

Sustainable Lighting Solution At first direct Arena in Leeds



Project: first direct Arena, Leeds, England.
Luminaire manufacturer: High Technology Lighting, Ltd.
DALI driver manufacturer: Harvard Engineering
LED Module manufacturer: Xicato

A partnership between two of the lighting industry's most forward thinking companies, High Technology Lighting and Harvard, has led to the successful installation of an energy saving and CO2 reducing solution at the recently opened first direct Arena in Leeds. Over 300 fixed and adjustable downlights and track spotlights were installed in the arena, saving approximately 80% of energy compared to a conventional lighting solution. The combined solution incorporates Harvard's DALI driver, part of the energy saving CoolLED range, placed inside High Technology Lighting's Quartet fittings.

XICATO

Both High Technology Lighting and Harvard are well known for their energy saving products. High Technology Lighting's Quartet range incorporates Xicato's market leading LED technology, renowned for its sustainable credentials. The company has also recently installed SolidWorks, a 3D software tool allowing product designers to create, simulate, publish, and manage data, to establish Life Cycle Analysis (LCA) and Environment Product Declarations (EPD) for each product it creates.

Thomas Holgeth, joint managing director of High Technology Lighting said, "As a company we have a commitment to being energy efficient and sustainable. Sustainability is no longer simply about ensuring products are energy efficient when in use, but also about the components and processes used in manufacturing them. With our partners we have developed a sustainable strategy, as part of our Corporate Social Responsibility (CSR) and our commitment to The Circular Economy."

Harvard's CoolLED range of LED drivers is already reducing energy consumption in many prestigious installations across the world, including Manchester United's hospitality suites at Old Trafford, Microsoft's Kista office in Northern Stockholm, BMW's showroom in Rome and now the first direct Arena in Leeds. The DALI driver can save additional energy by allowing users to dim lights through the DALI interface.

Russell Fletcher, sales and marketing director at Harvard Engineering, commented, "Sustainability is an important part of our own long term strategy. We are constantly reviewing our processes, suppliers and partners and are delighted to be working with High Technology Lighting to provide our customers with solutions that reduce long term energy use and CO2 and in turn supports customers with their own CSR."

Since the installation of the combined High Technology Lighting and Harvard lighting solution, the first direct Arena has been awarded with a Very Good rating by BREEAM, making it the most sustainable arena in the UK.