

CUSTOM
ILLUMINATED
SIGNAGE



CUSTOM
NEON™

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 COLOR 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 COLOR 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 color options. The sign's face and sides can be any color to match your brand or upgrade to a premium metal finish, offering a refined look in various colors and high-end textures.

ACRYLIC & STAINLESS STEEL COLORS

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



PAINTED
STAINLESS
STEEL



UV PRINT
ACRYLIC

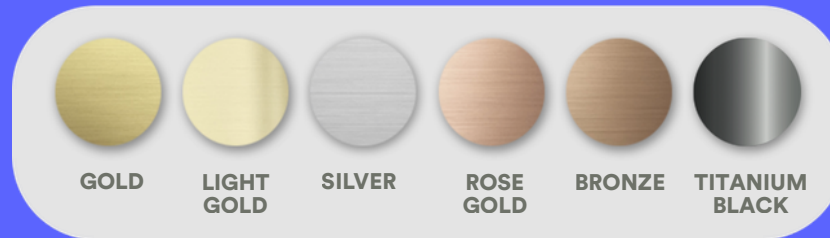


ANY COLOR
TO MATCH
YOUR BRAND

LED COLORS



PREMIUM METAL COLORS



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



**PAINTED
STAINLESS
STEEL**



**UV PRINT
ACRYLIC**



**ANY COLOR
TO MATCH
YOUR BRAND**





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.

Customized 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 colors and finishes.

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



Your partner in plastics technology



PAINTED
STAINLESS
STEEL



UV PRINT
ACRYLIC



ANY COLOR
TO MATCH
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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 color 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 colors and finishes.

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



PAINTED
STAINLESS
STEEL



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ACRYLIC



ANY COLOR
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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 colors will display lighter when the sign is illuminated.**



UV PRINT
ACRYLIC



ANY COLOR
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 0.4" thick to single sided and double sided lightboxes.

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



**PAINTED
STAINLESS
STEEL**



**UV PRINT
ACRYLIC**



**ANY COLOR
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 adapter, making for a seamless, streamlined setup.



QUALIFIED
ELECTRICIAN
REQUIRED

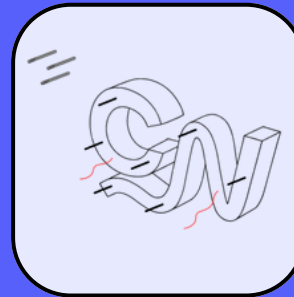


QR CODE
INSTRUCTIONS
AND HARD COPY
TEMPLATE
INCLUDED

IMPORTANT:

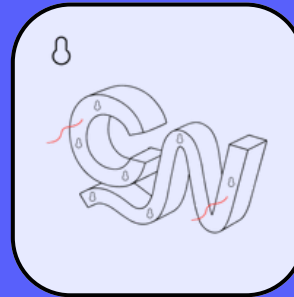
A qualified electrician is required for Individual Letter installations.

MOUNTING STUDS



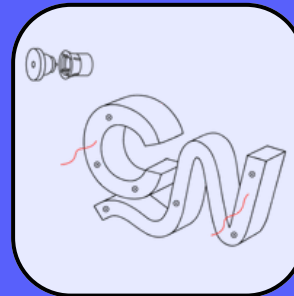
- Mounting studs are ideal for installations where there is direct access behind the wall, mounting board, or surface. This method allows the sign to sit flush against the surface for a sleek, low-profile look. It's a highly durable option perfect for outdoor applications, ensuring your sign remains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

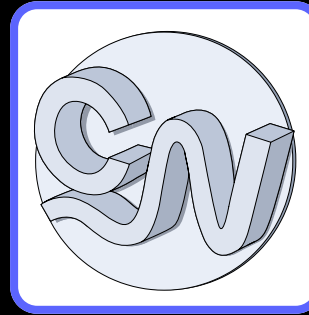


EASY TO INSTALL

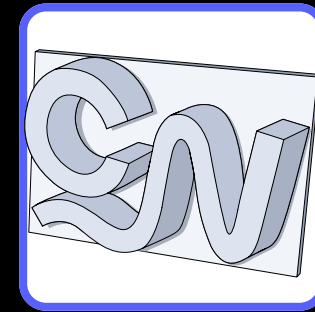
An easy installation option. Backing panel installation options include a standard screw set. A qualified electrician is required for signs with individual letters and no backing panel.



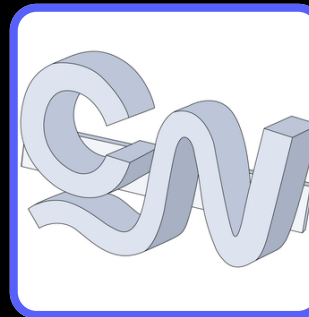
CIRCLE



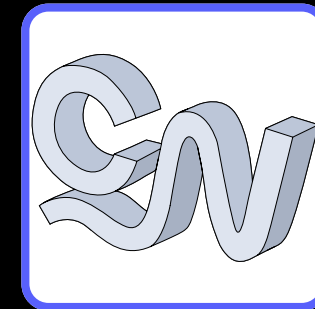
RECTANGLE



RACEWAY



NO BACKING PANEL



TECHNICAL INFORMATION



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

TECHNICAL INFORMATION



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

TECHNICAL INFORMATION - ALL SIGNS

Light source	LED Strip / LED Module						
LED color and color temperature	Cool White 10000 K-12000 K	Daylight White 5750 K-6570 K	Natural White 4200 K-4650 K	Warm White 3050 K-3350 K	Red 631 nm	Blue 455 nm	Green 515 nm
Total depth: Acrylic Signs	1.6" Standard (Fully Illuminated) 1" Standard (All other types) Options: 2CM / 2.5CM / 3CM / 4CM						
Total depth: Stainless Steel Signs	1.2" Standard Backlit 1.6" Standard (All other types) Options: 3cm / 4cm / 5cm / 6cm / 7cm / 8cm / 9cm						
Back depth (Included in total depth)	12mm - standard						
Minimum letter/piece size	Acrylic 0.4"	Stainless steel 0.4"					
Voltage	12V						
Wattage	7W/m						
Application	Indoor & Outdoor						
LED type	2835 SMD LED - standard						
Warranty	3 years						
Rated life	30,000-100,000 hours						

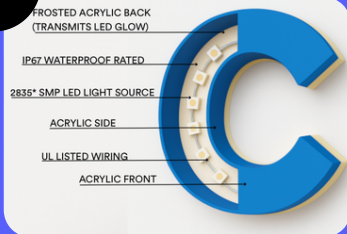
TECHNICAL INFORMATION - ALL SIGNS

Certifications	RHOS	CE	UL	IP67				
Lumens	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
Dimmable	10-100% with most incandescent, low voltage magnetic and low voltage electronic dimmers							
Size restrictions	1.2"-39" per acrylic piece	3.9"-39" for stainless steel piece						
Rating	IP67							
Storage temperature	14°F (-10°C) to 86°F (30°C)							
Operating temperature	-13°F (-25°C) to 113°F (45°C)							
CRI	80Ra	80Ra	80Ra	80Ra	80Ra	80Ra	80Ra	80Ra
Installation points (Backing panel)	Backing panel - minimum 4 installation points per corner							
Installation points (Individual)	Individual letter - minimum 3 installation points per letter on most shapes/letters							
Wiring	Transparent wiring under 39" in total per piece	Commercial grade wire over 39" in total per piece (standard)						
Mounting options - Individual Letter	Clip-in Acrylic Standoff - Set Back 15mm	Keyhole - Flush to wall	Mounting Studs - Flush to wall					
Mounting options - Acrylic backing panel	Mounting Kit - Set back	Screw Kit - Flush to wall	Hanging Kit (acrylic backing panel only)					

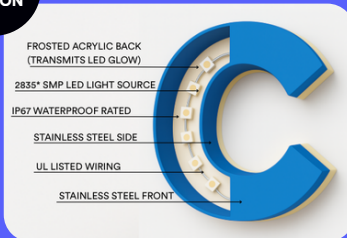
TECHNICAL DRAWINGS - ALL SIGNS

BACKLIT

ACRYLIC OPTION

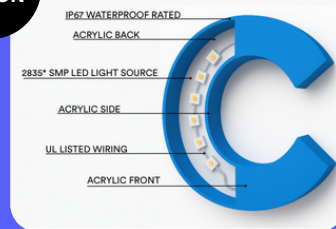


STAINLESS STEEL OPTION

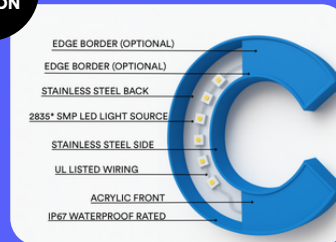


FRONT LIT

ACRYLIC OPTION

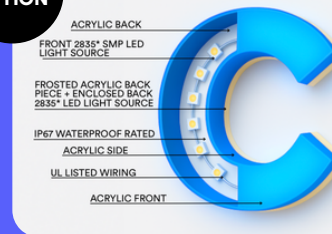


STAINLESS STEEL OPTION

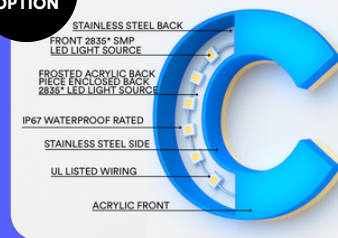


FRONT & BACK LIT

ACRYLIC OPTION

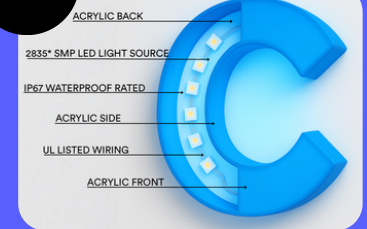


STAINLESS STEEL OPTION



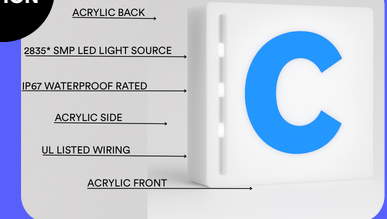
FULLY ILLUMINATED

ACRYLIC OPTION

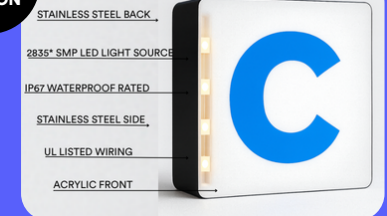


LIGHTBOX

ACRYLIC OPTION



STAINLESS STEEL OPTION



* 3030 SMD LED will be used for large signs with pieces over 39"x39"

STANDARD INCLUSIONS

BACKING PANEL INSTALLATION INCLUSIONS

- Standard screw kit.
- Power adapter (Note: Larger signs may require multiple power exit cords, all of which connect to the adapter.)
- 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.com

888 262 4851

