# Case study

# Brighton Marina

Location | Brigh Philips Lighting | Blass

Brighton, UK Blast Powercore/ LEDline<sup>2</sup>







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.



# 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 Brighton area, including the upgrading of the seafront lighting and the commercial area at Brighton Marina, have a strong commitment to energy transformation of the iconic Royal Pavilion. efficiency and environmental best practice. When developing the Brighton Marina lighting master plan a key goal was to find a sustainable lighting Life Cycle Savings solution that would deliver significant energy savings without compromising Since 2008 the management team have reduced their annual electricity on light quality or design. The depth and breadth of the Philips portfolio usage by 45,129 kWh, 24 tonnes CO2. In the 1500 space car park these savings provided a winning blend of performance and style, combining efficient have amounted to more than £150,000 over the last few years. This has functional and decorative lighting solutions that met the requirements of the seen Brighton Marina successfully share its sustainability journey with local many external application areas involved. All Philips fittings were installed by businesses via a case study by the West Sussex Sustainable Partnership; and William Reynolds Electrical Services and supplied by Mega Supplies Ltd., a active participation in sustainability forums. preferred distributor for X Leisure.

Reflecting the existing colour palette of the brand, a mix of blue and white energy saving opportunities. For example Philips Occuswitch, movement lighting have been used to give the area its own signature look and generate sensors that automatically turn lights off when a space is unoccupied, have an inviting atmosphere. To accentuate the MSCP towers and the shopping centre, a combination of Blast Powercore, an LED lighting fixture providing a key in creating a sustainable lighting scheme that has truly enhanced the high intensity wash of light, and LEDline<sup>2</sup>, a high performance linear grazing appeal of the destination. 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 If you would like to see more projects or have an enquiry, please visit us at illuminated palm trees, to give the ambiance of a resort destination, a place www.philips.co.uk/lighting or email: lighting.uk@philips.com to enjoy, have fun and relax.

# Fast Facts

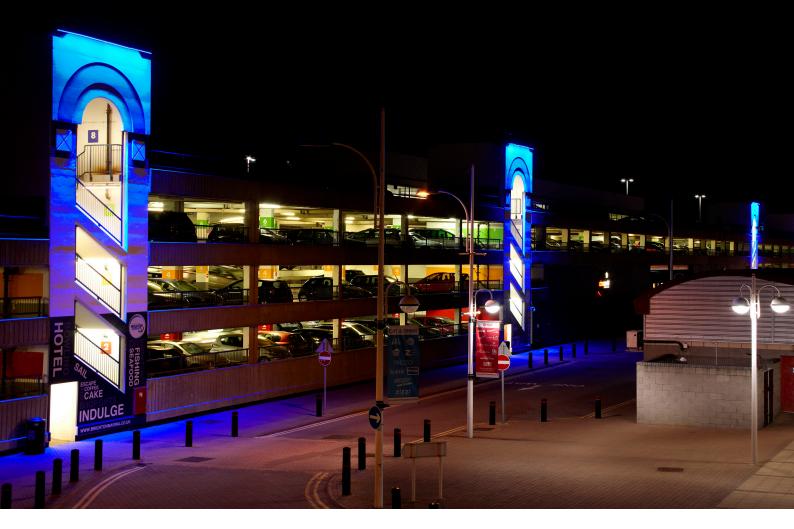
Customer X Leisure Location Brighton Marina **Philips Products** Blast Powercore/ LEDline<sup>2</sup> Project Partners West Sussex Sustainable Partnership Mega Supplies Ltd William Revnolds Electrical Services

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 LEDline<sup>2</sup> 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

The use of LED has allowed for increased flexibility plus provided additional been used in the service yard and corridors. The investment in LED has been



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