



LED Lighting for Retail Displays



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The investment that we make in our engineering team sets us apart. It means we are continuously designing new products and seeking innovations which will add value to your project, whilst always giving you straightforward, honest advice.

Our in-house CAD and prototyping department can also help your design team, whilst our new tool-kit approach to parts makes specifying and managing your project faster and easier for your procurement team.

This guide illustrates how we can help illuminate your clients' retail projects, including cosmetic carcasses, sunglass display cases and brand displays.

As well as keeping a wide stock of standard LED products, we manufacture to order, from plug and play assemblies to smart control systems and are ready to work with you on every aspect of the design process.

If you want to explore the best lighting systems for your project, please call us on +44 (0)1932 355 221.



Visual Merchandising



Cosmetics Carcasses



Sunglasses / Opticians



Display Totems



Facias & Facades



Architectural Highlights



Light Boxes



Brand Displays

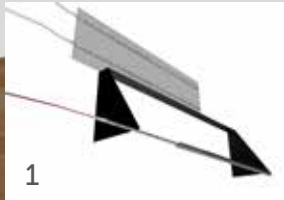


Digital Displays



Point of Sale

- 1 Retail Linear PCB supplied within our LED Linear Profiles
- 2 High Powered Linear PCB to enhance the carcass design and ultimately the quality of product on display
- 3 Bright Green LED Light Panel, only 5mm thick to minimise the depth of the display
- 4 Bright Green Grid for slim displays that need to adhere to fire regulations
- 5 Bespoke power supply assembly and wiring loom to make the entire system plug and play

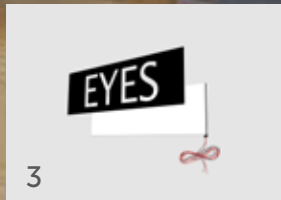


1



2

Counters



3

4

5

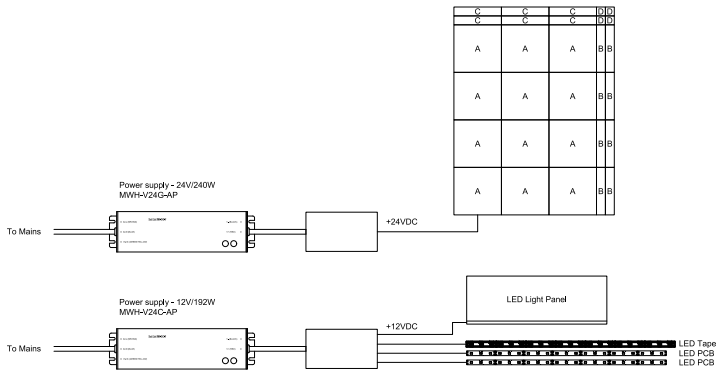
Display Carcasses

When your clients' displays are on every high street, refreshing store interiors can be a major undertaking. It's critical to achieve colour consistency, meet power requirements and comply with fire regulations, as well as making sure the displays are robust and straightforward to install.

We understand these challenges. Our LED lighting systems have been used to light thousands of display units for retailers such as Superdrug, M&S and Tesco.

As well as lighting, we're experienced in engineering custom power and control assemblies that take into consideration special requirements.

Example Layout



Key Benefits

- Properly considered cable management – ensuring that assembly is safe, robust and easy to install
- Correctly specified power supplies that work safely, efficiently and meet the retailers' standards
- Connectors that are matched to the power system and easy to work with, delivering a genuine plug and play service, including PAT testing



Plug & Play



Custom power supply



Prototyping service



V-0 flame class*



Custom shape

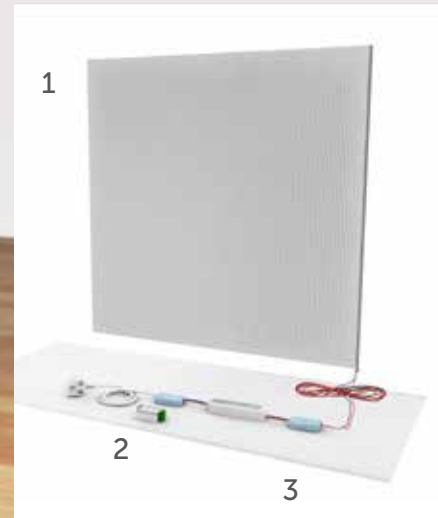


Control

*Excluding LED Light Panel



- 1 Dynamic White LED Light Panel to allow colour temperature adjustment
- 2 Control to dynamically adjust the lighting depending on time of day or to suit the lenses on display
- 3 Custom Power Assembly designed to be discreetly hidden inside the display case

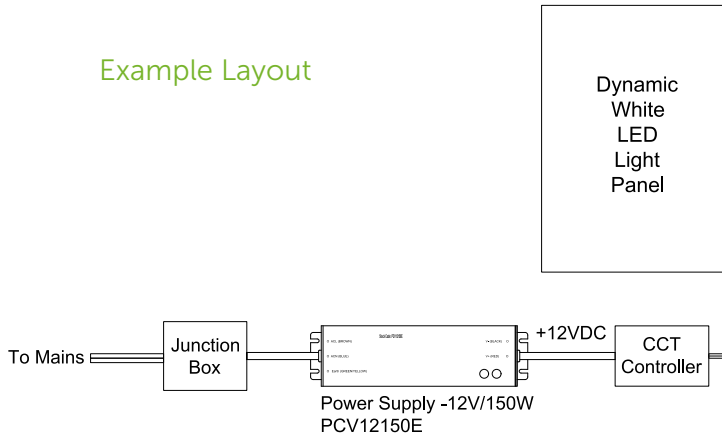


Sunglasses/Opticians Displays

We have supplied bespoke LED Light Panels to illuminate a range of sunglass and optician display projects for brands such as David Clulow, Sunglass Hut and TD Tom Davies. Dynamic White is Bright Green Technology's' latest Light Panel development, allowing the colour temperature to be adjusted to best suit the products on display.

The colour of light is a major factor in managing customers' perception of quality. Designers can customise the retail installation to suit product, message, season or even time of day – all with a single installation.

Example Layout



Key Benefits

Our Dynamic White LED Lighting systems:

- Have a colour temperature range of 3000 to 6500K
- Can be supplied with a range of control options from a simple touch colour wheel remote control to more sophisticated DALI/DMX devices with Bluetooth or Wi-Fi
- Can be dimmed on the specified colour





Technology

- 1 LED Light Panel with a customised cable exit point and strain relief
- 2 Curved, double-sided LED light panels to create distinctive, eye-catching features
- 3 Retail PCB to provide accent lighting to the display
- 4 Plug and Play system using desktop power supplies and DC splitters

Technology Displays

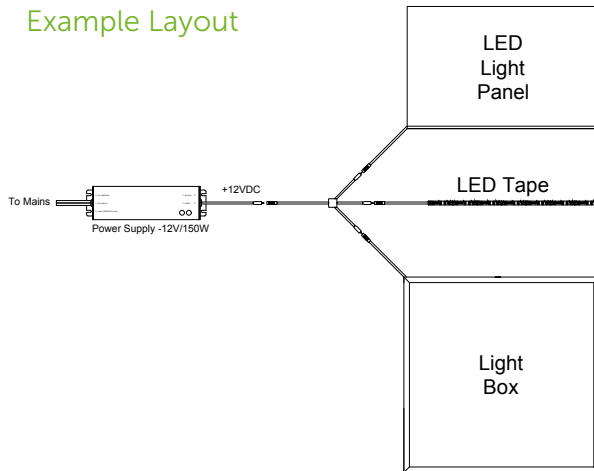
We have supplied custom lighting, control kits and power supply assemblies for thousands of brand display units, including the Tesco Gaming Zone and Samsung in-store, which included multiple, fast-turnaround prototypes.

Displays need to be perfect before reaching the store, so taking time to further develop parts throughout the design process is an important stage.

Our prototyping service allows you to make sure that the look, feel and operation of our systems is right and allows us to explore ideas and exchange feedback along the way.

Our normal delivery time for prototype custom assemblies, lightboxes or light panels is just 5-10 working days.

Example Layout



Plug & Play



Custom power supply



Prototyping service



Custom shape



Quick turnaround

Smart Control Systems

Bright Green Control offers everything from simple dimming to DALI and DMX systems and can be integrated or retrofitted into all of our LED systems. Our engineering team can advise you on the available options.

We can supply bespoke systems that allow:

- Interactive display to enhance customer engagement
- Remote access
- Colour changing – RGB and Dynamic White
- Dimming – 0-10V, DALI and DMX
- Timed operation
- Integration of switches and sensors



Custom Assemblies

We know that one size doesn't always fit all. That's why our engineers take the time to understand the requirements of every project.

We work to ensure that the system we deliver will be fully fit for purpose; cutting, soldering, adding connectors or custom power assemblies. Our technical team will send a CAD drawing to be checked before the order is placed or alternatively, we can supply the entire system "plug & play". Having our design team, development engineers and assembly in the UK allows us to deliver improved lead times and a more flexible service.

What our clients say

“ Their fast, responsive approach and technical expertise made them ideally placed to collaborate with us on this important, high profile project.”

Account Manager
SDI Displays



“ We’ve worked with Bright Green for a number of years and have always been impressed by their willingness and capability to offer technical and practical advice, helping to ensure projects are delivered on time, on budget and with the best quality lighting for our displays.”

Procurement Manager
Arken POP



“ Bright Green did an excellent job working to a very tight deadline, turning around the LED light panels in just ten working days.”

Project Manager
Datum Contracts



“ Bright Green turned this project around in just three weeks and colour matched the different LED systems perfectly.”

Director
TPS Interiors



Bright Green Technology

Bright Green Technology specialises in LED systems that dramatically improve the quality and performance of backlit media, illuminated signage, retail displays and architectural features.

We've worked in the most iconic locations for the biggest companies and won their trust for our product quality and customer support.



We respond to enquiries in less than **24 hours**



Our normal delivery time for prototype custom assemblies, lightboxes or light panels is just **5-10 working days**



Over 98% of our retail lighting projects have been **delivered** as per the agreed schedule



Over 70% of our parts are **custom or modified** parts and assemblies



We have a strong commitment to quality, the **percentage of issues on delivery** for our retail clients is **less than 0.1%**



And that's why our customers trust us, with **99%** of our retail clients purchasing from us more than once

Find out how we can help your next project shine

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brightgreentechnology.com

