



Delivering energy efficiency and contemporary looks to luxury London hotel

Location:

London, UK

Segment:

Hospitality and Leisure

Challenge:

Creating an ambience of luxury whilst maximising energy efficiency.

Solution:

Eaton's Cooper Lighting and Safety supplied 1040 of its DL11 LED downlights, 372 of its DL8 LED adjustable luminaires, 731 of its DL5 LED adjustable luminaires, and 210 Bijou surface luminaires fitted with low-energy compact fluorescent lamps.

Results:

The wide range of Eaton's Cooper Lighting and Safety LED fittings installed in the Grange Tower Bridge Hotel will not only help to create an ambience of contemporary luxury but also minimise the building's ongoing running costs through the use of energy-efficient and maintenance free LED technology.

Eaton's Cooper Lighting and Safety LED fittings installed in the Grange Tower Bridge Hotel help's to create an ambience of contemporary luxury.

Background

Grange Hotels is a leading independent hotel chain, comprising four and five-star accommodation in the best locations across London. The hotels offer comfort, quality and a range of facilities that is second to none, all skillfully combined with contemporary luxury and attention to detail.

A busy roll-out programme has seen the recent opening of the Grange St Paul's Hotel – for which Eaton's Cooper Lighting and Safety supplied static

inverters to power the emergency lighting in the event of a mains failure – and the construction of the Grange Tower Bridge Hotel, located close to the Tower of London.

Challenges

In order to create the right ambience and maximise energy efficiency, the hotel chain was looking to source a variety of state-of-the-art LED lighting products for the new Grange Tower Bridge Hotel. After having thoroughly evaluated various imported products, Grange decided to opt for higher-quality, UK-sourced fittings instead.

Through its previous dealings with Eaton's Cooper Lighting and Safety at the Grange St Paul's Hotel, Grange had become aware of the company's comprehensive line-up of LED-based luminaires and was more than happy to team up again on the Grange Tower Bridge Hotel.



Powering Business Worldwide

Solution

As part of a comprehensive energy-saving solution for the new hotel, Eaton's Cooper Lighting and Safety supplied 1040 of its DL11 LED downlights, nearly 50% of which were equipped with dimming drivers, 372 of its DL8 LED adjustable luminaires, 731 of its DL5 LED adjustable luminaires, and 210 Bijou surface luminaires fitted with low-energy compact fluorescent lamps.

The DL11 uses the latest high-output multi-die LED chip technology to provide a luminaire that serves as a highly efficient replacement for tungsten-halogen downlights. It

offers a 50,000 hour life, is virtually maintenance-free and significantly reduces energy consumption. A choice of three high-purity aluminium reflectors ensures that the DL11 luminaire provides controlled light distribution with excellent uniformity and low glare.

The DL8 and DL5 luminaires also offer effective energy-saving solutions, using three high-output LEDs and a single high-output LED respectively.

In addition to these fittings, Eaton's Cooper Lighting and Safety also supplied emergency lighting to the project in the form of 372 Micropoint recessed LED emergency luminaires and 27

Brite Edge LED exit signs, together with 12 compact static inverters.

Results

The wide range of Eaton's Cooper Lighting and Safety LED fittings installed in the Grange Tower Bridge Hotel will not only help to create an ambience of contemporary luxury but also minimise the building's ongoing running costs through the use of energy-efficient and maintenance free LED technology.

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