

OUR MISSION

THE QUALITY of a product is defined; not just by its physical characteristics, but the intangible aspects of a customer's experience from the start of the order to the end.

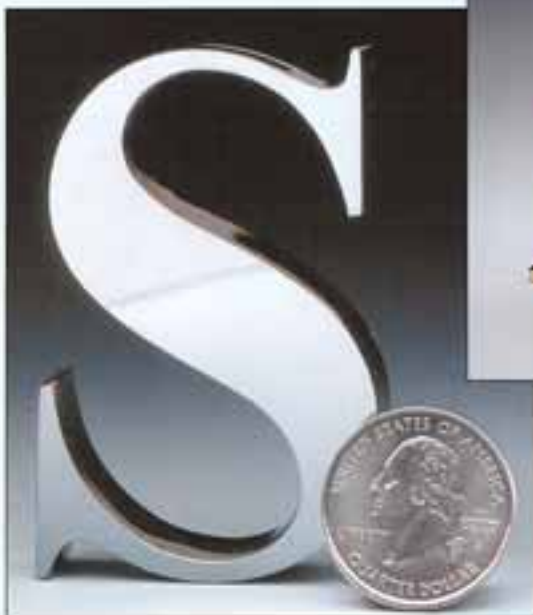
Since 1992, US Sign and Fabrication has been manufacturing custom architectural letters, logos and dimensional graphics for the global sign industry. Since then we have become recognized for producing the finest crafted fabricated metal products within the sign industry while maintaining the distinction for being the most cost effective supplier available.

Our ongoing research into new materials and technology ensures that we will remain on the forefront of industry capability. Our commitment goes farther than a high quality and cost effective product. We pride ourselves on prompt and accurate quotations with prompt and accurate delivery of orders. We have a professional sales, customer service and design staff that is committed to your satisfaction.

PLATEPLUS™

SUPERIOR FEATURES AND LOWER PRICING = VALUE

Our proprietary technology enables the fabrication of small plate sized letters and logos that would normally be cut or cast from solid materials. Our custom process using prefinished sheet material is cost effective and provides better finishing and greater flexibility in design. As standard we offer fully finished faces and returns and premium blended edges. These standard features look great and the cost advantages have been well recognized within the industry as demonstrated by the consistent year-to-year increase in orders. Your benefit is the ability to bid a project with an esthetically pleasing finished product at lower cost and a higher profit margin.



PLATEPLUS™ SPECIFICATIONS

Benefits of PlatePlus

- As small as 2" in height
- Standard polished returns
- Standard premium blended edges
- Savings up to 30% from cast or cut out letters
- Stainless Steel available at aluminum prices
- Lightweight for adhesive installation and cost effective shipping

PlatePlus Available Materials and Finishes

Material	Finishes
Stainless Steel	Polished, Satin, Non-directional, Polyurethane Painted
Brass	Polished, Satin, Non-directional, Oxidized (custom)
Copper	Polished, Satin, Non-directional, Verdigris Patina
Titanium	Polished Gold, Satin Gold, Polished Bronze, Satin Bronze

Please note that Pantone® colors are for reference only and cannot be matched exactly. Oxidized and verdigris patina finishes will not maintain consistency of finish from piece to piece.

PlatePlus Material Gauges

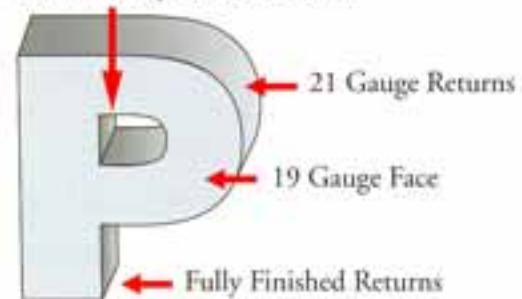
Gauge	Decimal	MM
19	.041	1.0
21	.032	.08
24	.023	.06

PlatePlus Manufacturing Tolerances

- Height: 2" - 48"
- Depth: 1/4" - 3/4"
- Minimum Stroke: 3/16"

PlatePlus Construction Details

Continuously Soldered Seams



PlatePlus Mounting Details



Strap, with Stud



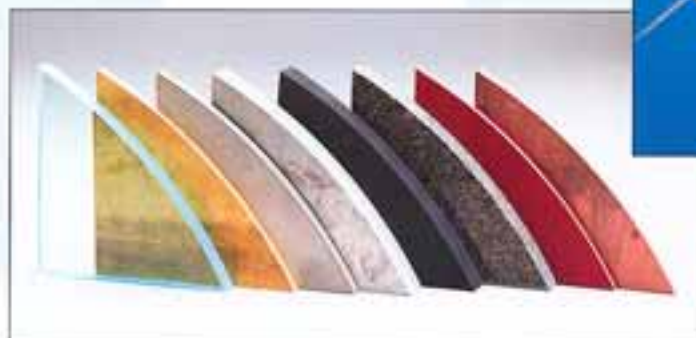
Strap, with VHB Tape



ABRASIVE WATERJET SERVICES

VERSATILE – ACCURATE – FAST

To COMPLEMENT our proprietary metal fabrication capabilities, we also offer the latest in abrasive water-jet cutting technology. Our advanced system generates 55,000 psi of pressurized water mixed with cutting abrasives. This technology enables us to cut a wide array of materials quickly and cleanly including – but not limited to – metal, glass, stone, marble and composites. The 12' x 6' cutting area allows us to cut large pieces of material that might be as thin as 1/16" or as thick as 8". Our technology is accurate to $\pm .005"$. This tolerance enables us to cut duplicate pieces with flawless repetition, leaving sharp and clean edges that cannot be duplicated by any other type of cutting equipment. The edge quality provided by our high pressure system is exceptional, resembling that of a sandblasted finish.



TITANIUM...IT WILL NOT TARNISH YOUR FIRST DURABLE SOLUTION FOR BRASS AND BRONZE OUTDOORS

TITANIUM clad stainless steel is a superior alternative to brass and bronze because it will not tarnish – even outdoors. The material has the appearance of brass or bronze, but will not corrode over time. Actual titanium nitride ions are bonded in high temperature vacuum chambers by a process called vapor deposition. The titanium nitride is permanently bonded to the stainless steel creating a dense, hard and durable finish. The material requires no protective clear coat or periodic maintenance, except for an occasional cleaning with a soft cloth, soap and water. We have been so pleased with the products' enduring characteristics that we guarantee it for 7 years.



The McGraw-Hill Companies 

TITANIUM SPECIFICATIONS

Benefits of Titanium

- Impervious to the elements
- Will not pit, tarnish or discolor when used outdoors
- Standard polished returns
- Standard premium blended edges
- Available at Brass prices
- Guaranteed for 7 years

Titanium Available Finishes

- Polished Gold
- Satin Gold
- Polished Bronze
- Satin Bronze

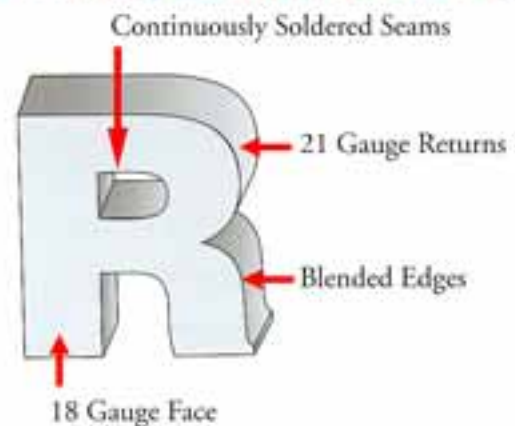
Titanium Material Gauges

Gauge	Decimal	MM
18	.047	1.2
19	.041	1.0
21	.032	.08

Titanium Manufacturing Tolerances

- Height: 4" - 48"
- Depth: 1/4" - 6"
- Minimum Stroke: 3/16"

Titanium Construction Details



Titanium Mounting Details



L-Clip, Fixed



L-Clip, Removable



Strap, with Stud



Strap, with VHB Tape



Lexan Back

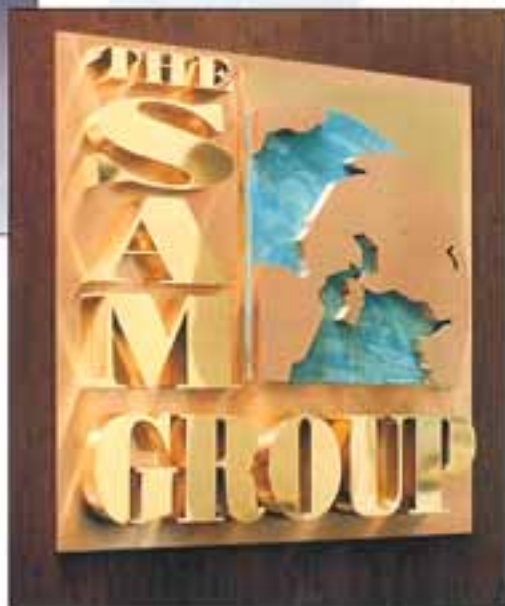
CUSTOM FABRICATED PLAQUES

EXPAND YOUR SALES BASE AND INCREASE YOUR PROFIT MARGIN

We fabricate our PLAQUES backgrounds in traditional or custom shapes and then apply our dimensional lettering, or etching with paint fill, all according to customer specifications. Alternatively you can order our custom fabricated blanks and apply your own vinyl, engraving or silk screening.

We also water-jet cut graphics out of the plaque face for insertion of complementary or contrasting materials. Our custom fabricated plaques offer the

ability to combine materials and finishes, providing design flexibility, higher perceived value and quality while increasing your profit margins. Our plaques use less material and thus are lighter in weight, making them easier to install and more cost effective to manufacture and ship. Since all components are custom fabricated, we eliminate the set-up charges typically associated with cast plaques.



FABRICATED PLAQUES SPECIFICATIONS

Benefits of Fabricated Plaques

- 100% custom for maximum design flexibility
- Cost savings up to 40% over solid cast plaques
- Light weight for easy installation and less expensive shipping

Plaque Available Materials and Finishes

Material	Finishes
Stainless Steel	Polished, Satin, Non-directional, Polyurethane Painted
Brass	Polished, Satin, Non-directional, Oxidized (custom)
Copper	Polished, Satin, Non-directional, Verdigris Patina
Titanium	Polished Gold, Satin Gold, Polished Bronze, Satin Bronze

Use complimentary or contrasting materials and finishes, to create the custom plaque that is right for you. Add etched, vinyl, or engraved graphics for added value and enhanced design.

Plaque Material Gauges

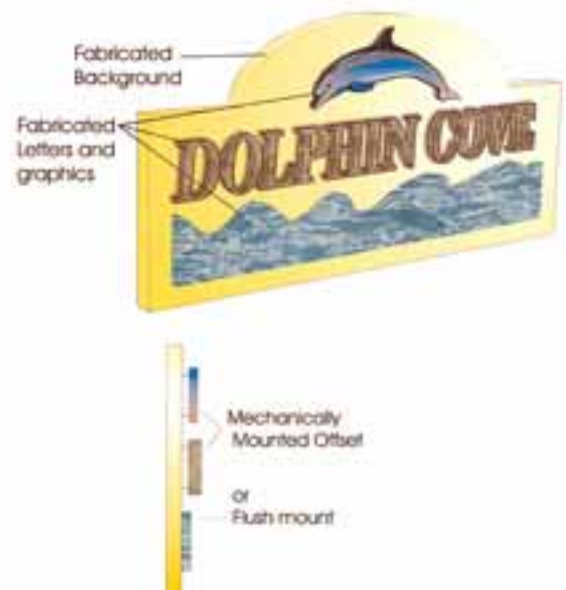
Gauge	Decimal	MM
18	.047	1.2
19	.041	1.0
21	.032	.08

Material thickness used is determined by the height and depth of pieces to be fabricated.

Plaque Manufacturing Tolerances

- Height: 48"
- Width: 48"
- Depth: Minimum for background is 1/2"
Minimum for applied dimensional graphics is 1/4"
Minimum Stroke width of 3/16" for applied dimensional graphics

Plaque Construction Details



Plaque Mounting Details



Strap, with Stud



Strap, with VHB Tape



L-Clip, Fixed



L-Clip, Removable

REVERSE CHANNEL

SUPERIOR CRAFTSMANSHIP GUARANTEED

We specialize in fabricated reverse channel construction using premium metals: stainless steel, brass, copper, titanium clad stainless steel or, by special request, aluminum. Superior craftsmanship and attention to detail, combined with our proprietary technology, makes our reverse channel products the finest in the industry. As a standard production process, the majority of our products' edges are ground seamless and fully blended with a continuous soldered seam – a claim no other manufacturer can make. We feel such confidence in our workmanship that we guaranteed the construction for the useful life of the product.



Merrill Lynch

REVERSE CHANNEL SPECIFICATIONS

Benefits of Reverse Channel

- Cost effective – Stainless Steel at the price of others' aluminum
- Standard premium blended edges
- Continuously soldered seams
- Reinforced mounting straps
- Non Tarnishing Titanium available at others' brass prices

Reverse Channel Available Materials and Finishes

Material	Finishes
Stainless Steel	Polished, Satin, Non-directional, Polyurethane Painted
Brass	Polished, Satin, Non-directional, Oxidized (custom)
Copper	Polished, Satin, Non-directional, Verdigris Patina
Titanium	Polished Gold, Satin Gold, Polished Bronze, Satin Bronze

Please note that Pantone® colors are for reference only and cannot be matched exactly. Oxidized and verdigris patina finishes will not maintain consistency of finish from piece to piece.

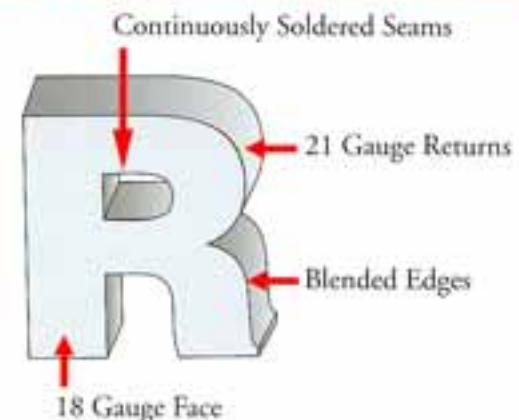
Reverse Channel Material Gauge

Gauge	Decimal	MM
18	.047	1.2
19	.041	1.0
21	.032	.8

Reverse Channel Manufacturing Tolerances

- Height: 2" - 48"
- Depth: 1/4" - 6"
- Minimum Stroke: 3/16"

Reverse Channel Construction Details



Reverse Channel Mounting Details



L-Clip, Fixed



L-Clip, Removable



Strap, with Stud



Strap, with VHB Tape



Lexan Back

TRIMPLUS™

LIGHT UP YOUR CLIENTS WITH TRIMPLUS

TRIMPLUS is an enhancement of the traditional neon-lit trim-cap letter construction that is widely used in the sign industry. Using our proprietary fabrication process we seamlessly trim the letter face with a 3/8" or more of finished metal to create a beautiful and seamless frame for the acrylic insert. The acrylic inserts are available in either a translucent flat or a formed face that can be illuminated using our MicroLite™ fiber optic technology, or set up for neon illumination by others. Illuminated or non-illuminated, this product stands out as "very custom" and "very elegant". Available in stainless steel, brass, copper and titanium, TrimPlus is sure to enhance your client's image and increase your sales potential.

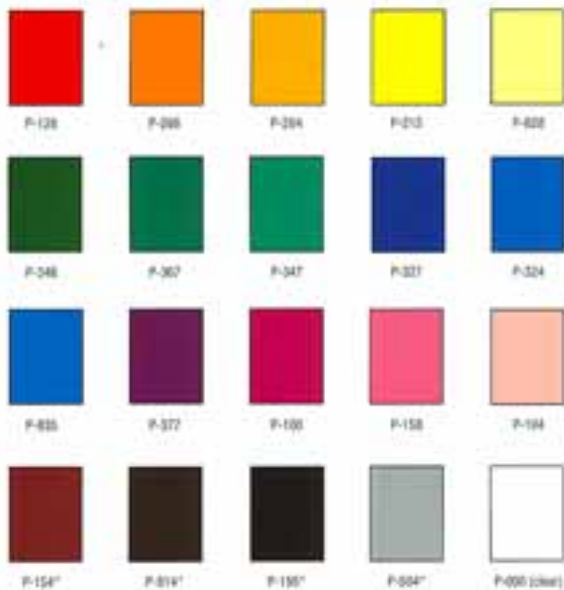


TRIMPLUS™ SPECIFICATIONS

Benefits of TrimPlus

- Seamless – no unsightly plastic trim-cap retainer
- No unsightly fastening screws
- Continuous blended metal from face to sides
- A beautiful transition from the metal face to the acrylic insert
- Flat or custom formed (molded) acrylic inserts
- Numerous acrylic colors available
- Illumination with fiber optics by US Sign or neon by others

TrimPlus Available Acrylic Colors



* Denotes opaque colors. Not recommended for illumination.

Translucent vinyl over clear acrylic also available.

Please note: Colors are approximations and may vary from the actual illumination

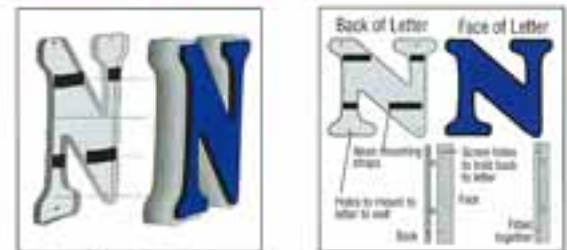
TrimPlus Manufacturing Tolerances

- Height: 8" - 48"
- Depth: 1" - 6"
- Minimum Stroke: 3/4" for acrylic molded insert
1/8" for flat acrylic insert

TrimPlus Insert Profiles



TrimPlus Neon Ready Profile



TrimPlus for Neon

TrimPlus Mounting Details:



L-Clip, Fixed



Fixed back for neon illumination

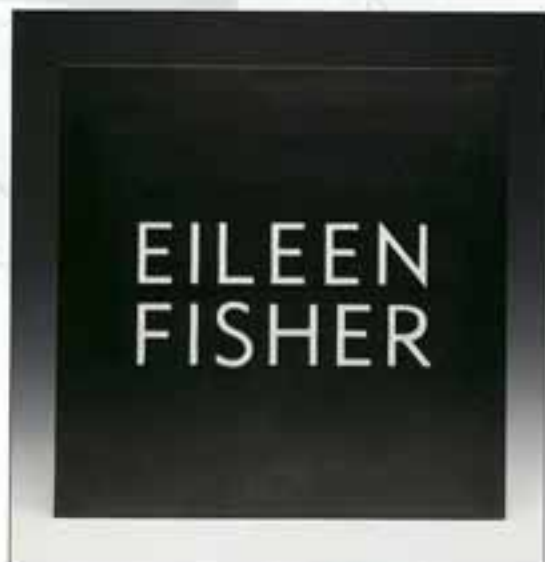


L-Clip, Removable

PHOTO CHEMICAL ETCHING

COST EFFECTIVE QUALITY ASSURED

ETCH and paint fill is recommend when graphics on a plaque are too small, or require too much detail to be applied dimensionally. Using the latest photo etching technology in combination with our proprietary fabrication process, we provide a product superior in quality and cost. Our plaque backgrounds are fabricated rather than cast or cut from solid plate material (the traditional methods), thus making them less expensive. Our plaques are available with beveled returns or right angle returns. Etched lettering can be raised or recessed, with single or multiple paint fill.



ETCHING SPECIFICATIONS

Benefits of Etching

- Design Flexible – all backgrounds are made to order
- Detail – characters as small as 1/16"
- Savings up to 30% over other manufacturers
- Light weight for cost effective shipping and easy installation

Etching Materials and Finishes for Custom Backgrounds

Material	Finishes
Stainless Steel	Polished, Satin, Non-directional
Brass	Polished, Satin, Non-directional, Oxidized
Copper	Polished, Satin, Non-directional, Verdigris

Etching Material Gauge

Gauge	Decimal	MM
18	.047	1.2
19	.041	1.0
21	.032	.08

Material thickness used is determined by the height and depth of pieces to be fabricated.

Etching Manufacturing Tolerances

- Height: 36" square
- Depth of background: .047-6"
- Depth of etch: .32"

Etching Mounting Details



Strap, with Stud



Strap, with VHB Tape



L-Clip, Fixed



L-Clip, Removable



MICROLITE™

FIBEROPTIC ILLUMINATION SYSTEM

MICROLITE is a revolutionary and patented fiberoptic illumination system ideal for small plate sized and even larger reverse channel letters. Our patented light delivery process provides uniform and brilliant halo or face-lit illumination.

- U.L. Approved
- Low Voltage
- Pre-assembled
- Easy to Install
- Maintenance Free

MicroLite creates a brilliant isolated halo for letters as small as 2" in height and 1/4" in depth. We offer two completely pre-assembled, easy to install systems. Our Ready Mount system includes the dimensional letters/logos with all the fiber optics preinstalled into the letters. Installation requires drilling of stud locations and in most cases, a single penetration point for the flexible fiberoptic cable. Our Panel Mount system features letters and dimensional graphics with preinstalled fiber optics which are then mounted onto a background, which can be supplied by you or by U.S. Sign. In either case, you are provided with a complete sign that is ready to be installed.



Fiberoptic MicroLite™ – For all those things neon can't do.

MICROLITE™ FIBEROPTIC ILLUMINATION SYSTEM SPECIFICATIONS

Input Voltage	Starting Current	Average Current
120VAC, 60Hz	4 Amps	1.8 Amps
220VAC, 50Hz	3 Amps	1.5 Amps
230 VAC, 50Hz	3 Amps	1.5 Amps
240VAC, 50Hz	3 Amps	1.5 Amps

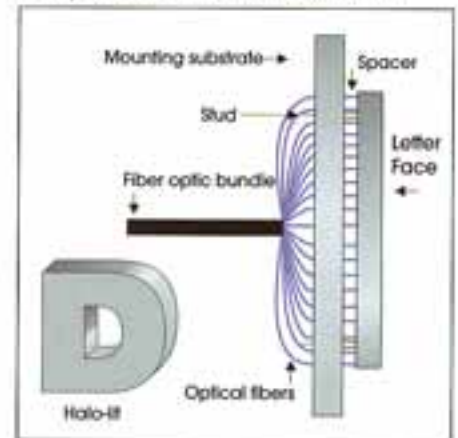
- **Power Consumption:** 200 Watts Maximum
- **Color Wheels:** Standard 4 Colors: White, Magenta, Green, Blue
- **Standard 8 Colors:** White, Magenta, Green, Blue, Yellow, Orange, Turquoise, Dark Blue
- **Lamp:** 150-Watt Metal Halide 10,000 Hours Average Life Expectancy
- **Operating Temperatures:** -22°F to 110°F / -30°C to 44°C
- **Dimensions:** 7"W x 12"L x 5"H (add 2.5" for color fiber head / add 9" for white light fiber head)
- **Weight:** 6 lbs.
- **Ventilation:** Forced ventilation 115CFM, 6" clearance required to nearest surface. 2" clearance between each illuminator
- **Safety Features:** *Thermal Protector* (shuts down illuminator when temperatures reach 150°F)
Current Protector (protects illuminator from current spikes)
Power Inlet (with 5 amp fuse)

MicroLite Color Selector

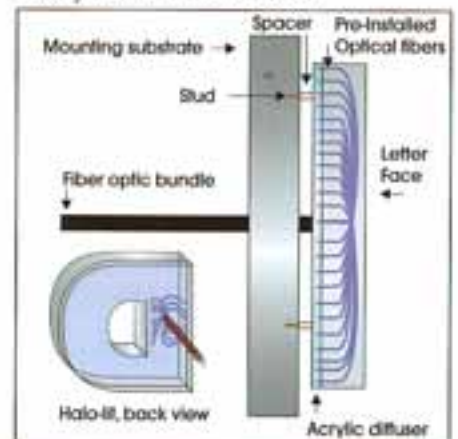


Please note: Colors are approximations and may vary from the actual illumination.

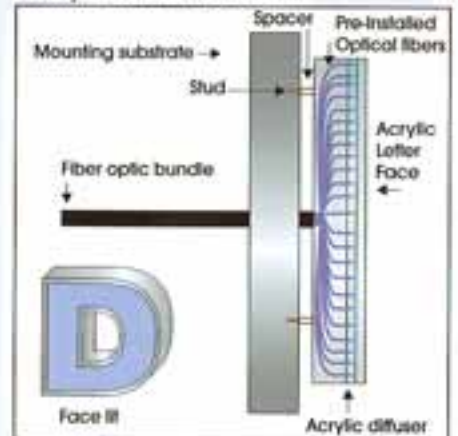
Ready Mount for Panel Installation



Ready Mount for Halo-lit



Ready Mount for Face lit



L.E.D ILLUMINATION SYSTEM

Using our custom crafted fabricated letter and logo forms we can insert state of the art L.E.D illumination. Our system offers flexibility for just about any illumination requirement. With a light beam spread of 180 degrees our system can be used to front-lite or halo-lite letter and logo forms as thin as 1.5" in depth.

With operating temperatures well below zero and well above 100 degrees Fahrenheit, our low voltage UL approved system is durable, color reliable and virtually maintenance free.

Installation is achieved in half the time of neon and does not require electrical permits or electricians to install. Installation requires drilling of stud locations and an additional hole for the low voltage wire. All letters and logo forms are shipped ready to install with pre-installed L.E.D's and easy to follow instructions.

**L.E.D's –
Alternative Illumination**



L.E.D ILLUMINATION SYSTEM SPECIFICATIONS

Colors

- White, Blue, Green, Red, Yellow and Orange.
- Custom colors can be achieved using translucent vinyl.

Performance

- As bright as single stroke 15mm neon.
- 180 degree beam spread for maximum light coverage.
- Designed for halo-lit, face-lit or both.
- Long life span.
- Extreme operating temperatures
– 50° to 125°F / 100% humidity.

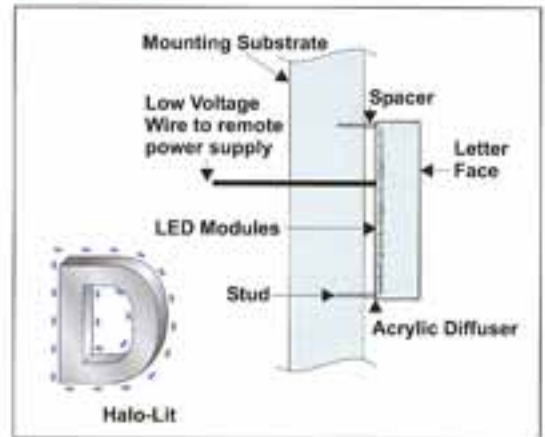
Installation

- Turn-key. LED's come pre-installed into letters.
- Installs in ½ the time of neon.
- Low voltage does not require electricians or electrical permits.
- All connections are quick connecting.

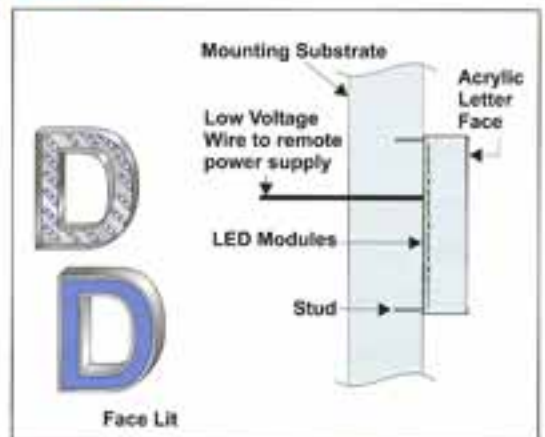
Power

- UL approved.
- 90% more energy efficient than neon.
- Power input is 110V / 2.5A
- Small and lighter power supply compared to a neon transformer.
- Power output is 12V

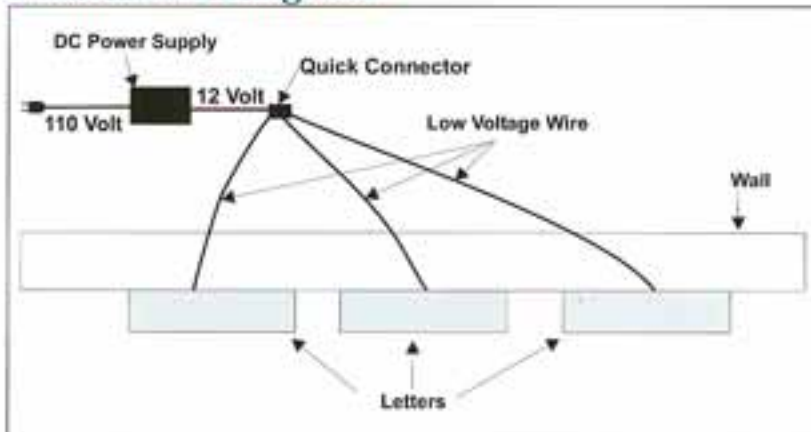
Halo-Lit



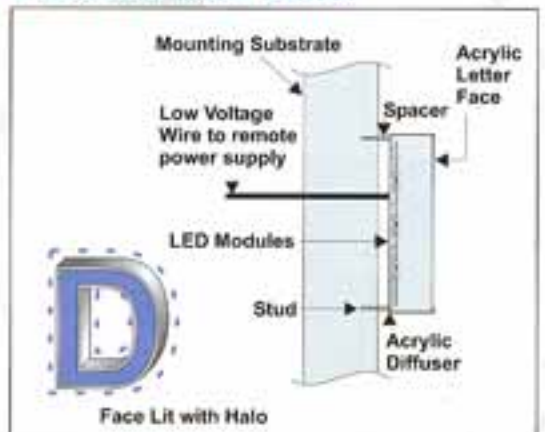
Face-Lit



Connection Diagram



Face-Lit with Halo



MONUMENT SIGN COLUMNS

Monument Sign Columns are an upscale alternative to typical sign mounting options. Monument Sign Columns are replicas of custom designed, hand-made pillars. They are constructed of Glass Fiber Reinforced Concrete (GFRC) cast over a galvanized steel frame. The benefit of using GFRC is that the finest level of detail may be molded while maintaining the required structural stability. Monument Sign Columns are both extremely durable and easily installed. There is no need for heavy machinery or expensive masons. When compared to columns built by masons you will be hard pressed to find the difference, unless you are looking at the shorter lead times and better costs of our pillars.



US Sign We Don't Just Build Signs... We Build Relationships.



All styles are available in 10 7/8" and 19" widths.
Pillars are available in 3, 4, 5, and 6 foot heights.



BEFORE:



AFTER:
STACKED STONE



AFTER:
LIMESTONE

