



Bluewater Shopping Centre Car Park Lighting Refit

Vita Lend Lease appointed Weblight to provide a cost effective and energy efficient solution for the Bluewater Shopping Centre decked car park.

The decked car park, which consisted of 2x55w and 2x40w PLL luminaires, produced poor lighting levels exacerbated by failures due to high heat within the luminaires. Though the car park has open sides, the majority of these attract only reflected daylight from the surrounding buildings, reducing the daylight factor in the car park to below 5%.

Weblight's solution was to replace these fittings with the Philips Pacific T5 2x28w IP65 thermal luminaire which has excellent colour rendition and appearance and low glare properties. The installation achieved increased lumen levels across the car park creating a brighter feel, with uniformity much improved.

As a result of the installation, Bluewater has benefited from a 1182.5 reduction in CO2 emissions and a 50% reduction in energy costs, over £200K per annum.

Bluewater has combined the refit with a 5-year maintenance program resulting in further cost savings and benefits such as minimised disruption and protection of lamp uniformity and appearance.

