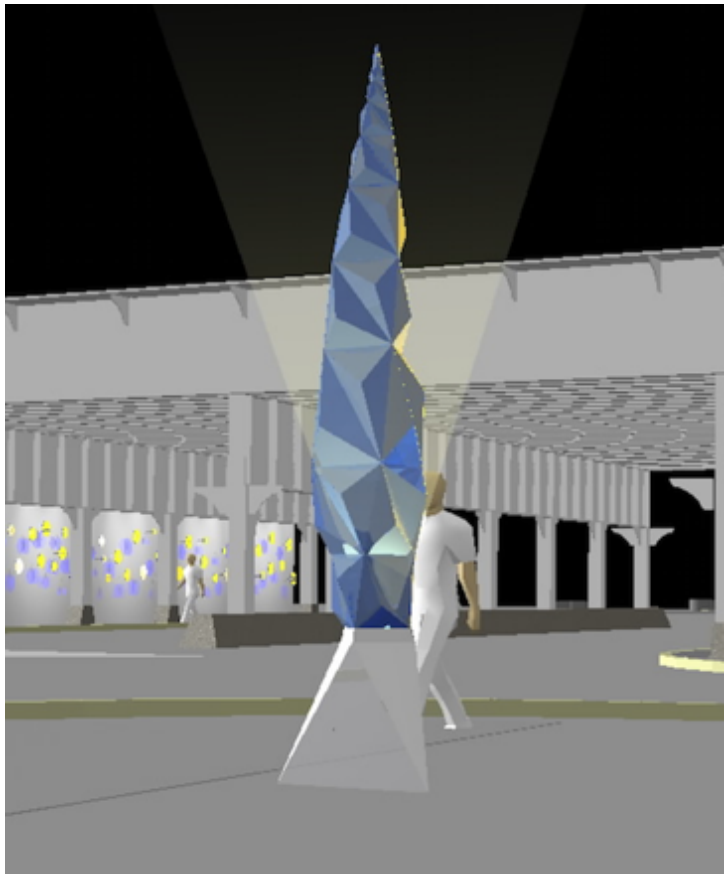
RAY KING STUDIO PRESENTS

FLAME BEACON & STAR OBELISK

Two Concepts for a Free-Standing Sculpture
To Enhance and Animate
The Oak Park Streetscape
Oak Park, Illinois



FLAME

STAR

INTRODUCTION & INSPIRATION

I strive to create wondrous, welcoming works of art to enhance public spaces. I use the phenomena of light as an art medium, creating dynamic interactions that refract light into color. My art reflects my interest in geometry, science, technology, light and color to create luminous, interactive sculptures that welcome the public, animate the environment, and uplift the spirits of viewers -- to make the mundane magical.

My designs are site-specific, inspired by the surrounding space to create a unique sense of place. In conceiving these sculptures, I was inspired by the concept of an Obelisk (Greek for “pointed instrument”) represent rebirth, eternity and immortality, an apt metaphor for this revitalized downtown. In conceiving two separate concepts for the corner intersection, I was drawn to two different modern interpretations of the Obelisk form. Each concept clad is in sun-responsive, color-shifting dichroic glass.

THE FLAME BEACON

The first concept is a twisting geometric beacon of interlocking dodecahedrons that expands outward , then narrow up toward point. This elegant geometric structure appears almost like a singular rising flame from afar. While up close, one can see the intricate structure and interlocking geometry within the beacon.
g dichroic glass with interior LED illumination for a nighttime experience

THE STAR OBELISK

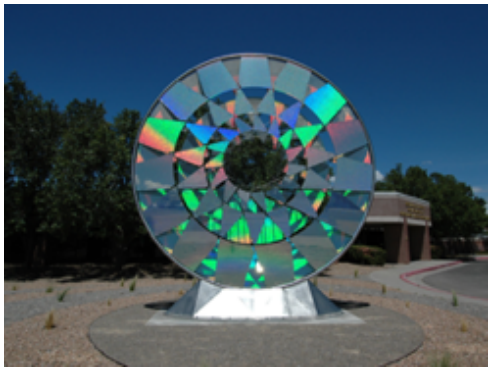
The second concept takes inspiration from the ancient Obelisks and their four tall sides reaching up toward pyramid-like tops. Each side is an elongated stellated dodecahedron form which creates a star-like geometry. This juxtaposition of an archetypal form with state-of-the-art materials places the ancient in conversation with a shimmering, futuristic vision.

Both sculptures measure 15’7” high. Both versions will sit upon a stainless steel base with interior LED illumination; an access panel will be designed into the base to allow for replacement of the light. The city shall provide the footing and the electric hook-up. Ray King Studio will install the sculpture and provide the light fixture.

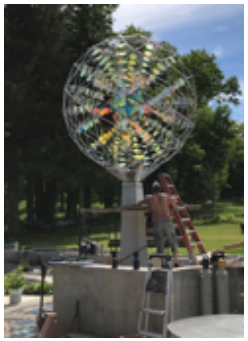
E X P E R I E N C E

I specialize in exterior sculptures and have designed and created dozens; six are located in Florida and built to withstand hurricane forces and intense sunlight. I have built exterior sculptures in climates as diverse and extreme as Alaska, California, northern Italy, and Taiwan where tropical storms are common. I understand the special engineering and installation techniques of exterior construction and extra-strength structural attachments.

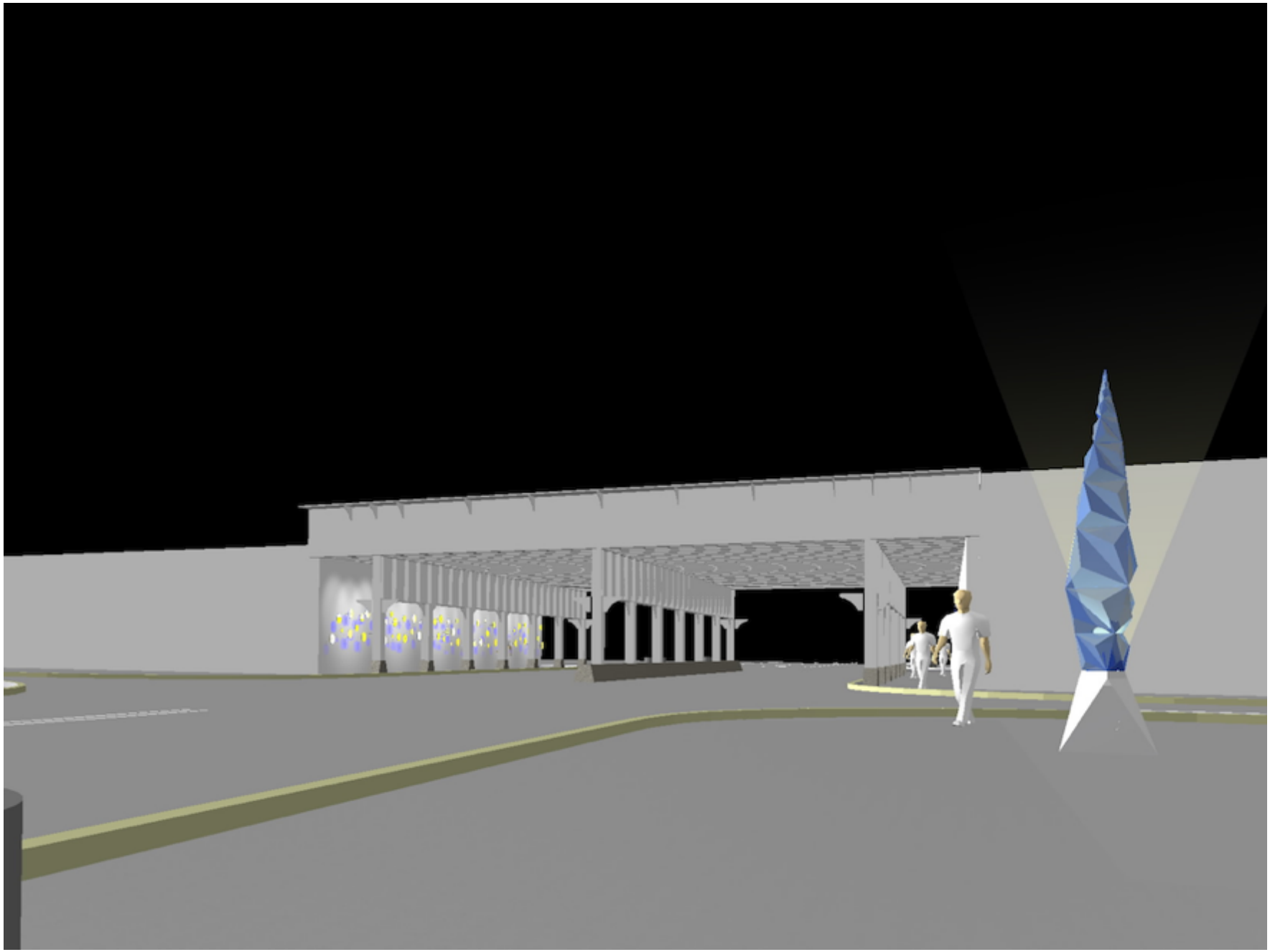
Below are some examples of free-standing sculptures I have created:

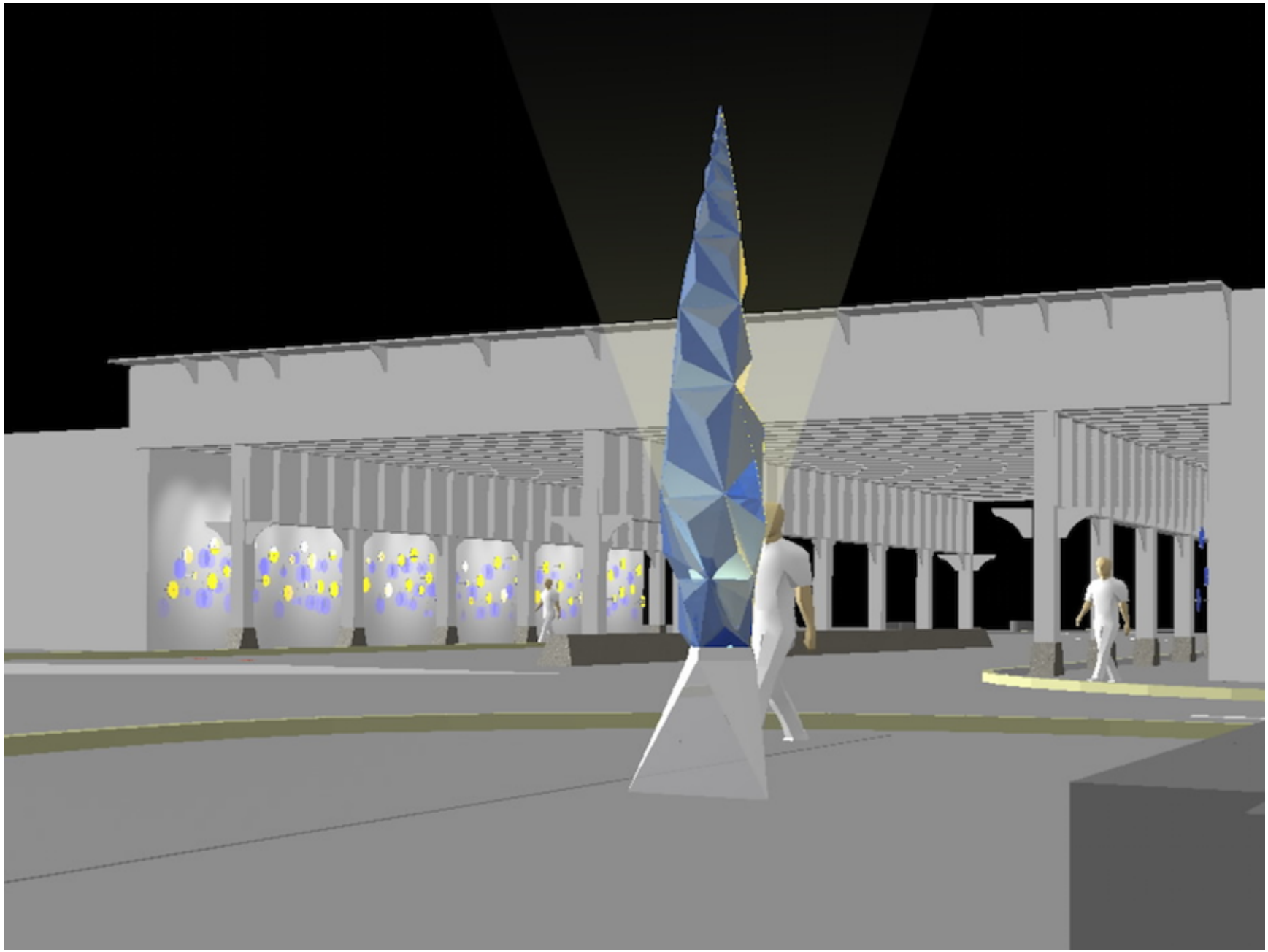


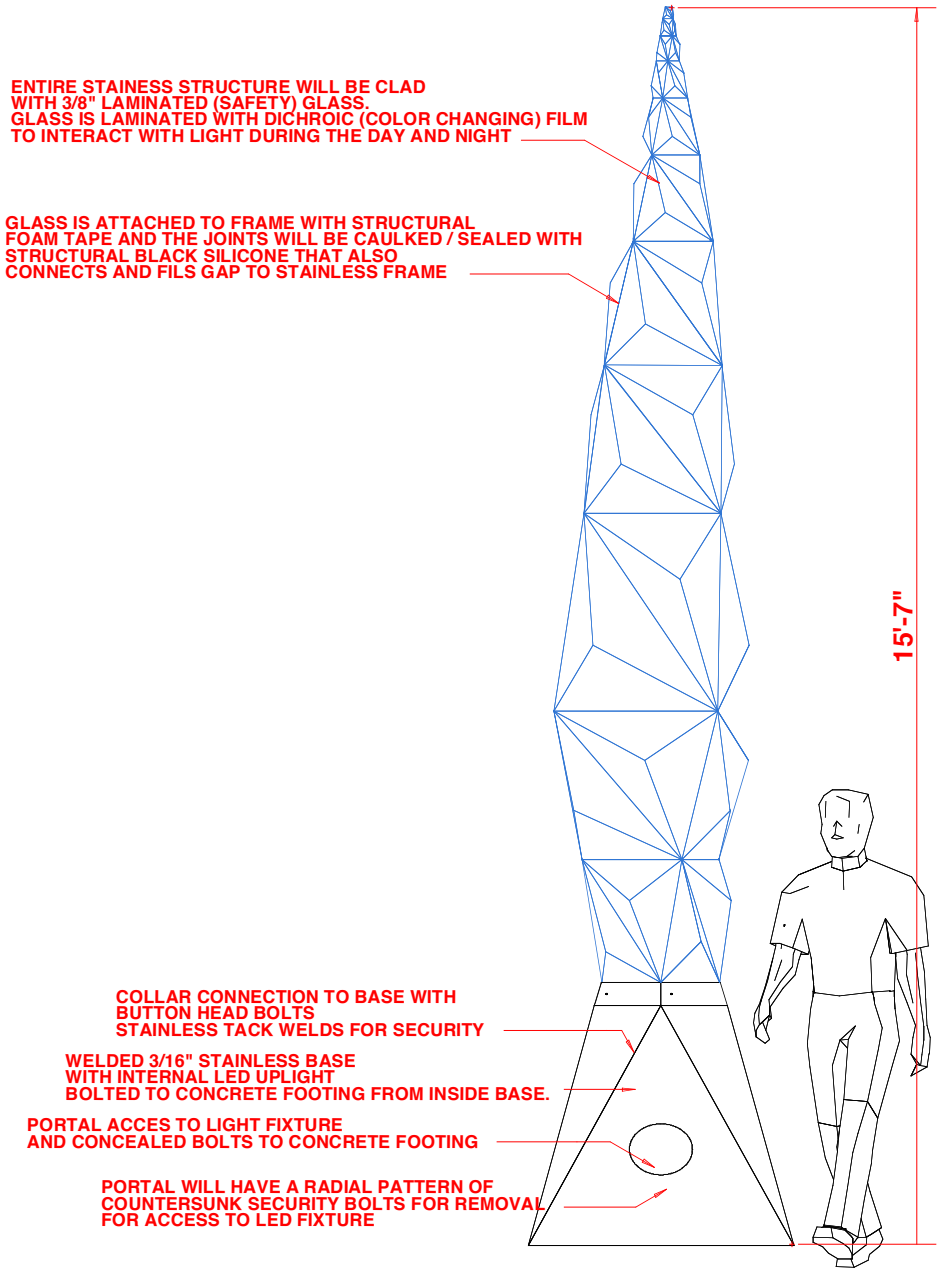




*Please see “Dichroic Glass” file -- a portfolio of dichroic glass sculptures and their dynamic projections and reflections.







OAK PARK BEACON

MATERIALS

LAMINATED SAFETY GLASS

ANNEALED GLASS VS TEMPERED GLASS VS LAMINATED GLASS

- Annealed Glass breaks easily into long, sharp splinters
- Tempered glass shatters and scatters into small pieces
- **Laminated safety glass is shatter-proof, strong, secure and durable.**

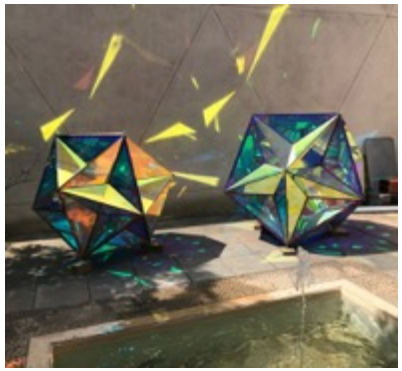
STAINLESS STEEL

- Durable
- Impervious to elements
- Recyclably

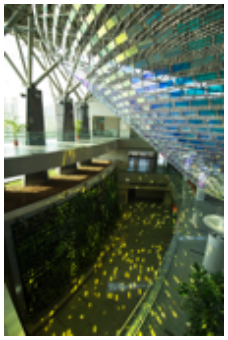
- Resistant to corrosioy
- Resistant to chlorides
- Resistant to oxidationy

LAMINATED DICHROIC SAFETY GLASS

Dichroic is a coating developed by NASA that projects one color and reflects its opposite compliment (i.e., transparent blue that reflects gold) by splitting white light into complementary colors.



Below are images from my permanent installation for the Taiwan Ministry of Culture in New Taipei City that show the dramatic presence of suspended dichroic glass and how they activate the environment:



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M A I N T E N A N C E

My art is designed with the highest concern for public safety, made from durable materials (laminated safety glass and stainless steel) and are generally maintenance-free and vandalism-proof. The raw materials used for this artwork are stainless steel, anodized aluminum, laminated safety glass and laminating films, all of which I source from multiple sources with whom I've had long-term business relationships. Made from durable materials the proposed artwork is well-suited to an exterior environment. Glass and stainless steel are impervious to the elements and offer very low maintenance. Most dust and debris will be removed by rain.

T I M E L I N E

The time frame for this project would be 1). purchase of materials is two to three months, 2). fabrication time-line is five to six months, 3). installation will take two to three weeks.

All of the dichroic glass and stainless steel components are fabricated at Ray King Studio. Each laminated safety-glass component is made from 3/8" laminated (EVA interlayer) safety glass -- hand-cut, edge sanded, and drilled. The artwork will be attached to steel framing behind the façade and cantilevered 3" from the wall. There are no sharp edges or points that could present a hazard, as all glass edges will have been seamed (sanded to remove any sharpness). I have extensive experience working with these materials and structural details. I have a keen sense of organization and project management, and am conversant in a variety of durable materials. I'm highly proficient with CAD computer software to maintain the accuracy and integrity of design and fabrication.

B U D G E T

Artist's Fee	$25,000
research	
design development	
drawings / model / construction documents	
construction/installation supervision	
Artwork Cost	
materials	$35,000
fabrication	$25,000
shipment	$ 4,000
installation	$10,000
Consultants	
assistants	$20,000
engineering	$ 4,000
Miscellaneous Costs	
studio expenses	$10,000
insurance	$ 3,000
travel	$ 5,000
contingency	$ 7,000
documentation	$ 2,000

$ 150,000