

# Twin Sails Bridge, Poole

## LED Handrail Lighting Scheme



### Background

The Twin Sails Bridge was the first bridge of its type to be built and was chosen to symbolise the aspirations of the town of Poole and its maritime heritage. This is reflected in the world class design with its two triangular shaped lifting leaves symbolising the sails of a yacht.

The brief was to design, manufacture and install a stainless-steel balustrade system, with intelligent DMX controlled and fully IP rated integrated LED lighting, that would blend with the design of the bridge itself.



### Solution

A balustrade system was manufactured from 316L marine grade stainless steel and comprises profiled twin flat uprights, Ø6mm wire rope infill and a Ø60.3mm stainless steel handrail which incorporates the bespoke LED lighting system which is a DMX controlled, fully IP rated system tailored specifically to suit the local environment.

Incorporating RGB LEDs, the lighting was programmed to sequentially change colour to suit the movement of the lifting spans.

### Outcome

This installation was recognised as a world class project and magnificent testimony to British Engineering when the Twin Sails Bridge was commended at the 2012 LUX awards for Architectural Lighting Project of the Year.

**For more information**



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