



City of Carmel OUTDOOR PLAZA

Application

A large LED video wall is part of the Midtown Plaza in the city of Carmel, Indiana. The LED wall is a unique piece, serving as a piece of art, an avenue for communication, and a source of entertainment. Neoti worked with an architect and CCS, the audio visual integrator, to supply a custom LED solution.



Product: Custom Eco Series

- Pixel Pitch:** 6mm
- Panel Resolution:** 80h x 80v pixels
- Brightness:** 6000 nits
- Refresh Rate:** ≥ 3840Hz
- Contrast:** 5,000:1
- Color Depth:** 14 bit
- Viewing Angle:** 160°h / 160°v
- Diode Type:** SMD 3-in-1
- Panel Weight:** 28 lbs.
- Panel Dimensions:** (WxHxD)
480 x 480 x 180mm

Custom Outdoor LED Video Wall for the City of Carmel, Indiana



The Challenge

Located in the Midwest, the customer wanted an outdoor LED video wall with a 16:9 aspect ratio, but also serve as a piece of art. This requirement was used to design a unique display using a non-rectangular shape. The team met several times to discuss specifications, review designs, and show product demonstrations. Understanding the customer's end goal was essential to providing the right solution.

Neoti's product approach is to gather the "4 Ds"; distance, domain, design, and details. In this example, the viewing distance would range from 30 feet to 200 feet depending on how the screen was being used. Neoti suggested a 6mm pixel pitch to provide the best experience for all instances. The second D is domain or environment. This application required a rugged panel that could withstand the harsh Midwest winters. The next element Neoti studied was the design. Design renderings conveyed a stair-stepped edge on both the top and bottom of the display, prompting custom-sized modules to accomplish the goal. Lastly were all the details- the content (communication, art, entertainment), structure, and media controller were all taken into consideration.

The Solution

Neoti designed a custom solution to match all the application's requirements. CCS was tasked with building out the frame according to design while meeting the details of the specs of the LED Video Display. An on-site survey was completed one month before install to ensure a smooth install. One of the customer's concerns was operation and maintenance. Neoti provided two 4-hour trainings for their users, as well as NeotiCare for additional support and maintenance.

"It was so easy to work with Neoti on a very challenging and unique project," said Rick Streb, CCS. "They were incredibly responsive and knowledgeable throughout the entire process."

The custom design, Neoti's LED video wall, and CCS's integration met the City's goal of having a piece of art and entertainment in one display. Within the display there is a 9 foot by 16 foot screen to maintain a 16:9 aspect ratio when displaying video. Most recently, they hosted an Indianapolis Colts football game viewing.

To learn more:

CCS
ccsavpro.com
800-742-5036



Working with Neoti

When you work with Neoti you'll receive the same service and support that CCS experienced. We're dedicated to working with integrators, architects, consultants, and designers to deliver the right solution. We offer installation services, extended warranties, service plans and on-site user training to ensure a successful project.