



SHOWCASE

Capital Gate - Abu Dhabi, UAE



Capital Gate is an iconic 35-storey gravity defying tower, featuring the 5-star hotel Hyatt Capital Gate. The visually stunning tower has been built using some of the world's most advanced construction techniques and leans an astonishing 18-degrees westward. In June 2010, the Guinness Book of World Records certified Capital Gate as the "World's furthest leaning man-made tower."

Traxon & e:cue's lighting solutions and systems were chosen to accentuate the aesthetic splendour of the unique tower, making visible at night the exquisite relationships of iconic points, lines, angles, and surfaces. Selected for its powerful performance and bold, bright light output, 686 Wall Washer Shield XB RGB were installed - one fixture at the tip of each distinct diamond-shape on the tower's external façade - allowing a flexible yet durable integration with the structure. The fixtures enable rich, colorful illumination and are visible at long distances. The entire installation is orchestrated by an intelligent control system consisting of Butler and Lighting Control Engine (LCE), allowing pre-programmed lighting show to be automatically triggered via the engine's internal timelock and calendar settings. The control system also allows each Wall Washer Shield XB to be addressed fixture-by-fixture to allow replay and loop of dynamic lighting shows. From shifting colors and moving patterns, to symbolic scenarios, the lighting schemes enable Capital Gate to shine brilliantly, acting as a beacon to draw visitors to Capital Centre and symbolize UAE's structure and strength.

FEATURED PRODUCT



Wall Washer Shield XB-18 RGB

METHOD OF CONTROL



Butler



Lighting Control Engine (LCE)

PROJECT DETAILS

Category: Architectural
Location: Abu Dhabi, UAE
Client: Abu Dhabi National Exhibitions Company (ADNEC)
Architect: Robert Matthew, Johnson-Marshall & Partners (RMJM)
Lighting Designer: DPA Lighting Consultants
System Integrator: Cinmar Lighting Systems LLC
General Contractor: Al Habtoor Engineering
MEP Consultant: RMJM
Lighting Programmer: Traxon Middle East
Completion Date: Dec 2011

Traxon Technologies Ltd.

FLEXIBILITY, SIMPLICITY & INNOVATION IN LIGHTING SOLUTIONS & SERVICES

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