

CASE STUDY

PUBLIC SECTOR – LEISURE CENTRES & MUSEUMS



National Leisure & Public Buildings Specialists

Business Challenge:

Reduce energy use, maintenance costs & improve lighting levels

Products:

LED

Savings & Benefits:

- 65%+ Lighting Energy Saving for Leisure Centres & Museum
- LUX levels more than doubled
- CIBSE & Sport England lighting standards exceeded
- **Highly popular with public users**
- Eliminated most maintenance issues



THE CHALLENGE:

- Series of large leisure centres & public buildings in sensitive AONB area
- Existing lighting failing to meet CIBSE and modern H&S standards
- High energy consumption; significant legacy maintenance issues
- Consulting-led approach; Full design & Install to Sport England standards
- Full energy analysis performed, including baseline metering
- Wide-ranging series of interventions recommended; LED starting point

THE SOLUTION:

- LED lighting designed to cope with public space areas & leisure activities in 2 centres, both including swimming pools
- Specialist Museum with sensitive historic exhibits lit by LED
- LUX more than double on average, to exceed CIBSE requirements
- Squash Courts brought up to over 700 LUX; highly popular with players
- Significant legacy maintenance issues overcome
- Visitor experience significantly enhanced, with very positive feedback



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