

Sensing Change

Chicago, IL

upLIGHT

Michael Stiller, Caroline Trewet, and Amanda Clegg Lyon

Sensing Change is a peaceful, reflective experience in the middle of Chicago's concrete jungle, drawing inspiration from the natural world. The installation is powered by live data feeds, creating unique and ever-changing visuals that can be enjoyed both day and night. The luminous trellis projects animations influenced by local weather. Wind speed acts as a disruptive layer superimposed over base states that include: Cloudy, Sunny, and Precipitation.

ESI Design conceived the dynamic light sculpture, which was further developed and executed by upLIGHT and the project fabricators. The trellis comprises brushed metal fins housing linear 4000K fixtures facing the viewer and RGB fixtures facing the wall; a textured structure that plays with animation and light. By combining line-of-sight and reflected lighting effects, the sculpture alternately reads as a single- or multilayer surface, generating a complex and organic experience. The abstract patterns of light are inspired by images of water traveling through leaf veins, rays of sunlight, and the flow of oxygen in and out of the atmosphere.

Over time, the LED trellis will support lush ivy growth. Together, the trellis and vines embody a juxtaposition of technology and nature that is as organic and contemplative as dappled light through trees.

EXPERIENCE DESIGN

ESI Design

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