

## Canary Wharf Management Ltd, Truck Tunnel

Canary Wharf Management Ltd (CWML) is responsible for the management of 97 acres on the Isle of Dogs in London's former docklands, as well as over 6 million ft<sup>2</sup> of office and 600,000 ft<sup>2</sup> of retail space. The Group was named one of the Sunday Times Best Green Companies in the UK since 2008.

Ocip Energy were contacted by CWML, who were looking to reduce the lighting costs, the maintenance costs but also improve the quality of lighting in a number of high usage areas. CWML were influenced by the success of the Ocip Energy project at Excel Exhibition Centre and the use of the LED High Bays.



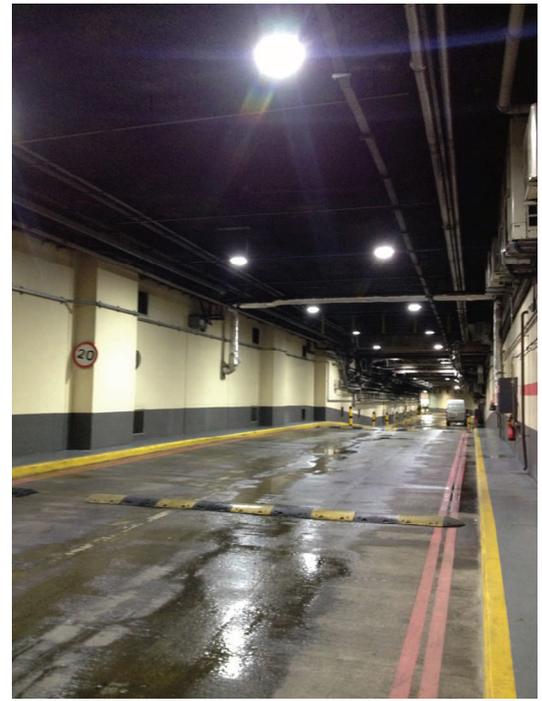
Before

### Summary

Number of fittings – 56

Replaced – 250W SON High Bay with 150W LED HB2

Mounting height – 6 metres



After

## Tunnel Case Study

The biggest challenge faced by CWML was the continuous use of the 121m long truck tunnel since many of the shops in Canada Square are re-stocked using this single access route. The lorries arrive throughout the day and night at allocated times, therefore the opportunity to access the existing light fittings was very limited. Consequently, organising the maintenance of fittings that had failed or needed replacement was a major logistic exercise. Furthermore, the lighting was patchy and potentially a Health & Safety issue for the management.

CWML trialled several LED High Bay fittings, supplied by Ocip Energy. These proved an immediate success, with improved light quality, slim line profile, zero maintenance and significant energy savings in an area that is permanently illuminated. Following the successful trial, CWML ordered 56 No. Dialight HB2 150W LED which were installed in November 2012, as the loading bays and underground turning areas were also illuminated using the same fittings.

The introduction of the LED technology has meant that the maintenance teams can now be deployed on other infrastructure projects rather than changing light bulbs in the tunnel. With this in mind, the tunnel should now be maintenance free for the next 12 years.

**REDUCE**

operating & maintenance costs

**FAST**

return on investment

**REDUCE**

carbon footprint and costs of carbon tax

**IMPROVE**

light quality