

PHILIPS
LITE



Case study

Outdoor lighting

Urban styling

Case Study

Littlehaven Promenade

Location: Littlehaven, South Tyneside, UK
Philips Lighting: Complete lighting set solutions
& architectural floodlighting



Fast Facts

Customer
South Tyneside Council

Location
Littlehaven, South Tyneside, UK

Philips Products
[Milewide LED with bespoke column solution](#), [Decoscene](#), [ColorGaze](#),
[ColorBlast](#)

Services Provided
Lighting Survey, Installation, Commissioning

Project Partners
Balfour Beatty, LITE



Background

The creation of a new promenade and sea wall at Littlehaven in South Shields has made highly effective use of lighting to create a greater sense of place and enhance the experience for people using the amenities.

As the previous coastal defences at Littlehaven reached the end of their serviceable life, South Tyneside Council saw an opportunity to not only create a new and more effective coastal defence but also to improve facilities for local residents and visitors. This has involved the development of a broader amenity beach with a wide and accessible coastal promenade featuring meandering pathways throughout the scheme.

There are also areas of interest along the length of the promenade using bespoke seating, street furniture and public artworks, enhanced by a lighting design that washes the promenade with a range of colours to create a spectacular night-time coastal experience.

“ Using the Pharos control system the Council can **create lighting scenes to complement particular events or times of the year**, or simply to bring the area to life with a pre-defined colour changing sequence.”

Mike Smith
Project Manager, Balfour Beatty

The Solution

From the early stages of the project a decision was taken to make use of the latest LED lighting technologies to take advantage of their controllability, energy efficiency and long life.

“It was clear that LED lighting would meet our criteria for reducing energy consumption, carbon emissions and life-cycle costs while enabling us to make use of colour-changing effects,” explained the Council’s Head of Development Services George Mansbridge.

Working to the Council’s concept design Balfour Beatty Living Places, South Tyneside’s PFI street lighting contractor, then produced a detailed lighting design. “We worked closely with Philips Lighting to select the most appropriate columns, fittings and light sources to meet the criteria for both the general walkway lighting and the colour-change system,” recalled Balfour Beatty Project Manager Mike Smith.

Philips Milewide LED lanterns have been used to provide general lighting along the length of the promenade and car parks, mounted on curved columns – also supplied by Philips – that are redolent of the waving of seagrass blades. Each of the Milewide fittings has been fitted with dimmable drivers so that the general lighting can be dimmed during light shows and also at quieter times of the night to save energy.

The colour-changing lighting effects are provided by ColorBlast fittings attached to the lighting columns. “Using the Pharos control system the Council can create lighting scenes to complement particular events or times of the year, or simply to bring the area to life with a pre-defined colour changing sequence,” Mike Smith continued.



In addition, the two works of art specially commissioned for the Littlehaven promenade have their own dedicated lighting, using a Philips Decoscene fitting for the ‘Eye’ and Recessed ColourGraze for the ‘Sail’.

In bolstering the sea defences at Littlehaven, South Tyneside Council has also created a brand-new amenity for this popular resort, combining engineering functionality with exemplary aesthetic design that has created an inviting attraction for people to use throughout the year.

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



Products above: ColorBlast, ColorGraze, DecoScene, Milewide LED



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