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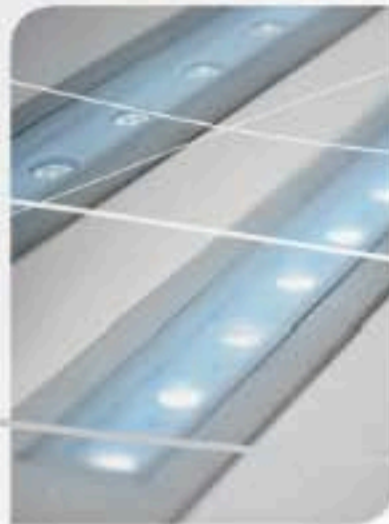
TERMINAL VELOCITY

AN EXCLUSIVE LOOK AT HEATHROW T2

International Arrivals

Heathrow

AIRPORT LIGHTING SPECIAL • KEVIN THEOBALD INTERVIEWED
50 PAGES OF LIGHT + BUILDING REVIEW



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GRIVEN comprehensive catalogue of outdoor, indoor and underwater LED lighting fixtures has become an inexhaustible source of inspiration for the most renowned lighting designers and architects the world over. Wherever sustainability, energy efficiency and indisputable performance are required, our products for modular, wall-washing, recessed, single pixel and façade lighting applications are always at the forefront.

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Contractors: Compagnie de Pétisbourg Photo: Eric Héranval LD: les éclairieurs

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SPECTACULAR SOCHI

A number of lighting projects were designed for the Sochi Winter Olympics / Paralympics held in February.

MegaFaces is a cross platform pavilion designed by British architect Asif Khan for MegaFon, one of the largest Russian telecommunications companies and a general partner of the Sochi 2014 Winter Games. The pavilion is essentially the world's first three dimensionally actuated large-scale LED screen. Each of the 11,000 actuators carries at its tip a translucent sphere that contains an RGB-LED light. The actuators are connected in a bidirectional system which makes it possible to control each of them individually, but at the same time also report back its exact position to the system. Each actuator acts as one pixel within the entire façade and can be extended by up to two metres as part of a three-dimensional shape or change colour as part of an image or video that is simultaneously displayed on the façade. The kinetic façade of the MegaFaces pavilion is able to transform in three dimensions to recreate the faces of visitors to the building.

www.asif-khan.com

Shaped like a fairy tale castle, the imposing Olympic Park hotel complex required an impressive number of LED lighting fixtures to achieve a breathtaking colour changing lighting scheme during the Games. 838 units of Griven Jade in RGB or warm white colour temperature, were chosen by lighting designers and installers Svetoservis-Kuban to highlight the architectural features of this fabulous mansion. 105 units of Griven Zaphir in both RGBW and warm white, along with 345 units of Micro-Clip MK2 WW and four Imperial 4000 searchlights, completed the massive dynamic lighting scheme supplied by Griven's Russian distributors DSL.

www.griven.com

The lighting design of the Sochi Winter Paralympic Ceremonies (produced by Balich Worldwide Shows) was by Durham Marengi. The lighting system was adapted from the Winter Olympic Ceremony design by Al Gurdon and was supplied by PRG including VL3500 Washes, Falcon searchlights, PRG Best Boys and Bad Boys, Robe Robin 1200, Atomic 3k Strobes, Chroma Q Color Blocks, CK Color Blast, Clay Paky Alpha 1500 Profiles, Sharpy Washes, Aleda K10 LED washes and over 300 Clay Paky Sharpys. The lighting had to co-exist with the field of play projections supplied by E/T/C and designed by Patrice Bouquenaux.

www.durhamid.com

Photograph: Ilya Varlamov

Photograph: Courtesy of Balich Worldwide Shows

Falcon Spelia Range A&O Technology

With an operating life of up to 50,000 hours and up to 165 lm/W, Spelia is currently one of the most energy-efficient lamps on the market. Suitable for a wide range of locations, including architectural installations, greenhouses, streets, places of entertainment, factories, offices and even residential buildings. The range is comprised of Spelia Arc, Spelia Green and Spelia Shot. Arc was specially conceived for outdoor architectural lighting while Green was developed for use in greenhouses. Shot has been designed with the film industry in mind.

www.aao-technology.com



Altair Havells Sylvania

This versatile and dynamic lighting system is available in three versions. Altair comes in wall mounted, adjustable spot/flood light or can be mounted onto a pole to provide light in every direction. The product is mechanical and thermal shock resistant and features a lumen output between and 875 - 3545lm, as well as 73lm/W.

www.havells-sylvania.com

Lightscan

ERCO

Lightscan lends a new flair to outdoor lighting and is effective indoors when applications call for a higher protection mode. High levels of luminous flux enable the illumination of buildings, walls or objects even where these are exceptionally tall or offer few options to position the projectors. A wide range of light distribution ensures that the light is projected only where it's needed. Lightscan is exceptionally weather-resistant, as its slim silhouette blends harmoniously with the surroundings. Its glass cover as a contributing factor looks the part, elegantly providing reliable protection.

www.erco.com



EXTERIOR

OMNIstar Schreder

OMNIstar provides an unrivalled combination of performance and flexibility for lighting areas where high lumen packages are needed (from 30 to 120,000lm) while offering maximum energy savings. It sets a new standard by offering a real alternative to high-power HID flood-lights (1,000 - 2,000W) with very narrow to wide light beams. This modular luminaire can be installed on a bracket of one, two or three luminaires. It provides exceptional light quality with a high visual comfort, excellent uniformity and optimum colour rendition. On-site adjustment guarantees the perfect lighting.

www.schreder.com



Ruby MC Griven

Ideal for spot lighting and wall grazing, Ruby MC is a newly engineered, rounded spotlight which houses six high power RGBW full colour, cold or dynamic white LEDs, as well as in-built electronics and a power supply unit. The colour changer configuration is based on an efficient combination of strikingly powerful RGBW full colour LEDs, while the cold and dynamic white set-ups feature an unprecedented white light output and a stunning visual rendering of warm tones, natural hues and cool shades.

www.griven.com

Tellus Bion Technologies

This is a versatile, high output, colour dynamic ground recessed fixture for architectural lighting applications. Featuring 4-in-1 RGBW chip technology, a particular highlight is the technical realization with light composition achieved within the fixture. This ensures the light transition surfaces show the same light colour as the beamed-at surface. Users will see the fully mixed light colour instead of the individual RGBW-LEDs. If required, 4976 lm will successfully flood surfaces.

www.biontechnologies.com

