

## Wandsworth Museum 38 West Hill, Wandsworth, London SW18 1RZ

Wandsworth Museum in southwest London opened its doors for the first time in September 2010, having taken over a former Victorian library. The building required complete refurbishment to meet the stringent demands of housing and displaying over 10,000 artefacts covering every aspect of the Borough's rich and varied heritage. The Museum decided to install modern LED lighting from Ideal Lights in place of traditional lighting technology throughout the building – in the offices, reception, exhibition halls, display cabinets, cafeteria, classrooms, archives, corridors and toilets.



Several factors drove this decision:

- The increasing cost of electricity and the limited capacity of the existing power supply
- The need to minimise the heat and UV emissions from lighting
- The high maintenance costs of existing lighting with their short life-spans
- Wide range of LED colour temperatures, matching the ambiance required in different areas
- Ease and speed of installation with the retrofit design of Ideal Lights' LED spots and tubes.



The Museum, its staff and visitors are delighted with the resulting lighting scheme – the quality and brightness of LED lamps equalling or surpassing their expectations. Wandsworth Museum is now the first museum in the world to be illuminated throughout by LED technology. The massive energy savings LED lighting delivered have reduced the Museum's electricity consumption on lighting to 10-15% of what it would have been with traditional lighting. The superb energy-efficiency of LED lighting was a major factor in Wandsworth Museum winning a coveted Green Tourism Award last year.

### Ken Barbour, Director of Wandsworth Museum, commented

*“High quality lighting is a critical factor in any museum's success and the broad range of LED solutions provided by Ideal Lights gave us the flexibility to match all our needs, from our offices to illuminating delicate, rare and irreplaceable artefacts. In common with other museums that do not receive any public funding, Wandsworth Museum must keep a stringent watch on its operating costs and the huge reduction in energy consumption and maintenance costs delivered by Ideal Lights' LED technology has made a unique contribution to keeping our running costs as low as possible.”*

WANDSWORTH MUSEUM