

lighting today

JANUARY - MARCH 2011



Lighting Showcase
A Dreamy Atmosphere
 at the Hengda Hotel

Cover Stories

THE i LIGHT MARINA BAY FESTIVAL

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 Centrepiece of the Illuminating York Festival

EXCLUSIVE! SHOW REPORTS

CHAMELEON AVL DESIGNS AN AWARD WINNER WITH DTS XR 1200 WASH LUMINAIRES

Being right along the Equator may be too humid for many, but there is probably no better location setting to hold an international garden show featuring 250,000 tropical and temperate plants.

The third Singapore Garden Festival (www.singaporegardenfestival.com) saw international garden and floral designers play host to over 300,000 visitors, who came to experience the eight-day event.

Singaporean landscape designer John Tan won the award for the Best of Show – Landscape Garden category for his garden display, 'The Tree House – Modern Kampong Lifestyle'. Also the founder and creative landscape director of Esmondland Landscape and Horticultural Pte Ltd, John Tan had called upon the talents of Alan Tham, Sales Director of Chameleon AVL Pte Ltd, to assist in simulating a day-to-night lighting effect by showing a sequence of sunrises to sunsets casting over the garden display.

Instead of using generic lights, Alan decided to use the DTS XR1200 Wash

luminares to create the colours and character for the desired effect: Six XR 1200 moving heads were installed on two 6-metre-long trusses that hung over both ends of the display area. Having used the XR1200 Wash in previous projects, Alan prefers using it for its high brightness, stable colour temperature and as an overall performer as a 1200W 'wash mover.'

To create the day scene from a sunrise to sunset, the sequence for the XR1200s was put on a timeline of seven minutes per cycle (3 min 30 sec as day scene) which Alan had programmed into a DMX Creator – a PC based lighting controller which was chosen because of its versatility, time-line and user-friendly features.

To augment the moving heads washes, OSRAM MR16 LED fixtures (with IP65 fittings) are also incorporated in the lighting design - the 'sunssets' having the MR 16s running on four sequences to light the: Inner garden, Outer garden, Bird's nest, and the perimeter of the display booth.

*This is a very challenging project.



Picture Credits: Chameleon AVL Pte Ltd
 The DTS XR1200 Wash fixtures are fixed on trusses above the garden display at the Singapore Garden Festival 2010.

Especially when working together with John Tan who is so dedicated to his design, but in the end, all our efforts paid off when John won the best of show award,' commented a very pleased Alan.

Staged biennially, the SGF will next return in 2012.