



July 2014

PERFECT PARKING FROM SYLVANIA

Sylvania is bringing new life to the car park at MOM Park Shopping Mall in Budapest, Hungary by upgrading the lighting scheme from LFL to energy-efficient LED. 1,700 Sylvania ToLEDo Superia T8 LED tubes have been installed across three levels of parking at the Mall, one of Budapest's largest shopping venues, to aid energy efficiency and create a safer environment for shoppers.

The shopping centre is open from 7am to midnight everyday so the car park is in almost constant use. The lighting needed to operate for long hours at time and that meant high electricity costs. The owners wanted to reduce the energy costs and decided the best way was to upgrade the lighting to LED. As well as finding a suitable LED lamp solution, the owners required a payback period of less than three years and wanted a warranty for lumen maintenance and the lifetime of the lamps.

The illumination levels in the car park originally were well above standard but the quality of light was poor. After investigating the options, the Sylvania ToLEDo Superia T8 LED tubes were selected as the ideal replacement by lighting firm Sysco-Lux Ltd. The tubes have low power consumption, a high lumen output of 3,200lm, a long lifetime of 50,000 hours and excellent lumen maintenance.

"The requirements for this project were very specific," comments Péter Moldován, Engineering Director at Sysco-Lux Ltd. "The lumen maintenance and lifetime had to be guaranteed in the contract and the price was also critical due to the strict payback expectations. The Sylvania ToLEDo Superia T8 LED tubes met the requirements on all fronts and offered the best lumen output on the market. The new lighting scheme is reducing the Mall's energy costs, providing better visual comfort for users and making the environment safer. Despite the lower lux levels the new design offers a much brighter light so there has been an improvement on the pictures relayed to the CCTV."

The innovative LED technology within the ToLEDo Superia T8 LED tubes has no warm-up time and emits no noise, problems which are often associated with traditional fluorescent technology. Furthermore, traditional fluorescent tubes do not work in extreme temperatures; by utilising LED technology new ToLEDo Superia T8 will work in temperature from -30°C to +50°C. With high resistance to switching loads, the ToLEDo Superia T8 offers a very flexible lighting solution, ideal for retrofit applications. The ToLEDo Superia T8 tubes have a high CRI of 80+ across all models, allowing for excellent colour rendering properties whilst emitting no glare, a significant step forward versus previous LED tubes.

Backed by a five-year manufacturer warranty, the ToLEDo Superia T8 LED tube has a 100° rotatable end cap, which enables light to be precisely targeted and furthermore acts as a locking mechanism to prevent movement when fitted. With a beam angle of 120°, the position of the lamp will remain the same ensuring light is delivered where it is needed, even when fitted in areas with high vibration levels such as car parks, warehouses or in trains.

For more information on Sylvania, visit www.sylvania-lamps.com.

-ends-

512 words

Editors Notes

About Sylvania Lamps from Havells Sylvania

The Sylvania brand is part of the Havells Sylvania Group and is one of the world's largest manufacturers of artificial light sources. It has a broad product offering that includes incandescent, halogen, CFL, HID and LED lamps, alongside various special products for the professional specifier. Sylvania lamps are distributed from stock, through national sales operations, as well as via individual countries' professional distribution channels such as wholesalers, specifiers and installers; as well as to the consumer via the retail channel.

Formed in April 2007, Havells Sylvania is owned by Havells India Ltd, a US\$ Billion plus company. With 94 branches and representative offices worldwide, and over 8000 employees working in more than 50 countries; Havells has grown rapidly since its humble beginnings in Delhi in 1958. Havells has eighteen manufacturing plants in India, Europe, Latin America and Africa; producing globally acclaimed products, including: switchgear, cables, wires, luminaires and lamps.

Havells Sylvania is a leading, full-spectrum provider of professional and architectural lighting solutions. Built on over a century of expertise in lamps and luminaires, Havells Sylvania supplies state-of-the art products and systems to the public, commercial and private sectors, worldwide. Havells Sylvania strives to deliver the finest products, service and consulting possible. All over the world, people rely on group companies: Concord, Lumiance and Sylvania, for top quality, energy-efficient solutions to suit their individual lighting needs.

www.havells-sylvania.com

www.sylvania-lamps.com

For further press information contact:

John Houston / Ruth Crisp, Wildwood PR: 01293 851115

John.houston@wildwoodpr.co.uk / ruth.crisp@wildwoodpr.co.uk