

# Liverpool City Trees

## Case Study



**MaxiLED**  
**Large/Small Globe static**





# Information

**Client:** Liverpool City Council - United Kingdom

**Location:** Liverpool - United Kingdom

**Products Used:** MaxiLED Large/Small Globe static

# Technology



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



**Power Output:**  
24VAC.



**Watts:**  
0.6W per Globe.



**Light Source:**  
LED's available with red, green, blue and white dies 2400K, 2700K, 3500K, 4000K, 6500K and 10,000K.

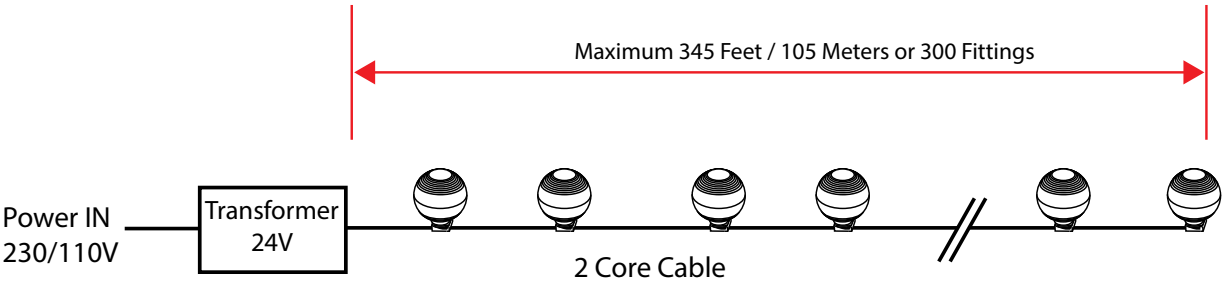


**Cable/Run Lengths:**  
200 Globes per strand.  
105m (345ft) maximum strand length.  
5m (16ft) maximum length for leader cable to first fitting.



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

## MaxiLED unique wiring example



All year round lighting system.  
Used 365 Days per year.





## Background

Liverpool City Council approached LITE with a project to replace a low end MiniLED product with a permanent solution in mind for the trees around the City.

Their remit was to accommodate a permanent robust all year round lighting system, used 365 days per year and lighting the City Centre to create a welcoming, soft lighting to the City.

## Design

Liverpool Council have a strict policy of only 24V lighting to be used within their trees, so were finding it increasingly difficult to find the balance between having a WOW factor impact with a 24V product to give them the longevity they were looking for.

Alan Jones, who at the time represented on behalf of the council via Amey, approached LITE to discuss our MaxiLED large and small globe festoon product due to the manufacturing quality and quality of the bright LEDs at 24V, IP68 and a manufacturing warranty of 5 years which no other product can come even close to matching and the fact we can manufacture to a bespoke size and quantity as opposed to an off the shelf product.



The feedback from the client has been nothing but praise for the huge impact our product has achieved around the City, which in turn has since led onto new projects we have also completed for private companies around Liverpool with this product.







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