



LUX REVIEW

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Cold play

WHY LED LIGHTING AT
HELSINKI'S ICE HALL IS PERFECT
FOR MODERN TV CAMERAS

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50 THINGS WE
LEARNED ABOUT
LIGHTING IN 2013

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LED DRIVERS

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REPORTS FROM LONDON, MOGADISHU,
EINDHOVEN, CAPE TOWN AND BERLIN

LEADING

LIGHTS

Indoors or out, in the home the shop or even the greenhouse, the latest lighting technology has plenty to offer

HIGH OUTPUT LED LUMINAIRE FOR

OUTDOOR RETAIL LIGHTING

Cree has launched a version of its Edge High Output (HO) LED luminaire with its TrueWhite technology. Aimed at external retail lighting applications, the luminaire has 90 CRI and a colour temperature of 5000K, which, says the company, will make retail displays more vivid and eye-catching at night. One of the luminaires can replace four metal halide fixtures, saving more than 70 per cent in energy consumption.

www.cree.com



AMBER LED LIGHTING PROTECTS SEA TURTLES

Lighting Science Group has developed a system of coastal lighting based on amber LEDs to protect sea turtles and other wildlife sensitive to natural white light. Traditional lighting in coastal regions attracts newly hatched turtles and disorients them, preventing them from reaching the sea. Amber light does not attract them and therefore helps to conserve sea turtle populations. The Coastal Light range is supplied in a variety of configurations and mountings and meets International Dark Sky Association requirements.

www.lsgc.com



ADJUSTABLE PROJECTOR

Lighting designer Stefano Dall'Osso and the B Light company of Friuli, Italy, have collaborated on the Mushroom projector for lighting in the home. It is available in a track version as well as wall and ceiling-mounted models. The track version focuses light on any part of the interior space. It comes in three sizes (medium, small and mini) and is made of aluminium.

www.stefanodallosso.it



WIDE SPECTRUM LIGHT FOR GREENHOUSES

Valoya wide-spectrum light boosts the growth of impatiens, petunia and geranium flowers when used as a supplementary light source. Valoya AP67 wide-spectrum LED lighting has tested alongside high-pressure sodium and narrow-spectrum red-blue LED sources from other manufacturers.

www.valoya.com



HIGH-PRECISION LED LUMINAIRES WITH PRIME COLOUR RENDERING

Wila has introduced LED downlights, spotlights and projectors that are adjustable for high-precision illumination. The Abet Focus series of luminaires is based on a lens-focusing unit developed by Wila which allows beam spread angles to be gradually adjusted on a sliding scale. Tilt angle is also gradually adjustable. Meanwhile the Abet Spectra range has colour rendering in excess of Ra 95, and red colour rendering greater than 90 for the colour temperatures 2700, 3000 and 4000K. The stylish appearance of the product has earned iF and Red Dot design awards.

www.wilalighting.com



SOLAR-POWERED LIGHTING IN A SINGLE UNIT

Steinel UK's XSolar LED luminaires are designed as complete units, combining solar panel, rechargeable lithium-ion battery and LED light. The panel is rotatable through 330 degrees with a built-in compass allowing for alignment to the south. This maximises the capture of solar energy, which is stored in the battery ready to power the LED lighting. A built-in PIR sensor ensures illumination only when needed. The pole-mounted XSolar GL-S is designed for pathways with a choice of three different mounting heights. The XSolar L-S is wall-mounted. Both units are available in white or silver.

www.steinell.co.uk

