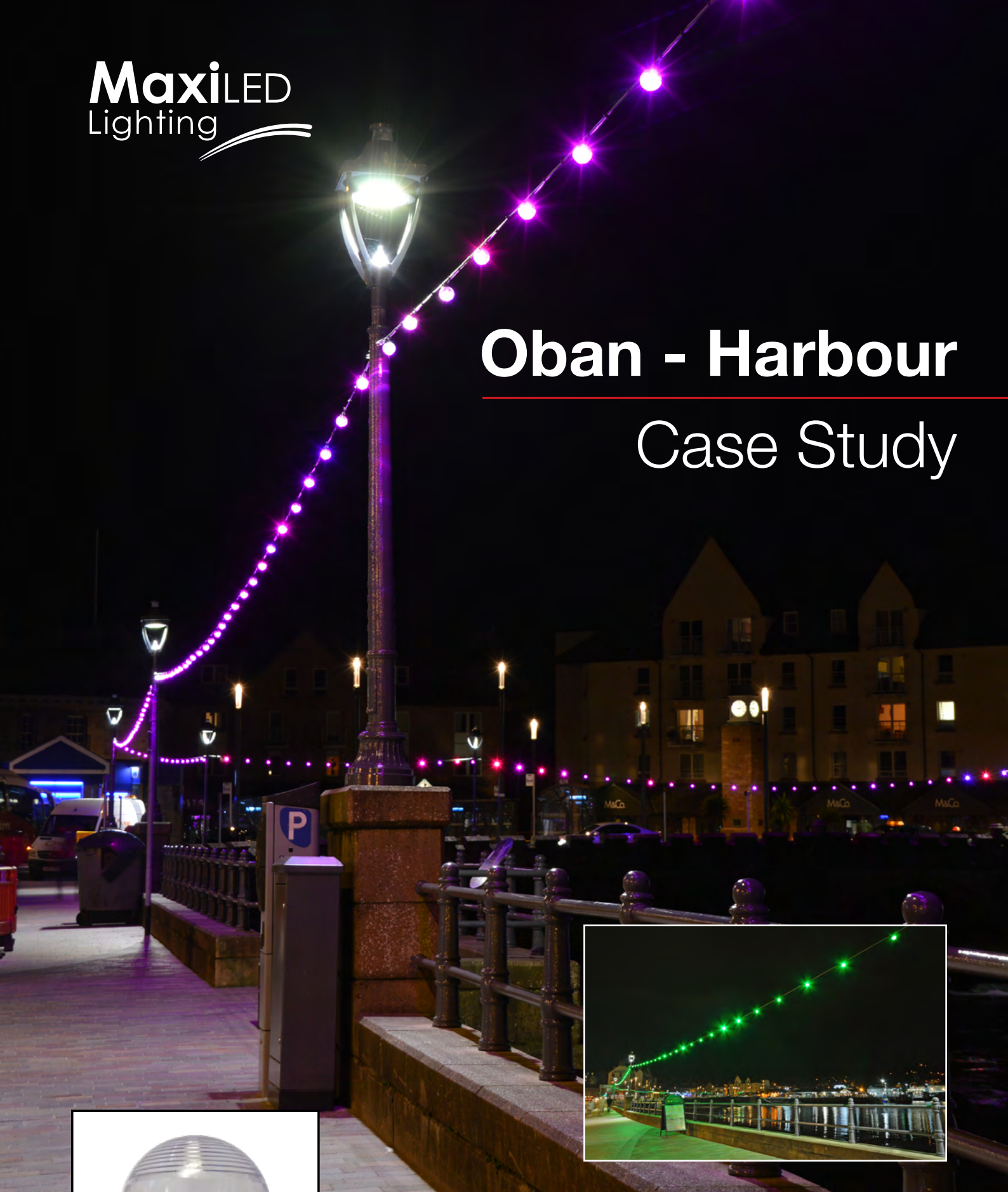


Oban - Harbour

Case Study



2 Core
Data over Power



DMX
RGBW



Information

Client: Argyll & Bute council - United Kingdom

Location: Oban, Scotland - United Kingdom

Products Used: MaxiLED Large Globe RGBW DMX

Controller Used: iPlayer 3

Technology



Data over Power distribution
to the fixtures



2 Core
Data over Power



DMX RGBW
Controllable



Environment:
Dry, damp and wet locations (IP68).



Power Output:
48VAC with combined data over
line voltage.



Watts:
2.35W per Globe at full RGBW on.



Light Source:
CREE LED's with red, green, blue and
white dies.

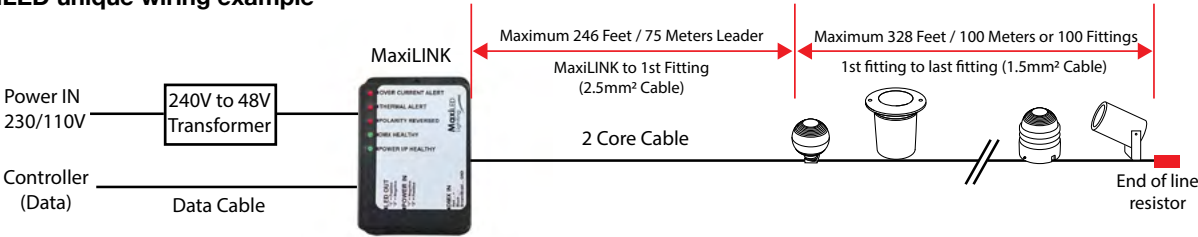


Cable/Run Lengths:
100 Globes per strand.
175m (574ft) maximum strand length.
75m (246ft) maximum length
for leader cable to first fitting.



Listings:
UL/cUL, CE, FCC, IK07 impact
protection, BS EN 60598, IEC 60598

MaxiLED unique wiring example



Background

Oban is a resort town located in Argyll & Bute council area on the West coast of Scotland. It is the main ferry access route to the western islands of the Inner & Outer Hebrides. Its population of 8500 can grow to in excess of 25,000 during the summer months when mainly foreign tourists flock to the town to board onward ferries for holidays.

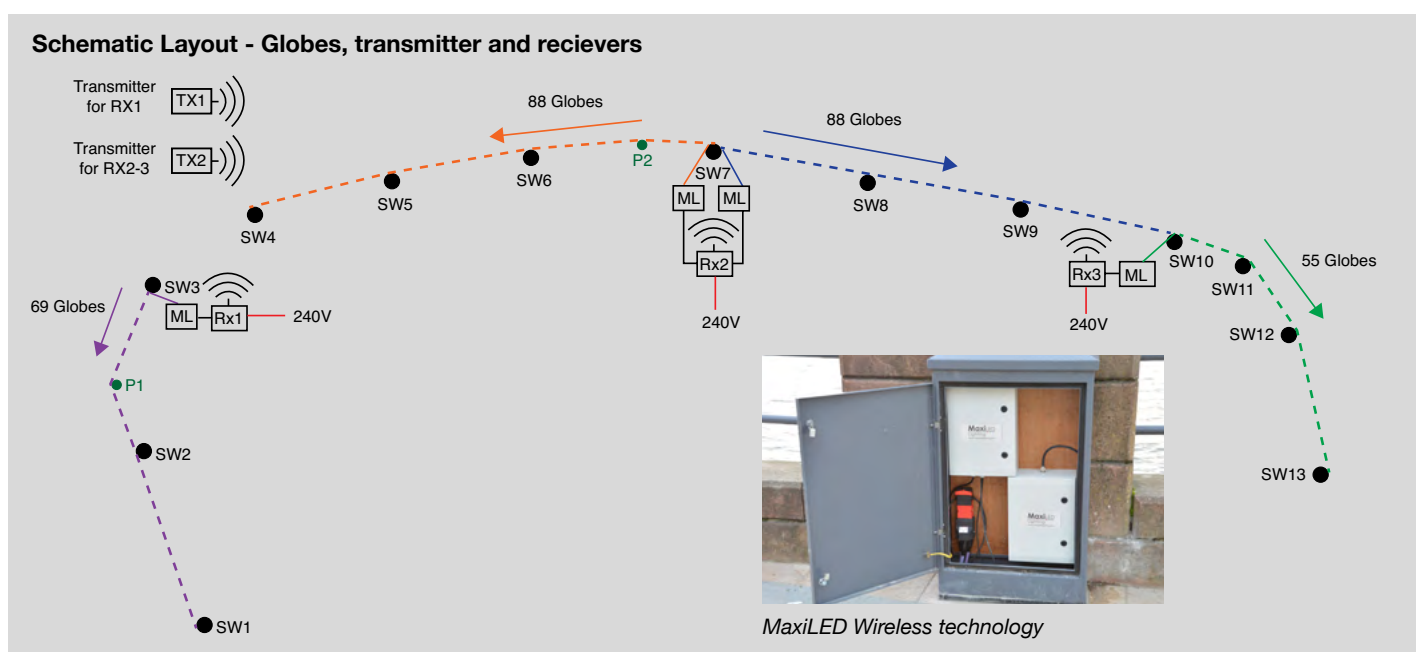


Brief

The local council had planned a rejuvenation of the front harbour and esplanade using modern hard landscaping and lighting. As part of the scheme, the replacement of the existing festoon lighting fittings was a key component of the plans. The council wanted to “future proof” the lighting design and therefore wanted something that could be programmable and could allow the council to react to events and key occasions throughout the calendar.

Solution

LITE worked closely with the Council’s appointed Consultant and Contractor to design a scheme using LITE’s very own MaxiLED RGBW Festoon product. A major obstacle was that the controller was located on one side of the road and the Festoon was on the other – and with absolutely no way of running any CAT5 cabling LITE proposed using a wireless option to connect them. The wireless technology allowed the project to be completed without the need for any road closures and potential disruption to the busy town. LITE liaised with the installation contractor throughout the project period and then finally commissioned the project on site.





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