


# Breaking Wave

**PNLD is on trend with Breaking Wave light installation.**

**J**ohn Lewis has recently had the 'Breaking Wave', installed in their store in York. This is an innovative lighting installation using industrial fluorescent lamps created by Paul Nulty Lighting Design (PNLD).

It is suspended from the soffit and creates a lighting showpiece using low energy luminaires. This particular installation hangs over the ground floor staircase and has a small modular element in a dynamic composition which encourages a flow of movement up and down the stairway thus drawing customers to the rear of the store. It was developed using the energy efficient Philips Master TL-D Xtreme fluorescent T8 lamp, which is usually found in offices and factories as it is believed it can maintain 40,000 hours of life and 105 lumens per watt, making it as efficient as its LED equivalent.

Warm white (3,000 Kelvin) lamps were chosen to complement the architectural lighting across the whole store.

Karen Smart, Lighting Designer at PNLD, said: "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. The challenge was co-ordinating the installation of so many individual suspended elements. The PNLD team had to meticulously work out the exact x, y and z coordinates for each suspension and electrical point. The length of detail we went to ensures that none of the technical components detract from the illuminated sculpture. Now visitors have a real, engaged sense of shape but it doesn't take the eye away from what is around them." 

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