

Rosco Case Study

A story from the Rosco Spectrum Blog



MBC Fills Its New Studios With Rosco LED Technology

The Middle East broadcaster MBC Group has opened new studios in Dubai, UAE and Riyadh, Saudi Arabia. Both studios utilized cutting edge technology – including Silk LED Soft Lights, Braq Cube WNC LED Fixtures and almost 4 km of RoscoLED Tape VariColor – to seamlessly integrate ancient traditions of Islamic architecture and contemporary design into their state-of-the-art broadcast facility.

MBC Dubai Studio City

MBC group recently converted a soundstage in Dubai Studio City into a TV studio complex that complements its headquarters in Dubai Media Center. The multi-level, 20,000 square foot facility consists of three broadcast venues dedicated to news, sports, children's and daytime programming.



RoscoLED Tape VariColor backlights a cyan wall panel and provides a glowing white border around the monitors

Through its Dubai based distributor, Oasis Enterprises, Rosco provided nearly 3km of RoscoLED Tape VariColor as well a number of Silk 210 LED Soft Lights and our Braq Cube WNC LED fixtures for the new MBC studio in Dubai. Oasis Enterprises was responsible for the supply, installation, testing and commissioning of all the Rosco products in the facility and shared photos and testimonials about the project.



Rosco Silk 210 LED Soft Lights provide even illumination, while RoscoLED Tape VariColor backlights the wall panels in lavender & white

Reels of RoscoLED Tape VariColor were installed to illuminate the set in vibrant, changing colours – creating a bright and modern look, while at the same time highlighting its classic Islamic design. The team at Oasis Enterprises chose RoscoLED Control Boxes to supply the power and control data because the unique Plug-&-Play connectivity between the RoscoLED Tape and the Control Box reduced their installation time by eliminating a lot of the in-the-field soldering.



Photos of the studio's colour-changing panels – backlit with RoscoLED Tape VariColor

The project was featured in an article from NewscastStudio who reported that the MBC set design was based on two traditional Islamic concepts – tessellation and subtractive form. Tessellation is an arrangement of shapes closely fitted

together in a repeated pattern without gaps or overlapping. This can be seen, for example, in the repeated X-pattern seen throughout the set, as well as the diagonal lines found in the backlit walls.



Textured wall panels backlit in red & white with RoscoLED Tape Varicolor

Subtractive form removes portions of a plane to alter its original shape and create segmentation. Throughout the MBC Dubai set there are openings, such as video walls, that break up the brightly lit plane of the textured walls.



The video wall next to the stairway breaks up the pattern of the textured, backlit walls

The project was also written up in BroadcastPro Magazine, who reported that “lighting plays a significant role in these studios. The Braq Cube provides a smooth effect for low-ceiling applications, while the flicker-free RGBW strip from Rosco illuminates the decorative set.”



Rosco Silk 210 and Braq Cube WNC fixtures light the low-ceiling kitchen-set on the right

MBC Riyadh

MBC also recently opened a new sports broadcast studio in Riyadh, Saudi Arabia for their MBC Pro Sports channel. This studio features similar design elements to the Dubai Studio City project. Using nearly 1 km of RoscoLED Tape VariColor, supplied and installed by Oasis Enterprises, MBC Group created bright, colour-changing backlit surfaces to provide a modern aesthetic for this state-of-the-art broadcast facility.



RoscoLED Tape VariColor fills MBC's Riyadh studio with bright vibrant colour



Karim Abdel Massih, Lighting Systems Manager from Oasis Enterprises explains why he chose RoscoLED Tape for the MBC studios: "I like the RoscoLED strips and the idea of RGB+W. I never hesitate to use Rosco products because of the support I get, especially from Andreas Dessloch (Rosco's Director of International Business Development), to make the job successful and my customer happy." If you are looking for an LED tape solution for your next studio design, be sure to visit www.rosco.com and explore the products MBC Group used inside its new studios.

Photos courtesy of Oasis Enterprises