

A man in a blue work shirt and safety glasses is focused on his work in a factory. He is wearing red and black work gloves and is operating a large metal wheel. The background is a blurred industrial setting with various machinery and lights. The overall tone is professional and industrial.

See how lighting

**comes to life**

at  **Thorlux  
Lighting**



# Thorlux HQ

## Redditch, UK

The Thorlux range of luminaires is designed, manufactured and distributed by Thorlux Lighting, a division of the FW Thorpe Plc group.

The company operates from the Group's modern 16,882 square metre self-contained factory in Redditch, Worcestershire, central England.

Thorlux manufactures over 115 different product ranges for commercial, industrial and architectural applications. In addition, Thorlux also designs and manufactures state of the art energy saving and emergency lighting systems.

With a 350 square metre fully interactive Application Centre, a manufacturing facility incorporating a variety of different techniques and a 2,472 square metre warehouse and distribution centre there is plenty to see and be inspired by.

A visit to our facility can be tailored to your requirements and a comprehensive list of CPD's is also available to bring you up to speed with either the latest standards or lighting technology.

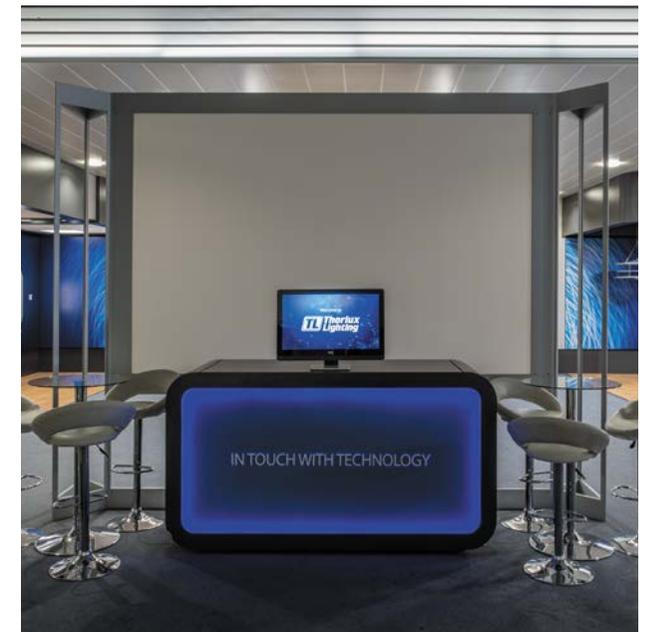
**Come and #SeeUsInANewLight**



Let us inspire you

The Application Centre features 350 square metres of interactive, full scale demonstrations showcasing the latest advancements in lighting control systems, LED technology and luminaire design.

The space includes two interactive classrooms, a healthcare area, a Light Quality Experience and examples of external and emergency lighting including the Queen's Award winning SmartScan system.





Create a  
**brighter future**



Two interactive classrooms demonstrate how Thorlux luminaires provide the ideal lighting solution for modern learning environments in both new build and refurbishments.

Luminaires incorporate SmartScan controls for energy savings through daylight linking and presence detection.



# Lighting solutions for when it **matters** most

The healthcare area demonstrates the Thorlux approach to hospital lighting and the impact LG2 has on lighting schemes for hospital wards.

The Thorlux range of healthcare luminaires combine innovative design and energy saving technology ensuring a comfortable environment for patients.



The interactive display area demonstrates the revolutionary SmartScan wireless lighting management system.

SmartScan allows users to monitor their energy performance data and complete operational status information for all SmartScan standard and emergency luminaires.

**Discover the latest emergency lighting technology**

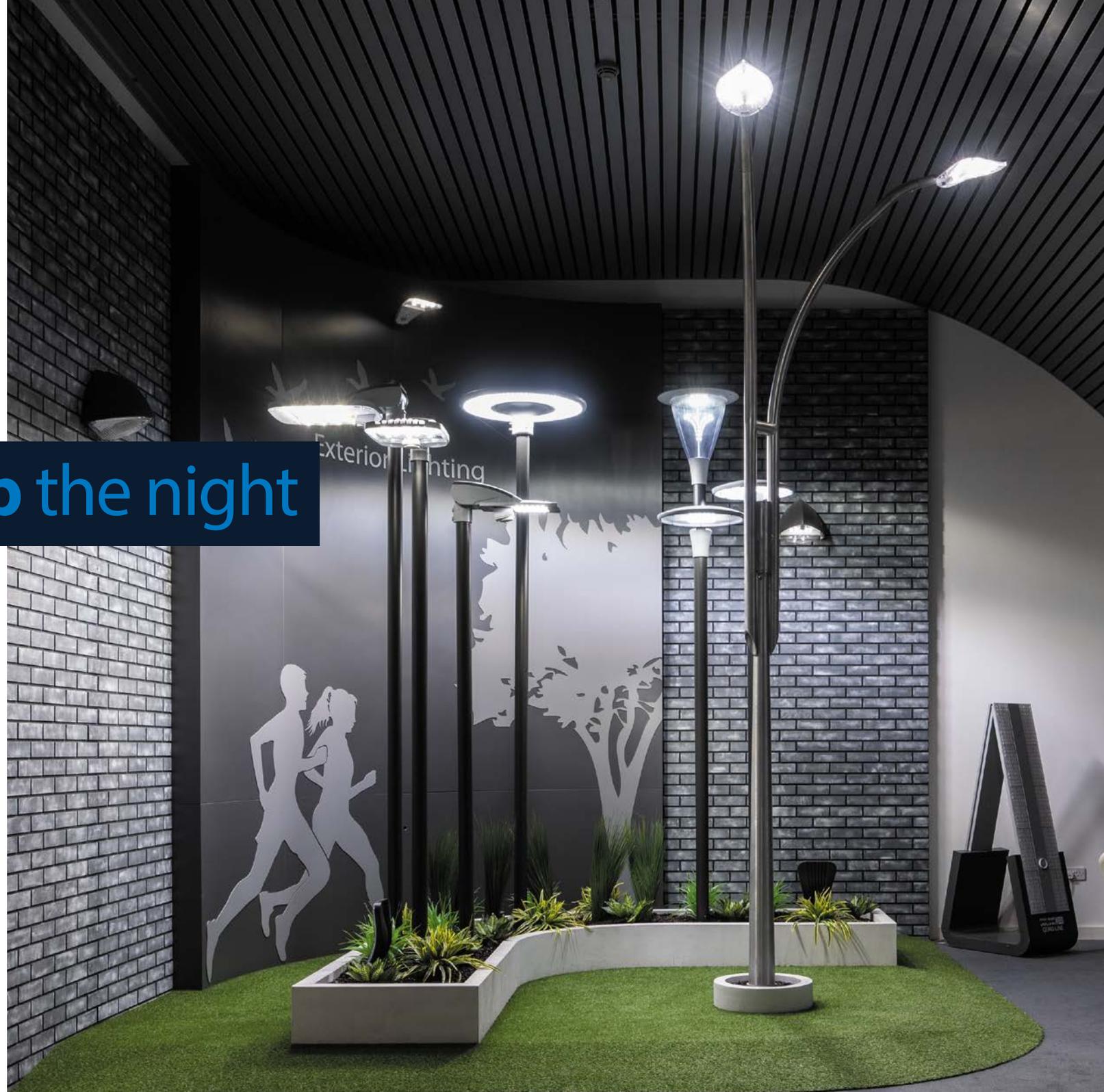


THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
INNOVATION  
2019

# Light up the night

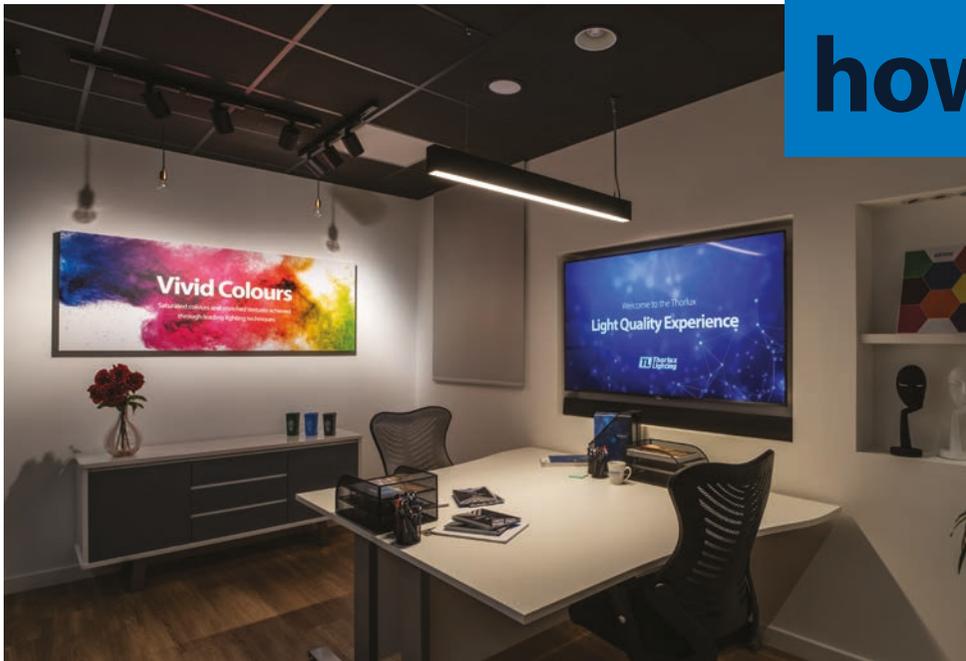
The exterior display demonstrates advancements in LED technology combined with the energy saving benefits of our Smart External system.

The “night-time” facility enables the visitor to see at first hand the advantages of programmable presence and ambient light sensing.





## Learn exactly how light works



Using its wealth of knowledge Thorlux has created the Light Quality Experience to demonstrate the science behind light and its effect on our mental and physical well-being.



# Modern self-contained factory

Thorlux is proud to manufacture in the UK and uses a mixture of traditional and modern processes. Metal punching, bending machines and in house powder coating are to name just some of the techniques employed.

The guided factory tour gives visitors the opportunity to experience the whole process of how Thorlux luminaires are brought to life – from the folding of sheet metal to the intricate placement of LED's. At the state-of-the-art production facilities, visitors get to see how skilled technicians and sophisticated machines work together to produce the Thorlux range of luminaires.





## State-of-the-art warehousing and distribution facilities

The 2472 square metre Thorlux warehouse features the very latest VNA (Very Narrow Aisle) “man up” fork lift trucks, speeding up the time it takes to pick items. The facility also displays the latest energy saving lighting solutions. High performance LED ‘high bay’ luminaires demonstrate just how far LED technology has come, while the most recent energy saving systems utilise daylight ingress and switch off luminaires for the vast majority of the day.

# Innovative LED designs

Thorlux designs and assembles its own LED circuit boards. The advanced Surface Mount Technology (SMT) lines place over 1,000,000 components every week.



# Rigorous product testing



The Thorlux LIA approved laboratory carries out rigorous testing to ensure products meet strict performance, reliability and quality standards.

Testing covers all aspects of the service conditions a product may experience including extreme ambient temperatures, dust/water ingress, EMC and compliance with UK and European lighting safety standards.



# Be top of the class with our CIBSE approved CPD seminars

Thorlux offer a selection of professional CPD presentations ranging from updates in lighting technology to guidance on lighting applications and legislation.

These presentations are non-sales based and are intended to disseminate knowledge and best lighting practices.

# Discover the importance of emergency lighting

Visitors to the Emergency Demonstration Experience undergo a simulated emergency evacuation from a typical school classroom with and without operational emergency lighting.

The interactive experience highlights the importance of a compliant installation. Night vision high technology cameras record the event for subsequent review and analysis.





Designers, manufacturers and suppliers  
of professional lighting systems

INDUSTRIAL LUMINAIRES  
COMMERCIAL LUMINAIRES  
FLOODLIGHTING LUMINAIRES  
ARCHITECTURAL LUMINAIRES  
HEALTHCARE LUMINAIRES  
HAZARDOUS AREA LUMINAIRES  
RETAIL AND DISPLAY LUMINAIRES  
CONTROLS AND SYSTEMS

A DIVISION OF F.W. THORPE PLC

**Thorlux Carbon Offsetting Project:**  
[www.thorlux.com/trees](http://www.thorlux.com/trees)

The information given in this catalogue is typical and must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.

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