

Are your lighting costs **sky high**?

The rising cost of energy

Every business is aware that energy prices are at an all-time high. In fact, they are three to four times greater than in 2021. Then, the average UK electricity unit price was around 12p/kWh; today, this is more like 30–40p/kWh, depending on supplier and energy deal. This price rise is significantly impacting companies in every industry.

How can Thorlux help?

With the cost of energy being so high, there has never been a smarter time to modernise your lighting. Lighting is an essential resource that, on average, accounts for one-fifth of all power consumption. Greater lighting efficiency can produce significant savings. Thorlux Lighting can help you save on energy through high-performance, energy-efficient luminaires and control systems.

**Thorlux
can help
you save!**

 **Thorlux
Lighting**



Reduce energy use by 70%.

Introducing SmartScan.

SmartScan is a revolutionary wireless lighting management system that maximises energy savings and automates emergency lighting testing and record keeping. The system allows users to monitor their energy performance data and complete operational information for all SmartScan standard and emergency luminaires. This information is displayed on the SmartScan website which is accessible anywhere.

SmartScan luminaires contain a discrete integral sensor which monitors ambient light and occupancy, controlling output to the correct level and only illuminating when needed. SmartScan-equipped projects frequently benefit from energy savings exceeding 70% when compared with conventional technology.



CONTROL



EMERGENCY



MONITORING



WELL-BEING



SYSTEM



AFTERSALES
SUPPORT



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION
2019

Save sooner with SmartScan.

Fast Return on Investment.

Thorlux luminaires and controls provide a fast return on investment.

Additionally, the high cost of energy is having a positive impact on ROI periods, making them even shorter. This means that users will start saving sooner. Thorlux has a dedicated energy surveying team that can provide free customised usage calculations, showing how quickly you would offset your purchase.

Impact on Return on Investment

Police Station

Number of luminaires - 1108
Operating hours - 8,760 p.a.
Electricity price tariff - £0.40p
Install cost included? Yes
Capex - £401,168.77

Electrical
operating saving
£110,798.16
per annum

Total power consumption
of lighting system

EXISTING
379,356.00
KWh per annum

PROPOSED
102,360.60
KWh per annum

Consumption
saving
73.02%

Return on
Investment
3.12 years

Hospital

Number of luminaires - 24124
Operating hours - 4,758 p.a.
Electricity price tariff - £0.40p
Install cost included? Yes
Capex - £4,294,797.31

Electrical
operating saving
£2,007,586.80
per annum

Total power consumption
of lighting system

EXISTING
7,949,597.00
KWh per annum

PROPOSED
2,930,630.00
KWh per annum

Consumption
saving
63.13%

Return on
Investment
2.11 years



Flexible funding options

Thorlux offers flexible funding solutions from Mitsubishi HC Capital UK PLC, a leading financial services company with over four decades of experience and nearly 1.3 million customers. Thorlux has a Partnership Agreement with Mitsubishi, allowing funding models ranging from simple payment plans to more innovative turnkey solutions that include installation and maintenance. Your Thorlux representative will be happy to run through the options with you.

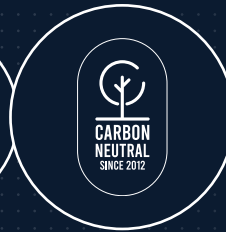


Why buy from Thorlux?

Thorlux designs and manufactures its comprehensive range of professional, energy-efficient lighting and control systems at sophisticated facilities in Redditch, Worcestershire.

When choosing Thorlux, you can be confident of receiving:

- Professional, competent advice from a long-established UK company
- A choice of lighting and control systems subject to stringent quality control (BS EN ISO 9001:2015)
- Excellent customer service and a 5-year warranty
- Environmentally-friendly products from a carbon-neutral manufacturer (BS EN ISO 14001:2015)



Designers,
manufacturers
and suppliers
of professional
lighting systems
since 1936

Find out how you can save

Thorlux offers a site survey and report for businesses looking to upgrade their lighting systems. The report assesses your current lighting levels and calculates power consumption costs. Thorlux pairs this evaluation with a detailed proposal for an optimised LED lighting system, clearly showing the potential efficiency improvements and energy cost reductions as well as the ROI period and expected savings going forwards.



Contact Thorlux for a consultation

To talk to your local Thorlux representative about arranging a survey, please contact kamila.poczatek@thorlux.co.uk who will direct your enquiry.

