

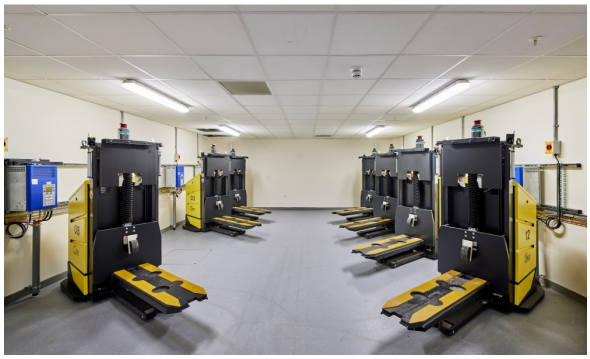
CASE STUDY

Midland Metropolitan University Hospital

Patient-First, Energy-Smart Lighting

As one of the most technologically advanced hospitals in the UK, Midland Metropolitan University Hospital in Smethwick required a lighting solution that reflected its commitment to the highest standards of patient-focused care, combining comfort, safety, energy efficiency, and clinical performance.

In partnership with Balfour Beatty, Whitecroft delivered a fully LED solution tailored to the precise needs of every space. From tuneable lighting in theatres and scanner suites to colour-changing systems in maternity and neonatal areas, each space was designed to support patient wellbeing and clinical excellence.





30%
ENERGY SAVINGS

100,000+
HOURS COMPONENT LIFESPAN

£3m
PROJECT VALUE



Key facts

Project Name	Midland Metropolitan Hospital
Location	Smethwick
Client	Balfour Beatty
Opened	2026

The solution

In a facility as large and complex as Midland Met, lighting design also had to support infection control. Backed by extensive expertise, Whitecroft's Healthcare range is engineered for hygiene and resilience, featuring sealed, easy-to-clean luminaires that withstand the most demanding hospital cleaning protocols.

Energy efficiency was embedded throughout, with Prologik's advanced smart lighting system, featuring daylight sensing, time-based control, and kinetic switches delivering up to 30% energy savings compared to alternative schemes while ensuring long-term, low-carbon performance.

Durable, 100,000-hour LEDs advanced BREEAM ambitions by reducing replacements and facility management workloads.

Key products



HDU LED



Nightingale LED



Florence+