

**studiotech**  
**PICCADILLY GARDENS**  
**MANCHESTER**

**CLIENT** Legal & General

**DESIGNER** SpaceInvader Design

**CONCEPT** 'Weave', designed by Space Invader in collaboration with Lazerian and Artin was designed to celebrate the city's rich industrial heritage, the installation aims to inspire a renewed sense of appreciation and respect for the structure, breathing new life into the space while connecting it to Manchester's history.



## ENGINEERING DESIGN

Studiotech led the engineering design and implementation of the RGBW light art sculpture.

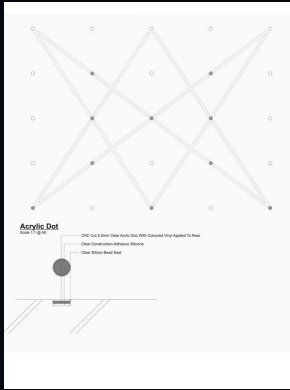
Working with the existing concrete structure presented unique challenges, requiring each star's knuckle and point to be aligned with the original indentations cast into the surface.

Additionally, the gentle curvature of the wall meant that every star had to be carefully faceted at the knuckle to match its precise angle.

The lighting system is programmed to respond to natural light cycles using an astronomical clock. The default warm white setting is fully dimmable, allowing precise control over brightness and smooth transitions.

To enhance the installation's versatility, Studiotech developed custom lighting scenes with dynamic colour combinations tailored for events such as Halloween, Christmas, Valentine's Day, and Pride.

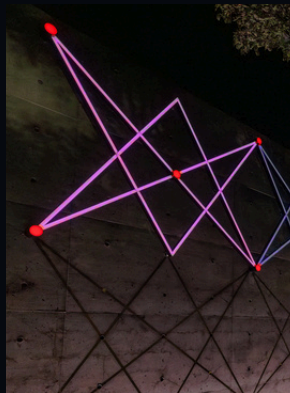
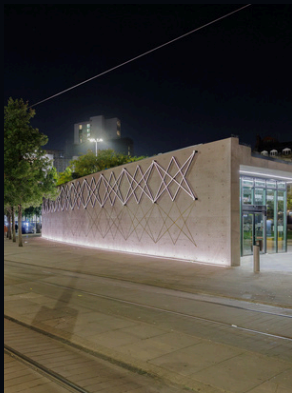
This adaptable design ensures the installation remains visually engaging and responsive to the changing atmosphere of the space.



## SOLUTION

Designed by Studiotech and fabricated by our partners at Sutton Creative, the bespoke installation utilises their versatile Lumescence product.

The sculpture is crafted from acrylic with a Secret Sign face that remains black when unlit, encased in a sleek, black-coated aluminium frame. This design choice creates a modern, minimalist look with a bold visual impact, ensuring the installation stands out both in daylight and when illuminated at night.



## EXPERIENCE

The light art installation offers passers by a striking visual experience both day and night. During the day, its sleek, modern design stands out, while at night, the lighting comes to life, shifting in colour and intensity.

The design pays homage to Manchester's industrial heritage, with its dynamic form and lighting echoing the city's history in textiles.

This experiential artwork encourages people to pause and engage with the changing light, creating an interactive and vibrant atmosphere that connects the space to the city's past.

