

MaxiLED
Lighting



LITE

Lighting and Illumination Technology Experience
Limited

Architectural



MaxiLED Large Globe series
RGBW DMX

Case Study

Wind Street - Swansea. UK



Data over Power distribution
to the fixtures



2 Core
Data over Power



DMX
RGBW



UK MANUFACTURED

Information

Client:	Swansea Council - United Kingdom
Location:	Wind Street, Swansea. Wales - United Kingdom
Products Used:	MaxiLED Large Globe series RGBW DMX
Controller Used:	Pharos LPX20

Technology



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



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



Watts:
2.4W per Globe at full RGBW on.



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

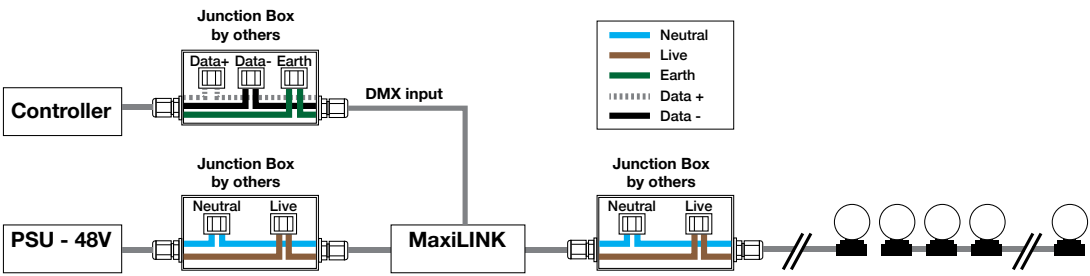


Cable/Run Lengths:
100 Fittings per strand.
175m (574ft) maximum strand length.
75m (246ft) maximum length for leader cable to first fitting.



Listings:
CE

MaxiLED unique wiring example



Wind Street in Swansea city centre has long been a vibrant area serving the night-time economy. Now, thanks to a £2m upgrade, the area has been transformed to make it a go-to area throughout the day as well, offering family fun, dining and places to meet for coffee.

As part of the regeneration works, lighting solutions specialists LITE were appointed to deliver an LED lighting scheme. A key part of this was give Wind Street a brand-new look. The existing trees that line the street have been pollarded, which allows for them to be illuminated for both practical and decorative purposes. LITE specified 1,760 large globes from MaxiLED, which not only illuminate the street beautifully in the darker hours, they are visible during the day creating an inviting and uplifting vibe during the day.

The MaxiLED Globe Series provides exceptionally long strands of globe-lensed LEDs that are perfect for outlining trees and other structures. With colour-changing lighting effects, each strand is built for permanent installations, with robust injection-moulded outer globes, ensuring they can withstand even the most challenging of outdoor environments.

The fixtures are controlled by a Pharos LPX 20 controller in a centrally located feeder pillar with 4G remote access. There is a Maxilink and receiver in each tree, with the transmitter located in the central feeder pillar.

Alongside new street furniture, new road signs and restricted access for vehicles, the new look Wind Street has been a huge success. The upgrades to Wind Street have played a key role in the city centre's wider £1bn regeneration project, making Swansea a more attractive place to work, visit and live.





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