

SHOWCASE

Museum of the Future

Dubai, United Arab Emirates



The architectural brilliance of Museum of the Future cannot be missed when driving down Sheikh Zayed Road, the main artery of the city of Dubai. This circular structure conceptualized by Dubai-based architectural firm Killa Design features a canvas of Arabic calligraphy by Emirati Artist and Calligrapher Mattar Bin Lahej which spells out quotes by His Highness Sheikh Mohammed Bin Rashid Al Maktoum expressing his visions for the future. Museum of the Future is a sight to behold and is both an architectural and engineering marvel. The building is shaped like a human eye signifying envisioning the future while the void at its center represents the unknown, and the uncovered future. The green mound beneath the Museum of the Future represents stability. The vast amount of wildlife, plants and the eco-friendly approach of the mound reflects its sustainable significance.

One of the most striking features of Museum of the Future is the beautiful Arabic calligraphy across its facade that lights up to read quotes by the ruler of Dubai, word for word. This eye-catching feature was made possible with the use of Traxon e:cue's highly advanced lighting program system. Team Traxon e:cue was involved in the testing, commissioning, and programming of each quote and embellishment on the facade, with 3 quotes comprised of 38 words and 300 accents grouped separately with the use of the e:cue Lighting Control Engine 3 and Butler S2 to drive subtle faded effects that stress the importance of each verse.

Traxon e:cue also supplied the lighting and lighting control system for the calligraphy that runs across the ceiling of the ground-floor lobby of the museum. A total of 14,000 pieces of the Traxon Archishape Dot White were used here. Testing, commissioning, and programming for each individual Dot was provided, and these are controlled by the e:cue Lighting Control Engine 3, Butler S2 and DMX Splitters.

The lobby also features three panoramic bullet elevators, each with a 35-person capacity, that travel the full height of the building. Four pillars of undulating colored dynamic art adorn these elevators and are programmed to play various scenes of colorful light. This was made possible with the installation of Traxon Archishape Dot RGBW fixtures that are controlled by the e:cue Lighting Control Engine 3 and Butler Pro DMX.

Traxon e:cue's scope of work extends beyond the facade and interiors of Museum of the Future. The team was also involved in the testing commissioning, and programming of the strikingly colorful lighting on the Museum of the Future Link Bridge to the Jumeirah Emirates Tower. Here the e:cue Lighting Control Engine 2 MX, SYMPL DMX Node and SYMPL Serial Node were used.

"Throughout our partnership with Traxon e:cue, their team has consistently gone above and beyond in maintaining our system. Their proactive approach, and prompt response to any issues have been commendable. Not only does Traxon e:cue ensure that our system operates smoothly and efficiently, but they also prioritize customer satisfaction. Their outstanding work contributes to the museum's operational efficiency and overall success." – Ashish Lal (Head of Technical Services and Facilities, Museum of the Future).

"It was a pleasure to collaborate with Chris Coulter and Jenny Werbell of Buro Happold Lighting during the conceptual stage, on the several mockups and tests that led to the final system where the futuristic capabilities of Traxon e:cue products have been showcased so seamlessly. A big 'thank you' to the broader project team of Buro Happold Lighting, Killa Design and BAM International; and to North 25 and Dubai Future Foundation for entrusting us with the lighting and lighting controls needs at the Museum of the Future" – Oliveiro Rodrigues (Head of Sales – Middle East & India, Traxon e:cue).

Featured Products



Traxon Media Dot L



Traxon DOT L RGBW



e:cue Lighting Control Engine 3



Butler S2



Butler Pro



Lighting Control Engine 2 MX



SYMPL DMX Node and SYMPL Serial Node

Project Details

Category: Landmark

Location: Dubai, United Arab Emirates

Client: Museum of the Future

Architect: Killa Design

Lighting Designer: Chris Coulter

Completion Date: October 2021



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