

Case Study

Raising the standard of multi storey car park lighting with a smart future thinking scheme.

▲ HANDYSIDE CAR PARK, KINGS CROSS

- 14 storeys, 129 apartments, 415 private and public parking spaces
- 100% LED multi storey car park lighting solution
- Titan with DALIPark controls





Since 2001, the King's Cross development partnership has planned, managed and delivered the regeneration of King's Cross – one of the most significant urban development projects in the UK.

Situated amidst the vibrant new city quarter of shops, restaurants and cultural venues is the Tapestry Building. Set alongside St Pancras Lock, the 14 storey Tapestry Building is an outstanding collection of 129, one, two and three bedroom apartments, townhouses and penthouses, of which 34 are for One Housing group. The development also boasts a multi-use games pitch, two retail units and a 415 space car park (public and private use), representing a new way of sustainable city living for today. The King's Cross development partnership worked with consultant Parking Matters and contractors Keir to select and install a smart lighting scheme for the car park – an area often over looked by designers.

David Swainsbury, King's Cross development partnership, Project Manager, explains

“When planning car park lighting we have to be careful to take into account not just the costs of running it, but also, the paramount consideration is the safety of all the users.”

“Ultimately we wanted a high quality lighting scheme which allows residence and shoppers to travel safely but also to save money in the operational running of the MSCP as an asset.”



Up to 89% energy savings



Saving 153 tonnes of carbon/year compared to fluorescents



Day light and occupancy controls with no manual intervention

Bright, safe and forward thinking

The King's Cross development partnership selected Nualight's robust Titan for LED car park lighting. Titan has been designed to facilitate smart lighting control, yielding excellent energy savings. Its batwing distribution ensures uniform illumination, offering a safe and enhanced user-experience in covered car parks.

David adds,

“One of the main features that impressed us was the DALIPark controls. It overcomes the typical cost and installation barriers associated with smart lighting controls in car parks. Time will tell, but we are expecting it to deliver exceptional lighting energy savings of up to 89% in comparison to the same scheme with fluorescent fittings. We even managed payback in under three years, which means that in no time they will be paying for themselves, an ideal solution for a car park being run as an asset.”

“This is the first time we have worked with Nualight and I have found them to be proactive in getting design work done and the assistance they have given us in ordering the correct fittings and quantities. Materials seemed to be readily available, with a fairly short lead-in time of 3-4 weeks. We are also impressed that the failure rate has been zero so far!”

Craig Stead, VP Sales - Commercial and Industrial, Nualight, further explains “The DALIPark controls enable light levels to be set optimally from the very start of the installation, this eliminates the all to frequent need to over light at the start of a products life, it then adjusts automatically to match daylight and occupancy levels. It's an “easy fix and forget” solution with little to no reliance on manual intervention.”

Rod Balcombe, Building Services Engineer, Kier Mechanical & Electrical, concludes

ALL SALES ENQUIRIES

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Energy Benefits

- Up to 89% energy savings
- Saving 153 tonnes of CO₂ per year compared to fluorescent alternative
- Day light and occupancy controls with no manual intervention
- Low maintenance solution



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