



Best Practice at London Bridge

'Martian Lamp'

Introduction

The Martian Lamp has been used extensively across the London Bridge Station Development Project, specifically within the historical arches, as a cost effective and environmentally friendly form of lighting. The lights have been provided by a partnership between El Bjorn, a market leader in Nordic Temporary solutions and, Woodlands who have been successfully trialling these lights across a number of sites in London.



The Lights

The lights are omnidirectional and offer glare-free general lighting with no shadows. They are fitted with low energy bulbs which reduce energy consumption, extends operating life and reduces maintenance requirements. The lights also withstand extremely rough handling within the workplace and during transportation. Placing these lights in a 5

meter square achieves an illumination level of 100 lux.

Other benefits of the lights include quick instalment in comparison to standard lights and they are extra safe due to an operational voltage of less than 50 volts.

Cost

It has been calculated that over just 2 years the total cost per 80 lights including both running and capital costs, show Martian Lamps as a cheaper alternative than the typical fluorescent tube lights used. It was found that although the original capital cost for the Martian Lamps is higher the running costs were considerably lower than the typical fluorescent tube lights.

