



# SHOWCASE

## Zhuhai Grand Theatre - Zhuhai, China



Rising out of an island in Zhuhai is a giant shell and also is a new landmark of the city – Zhuhai Grand Theatre. It is designed in the shape of two shells – one at 90 meters high and one at 60 meters high. They imply the scallop gives birth to a pearl while the sea gives birth to a scallop, which leads to the name Zhuhai – “Pearl and Sea” in Chinese. To deliver an unforgettable dynamic LED experience to the citizens and tourists of Zhuhai, over 1,014 pieces of Traxon Dot-XL 9 RGB in a total of 51,000 pixels are installed behind the double-sided perforated aluminum façade for video playback and different lighting themes. Due to its fan-shaped design, customized pitch in 600mm and 800mm are mounted along the shell. The fixtures are paired with 9 pieces of e:cue Butler PRO and 1 piece of e:cue LCE2-fx to allow programming and replay of images and animations, incorporating holiday theme graphics for specific seasoned celebrations.

### FEATURED PRODUCTS



Dot-XL-9 RGB

### METHOD OF CONTROL



Butler PRO



Lighting Control Engine  
2 fx



RDM Isolator

### PROJECT DETAILS

**Category:** Architectural  
**Location:** Zhuhai, China  
**Client:** ZJCG  
**Architect:** BAID  
**Lighting Designer:** Beijing YouYaShi  
**Technical Director:** SPEIR + MAJOR  
**M&E Contractor:** China Construction Eighth Engineering Division Co., Ltd  
**General Contractor / Installer:** Tsinghua  
**System Integrator:** Tongfang co., Ltd  
**Lighting Programmer:** Traxon China  
**Completion Date:** March, 2016