

CASE STUDY

INDUSTRY & PROCESSING - FACTORY LIGHTING



International Bakery Company

Business Challenge:
Reduce energy use & improve lighting levels

Products:
AM&T, LED

Savings & Benefits:

- 65%+ Lighting Energy Saving
- LUX levels more than doubled
- CIBSE standards exceeded
- **Won the National Lighting Energy Impact Award 2016**
- Significantly enhanced working environment



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; Programme managed for Client
- Full energy analysis performed, including baseline metering
- Wide-ranging series of interventions recommended; LED starting point

THE SOLUTION:

- Metering & Monitoring – automated AM&T – proof of business case – subsequently adopted on process line basis
- LED Lighting upgraded throughout entire site, fully designed & project-managed by PLS
- LUX more than double on average, to exceed CIBSE requirements
- Client chose PES as its one-stop-shop long term energy and waste reduction specialist; Second factory in the group being converted by us



Packaged Lighting Solutions Limited
The Pinnacle, 160 Midsummer Boulevard, Milton Keynes, MK9 1FF
t: +44(0) 207 959 3066 w: packagedgroup.com

