

CASE STUDY – Cancer Research UK’s Manchester SHINE Event Apr 2010



Overnight marathon walk 17 April 2010. 26 miles for 7,500 people starting 10pm at Manchester Central (G-MEX), walking through Manchester streets and back again the next morning.



A mixture of 35 x CORE Lighting POINT30 –Battery IP64 & IP65 Outdoor units were used for the event; selected for their weatherproof capability, brightness, strong colours, portability, with wireless and easy set up. Units removed from flight cases (in which they were charged) and placed in two Land Rovers. The units were taken from the vehicle, positioned and simply switched on, taking **just a couple of minutes** to set up a whole group of lights. Capability for fast setup and take-down meant **only 35 lights required instead of over 100** if cabled lights were used. Enormous **saving in labour and investment cost**.



Vertical Light tubes from cotton material each had a CORE POINT30 inside set to magenta and blue – Cancer Research UK’s colour scheme. Due to the crowd queuing system snaking between these tubes, **no cabling** could be present on the ground thus exploiting one of the **safety benefits** of the battery powered, wireless-controlled lights. Lights switched on at 6pm before crowds arrived.



Uplighting a canopy with six lights in magenta, blue and white provided a beacon of light within Whitworth Park. Two further lights **up-lit adjacent trees** in blue.



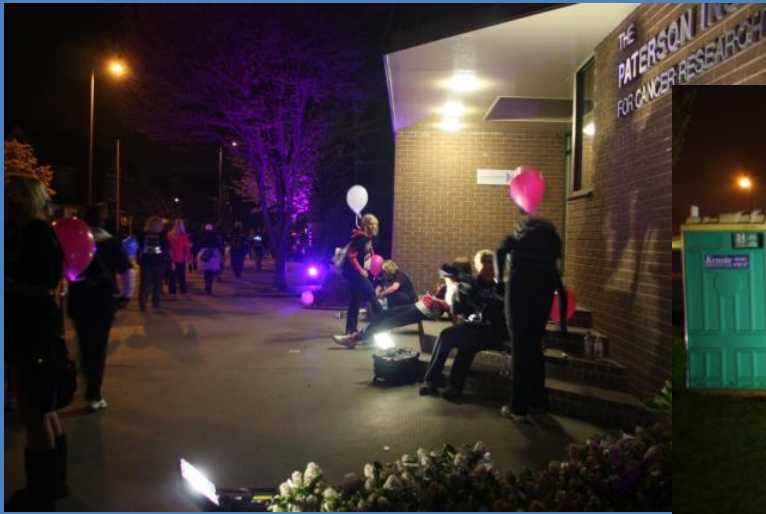
The rest point and first aid centre outside Manchester United FC was totally illuminated using POINT30 units. Using LED technology makes the units truly **more 'green' than traditional lighting**, consuming **less than 1/7th of the electricity** than halogen lighting. One of the most energy efficient forms of lighting available & **cool enough to touch**. For event health and safety, low heat means crowd integration is safe, with **no cables to trip over**.



Uplighting trees and signage outside the Paterson Research building & Lowry Centres provided a splash of colour against the incessant orange sodium lights of the city.



The powerful light output allows flexible lighting of **temporary and permanent structures** including these outside Manchester United FC. One of the examples shows a **small marquee uplit** with a **single POINT30** against harsh ambient sodium street lighting.



Battery power and neutral white LEDs (4100K Colour Temp) allow simple **illumination of shadows and darker areas** with a pleasant white glow. For improved ambiance the neutral can be turned warmer using the red channel or for task lighting made cooler using the blue channel. Or with all four channels switched on can provide 3x brightness for a blast of white for shorter time (red, green, blue, plus white). This is often used during night-time take-down of an event.



11am Sunday.
Light tubes still operational **after 17 hours** back at Manchester Central.