

# CASE STUDY

## Hotel & Leisure – Public, Back of house, outdoor areas LED lighting



**Uk/Europe top hotel and conference ctr.**

**Business Challenge:**  
Reduce energy use & improve lighting levels

**Products:**  
LED Lighting

- Savings & Benefits:**
- 65%+ Lighting Energy Saving
  - LUX levels more than doubled
  - CIBSE standards exceeded all areas
  - **Hotel wins green award with help of LED lighting**
  - Supplied LED in differing zones as per project rollout



### THE CHALLENGE:

- Large and complex site – which suited our product sets
- Existing lighting failing to meet CIBSE and modern H&S standards
- High energy consumption; significant legacy maintenance issues
- Consulting-led approach; In most cases supply only after consultation
- Full energy analysis performed, including cost versus savings reports
- Wide-ranging series of interventions recommended; LED starting point

### THE SOLUTION:

- LED lighting proposed and supplied as per project/zone rollout
- Full site LED refit to include office, welfare, all public areas & perimeter
- LUX more than double on average, to exceed CIBSE requirements
- Ongoing relationship will see full site LED completed over the next 18 months



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