LED TROUGH LIGHTING

Keep your business bright with LED Trough Lighting







This LED trough lighting is an energy efficient solution for outdoor lighting, it provides bright, uniform illumination with minimal energy consumption, making it a cost effective choice for showcasing signage both day and night. Built with durability in mind, they are weather resistant, ensuring long lasting performance. With customisable options, these LED trough lights are perfect for highlighting your business.

We supply several styles of trough lighting brackets so each light can be wall, frame, ceiling or ledge mounted, plus pictorial kits for lighting projecting signs. All these lights are made to measure to your requirements. Black & white (body & brackets) are available from stock, with RAL colours available to order with an extended delivery time. Your cable entry point can be specified also.

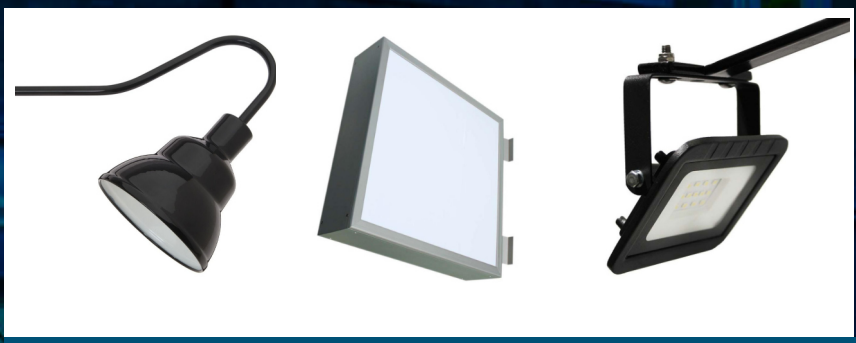
All these LED lights are available in 3 shades of light colours; cool, warm & neutral, with options for high bright or super bright LEDs, depending on your needs.

Normally manufactured and dispatch in just a few days from ordering but as we approach our busiest time, lead times will become longer.

Beat the rush by ordering your LED trough light today!

Other types of lighting available:





Swan Neck Cowl Lights | Double Sided Lightbox | LED Floodlight

Please contact us if you wish to discuss your lighting requirements.

LED TROUGH LIGHTING
TECHNICAL INFORMATION

LED Light Strips

Both the LED options are internally mounted in a an aluminium case & feature 3528 chipsets.

High Bright LEDs 24 volt, 12w with 60 per metre. 1440 lumens per metre.
Super Bright LEDs 24 volt, 24w with 120 per metre. 2800 lumens per metre.

LED Driver

The LED driver is internally mounted inside the aluminium case.

Driver Specification:

- IP Rated 67
- Mean Well LPB-60-24 or equivalent
- Input: 100-240v 2.2A 50/60Hz
- Output: +24v 4.2A
- Energy efficient with a low carbon footprint
- Lower maintenance cost
- Consistent illumination

Photocell Switch (optional)

A photocell switch is designed to automatically switch your lights on at dusk and off at daybreak, when positioned within a clear unobstructed view of daylight, avoiding shaded areas and direct or reflected light from other sources.

Two types are available, a built in version and a separate wall mounted option.

Built in Photocell Switch:

- Internally mounted inside the aluminium case
- Royce Thompson P12HE
- 70 LUX
- Input: 230v (+/- 10%) Load: 2 x 250w

To test, covering the Photocell will switch your lights on within 40 seconds and uncovering the photocell will turn them off within 40 seconds.

NOTE: Don't use fluorescent lighting to test as it may not be sufficient to demonstrate full functionality.

LED Colour Options

LED light colour temperature is measured in Kelvins (K), used to quantify temperature, specifically colour temperature for lighting. Kelvin represents the colour appearance of light emitted by a source, with lower Kelvin values indicating warmer, reddish tones, and higher Kelvin values indicating cooler, bluish tones. For example, traditional incandescent bulbs typically have a Kelvin temperature around 2700K, emitting a warm, yellowish light, while cool white LED lights often have Kelvin temperatures ranging from 5000K to 6500K, producing a bright, bluish-white light .

There are 3 light colour options for LED Trough Lighting:

Cool White (6000K)- cool and blueish white which features high brightness and intensity.
Neutral (4000K) - this resembles that of natural daylight.
Warm White (3000K) - soft, yellowish light, creates an inviting ambience.

