

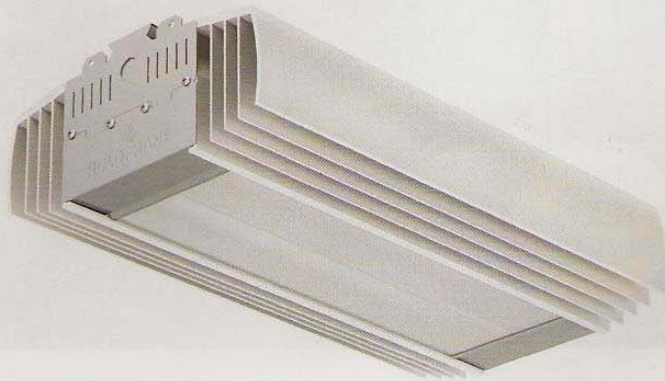
# Captains of industry

Lux picks out some of the latest low-energy luminaires for industrial use



## ↑ Gentle, comfortable light

Philips' GentleSpace LED high bay luminaire can directly replace HID high bays rated up to 400W, enabling significant energy savings. It's dimmable, and because it uses LEDs, it provides instant light, making it easy to control energy use. The GentleSpace luminaire comes in two sizes and there is a choice of optics that fill the space with a gentle, comfortable light. All versions include steady Gripple Y-fit hangers that can carry up to 45 kg for easy and secure installation. Find Philips at **stand B23** at LuxLive.

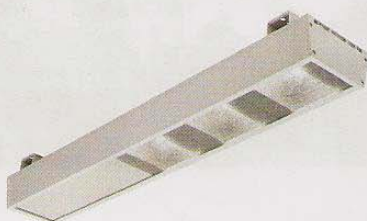


## ↑ Low and high bay LED luminaires from Holophane

The Proteon LED low and high bay luminaire from Holophane boasts high light output, controllability, long lamp life and easy maintenance. Proteon luminaires are available in 6,000, 12,000 and 18,000 lm versions with a colour temperature of 4000K and a number of reflector and lens options. They have advanced thermal management comprising an efficient heatsink, cooling slots in the body and sensors that ensure the LED board is kept at optimum temperature. Proteon is compatible with Holophane's Holo 2 controls package.

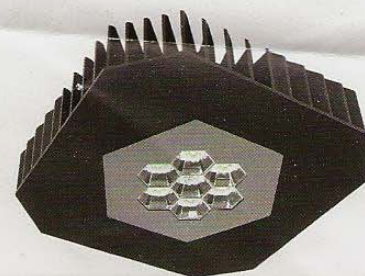
## ↻ Versatile industrial LED luminaire

Cooper Lighting and Safety's Litex linear LED luminaire has a small and robust die-cast aluminium housing, and is available with various lumen packages and reflectors. It is designed to be mounted at heights from 2.5 to over 14m, and operates at temperatures as low as -30°C. Sensors and dimming control gear are available. Find Cooper at **stand C21** at LuxLive.



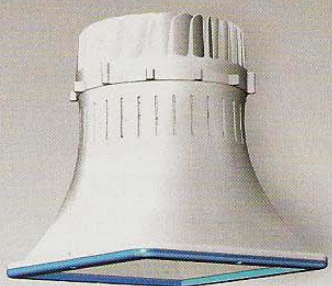
## ↻ LED low bay

OMS's LED low bay luminaire Grafias is designed for pendant and surface installation. Its output is 9,650 lm, and it can be mounted at higher positions to replace gas discharge lamps. The 92W luminaire powered by Cree's LED technology ensures big energy savings when replacing a 150W HID lamp. A colour rendering index of 70-80 makes the product suitable for indoor and outdoor applications.



## ↻ High-efficiency plasma high bay

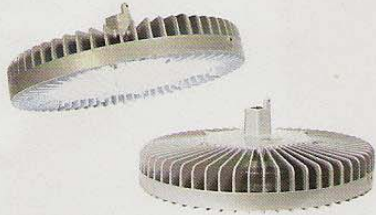
Ceravision's Generation 2 Alvara luminaire harnesses the latest high-efficiency plasma technology. The product uses electrodeless radio frequency technology to generate an intense bright light. Efficacy reaches 90 lm/W or higher, and optics help reduce the number of fittings needed by 30-40 per cent, so overall system efficacy is further improved. The Alvara will be on display at **stand D21** at LuxLive.



## ↻ High bay PIR sensor

Helvar will be introducing a high bay sensor at LuxLive that will enable lighting control in warehouses and other high bay applications. The sensor is a PIR presence detector with a mounting height of up to 15m and a 40m diameter range. Check it out at LuxLive, **stand E14**.



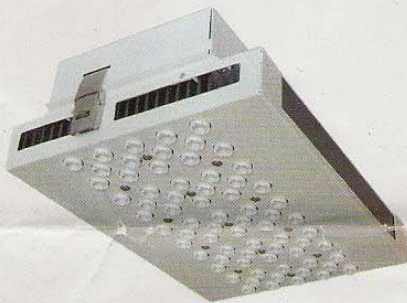


### High bay with 10-year warranty

Dialight's Durosite LED high bay luminaire is designed to replace conventional lighting in indoor and outdoor industrial applications. Its low-profile, lightweight design and versatile mounting options make it suitable for applications such as warehouses, garages, aisles, cold storage, bridges, tunnels and general area lighting. The 17,500 lm DuroSite products are supplied with an option to extend the standard five-year warranty to 10 years. The 10-year warranty relies on Dialight's new solid-state power supply technology, which is designed to guarantee long-life performance.

### Efficient LED low or high bay

Low Carbon Lighting's LuxOn Industry luminaire combines impressive optical performance with ergonomic design. Installation costs are low and the company says life expectancy is 100,000 hours. LuxOn Industry is suitable for high and low bay applications, has three optical distributions, an output of 4,000-13,000 lm and an efficacy of up to 89 lm/W. The Cree XP-G-powered luminaire uses up to 70 per cent less energy than conventional systems, and further savings can be realised using controls.



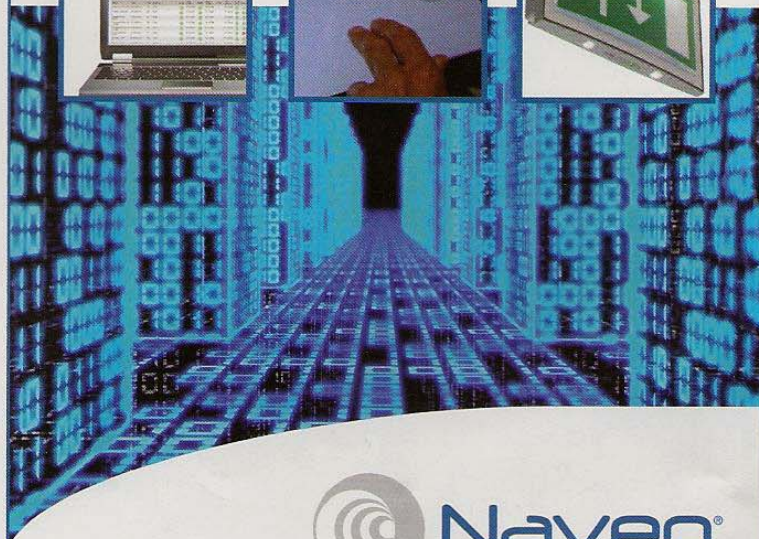
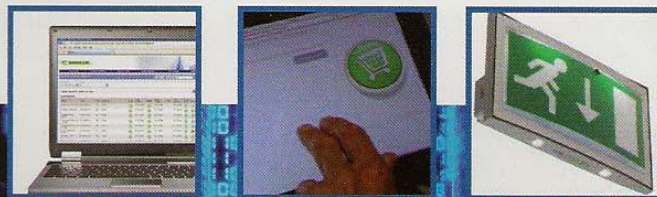
### Electronic ballasts for HID

As companies look at low-energy alternatives to HID light fittings, Dutch manufacturer Nedap urges them not to overlook the potential of electronic control gear. Nedap's 1,000-1,500W electronic ballast uses less energy than conventional magnetic ballasts and enables high-power metal halide lamps – common in hangars, shipyards and other industrial buildings – to be dimmed to 50 per cent in response to motion, daylight and time. Dimming cuts energy use and improves lumen maintenance. The ballasts can be used with Nedap's wireless controls. Find Nedap at stand D06 at LuxLive.



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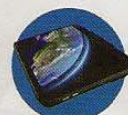


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## Thomas & Betts

Thomas & Betts Ltd, Emergi-Lite  
Bruntcliffe Lane, Leeds, West Yorkshire, LS27 9LL  
Tel 0113 281 0600 • Fax 0113 281 0601

• Email [emergilite.sales@tnb.com](mailto:emergilite.sales@tnb.com) • Web [www.emergi-lite.co.uk](http://www.emergi-lite.co.uk)