

## CASE STUDY



## TRANSPORTATION



### OPPORTUNITY

Wanting to provide visitors a one-of-a-kind experience, the Tolerance Bridge required a dazzling lighting display that doesn't cause any glare for people using the bridge.



### SOLUTION

Deploying Martin Exterior Wash 310 fixtures across the bridge, Scientechnic LLC designed a brilliant lighting display that provides an unforgettable experience for visitors.

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We chose Martin Exterior Wash 310 fixtures because they are compact, energy efficient and offer superior, uniform color mixing right out of the box.”

### TOLERANCE BRIDGE, DUBAI

Tolerance Bridge is the first and only clear span suspension bridge in the Middle East. Named in honor of the International Day of Tolerance, the bridge offers pedestrians a 690-foot-long walking and cycling path over the Dubai Water Canal. The canal is a three-kilometer long project that extends from Business Bay to the Persian Gulf and runs through Safa Park and Jumeirah. The canal comprises of one shopping center, four hotels, 450 restaurants, luxury housing, and various green networks, which allow pedestrians complete autonomy from vehicular traffic.

In order to create an unforgettable experience for visitors, the Dubai Road and Transport Authority (RTA) hired Scientechnic LLC to design a lighting solution, which would make the bridge beautifully illuminated without causing any glare at the pedestrians using the bridge. Scientechnic consultant Christos Tsikiloudis worked with leading lighting solutions provider Martin Professional Middle East to design a captivating lighting display using Martin Exterior Wash 310 LED fixtures.

“Love and tolerance are bridges of communication and a universal language, binding humanity across different languages, religions and cultures,” said Sheikh Mohammed bin Rashid, Vice President and Prime Minister UAE, Ruler of Dubai. “Our UAE today is a light in a dark place, setting a bright example for others.”

Scientechnic selected 22 Exterior Wash 310 LED fixtures to illuminate the bridge for their compact, energy-efficient design and uniform color mixing. A discreet, optional snoot integrates seamlessly with the fixtures to help reduce glare. Exterior Wash 310 fixtures offer superior color mixing right out of the box with quad-color premixed LEDs. All fixtures are installed with the accessory honeycomb louvre to reduce the glare and improve visual comfort.



AKG

AMX

ESS



dbx



lexicon

Martin

Soundcraft

STUDER



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The system is controlled using M-PC, an online and offline editing tool for PC, which enables users to create stunning visual displays that enhance the arched structure of the bridge and make crossing a playful and interesting experience for any pedestrian.

#### PRODUCTS USED

**MARTIN EXTERIOR WASH 310**



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