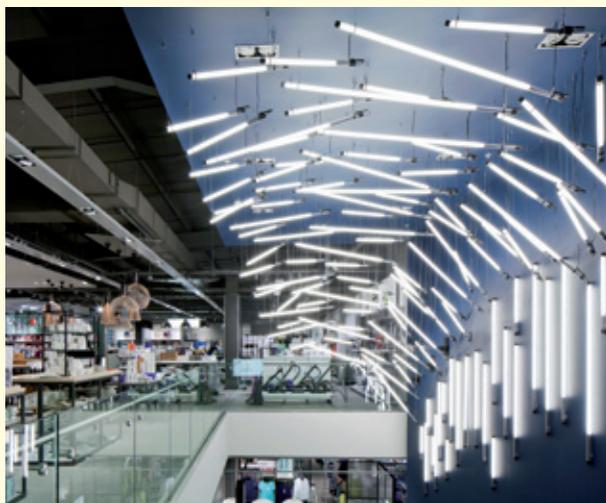




3

PROJECT

Breaking Wave, John Lewis, York



Above and right Tubes are suspended horizontally in a dynamic composition aimed at encouraging a flow of movement up and down the stairway below

THE TUBES ARE not deployed in the same way, but the piece *Breaking Wave* harks back to Dan Flavin in using industrial T8 fluorescent lamps as the main component.

The installation at John Lewis's new store in York was created by Paul Nulty Lighting Design. It hangs over the ground-floor staircase with the tubes suspended horizontally in a dynamic composition to encourage a flow of movement up and down the stairway, and draw customers to the back of the store. When combined with the luminaire, the lamps allow for 360-degree viewing, ensuring the light sculpture is visible from multiple angles. The Philips Master TL-D Xtreme lamps, usually used in offices and factories, have a 40,000-hour life and an efficacy of 105lm/W, making them as efficient as an LED equivalent.

PNLD specified a warm white (3000K) lamp to complement the architectural lighting across the whole store. It also designed the lighting on the walls around the staircase to underline the installation. 'People are drawn to the brightest part of any room and this sculpture is at the rear of the store so it makes the retail space permeable and invites people to venture through the store,' says Karen Smart, lighting designer at PNLD. 'The challenge was coordinating the installation of so many individual suspended elements. We had to meticulously work out the exact x, y and z coordinates for each suspension and electrical point. The detail we went to ensures that none of the technical components detract from the illuminated sculpture. Visitors have a real, engaged sense of shape but it doesn't take the eye away from what is around them.'