

CASE **STUDY**

IMPROVED LIGHTING

**REDUCES ENERGY
CONSUMPTION FOR
MANUFACTURER
OF PLASTIC WATER
COVERINGS**

CS227



HAYLEY

DEXIS

HAYLEY DEXIS LIGHTING // MANUFACTURING - PLASTICS

Focus on **value**

**TRACK
UP**

KEY VALUE AREAS



OTHER



SPEND

THE SITUATION

HAYLEY DEXIS was contacted by a manufacturer of water covers, to assist them in auditing and replacing the lighting in their main workshop and quality control areas.

The customer had recently suffered a significant product recall due to imperfections being missed during quality control inspections. It was believed that the lighting in this area was having a negative impact on the ability of staff to complete routine checks on the products, before they are dispatched.

The team at the customer's local HAYLEY DEXIS branch quickly arranged a site audit in conjunction with a leading name in lighting solutions.

During the audit, it was found that the lighting on-site was comprised of low-quality LED luminaires. Not only were the lux levels very low, but the light quality was very poor with significant shadowing. The lights were inefficient and owing to a lack of automated controls, the lights were turned on 24/7/365; irrelevant of daylight levels or occupancy.

THE SOLUTION

A suitable solution was presented to the customer. This included high quality, intelligent luminaires with integral sensors sensing daylight and occupancy levels on an individual basis. Lights are no longer switched on unnecessarily.

The new lights have a high lux level, providing high-quality lighting to the area, improving visibility for staff working within the factory and quality assurance areas.

Low-glare lenses were also added to reduce glare from the lights.



THE RESULT

The new lighting is 74% more energy efficient than the previous, meaning a significant cost-saving on the electricity bill has been secured for the customer. It's estimated that this energy saving also equates to an annual 15-tonne reduction in CO₂e emissions.

A 250% increase in lux levels, as well as the very low glare lenses used, have improved the ability of teams to carry-out quality control inspections as well as the safety and comfort of workers.

CONTACT US!

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

www.hayley-group.co.uk/branch-finder.

KEY SOLUTIONS

High-quality, intelligent luminaires.

KEY RESULTS

New lighting 74% more efficient.

Annual CO₂e emissions reduced by 15 tonnes.

Quality control of products improved.





HAYLEY

DEXIS