



TRI LUX
SIMPLIFY YOUR LIGHT.

CMR SURGICAL

Case Study, United Kingdom

CMR Surgical

Case Study

Enlightening innovation: TRILUX illuminate the future of cutting-edge robotics manufacturing. TRILUX, a leading lighting manufacturer, collaborated with the building services experts Munro to provide an array of innovative lighting solutions for a new major global manufacturing facility. The result was the creation of a brand-new, BREEAM Very Good-rated manufacturing facility that perfectly aligns with CMR Surgical's commitment to excellence, sustainability, staff well-being, and natural resource conservation.

CMR Surgical, formerly Cambridge Medical Robotics, is at the forefront of ground-breaking medical technology, revolutionising surgical procedures through advanced robotic systems. CMR Surgical required a new, purpose-built manufacturing facility to support its cutting-edge work. Located in Ely, Cambridge, the state-of-the-art site spans 7,045 sqm and is a hub for CMR Surgical's pioneering research and development enterprises.



Address

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FINDING THE PERFECT LIGHTING PARTNER

Munro, the building services experts, selected TRILUX as the lighting partner for CMR Surgical's ambitious project. TRILUX's extensive energy-efficient product range and expertise made them the perfect choice for this transformative location. Siella, ArimoFit, E-Line, LC60, and Solegra were carefully chosen to address the diverse lighting requirements throughout the entire facility.

Iain Butterworth, Project Manager, Munro, said: "When seeking a lighting manufacturer for this project, we prioritised finding a partner that could provide comprehensive solutions and exceptional quality. TRILUX exceeded our expectations, offering a diverse range of products that perfectly met our requirements. Their expertise and commitment to excellence were instrumental in creating a world-class manufacturing facility for CMR Surgical."

TRILUX's comprehensive product portfolio and ability to provide complete lighting solutions allowed Munro to simplify their processes by having a single point of contact for all lighting needs across the facility. TRILUX's lighting solutions created a visually appealing environment, enhancing the overall aesthetics from the reception area to the offices and factory floor, keeping energy consumption low.









Meeting the demands of high-performance robotics

One of the critical challenges was to meet the high lighting standards required for the intricate task of robotic assembly. TRILUX's E-Line linear lighting system perfectly met these demanding requirements, including IP64 protection, low glare, and 1000 and 800 lux luminance for the manufacturing areas. This precise illumination ensured factory workers could observe even the finest details with clarity, facilitating seamless robotic assembly and maximising operational efficiency and employee well-being.

This collaboration has set new industry standards, creating an inspiring and future-ready manufacturing facility. TRILUX's lighting solutions have set the scene for CMR Surgical to deliver excellence, sustainability, and staff well-being in its manufacturing operations.

"From launch to lounge in under a minute" is a slogan used to advertise the co-working space in the ELBA halls. The motto refers to the many accompanying advantages offered to tenants. The attractions include child care, a restaurant, yoga courses and beautiful outdoor areas, including a sun deck in the immediate vicinity of the Wupper and the suspension railway. The lighting planners have developed a special outdoor lighting concept for the ELBA halls to suit this special location.

The historic brick facade is staged with Faciella spotlights, which cast striking grazing lights onto the pilasters upwards and downwards. A remarkable special lighting design was realized for the inner courtyard. Here a large square profile is suspended vertically between the facades. Large-format RGB LED fields are embedded in rectangular cutouts on its surface, which enable an atmospheric play of color and light. Brilliant white light downwards also comes from Faciella spotlights to generate sufficient illuminance in the usable level.







»TRILUX has exceeded our expectations, perfectly aligning with our vision for the facility. Our goal was to create a site and building that not only achieved sustainability and environmental performance goals but also enhanced the well-being of our staff. TRILUX's lighting solutions have played a pivotal role in realising these objectives.«

MORE PICTURES



USED PRODUCTS



SOLEGRA

Strong appearance for light and luminaire



E-LINE

From experience. From the market. For the future.



ARIMO FIT

PLANAR LIGHT IN A NEW DIMENSION



SIELLA

The standard in flexible office lighting