



Case study Wigan Town Centre

Location
Philips Lighting

Wigan, Lancashire
Philips LED Lighting Solutions



PHILIPS



“Philips has provided us with a solution that not only helps to reduce the council’s carbon footprint, but one which delivers excellent lighting. The new LED lighting has helped to enhance people’s feeling of safety and security at night, while enhancing the new outdoor furniture, materials and improved architectural landscape we have invested in through our regeneration scheme.”

Keith Benson, Wigan Council’s street scene and lighting manager



Philips provides Wigan Town Centre with high quality, energy efficient and low maintenance LED lighting



Fast Facts

Customer

Wigan Council

Location

Wigan, Lancashire

Philips Products

SpeedStar Economy Line and GreenLine,

DecoScene LED

LEDline

LEDflood

Bespoke Wall Brackets

Configured for Central Management

Project in Partnership with

Wigan Council

Lighting Classes

CE1 and CE2

Background

Wigan Council needed a lighting solution that was energy efficient, low maintenance and provided a high quality light output. Energy savings are becoming an increasing priority for local councils as they look to cut costs and meet energy conservation goals. However, while councils look to environmentally friendly alternatives, resident, visitor and road safety remains key.

As a leader in LED lighting, Philips was able to address Wigan Council's needs by providing this historic town centre with highly efficient, long lasting and environmentally friendly SpeedStar luminaires. Not only does the SpeedStar benefit from an innovative carbon neutral design, but compared with conventional light sources, it provides significant energy savings. The SpeedStar also offers all the advantages of LED white light which not only plays a pivotal role in accident reduction but brings out the best in buildings, streets and other features of the urban nightscape.

The Solution

In an area with an active nightlife, the council wanted to ensure people felt safe walking through the streets after dark. Through superior colour rendering and a higher perceived brightness, the SpeedStar's white light makes it easy to recognise faces and distinguish objects. Furthermore, the quality of CCTV images is dramatically improved with white light; helping to deter criminals while assisting the police, and therefore bringing crime rates down. Improved visibility is also a major contributor to road safety, which was particularly important for an area with high traffic volumes.

The SpeedStar's long lifetime, coupled with the upgradable and easily serviceable LEDGINE technology means the solution requires little maintenance. This was crucial to an area that has a high volume of traffic, due to the high cost and level of disruption involved in traffic management.

Keith Benson, Wigan Council's street scene and lighting manager, says:

"Philips has provided us with a solution that not only helps to reduce the council's carbon footprint, but one which delivers excellent lighting. The new LED lighting has helped to enhance people's feeling of safety and security at night, while enhancing the new outdoor furniture, materials and improved architectural landscape we have invested in through our regeneration scheme." Philips' lighting scheme provided Wigan Town Centre with high quality, energy efficient and low maintenance LED lighting. Furthermore, the SpeedStar luminaire, which is compatible with a range of lighting regulation systems, was connected to a Central Management System to further enhance energy savings by ensuring the right level of light was being used at the right time. The central management system was therefore programmed to deliver reduced light output during the week and maximum output during the weekends, when night time activity is at its peak.

For this specific application Philips created a bespoke wall bracket for the SpeedStar to ensure the luminaire was fully supported and any vibration reduced. The bracket design also incorporated a drop down tray for easy service and maintenance.

If you would like to see more projects or have an enquiry, visit us at www.philips.co.uk/lighting or email: lighting.uk@philips.com



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