



Lighting and Illumination Technology Experience
Limited



Case Study

Smeaton's Tower

Information

Client: Plymouth City Council

Location: Plymouth

Products Used: Decoscene LED

Controller Used: Pharos

This iconic lighthouse has significant local importance and has stood on the Hoe protecting ships and sailors navigating the tricky waters surrounding the Plymouth harbour.

The current building is a copy of the original Eddystone construction which was built in 1759. The position of the tower is extremely prominent and is featured in many promotional hospitality posters and brochures encouraging visitors to this historical city that also led the ships departing via the Mayflower steps west to America.

The tower has been temporary lit for such events as MTV awards in the past using 16 x1KW floodlights with all the Health and Safety operational issues and disruptions and high costs a more permanent solution was required.

The initial brief for just white light was changed on the night of a full demonstration to the entire council to that of fully addressable RGB luminaires. Luckily LITE had sufficient RGB products on the night to win over the council members who immediately pushed the button to complete the project. The location on the Hoe led LITE to a fully recessed in ground proposal using 12 decoscenes with medium beams and to be adjusted on site to highlight the unique convex shape of the tower. Additional graze and cove products in cool white illuminate the lantern whilst meeting all the planning and listed building consents



The resultant scheme was finally shown to crowds of local people on the evening of April 23rd and instantly caused a buzz on social media all reporting how great it was to see the iconic building finally permanently lit in all its grandeur.

Total power consumption of the scheme is only 636w plus the low maintenance and ease of use adds to the complete satisfaction and expectations of the council members





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