



CASE STUDY

The first LED lighting specified for the UK atomic energy industry

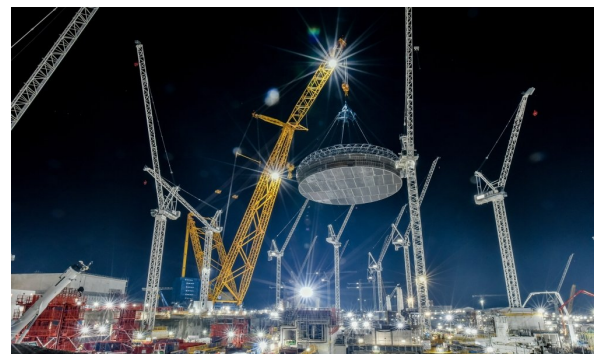
Whitecroft's first nuclear energy project

Whitecroft Lighting has secured a contract to supply around 40,000 of the latest energy efficient LED luminaires nuclear energy construction project Hinkley Point C.

One of the biggest civil engineering projects in Europe, the EDF Energy project located in Hinkley, Somerset, will see the construction of a two-reactor plant generating 3,200 megawatts of electricity for the next 60 years.

The deal not only marks Whitecroft's first specialist nuclear energy contract, but also the culmination of 6 years of research and development, resulting in the first LED lighting that can now be specified for the UK atomic energy industry.

Although low-energy LED lighting has become the new industry standard across most markets, the technology was still to be proven and approved for lighting nuclear energy, which to-date has mainly



40,000 11,200kWh 40%

LED LUMINAIRES

SAVINGS PFR DAY

IMPROVED EFFICIENCY



Key facts

Project Name	Hinkley Point C
Location	Somerset
Client	EDF Energy
Image credit	EDF Energy
Expected completion date	2029-2031

Hinkley Point C operator EDF Energy was keen that HPC gained from the energy saving benefits of LEDs where appropriate, and its preference was to use a UK lighting manufacturer.

Tony Male, Whitecroft's Regional Sales Manager for Wales & West explains: "The unique LED luminaires we manufactured for HPC will be around 40% more energy efficient than traditional fluorescent lighting. Enabling LEDs to be written into the specification is a significant moment for the lighting and nuclear industry.

"The 40,000 LED luminaires supplied will equate to a saving of around 11,200KWh each day – the equivalent of lighting approximately 3,000 average family sized homes."

Find out more about this project in a case study published by the [Hinkley Point C Supply Chain](#).

To discover more about Whitecroft's nuclear energy lighting