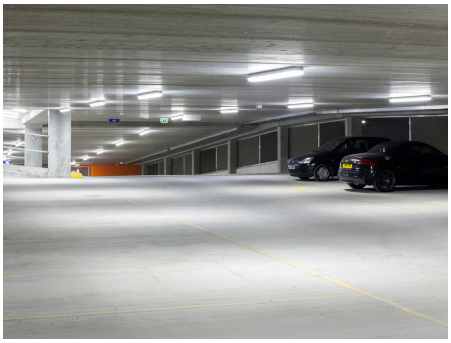
Concord *Lumiance* SYLVANIA

Efficient Car Park Lighting for Blackpool Hospital

Sylvania Sylproof Superia LED proves to be the perfect choice for Blackpool Victoria Hospital

The factors for selecting the right lighting for a car park environment include ensuring the right light levels for safety, correct fixture placement and overall energy consumption. When Blackpool Victoria Hospital was looking to build a new car park, the Sylvania Sylproof Superia LED proved to be the ideal luminaire to meet all these criteria for the lighting scheme.

The new car park was part of a larger £16.4 million development that improved access to the hospital and provided a new entrance facility. Incorporating a pharmacy, retail units, café, main reception, waiting area and offices, the entrance space is the main access point for patients, visitors and staff. A redesign of the internal road layout was necessary to create the multi-storey car park, which has 1120 spaces with staff spaces on the upper floors. With 80,000 attendances every year, the car park would be in constant use and required an efficient lighting scheme that did not need regular maintenance to keep it in working order. The original plans incorporated fluorescent lamps but during the construction phase it was agreed to change and to LED. The lighting was installed by Imtech Smith, one of the leading technical service providers in the UK and Ireland.



KEY FACT

Application: Blackpool Victoria Hospital

Location: Blackpool UK

Customer: Blackpool Teaching Hospitals NHS Foundation Trust

Installer: Imtech Smith

KEY OUTCOMES

- Energy Efficient
- Minimum maintenance required
- The luminaire is robust

by **FEILO SYLVANIA**

"We wanted to ensure the car park was as energy efficient as possible and so decided on LED fittings," comments Craig Harris, Senior Capital Developments Project Manager at Blackpool Teaching Hospitals NHS Foundation Trust. "Switching to LED was the obvious choice and the Sylvania Sylproof Superia LED answered all our needs. It has an excellent build quality and the light output is fantastic. We used the luminaire for all the indoor fittings in the parking areas and have reduced the energy costs and maintenance burden usually experienced with fluorescent fittings."

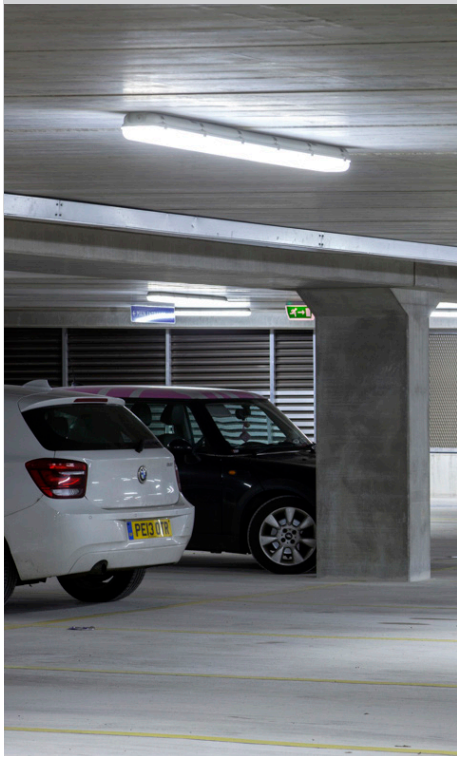
The Sylproof Superia LED is ideal for use within dusty or moisture-rich environments. The LED luminaires offer high levels of efficiency without compromising on light quality. Suitable for both retrofit and new build applications, Sylvania's Sylproof Superia luminaires are extremely low maintenance and cost effective with an average life of 50,000 hours. The luminaire benefits from a vandal and heat resistant polycarbonate body (IK08) with a diffuser offering IP65 protection and an impact rating of IK07. The diffuser's linear prismatic structure also optimises light output, while simultaneously reducing glare.

The Sylproof Superia LED comes in 12W, 24W, 40W, 48W and 80W (including 4ft and 5ft single and twin) options with three-hour emergency versions available as well. The 80W luminaire has a lumen output of 6880lm at 86.1lm/W and the whole range benefits from a 6,500K lamp colour.

For easy maintenance, the luminaire comes complete with stainless steel clips to retain the diffuser, and thus avoid the need to remove the whole unit when replacing a lamp. The Sylproof LED builds upon the popular Sylvania Sylproof Superia range, where various lamp types are available, including the T8, T5 FHE, T5 FHO and T5 single and twin lamp options.

KEY BENEFITS

- Robustness
- Low Maintenance
- Energy Efficient



About Feilo Sylvania

Feilo Sylvania is a leading, full-spectrum provider of professional and architectural lighting solutions. Built on over a century of expertise in lamps and luminaires, Feilo Sylvania supplies internationally state-of-the art products and systems to the public, commercial and private sectors. All over the world, people rely on gro up business divisions: Concord, Lumiance and Sylvania, for top quality, energy-efficient solutions.

www.feliosylvania.com

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