

CASE STUDY

INDUSTRY & PROCESSING - FACTORY LIGHTING



International Poultry & Food Company

Business Challenge:

Reduce energy use, maintenance costs & improve lighting levels

Products:

LED

Savings & Benefits:

- 60%+ Lighting Energy Saving
- LUX levels more than doubled
- CIBSE standards exceeded
- **Enhanced ambience and staff well-being**
- Eliminated most lighting maintenance for 10 years



THE CHALLENGE:

- Large & complex food factory – significant amounts of processing equipment & complex access issues
- Existing lighting failing to meet CIBSE and modern H&S standards
- High energy consumption; significant legacy maintenance issues
- Consulting-led approach
- Full energy analysis performed, including baseline metering
- Wide-ranging series of interventions recommended; LED starting point

THE SOLUTION:

- LED lighting designed to cope with invasive cleaning regime with high pressure jets for main factory areas & extreme cold store temperatures
- Fully lighting design & installation contractor liaison with client
- LUX more than double on average, to exceed CIBSE requirements
- 10-year warranty given to client
- Ultra high reliability lighting installed to virtually eliminate maintenance due to access issues & impact on production line efficiency



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