

A new exterior lighting scheme at Netherfield in Milton Keynes is using the new QSM™ street lantern from Holophane Europe Limited with remote monitoring to improve the illumination of the roads, redways and pathways on the residential streets.



Netherfield before



Netherfield after

Netherfield is positioned south of the City Centre on V7 (vertical on the grid system) and both the road layout and the housing is very geometrical. The area was built over five years starting in 1972 and was the largest rental scheme built in Milton Keynes. The housing is arranged in long terraces and is on two or three storeys with aluminium and timber cladding and there are large open spaces between the homes.



HOLOPHANE
LEADER IN LIGHTING SOLUTIONS

Part of the regeneration by Milton Keynes Council of the estates on the Southern V7 sector of Milton Keynes, the lighting has been replaced to provide a better lit environment for the residents and also to reduce crime, vandalism and maintenance costs on the estate. The Holophane sales team worked closely with Milton Keynes Council, the contractor Aylesbury Mains and electronic gear and remote monitoring manufacturer Selc to make sure that the products worked efficiently together on what is probably the largest site in the UK with remote monitoring, and certainly a first for Milton Keynes.

Experience shows that use of HF gear with inappropriate luminaires can lead to premature failure of the control gear due to overheating. This places a considerable maintenance burden on local authorities seeking to improve the performance of their street lighting through the use of modern control gear. To achieve the required results, Holophane supplied a re-engineered version of their popular QSM lantern after close co-operation with SELC the electronic control gear manufacturers. The resulting luminaire was a product which, through thermal engineering, keeps the electronic ballast and associated monitoring equipment at a suitably low temperature.

Testing was conducted in Holophane's own Nemko approved laboratory in front of everyone involved in the scheme, including the installing contract and ballast manufacturer. The resulting product, and associated monitoring equipment, allows the council to see any faults via an automatic reporting system, without "scouting" at night. It also allows variable light levels of the lamp at certain pre defined times which reduces energy consumption, greenhouse gases and at the same time reducing cost to the council. Holophane have now supplied significant numbers of both 35w and 70w versions of the product which are mounted on long life stainless steel conical tapered columns.

Holophane's new QSM luminaire offers a contemporary appearance, coupled with a choice of light distributions and lamp types to suit a variety of applications. It's precisely engineered reflector controls and directs the light, saving energy and costs by minimising waste and spillage. With no upward light, the curved glass version of QSM fully and complies with 'Dark Sky' requirements. Its durable construction, high maintenance factor and ease of maintenance take into account important issues of modern street lighting.



Netherfield before



Netherfield after

Lucy Needham, a Netherfield resident for the last 12 years who works for Holophane in its factory in Milton Keynes assembling luminaires, is impressed with the results.

“

She commented “The new lighting has made the area much safer and better place to live. With a street light immediately outside my house I used to get an orange glow coming through the curtains but, with the new lighting there is no shine back onto the house as the lighting only illuminates the roads and pathways. We don't get gangs of youths hanging round street corners since the installation and the old lamps used to get vandalised but the new ones haven't been touched. I strongly believe this lighting should be used on all the estates and walkways within the Milton Keynes area”.

”

Holophane Europe Limited
Bond Avenue, Bletchley, Milton Keynes MK1 1JG
United Kingdom

Telephone: +44 (0) 1908 649292
UK Fax: +44 (0) 1908 367618
International Fax: +44 (0) 1908 272029
E-mail: info@holophane.co.uk

www.holophane.co.uk

experience
lighting's
best®



HOLOPHANE
LEADER IN LIGHTING SOLUTIONS