

Light Wall

LED Light Wall

- Edge-lit LED technology
- Frameless design
- Slim line
- Large format
- Even light distribution
- Low energy consumption
- Indoor / Outdoor use
- Long life, high quality
- Colour changing LEDs available
- Modern design



www.w-co.co.uk

08456 25 35 45

info@w-co.co.uk



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LED light walls are a new and innovative way to illuminate walls in shops or offices, or essentially any large flat surface, using edge-lit LED technology; with, or without, the application of large format graphics. These large format LED light panels are the perfect solution for shop fitters and architects looking to create large areas of low energy lighting. The LED light wall is an ultra thin lighting system, starting from only 30mm in depth, yet it can be manufactured to any size up to 3 metres x 2 metres in one piece, which can in turn butt together to create super size illuminated walls.

They are illuminated, as standard, using high bright white LEDs, which are fixed to the edge of a clear acrylic panel. The clear acrylic lighting panel has a special pattern of lines etched into the surface to aid the distribution of light evenly over the whole area of the panel. These lines are concealed by an opal acrylic diffuser panel which fits over the top; this opal panel is also used for additional light diffusion which enables the best possible light distribution, and being frameless, it lights up evenly across the whole area from edge-to-edge. The lighting panel and diffuser panel are fitted to an aluminium back tray to keep everything securely in place. The LEDs used in the illumination of the light wall are powered by a low voltage supply giving substantial energy savings in comparison to traditional lighting.

The LED light wall can come with a variety of optional extras including RGB colour changing LEDs, motion sensors, timers and dimmable ballast to enable the user to have full control over the lighting effects. The structure of the LED light wall can also be modified to suit specific requirements, for example, a toughened glass or polycarbonate fascia can be added for a more prestigious look and additional seals can be fitted in order for it to be used outdoors.

