



STUDIO
OSMAN
AKAN

Initial concept
Codman Plaza Public Art Commission

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Conceptual Background and Approach

The primary concept behind the artwork for the Codman Plaza project finds its basis on the importance of creating forms that are durable and colorful, especially for **children!** From the early on we wanted to generate a design that is flexible in its placement on the site thus empowering us to activate multiple locations of the park utilizing the unifying quality of the artwork. This decentralized distribution of the modules combined with the open and inviting character of the concept will allow children to enter to the space of the artwork, walk and play around these colorful forms.

Another very important topic for us was lighting. In thinking of the design, we wanted lighting to be an essential part of our concept. Colored lights and shadows were a crucial attributes behind our design. We are certain the artwork will be enjoyed both day and night.

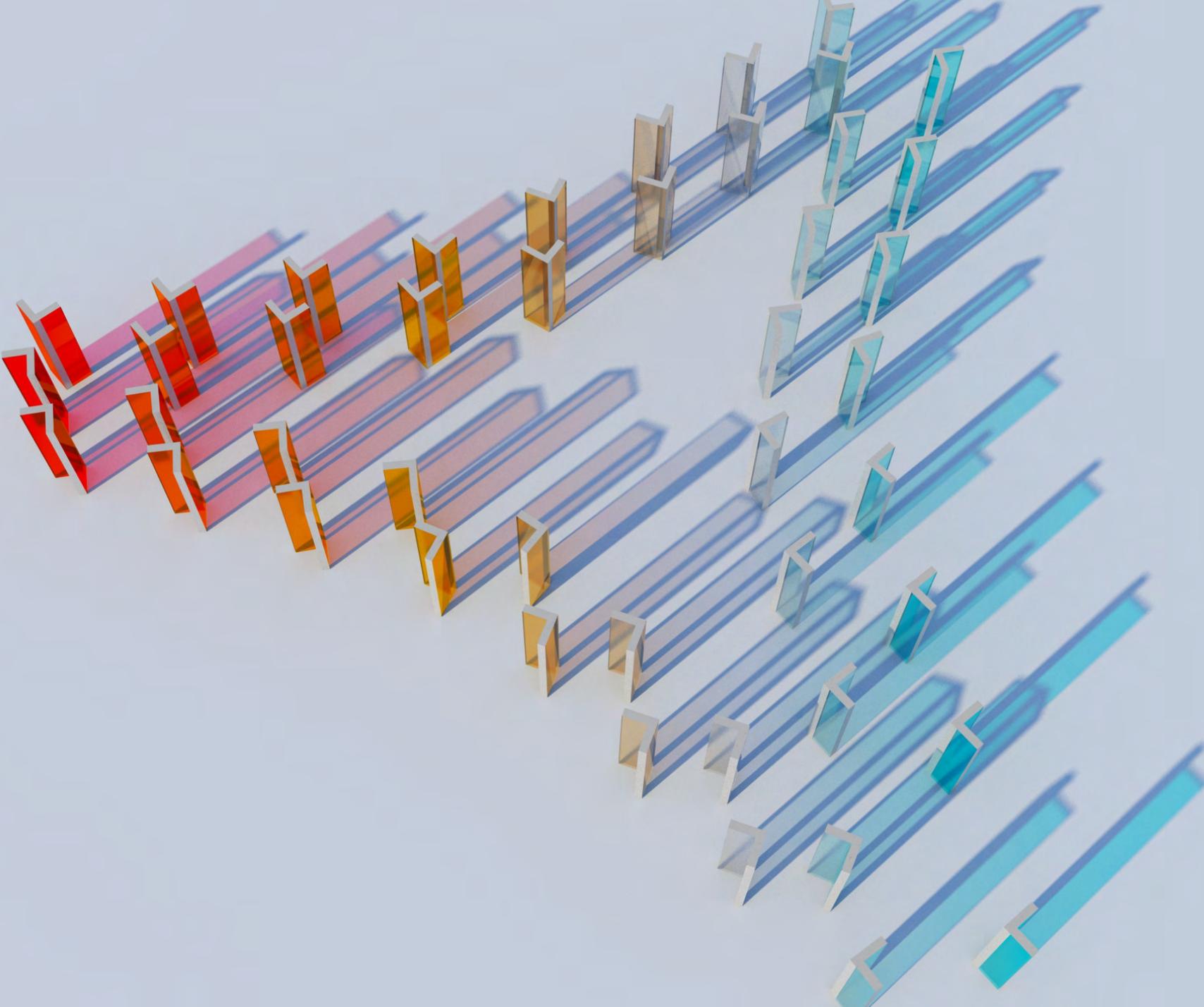




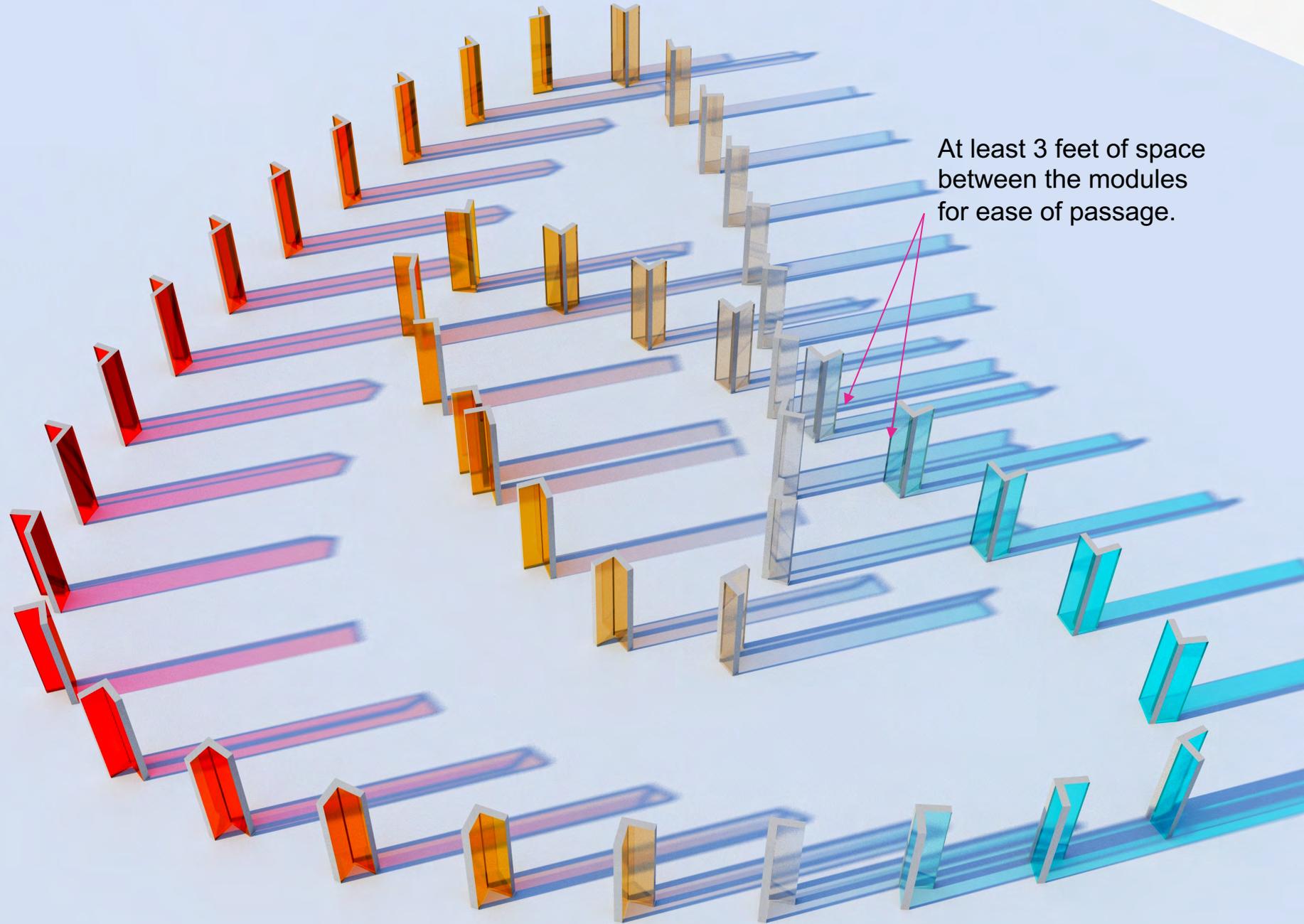
Alternative distribution



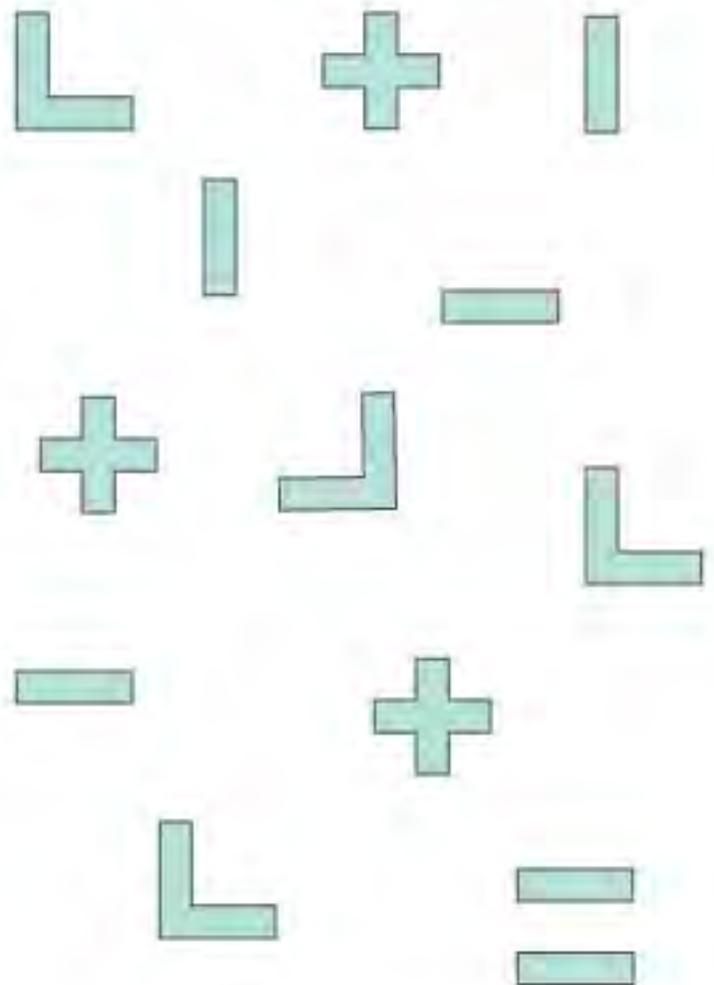
Alternative
distribution



Alternative
distribution



At least 3 feet of space
between the modules
for ease of passage.

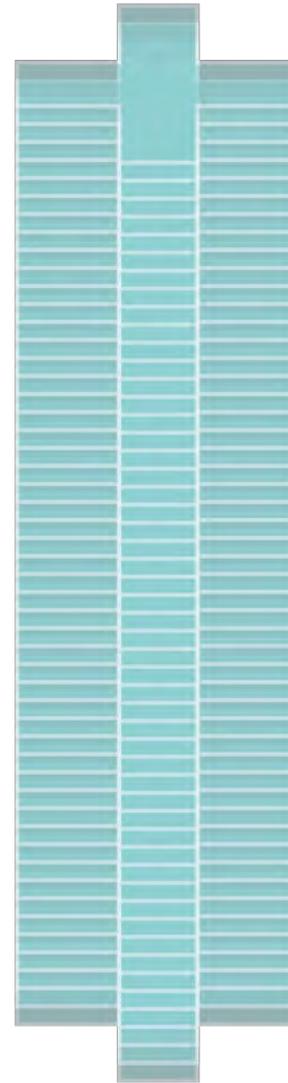


Endless amount of distribution layouts are possible. Space between the modules as well as their relation to the site can be adjusted based on the overall design of the plaza.



Below human eye sight, and does not generate enclosed space

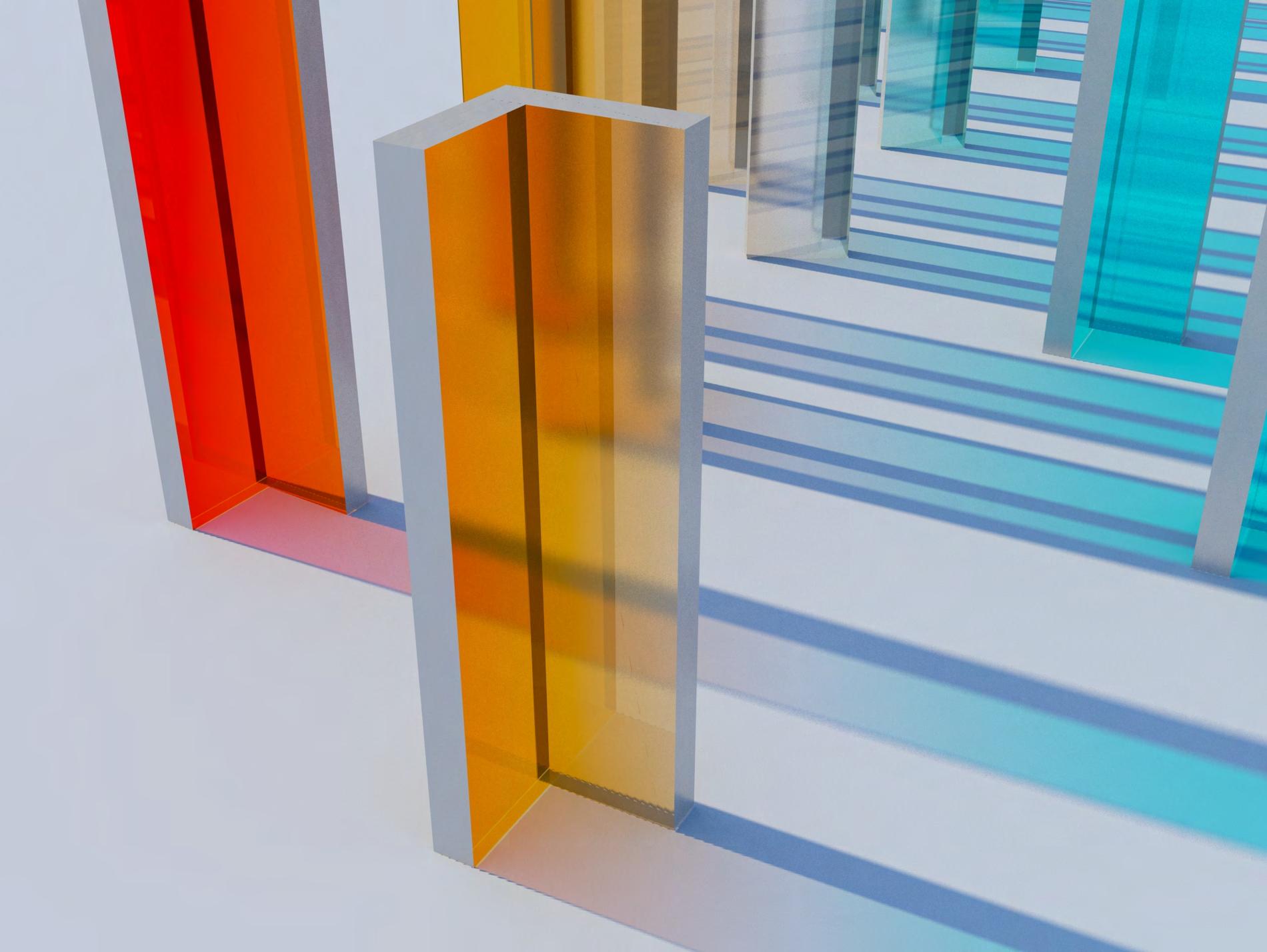
Approximate total width 16 inch



Approximate total height 3 - 4 feet

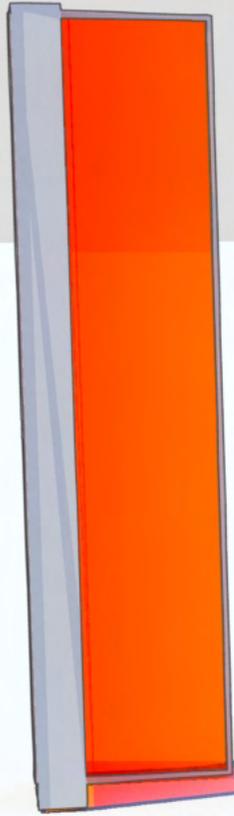


Metal components are planned to be stainless steel. We expect it to be 1/4 inch thick. Various gauge metal sheets can be used in construction of the artwork depending on the engineering calculations and final finish.



Colored sections are planned to be laminated glass. There are alternatives such as Lexan and KodaXT from 3Form. All of these products are outdoor grade and very carefully chosen for their ability to withstand the elements, as well as vandalism.

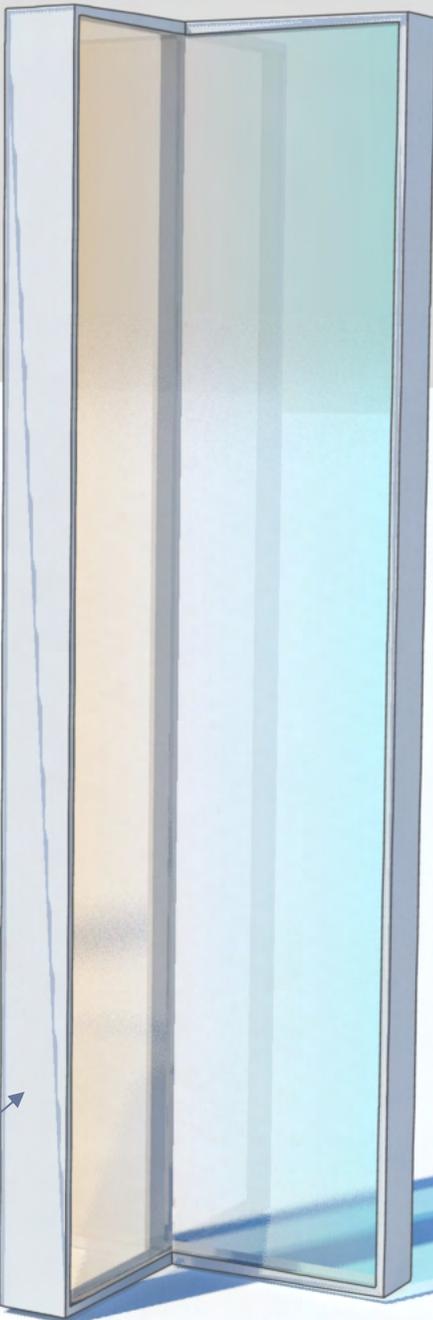
They will be partially submerged in to snow during winter months and this is actually a desired effect to cast colored shadows on to the white surface of the snow.



Side

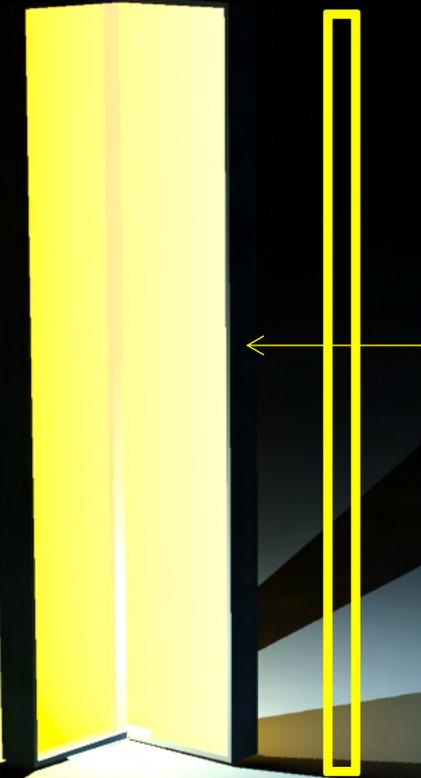


Back



Front

Frames are made $\frac{1}{4}$ inch of stainless steel



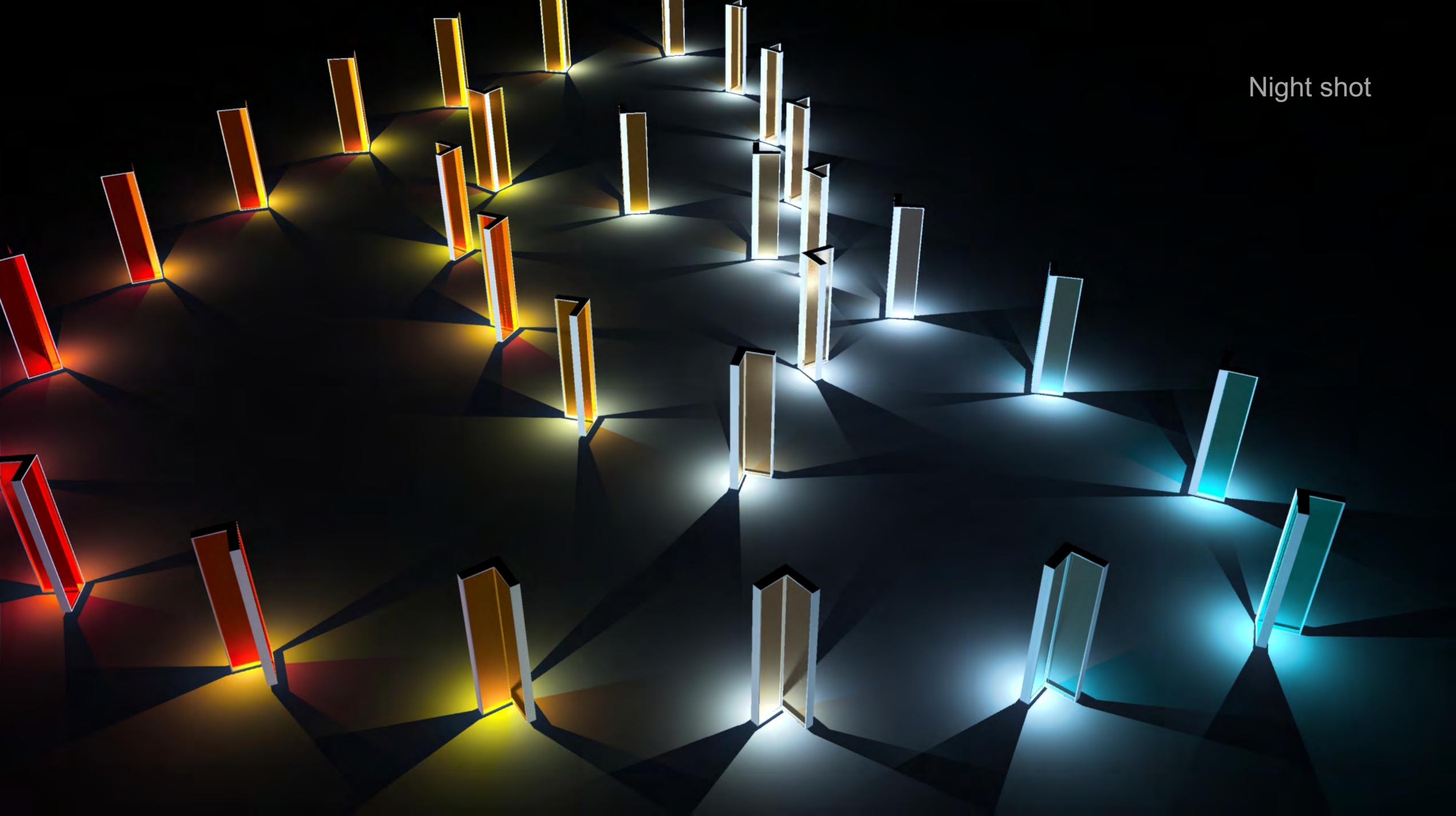
Custom LED Lighting components will be installed on the inner side of the stainless frame to generate side lighting that glows the translucent inner panels. This method will convert the modules in to customized lighting units.

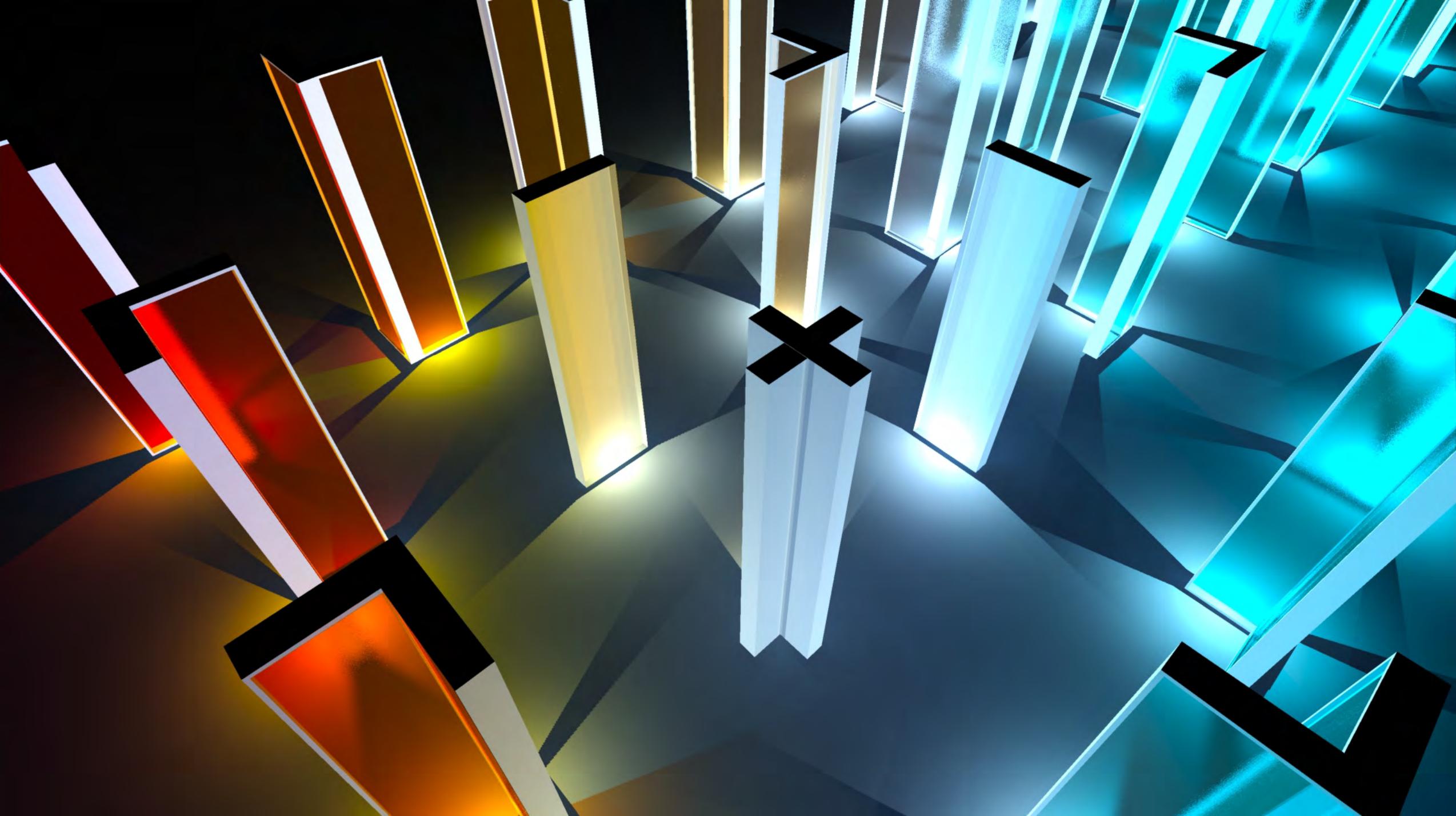


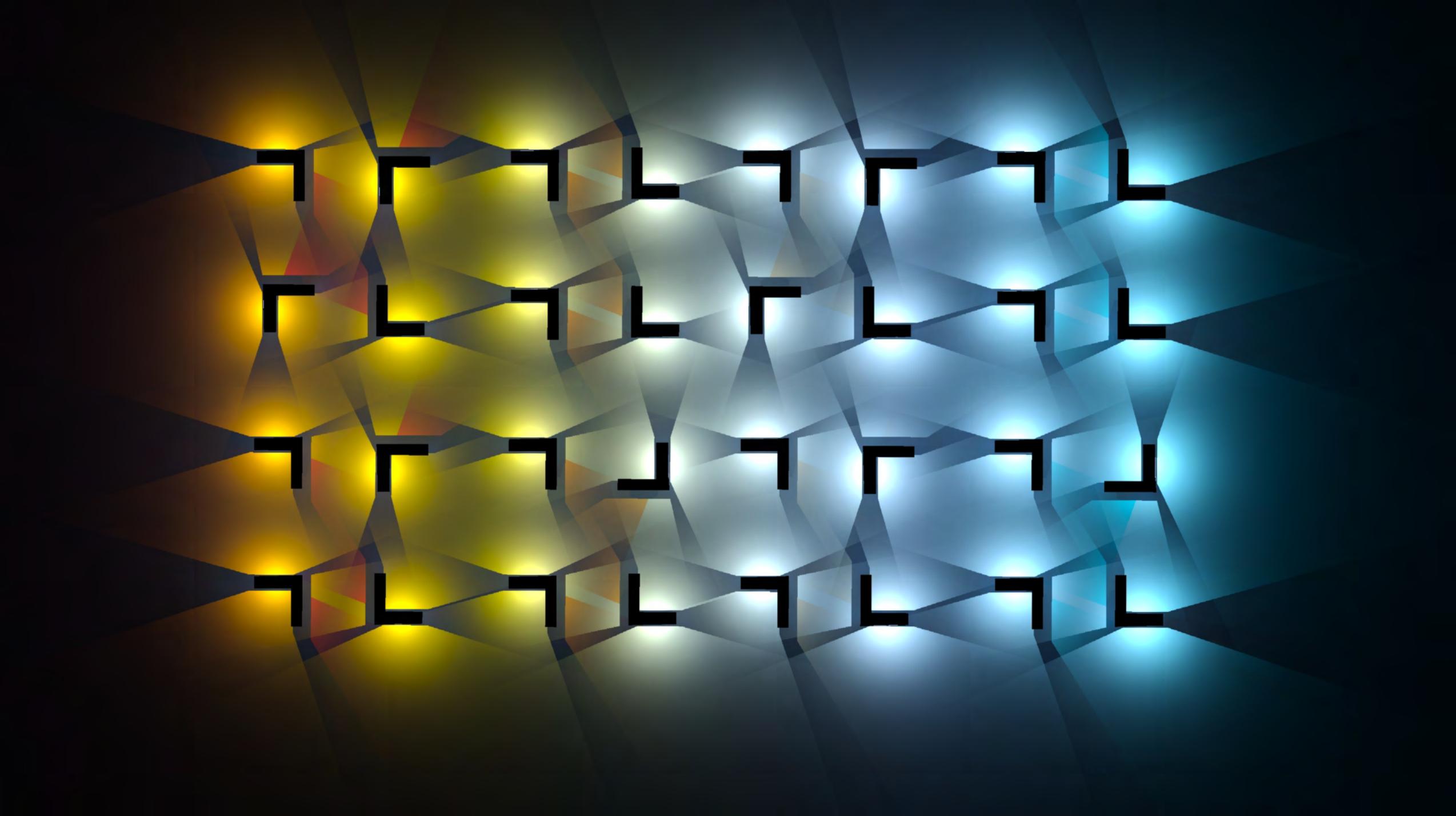
Here is a photo of a side lighting example I took recently. It is evident in the glowing middle panels that the directional light of LED's generate evenly distributed lighting on the glass surface while they remain hidden as components.



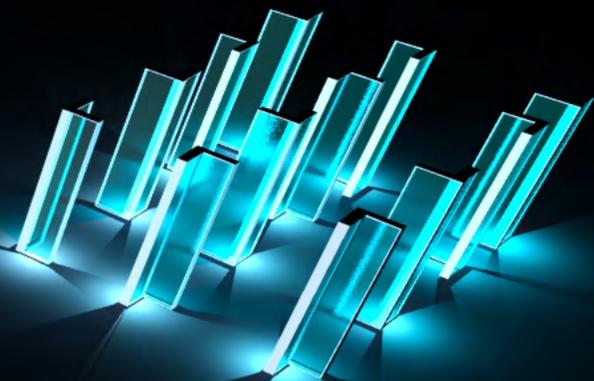
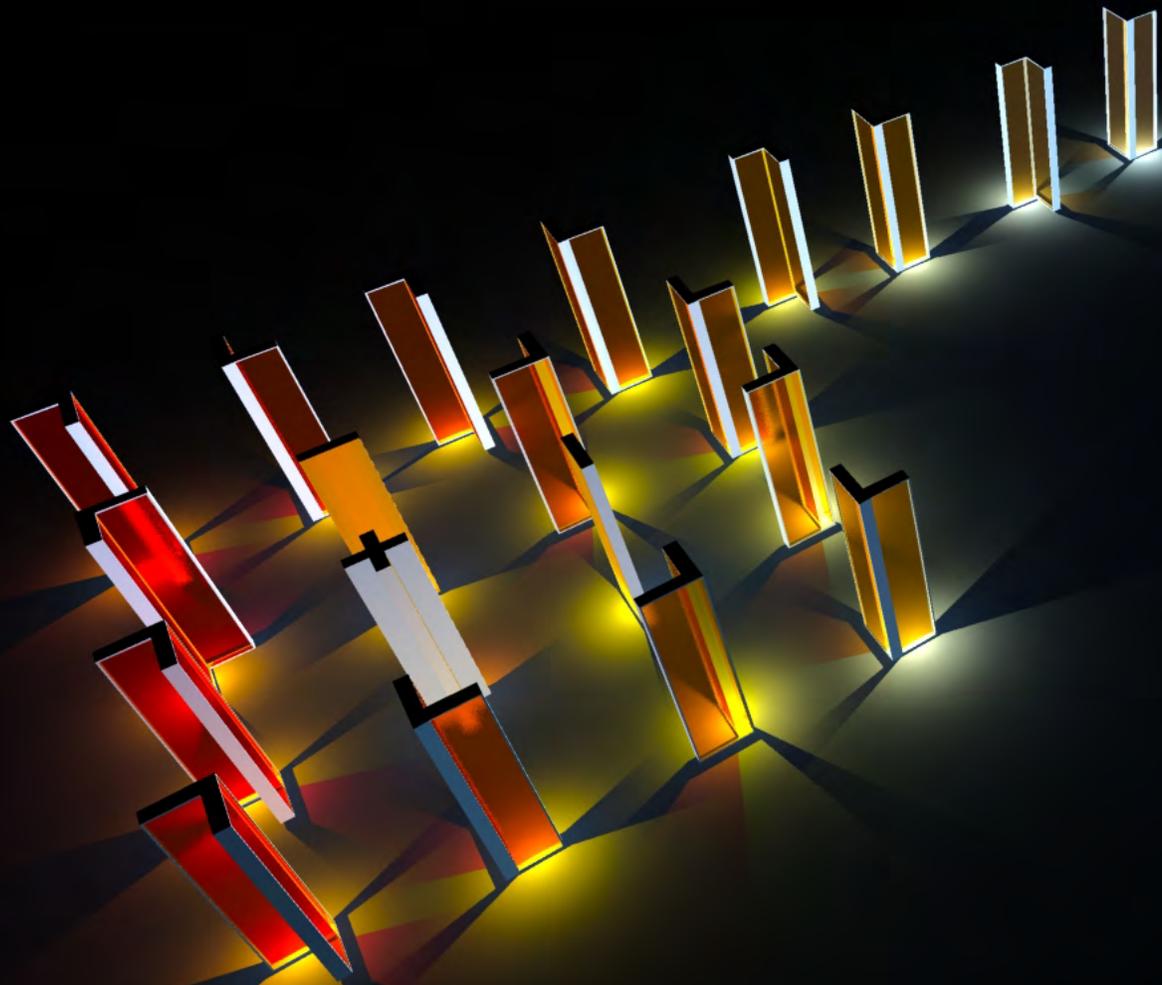
Night shot











An example of successive color
Olafur Eliasson



An example light pattern
Robert Irvin





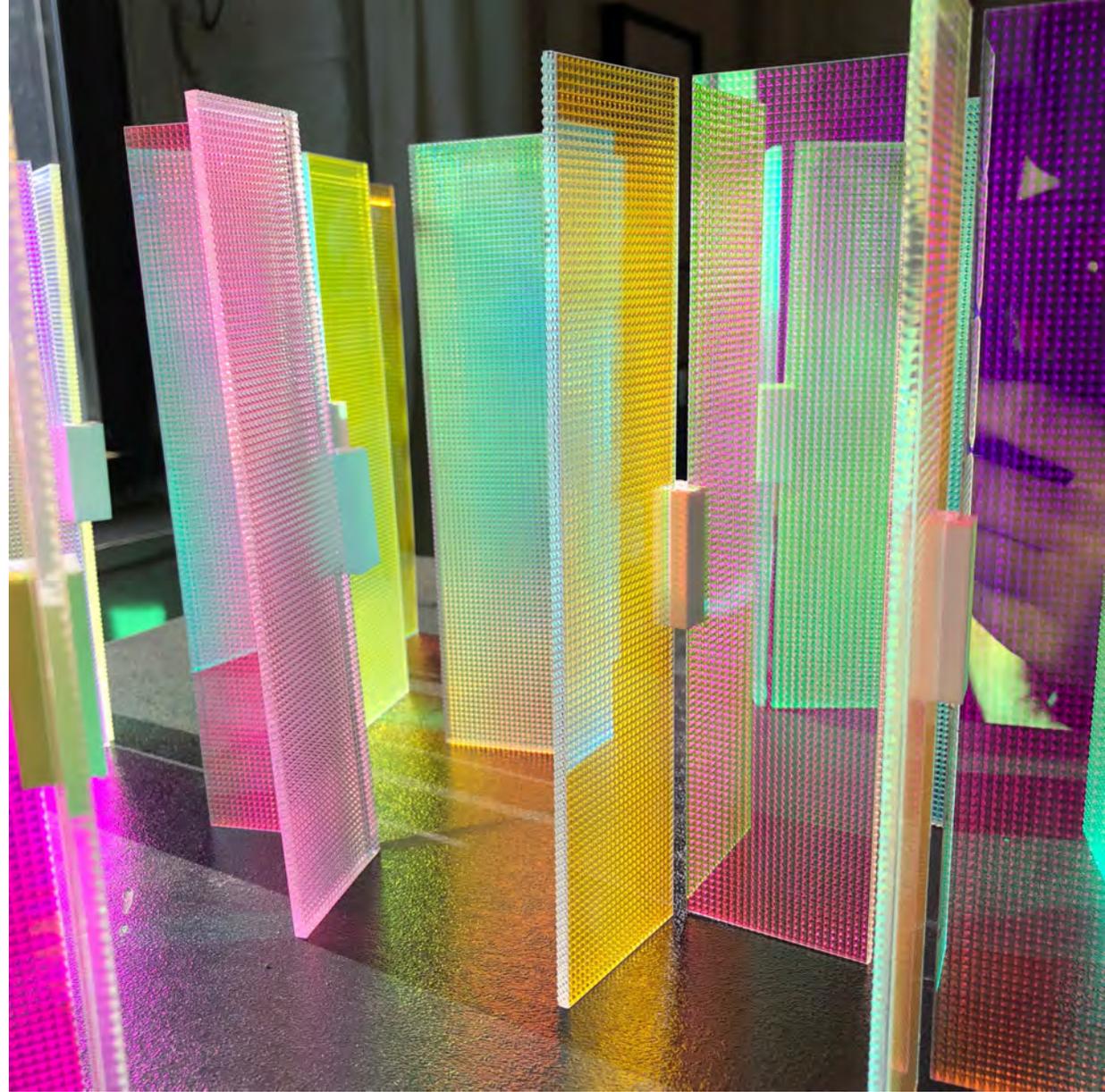
An example colored glass and shadows "Lux Aeterna"
Osman Akan

An example dichroic glass and shadows “Fragmenta”
Osman Akan





Color check with real materials in the studio.
Solid color filters.



Color check with real materials in the studio. *Dichroic filters.*

Installation

Modular nature of the artwork results in several possibilities concerning installation. Each unit can be anchored to a narrow concrete path. Alternatively, each unit can be anchored to individual posts driven to the ground. Installation will be dependent primarily on the final landscape design of the Plaza.

Estimated Budget:

Per module cost:

metal fabrication: \$800

Glass: \$2000

Lighting components: \$1500

Assembling: \$1200

\$5500 x 30 units \$165000

Site work:

Foundation: \$25000

Installation:

installation: \$20000

Engineering

structural engineering: \$10000

shipping and handling \$5000

legal and insurance \$5000

contingency \$14000

Travel and accommodations \$6000

artist studio fee \$50000

Any part of the funding that is left over can be used to increase the amount of modules.

total: \$300k

Maintenance

With careful material selection using metals and professional coating materials, we reached our goal of minimal maintenance for this project. An annual visual inspection of the artwork and a power-wash is advisable to reduce buildup as part of a maintenance plan. RGB LED's for colored nighttime presence are rated a lifetime of 50.000 hours.

Please note that the artwork proposed here is open to changes based on inputs and suggestions from the committee. We hope to demonstrate our site specific approach to this particular project. However, the final engineered form of the artwork will be re-presented to the committee after rigorous load calculations and additional design decisions.

Thank you very much for your consideration.

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