

**CUSTOM**  
**ILLUMINATED**  
**SIGNAGE**



**CUSTOM**  
**NEON**<sup>®</sup>

**TECHNICAL SPECIFICATIONS**



# CUSTOM ILLUMINATED SIGNAGE OFFERS A MODERN, HIGH-QUALITY LED SIGNAGE SOLUTION



## POLISHED AND PROFESSIONAL

We offer a modern alternative to traditional signage solutions, delivering high-quality, cost-effective designs without compromise, direct to your door.



## VERSATILE AND STYLISH

Custom LED signs are suitable for a wide variety of applications. The low energy consumption and IP67 waterproof rating make this signage range ideal for most spaces.



## EYE-CATCHING AND UNMISSABLE

Custom LED signs are an impressive addition to any business, office, or storefront. Made to your specific requirements and designs, our illuminated signs help you stand out from the competition.



Indoor + Outdoor



CE



PAINTED STAINLESS STEEL



UV PRINT ACRYLIC



ANY COLOUR TO MATCH YOUR BRAND

# A RANGE OF CUSTOM ILLUMINATED SIGN OPTIONS FOR YOUR BUSINESS

Custom LED signs are a powerful way to elevate your branding and make a lasting impression. Whether you're enhancing a retail storefront, office reception, or commercial space, our signs are designed to your exact specifications, combining form, function, and style to help your business stand out.



FRONT LIT



LIGHTBOX



BACKLIT

FRONT & BACK LIT



FULLY ILLUMINATED



# VERSATILE COLOUR CHOICES TO SUIT YOUR STYLE

Choose from Backlit, Front Lit, Front and Back Lit, Fully Illuminated or Lightbox sign options, each available with a selection of LED colour options. The sign's face and sides can be any colour to match your brand or upgrade to a premium metal finish, offering a refined look in various colours and high-end textures.

## ACRYLIC & STAINLESS STEEL COLOURS

The face and sides of your custom LED signage can be UV printed or powder-coated to match any Pantone, RGB, HEX, or CMYK colour code.



PAINTED  
STAINLESS  
STEEL



UV PRINT  
ACRYLIC

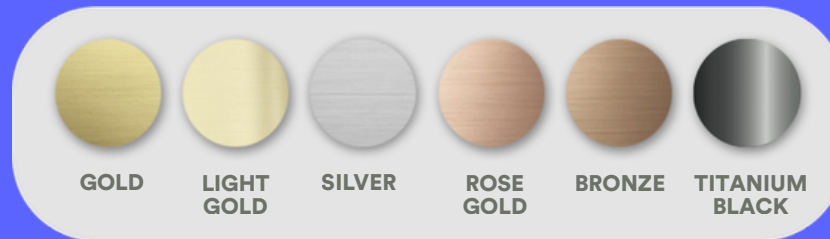


ANY COLOUR  
TO MATCH  
YOUR BRAND

## LED COLOURS



## PREMIUM METAL COLOURS



## PREMIUM METAL FINISHES





**BETTY'S**

# BACKLIT SIGNS

Backlit Signs emit a soft, ambient glow behind the lettering or logo, creating a subtle yet sophisticated halo effect. Perfect for a premium, high-end look, especially effective against textured or darker walls. This popular choice will elevate any space.

We offer acrylic and stainless steel for a premium look and feel.

Match your brand colour. We will UV print or powder coat your sign to match any RGB, HEX, or CMYK code or choose from our premium metal colours and finishes.



**PAINTED  
STAINLESS  
STEEL**



**UV PRINT  
ACRYLIC**



**ANY COLOUR  
TO MATCH  
YOUR BRAND**



**aircall**

PIVOT stove & heating  
SHOWROOM

# FRONT LIT SIGNS

Front Lit Signs deliver bold, vibrant illumination from the face of each letter or logo, ensuring your brand stands out day and night. This style is crisp, clean, and eye-catching, offering maximum visibility and a striking modern look that commands attention in any setting.

Choose acrylic or stainless steel for a sleek, professional finish.

Customised to match your brand perfectly. We can UV print or powder coat your sign to any RGB, HEX, or CMYK code, or select from our curated range of premium metal colours and finishes.

**\*UV printed brand colours will display lighter when the sign is illuminated.**



Your partner in plastics technology



PAINTED  
STAINLESS  
STEEL



UV PRINT  
ACRYLIC



ANY COLOUR  
TO MATCH  
YOUR BRAND



# FRONT & BACK LIT SIGNS

Front and Back Lit Signs combine the best of both worlds, offering bright, direct illumination from the front with a soft halo glow from behind. This dual-lighting effect creates a dynamic, high-impact look that feels both premium and modern, ideal for brands that want to be noticed from every angle.

We craft the signs using your choice of acrylic or stainless steel, offering a refined, professional finish.

Custom colour options available. We'll UV print or powder coat your sign to match any RGB, HEX, or CMYK code, or choose from our range of metal colours and finishes.

*\*UV printed brand colours will display lighter when the sign is illuminated.*



PAINTED  
STAINLESS  
STEEL



UV PRINT  
ACRYLIC



ANY COLOUR  
TO MATCH  
YOUR BRAND



# FULLY ILLUMINATED SIGNS

Fully Illuminated Signs are designed to shine. With light diffused through the entire face and sides of each letter or shape, this style delivers a clean, modern glow that stands out in any environment. Sleek, seamless, and highly visible, it's the ultimate choice for making a bold, contemporary statement.

Available in precision-cut acrylic for a smooth, polished finish.

Tailor your sign to your brand. We can match any RGB, HEX, or CMYK code with UV printing.

**\*UV printed brand colours will display lighter when the sign is illuminated.**



UV PRINT  
ACRYLIC



ANY COLOUR  
TO MATCH  
YOUR BRAND



# LIGHTBOX SIGNS

Lightbox Signs are a fully illuminated signage solution designed to deliver maximum visibility day or night. Built with high-quality LED modules housed inside a durable acrylic or stainless steel frame, these signs provide bright, even light distribution across your graphic or logo. Perfect for retail, hospitality, events, and commercial environments, Lightbox Signs offer a sleek, modern finish that brings your branding to life.

We can create all types of lightboxes, from slim light boxes, which are 1cm thick to single sided and double sided lightboxes.

\*UV printed brand colours will display lighter when the sign is illuminated.



PAINTED  
STAINLESS  
STEEL



UV PRINT  
ACRYLIC



ANY COLOUR  
TO MATCH  
YOUR BRAND

# INSTALLATION OPTIONS

## INDIVIDUAL LETTER

Individual Letter installation is ideal for permanent signage and offers the cleanest, most professional finish. Each letter is mounted directly to the surface using one of our three mounting options.

Wiring is concealed through the back of the wall or mounting panel, and can be either hardwired into mains power or connected to the included plug-in adaptor, making for a seamless, streamlined setup.



QUALIFIED  
ELECTRICIAN  
REQUIRED

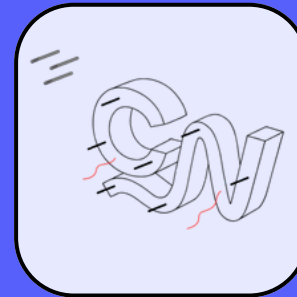


QR CODE  
INSTRUCTIONS  
AND HARD COPY  
TEMPLATE  
INCLUDED

### IMPORTANT:

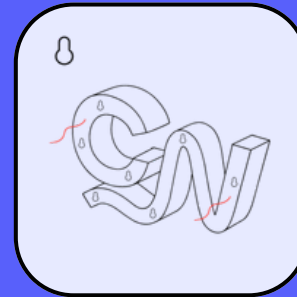
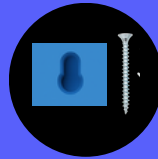
**A qualified electrician is required for Individual Letter installations.**

## MOUNTING STUDS



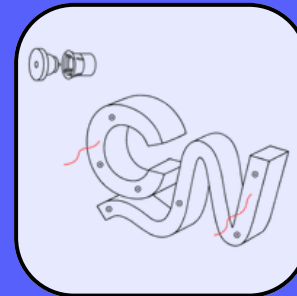
- Mounting studs are ideal for installations where there is direct access behind the wall, mounting board, or surface. This method allows the sign to sit flush against the surface for a sleek, low-profile look. It's a highly durable option perfect for outdoor applications, ensuring your sign remains secure and resilient in all weather conditions.

## KEYHOLE MOUNT



- Keyhole mounts are an excellent choice for signs that need to sit flush against a wall. This installation method provides a clean, secure finish and is best suited for medium to lightweight signs where rear wall access is not required.
- It's a simple and effective option for both commercial and residential spaces.

## CLIP-IN ACRYLIC STANDOFFS



- Clip-in acrylic standoffs are an ideal option if you're looking for a sign that sits slightly off the wall for added depth and dimension. Using this simple installation process, the sign easily clicks into place, creating a clean 15mm offset from the wall for a modern, floating effect.

# INSTALLATION OPTIONS

## BACKING PANEL

Backing panel installation is a great DIY-friendly option. These signs are easy to install for a quick setup. Choose from a variety of backing panel shapes and styles to suit your space. All backing panels come with a standard screw kit, and optional mounting kits are also available for added convenience.

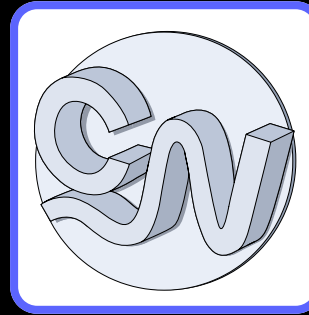


### EASY TO INSTALL

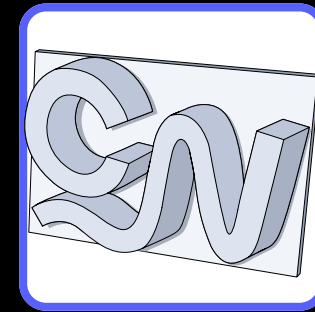
**An easy installation option. Backing panel installation options include a standard screw set. A qualified electrician is required for signs with individual letters and no backing panel.**



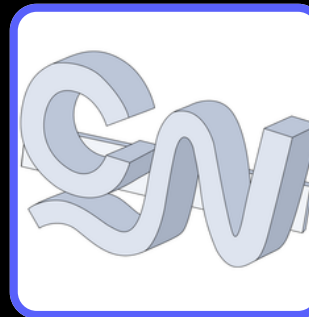
## CIRCLE



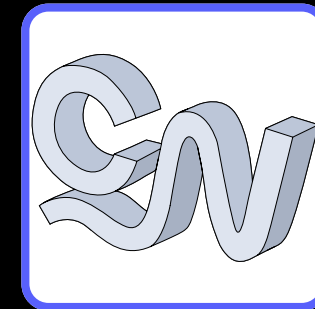
## RECTANGLE



## RACEWAY



## NO BACKING PANEL



# TECHNICAL INFORMATION



<b>Backlit</b>									
<b>Front and side material options</b>	Acrylic - standard	304 stainless steel - standard	201 stainless steel - upgrade						
<b>Back material options</b>	Frosted acrylic								
<b>Front colour options</b>	UV printed acrylic with any CMYK or Pantone colour	Painted stainless steel with any CMYK or Pantone colour	Black acrylic	Silver coloured stainless steel	Gold coloured stainless steel	Titanium Black coloured stainless steel	Bronze coloured stainless steel	Light Gold coloured stainless steel	Rose Gold coloured stainless steel
<b>Acrylic finish options</b>	Matte UV print								
<b>Stainless steel finish options</b>	Matte painted stainless steel with any CMYK or Pantone colour	Mirrored	Brushed	Lightly brushed					
<b>Front Lit</b>									
<b>Front material options</b>	Frosted acrylic								
<b>Front colour options</b>	UV printed acrylic with any CMYK or Pantone colour	Frosted acrylic							
<b>Side and back material options</b>	Stainless steel	Frosted acrylic							
<b>Edge border (optional with stainless steel side)</b>	5mm edge border - standard								
<b>Side and back colour options</b>	Painted stainless steel with any CMYK or Pantone colour	Acrylic UV printed with any CMYK or Pantone colour							

# TECHNICAL INFORMATION



<b>Front &amp; Back Lit</b>									
<b>Front material options</b>	Frosted acrylic								
<b>Front colour options</b>	UV printed acrylic with any CMYK or Pantone colour	Frosted acrylic	White acrylic						
<b>Edge border (optional with stainless steel side)</b>	Must be stainless steel side standard edge border is (5mm standard)								
<b>Back material options</b>	Frosted acrylic								
<b>Side colour</b>	UV printed acrylic with any CMYK or Pantone colour								
<b>Fully Illuminated</b>									
<b>Face (front &amp; side) material</b>	Frosted acrylic								
<b>Back material</b>	Frosted acrylic								
<b>Face colour</b>	UV printed acrylic with any CMYK or Pantone colour	Frosted acrylic							
<b>Side colour</b>	UV printed acrylic	Frosted acrylic							
<b>Light Boxes</b>									
<b>Face (front) material</b>	Acrylic								
<b>Back material</b>	Stainless Steel (unless slim lightbox)								
<b>Side Material</b>	Stainless Steel (unless slim lightbox)								
<b>Side and back colour options</b>	Painted stainless steel with any CMYK or Pantone colour	Acrylic UV printed with any CMYK or Pantone colour	Stainless Steel (unless slim lightbox)						

# TECHNICAL INFORMATION - ALL SIGNS

<b>Light source</b>	LED Strip / LED Module						
<b>LED colour and colour temperature</b>	Cool White 10000K-12000K	Daylight White 5750K-6570K	Natural White 4200K-4650K	Warm White 3050K-3350K	Red 631nm	Blue 455nm	Green 515nm
<b>Total depth: Acrylic Signs</b>	4cm Standard (Fully Illuminated) 2.5cm Standard (All other types) Options: 2cm / 2.5cm / 3cm / 4cm						
<b>Total depth: Stainless Steel Signs</b>	3cm Standard Backlit 4cm Standard (All other types) Options: 3cm / 4cm / 5cm / 6cm / 7cm / 8cm / 9cm						
<b>Back depth (Included in total depth)</b>	12mm - standard						
<b>Minimum letter/piece size</b>	Acrylic 1cm	Stainless steel 1cm					
<b>Voltage</b>	12V						
<b>Wattage</b>	7W/m						
<b>Application</b>	Indoor & Outdoor						
<b>LED type</b>	2835 SMD LED - standard	3030 SMD LED - Large signs with pieces over					
<b>Warranty</b>	3 years						
<b>Rated life</b>	30,000-100,000 hours						

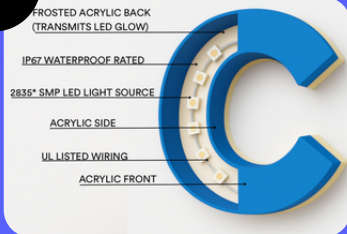
# TECHNICAL INFORMATION - ALL SIGNS

<b>Certifications</b>	RHOS	CE	UL	IP67				
<b>Lumens</b>	Cool White 672 lm/m	Daylight White 660 lm/m	Natural White 672 lm/m	Warm White 648 lm/m	Red 135 lm/m	Pink 300 lm/m	Blue 85 lm/m	Green 333 lm/m
<b>Dimmable</b>	10-100% with most incandescent, low voltage magnetic and low voltage electronic dimmers							
<b>Size restrictions</b>	3cm-100cm per acrylic piece	10-100cm for stainless steel piece						
<b>Rating</b>	IP67							
<b>Storage temperature</b>	-10°C (14°F) to 30°C (86°F)							
<b>Operating temperature</b>	-25°C (-13°F) to 45°C (113°F)							
<b>CRI</b>	80Ra	80Ra	80Ra	80Ra	80Ra	80Ra	80Ra	80Ra
<b>Installation points (Backing panel)</b>	Backing panel - minimum 4 installation points per corner							
<b>Installation points (Individual)</b>	Individual letter - minimum 3 installation points per letter on most shapes/letters							
<b>Wiring</b>	Transparent wiring under 100cm in total per piece	Commercial grade wire over 100cm in total per piece (standard)						
<b>Mounting options - Individual Letter</b>	Clip-in Acrylic Standoff - Set Back 15mm	Keyhole - Flush to wall	Mounting Studs - Flush to wall					
<b>Mounting options - Acrylic backing panel</b>	Mounting Kit - Set back	Screw Kit - Flush to wall	Hanging Kit (acrylic backing panel only)					

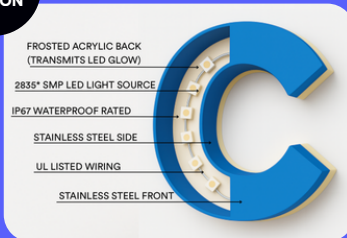
# TECHNICAL DRAWINGS - ALL SIGNS

## BACKLIT

ACRYLIC OPTION

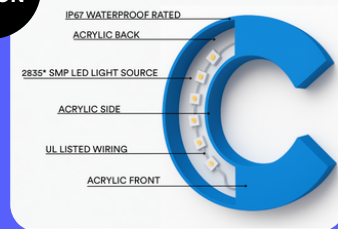


STAINLESS STEEL OPTION

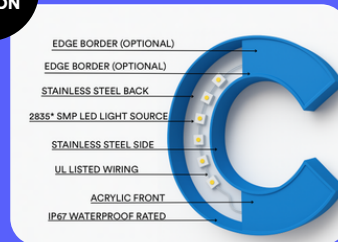


## FRONT LIT

ACRYLIC OPTION

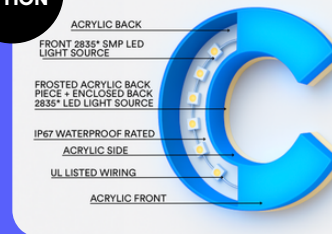


STAINLESS STEEL OPTION

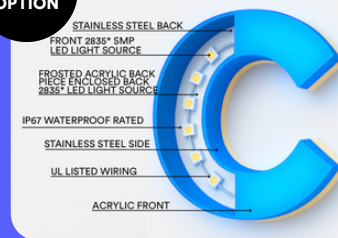


## FRONT & BACK LIT

ACRYLIC OPTION

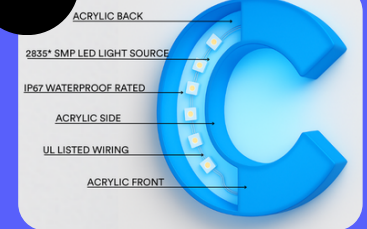


STAINLESS STEEL OPTION



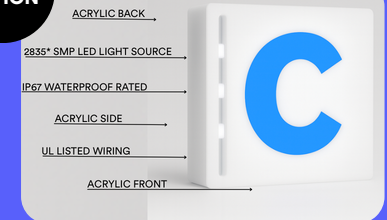
## FULLY ILLUMINATED

ACRYLIC OPTION

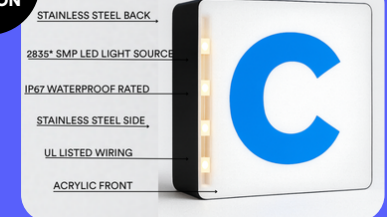


## LIGHTBOX

ACRYLIC OPTION



STAINLESS STEEL OPTION



\* 3030 SMD LED - large signs with pieces over 100cmx100cm

# STANDARD INCLUSIONS

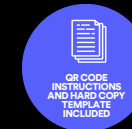
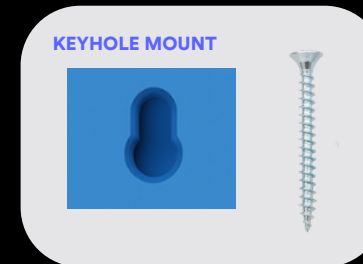
## BACKING PANEL INSTALLATION INCLUSIONS

- Standard screw kit.
- Power adaptor (Note: Larger signs may require multiple power exit cords, all of which connect to the adaptor.)
- Optional extras include hanging kits for signs that need to be suspended from the ceiling or roof.



## INDIVIDUAL LETTER INSTALLATION INCLUSIONS

Individual letter installation inclusions vary depending on the installation option you choose. All individual installation options come with the hardware required to install the sign. Each sign will also come with instruction manuals and hard copy templates to assist with installation. All individual letter installations must be completed by a qualified electrician.



# LIGHT, *YOUR WAY.*

**IF YOU HAVE ANY  
QUESTIONS PLEASE  
GET IN TOUCH  
WITH US.**



[info@customneon.co.uk](mailto:info@customneon.co.uk)

020 3608 5978

