

London Transport Museum

London, UK



“At the newly refurbished London Transport Museum, we are vividly bringing the Capital’s transport history back to life, thanks to the skills of lighting consultants DHA Designs, mechanical and electrical engineers Max Fordham and Partners, and lighting control technology from Lutron.”

Belinda Betts, London Transport Museum

Background:

The London Transport Museum explores the heritage of London and its 200 year old transport system. The Museum’s collections include original artworks and posters that have been used to promote the city’s transport over the last century, as well as outstanding examples of transport vehicles and objects that are evocative of times gone by.

The challenge:

Thanks to a £22m refurbishment project, the team at the London Transport Museum was able to set out a vision for bringing the Museum up to date, which included creating more display space and adding drama and interest, whilst maintaining functionality. Lighting consultant DHA Designs, that won the competitive tender, also needed to create a scheme that ensured versatility was built into it for many years to come.

Lutron's GRAFIK 7000:



Scalable to a project of any size or complexity



Has capacity to control up to 16,384 zones



Zone adjustable fade times for subtle or dramatic mood changes

The solution:

To accommodate the large amount of natural light pouring in through the former Flower Market's extensive glazing, a creative use of light sources and controls was built into the scheme. Lutron's highly sophisticated GRAFIK 7000 lighting control system was chosen by DHA Designs and controls a mix of dimmable fluorescent's, LED's and low voltage accent lighting in the museum.

Inspired by the lighting strategy typically used on the London Underground, Lutron's GRAFIK 7000 also ensures that a consistent interior light level is maintained, whatever the weather or season outside, with the use of integrated light control sensors throughout the museum.

The results:

The design brief was met with dramatic effect, using spotlighting to create pools of light drawing the eye to the displays throughout the upper and lower levels. Adam Grater, director of DHA Designs who has extensive experience of museum and gallery lighting, explained, "We have achieved what we set out to do at the London Transport Museum. By choosing Lutron, we have not only been able to create good levels of light control and drama, but have ensured that the Museum can maintain and run the lamps and luminaires as efficiently and effectively as possible for many years to come."

With the clever use of light, the London Transport Museum has been brought bang up to date, whilst encompassing its heritage. Visitors to the museum are impacted from the moment that they enter to the time they leave and thanks to Lutron's lighting control technology, the facility has been transformed into one of London's most unusual hospitality venues – not bad for a 100 year old flower market!

Client	London Transport Museum
Lighting design	DHA Designs
Equipment provider	Lutron Electronics Co., Inc.
Photography	Lutron
Lutron products	GRAFIK 7000

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