Case study
The Toffee Factory

Location	Ouseborn, Newcastle
Philips Lighting	Philips LED Solutions

PHILIPS

“Toffee Factory has amazing lighting and looks stunning at night, and what better way than turning our chimney into a giant ‘glow stick’ to raise awareness of Newcastle and Gateshead’s late night culture event, The Late Shows.”

Lisa Tolan, Centre Manager for Creative Space Management

Philips LED lighting products have played a key role in the exterior lighting of the triple RIBA award winning Toffee Factory development in Newcastle. Low energy, vibrant colours, controllability, flexibility, ease of installation and low maintenance were all key factors in the specification of Philips LED solutions.

Fast Facts

Customer
Creative Space Management
Location
Ouseborn, Newcastle
Philips Products
eW Graze Powercore
ColorGraze Powercore
Color Reach Powercore
Project in Partnership with
Stainton Lighting Design Services
Brims Construction Limited
LITE Ltd

Background

The Toffee Factory is the gateway development by Xsite Architecture of the regeneration of the Ouseborn area of Newcastle. It has turned the derelict Maynards toffee factory into high end office space, comprising 24 serviced offices aimed at high end creative businesses.

In addition, the areas can be used as artistic spaces and the Toffee Factory has already been involved in cultural events where the exterior lighting plays a key role. For example, it was one of the venues of The Late Shows 2012
'culture crawl' around Newcastle and Gateshead in May, with the Late Shows logo projected onto the Toffee Factory's 30m high chimney.

The solution

Lisa Tolan, Centre Manager for Creative Space Management, which acts as managing agent for Newcastle City Council, commented: "Toffee Factory has amazing lighting and looks stunning at night, and what better way than turning our chimney into a giant 'glow stick' to raise awareness of
Newcastle and Gateshead's late night culture event, The Late Shows."

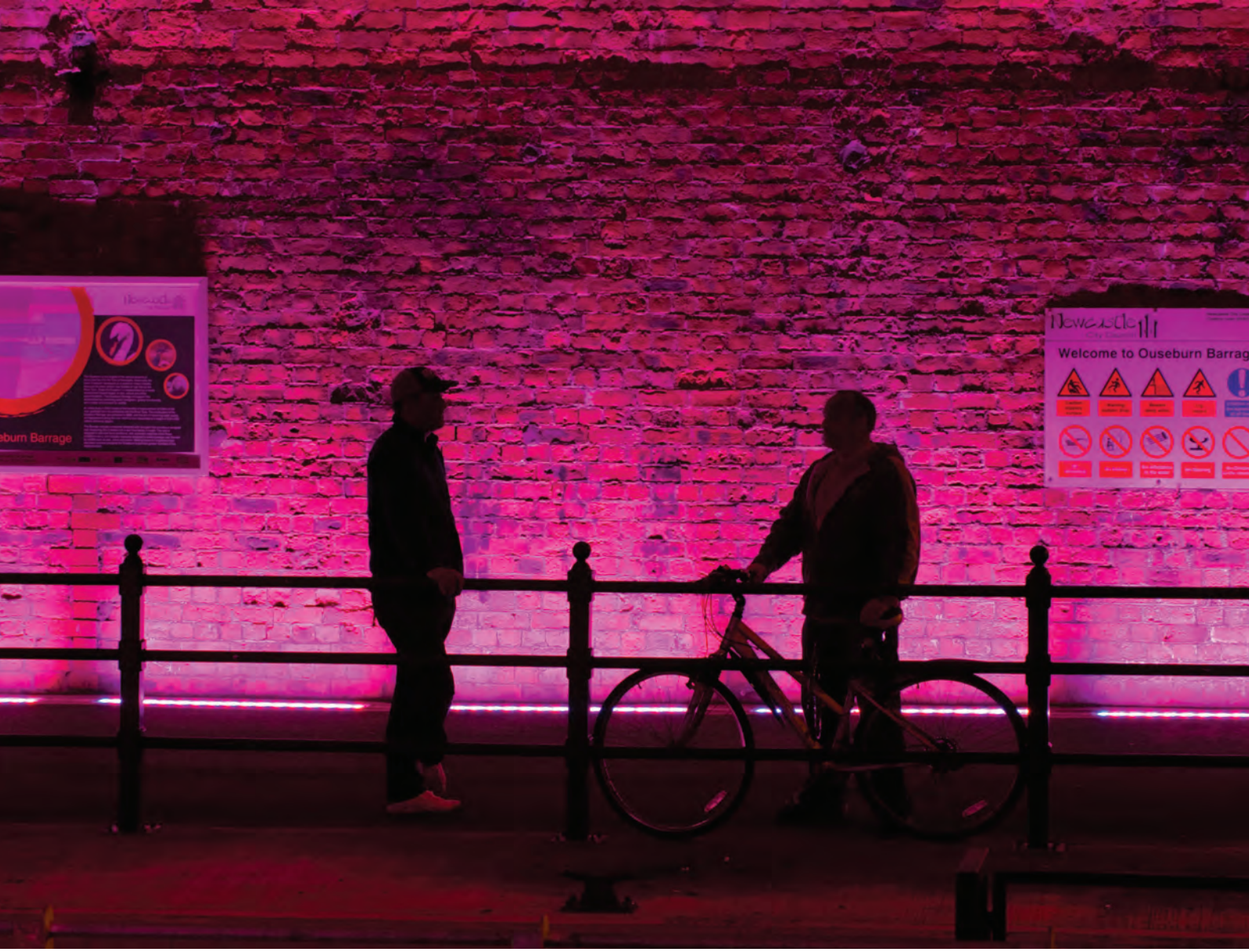
The lighting was designed by Stainton Lighting Design Services and Philips LED products were selected to provide the colour changing effects for the chimney and four arches on the site. These include recessed ColorGraze PowerCore linear fittings in the arches to provide surface grazing and
wall-wash lighting. ColorGraze fittings are fitted with red, green and blue LEDs with 30x60 degree beam angles to provide an almost infinite choice of colours with a high level of saturation.

"The ColorGraze is the best quality product of this kind on the market and, thanks to the PowerCore system, it also addressed many of the installation issues we faced with this project," Stainton's Anthony Smith noted. "Philips were also very helpful in providing excellent sample equipment for a demonstration so that we could give the client a clear picture of what the final effect would be," he added.

Providing uplighting to the chimney are surface-mounted ColorReach PowerCore floodlights, again using red, green and blue LEDs. The wide choice of beam angles made it easy to achieve a very precise light distribution.
The long life of the LED light sources means the floodlights are unlikely to require maintenance during the lifetime of the installation, so there is no need for their ingress protection to be compromised.

In addition to the colour changing LEDs, Philips eW Graze Powercore linear LED fixtures were used to illuminate the tops of the building. These feature low profile housing and flexible mounting options to facilitate discreet placement that blends with the architectural elements.

All of these fittings make use of the integrated Philips PowerCore wiring system, which ensures rapid, efficient and accurate control of power output to the fixture directly from the line voltage, eliminating the need for external power supplies.



www.philips.co.uk/lighting

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