



Lighting and Illumination Technology Experience
Limited

Architectural



Case Study

Redcar Beacon



Redcar Beacon, North Yorkshire, UK

The Redcar Beacon is an 80ft tower originally known as the vertical pier, built in the town of Redcar as part of the area's wider seafront regeneration scheme. Housing a café, office space radio station and a viewing platform, the £1.6m tower is the town's tallest structure, spread over seven floors.

Having been opened in 2013 as part of the £75m redevelopment of the Redcar seafront with lighting design by Arups of Sheffield, the Beacon required some upgrade work to its lighting system. Having previously worked with LITE, Redcar and Cleveland Council appointed the company to replace the outdated fittings and bring back the original spectacular lighting effects. The Redcar Beacon forms part of a light installation that runs the full length of the seafront to the bandstand.

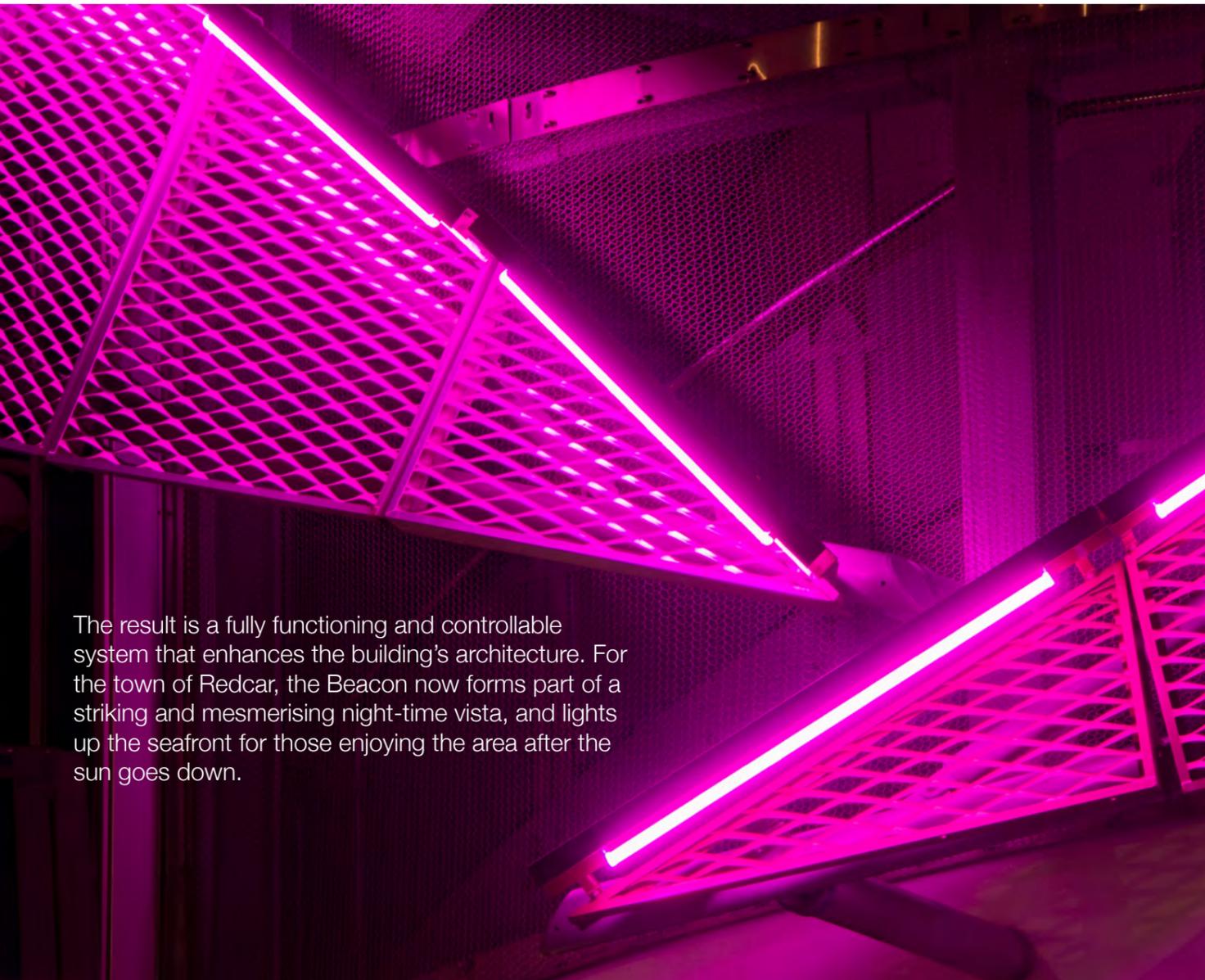
LITE needed to ensure the new system was low-maintenance, and could be accessed remotely to upload new lighting scenes. The installation was completed by construction specialists Bouygues and jointly commissioned prior to Xmas 2019 in a very short period of just 4 weeks.

LITE specified the iColor Accent Compact RGBW, from Color Kinetics. This high-resolution direct view linear LED luminaire, is ideally suited for designed effects in architectural settings. RGBW adds a separate white LED, delivering better quality whites when compared to RGB.



The durable nature of the iColor Accent Compact also made it the ideal choice for the Redcar Beacon. The IP66-rated luminaire is designed to meet the demands of outdoor applications. The aluminium housing resists shock, vibration, and other forms of unforgiving conditions.

The controls are by Pharos, another brand that forms part of LITE's carefully curated portfolio of market leading products. In the shelters on the seafront, LITE supplied Color Kinetics Flex LMX; exterior flexible strands of high-intensity nodes with intelligent RGB light. The installation was completed by construction specialists Bouygues.



The result is a fully functioning and controllable system that enhances the building's architecture. For the town of Redcar, the Beacon now forms part of a striking and mesmerising night-time vista, and lights up the seafront for those enjoying the area after the sun goes down.





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