

Case study

Brighton Marina



Location
Philips Lighting

Brighton, UK
Blast Powercore/ LEDline²



PHILIPS



The depth and breadth of the Philips portfolio provided a winning blend of performance and style, combining efficient functional and decorative lighting solutions that met the requirements of the many external application areas involved.

New lighting creates signature look and feel for Brighton Marina, whilst significantly reducing energy.



Fast Facts

- Customer
X Leisure
- Location
Brighton Marina
- Philips Products
Blast Powercore/ LEDline²
- Project Partners
West Sussex Sustainable Partnership
Mega Supplies Ltd
William Reynolds Electrical Services

Background

Brighton Marina, the UK's largest marina complex, boasts a 500,000 sq. ft. retail, leisure and residential development that attract over 8 million visitors a year. Recent improvements to attract visitors and encourage new business have embraced an energy efficiency strategy to capitalise on the Marina's strong shop, eat, drink, play, stay offer and enhance its welcoming, vibrant atmosphere.

Lighting has been used to great effect throughout the leisure and shopping areas of the centre to give the location a distinctive and desirable identity whilst providing the essentials for a safe and secure environment; firmly placing Brighton Marina as one of the city's top attractions within Brighton & Hove.

The Solution

X Leisure part of the Land Securities Group, the owners of the shore-side commercial area at Brighton Marina, have a strong commitment to energy efficiency and environmental best practice. When developing the Brighton Marina lighting master plan a key goal was to find a sustainable lighting solution that would deliver significant energy savings without compromising on light quality or design. The depth and breadth of the Philips portfolio provided a winning blend of performance and style, combining efficient functional and decorative lighting solutions that met the requirements of the many external application areas involved. All Philips fittings were installed by William Reynolds Electrical Services and supplied by Mega Supplies Ltd., a preferred distributor for X Leisure.

Reflecting the existing colour palette of the brand, a mix of blue and white lighting have been used to give the area its own signature look and generate an inviting atmosphere. To accentuate the MSCP towers and the shopping centre, a combination of Blast Powercore, an LED lighting fixture providing a high intensity wash of light, and LEDline², a high performance linear grazing light, have been used to bathe them in blue. This effect has been combined with lighting existing public realm features, such as Palm Drive's imposingly illuminated palm trees, to give the ambiance of a resort destination, a place to enjoy, have fun and relax.

To aid navigation, discreet and durable recessed LED markers have been seamlessly integrated into the walkways to provide a soft blue light which improves visibility and creates a sense of safety. Additional ambient light has been created by using LEDline² to wash the railing and benches in cool blue.

In keeping with the regency style synonymous with Brighton & Hove, heritage luminaires were used in the shared residential commercial areas. Combining classic lantern designs with modern optics and technologies allowing for energy savings, the Buckland luminaires complemented the design blueprint of Brighton Marina. The new lighting has been positively received by residents and visitors.

The storybook continues with further lighting initiatives planned in 2014 and more significant energy efficiency measures already scheduled. Brighton Marina is one of many projects Philips has been involved in within the Brighton area, including the upgrading of the seafront lighting and the transformation of the iconic Royal Pavilion.

Life Cycle Savings

Since 2008 the management team have reduced their annual electricity usage by 45,129 kWh, 24 tonnes CO₂. In the 1500 space car park these savings have amounted to more than £150,000 over the last few years. This has seen Brighton Marina successfully share its sustainability journey with local businesses via a case study by the West Sussex Sustainable Partnership; and active participation in sustainability forums.

The use of LED has allowed for increased flexibility plus provided additional energy saving opportunities. For example Philips Occuswitch, movement sensors that automatically turn lights off when a space is unoccupied, have been used in the service yard and corridors. The investment in LED has been key in creating a sustainable lighting scheme that has truly enhanced the appeal of the destination.

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



Contact details:

Guildford
Philips Lighting
Philips Centre
Guildford Business Park
Guildford, GU2 8XH
Tel: 0845 601 1283

Dublin
Philips Electronics Ireland Ltd
Philips House
South County Business Park
Leopardstown
Dublin 18
Tel: +353 1 764 0000

Email: lighting.uk@philips.com
www.philips.co.uk/lighting



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