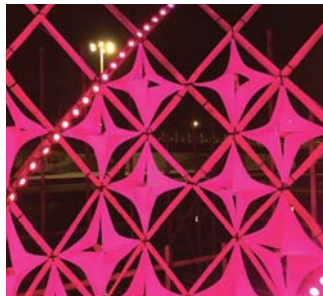




SHOWCASE

Bloom Pavilion – Macau, China



The Bloom Pavilion, a light art installation constructed from split bamboo rods and volumetric fabric panels, is a reinterpretation of the local building culture of bamboo scaffolding and the contemporary visual identity of Macau. Supported by Macau Foundation and Traxon Technologies, the Bloom Pavilion is designed and built by undergraduate architecture students from University of Saint Joseph. The Bloom Pavilion comprises three woven basket 'trunks' that merge into an overhead canopy with sandbags inside each one as seating area. The pavilion is illuminated in vibrant colors by 13 sets of Traxon Dot XL-9 RGB and 12 sets of String RGB at night. Featuring an interactive LED lighting system, the Bloom Pavilion is installed with motion sensors that cause the LED lights to change color and intensity as people move around the structure. The dynamic lighting effects are enabled by one e:cue control engines Butler XT2 and 7 pieces of Butler S2, and the intuitive control software Lighting Application Suite (LAS). LAS provides Mobile Action Pad control capability which integrates the system with a web server making it accessible via mobile devices. The dynamic LED lighting system synchronized with a sound installation create an inspirational experience for visitors. The Bloom Pavilion attracted many visitors during its exhibition period from May 24 to June 7 2014.

FEATURED PRODUCTS



Dot XL-9
RGB



String RGB

METHOD OF CONTROL



Butler XT2



Butler S2



Lighting Application Suite
(LAS)



Mobile Action Pad

PROJECT DETAILS

Category: Entertainment

Location: Macau, China

Client: University of St Joseph (USJ), Macau

Design: USJ undergraduate architecture students led by professors Jason Dembski and João Palla

Completion Date: May 2014

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