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COLOR ENVIRONMENTS

Designers and brand developers have the ability to work with several modes of color in today's environment. Options being standard color LEDs, DMX Systems, translucent vinyls, dual-color day/night films and acrylics. Let Steel Art help you sort through all these offerings!

ALL NEW! DMX SYSTEMS

Digital Multiplex Signal, or DMX for short, is a lighting control protocol that provides the user complete management over their LED lighting systems.

In practical terms, as applies to fabricated letters, the RGB or RGBW LEDs become individually addressable and are controlled by software programming and operated by a remote controlled computerized device.

Unique, stunning displays of colored light can be achieved with motion and special effects according to your individual creativity.



Actual controllers and remotes may vary.

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RGB & RGBW OPTIONS

While RGB has been offered for many years now, the more advanced DMX systems work very nicely customizing your display. RGBW adds a fourth dimension of uniqueness to your design, by integrating various temperatures of white light to the mix. Steel Art has put together some expert advice in how to make these color variations work the best for your application.



RGB



RGBW

The combination of RGB or RGBW LEDs can virtually make any color of the rainbow!

Ask your Project Manager for more information.

ADD **DMX** TO ANY FABRICATION!

Standard single color LEDs are Red, Green, Blue, Amber and Orange. Shown below are 4 of our most popular illuminated constructions. Many special effects can set apart a brand design and create a unique identifier with a companies products or services.

Call on Steel Art to answer your questions and provide additional information.

EdgeLit™ Design 100

Red LED

Green LED

Blue LED

Amber LED

Orange LED

EdgeLit™ Design 102

Red LED

Green LED

Blue LED

Amber LED

Orange LED

ThinTrim™

Face Illuminated
Blue LEDs

Perforated Vinyl Face
Colored Vinyl Backing

Painted
Perforated Vinyl

Face Lit with
Colored Vinyl

Day/Night
Blue Acrylic

Halo Illuminated

Red LED

Green LED

Blue LED

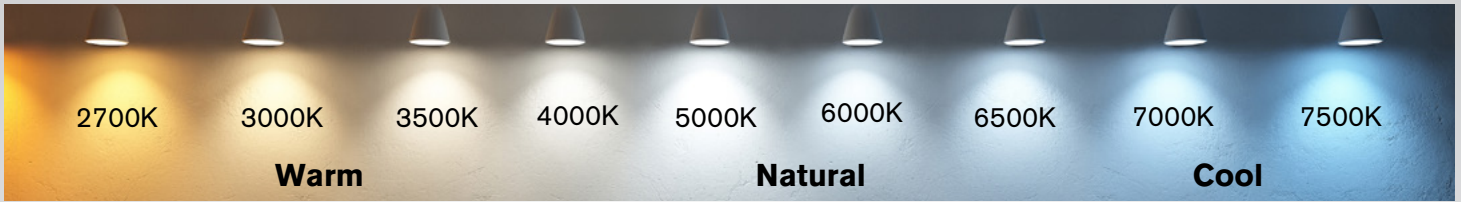
Amber LED

Orange LED

NOTE: Actual LED colors may vary from computer monitor and printed representations.

LOOK CLOSE

LED Facts



What is Kelvin (K) Value?

Kelvin is the measure of light ranging from warm to cool. Typical range for LEDs is 2700K to 7500K, being the most commonly supplied. 5000K is Natural White and all K values below that are considered Warm White. Not all module sizes are available in choices of K values, check with your Project Manager.

Scan this QR code or click on the guide to the right to view and download our Kelvin Guide



What is a Lumen?

A lumen is a measurement of the intensity of the LED light. In general, small modules have the lowest Lumens approx. 30 and larger modules have more intense light approx. 150 or higher Lumens. Too much light is not necessarily a good thing as it could lead to hot spots in some applications.

What function does the lens have in distributing light?

Years ago, 120 degree angle of light distribution was primarily all that was available. Light spread of up to 50 to 180 degrees is a standard offering. The wider spread of light, the fewer modules are used and the less likely that hot spots will occur, as well as provides a cost savings.

UL Listed Products

Steel Art is a UL Listed Manufacturing Facility. We are in compliance with all UL 48 standards.

UL Listing means that UL has tested representative samples of a product and determined that the product meets specific, defined requirements. These requirements are often based on UL's published and nationally recognized Standards for Safety.



Standards For All UL Listed Orders:

- UL Certification for Illuminated Letters
- UL Listed Power Supply Enclosure – Wet Rated
- UL Listed 60 watt Class 2 110-277v Power Supplies
- UL Listed 10' Cable Plenum Rated 18 gauge 2 conductor for each letter

UL Listed LEDs & Components:

- UL Listed 3 Conductor for grounding is available
- UL Listed Polycarbonate Backs
- UL Labels affixed to each sign section
- UL 48 Document Binder Supplied: Layout Drawing, Electrical Circuit Drawing, Specifications for all UL Components
- Quality Control Checked and Signed by Manufacturers UL Representative
- Monthly Factory Inspection by UL Field Representative
- Steel Art Company UL Listing E311574 for US and Canada

LED & Power Supply Offerings & Warranty

- All major brands of LEDs are in stock: HanleyLED, Bitro, Principle, Sloan, GE, AgiLight, etc.
- 10-Year LED Warranty
- Labor Warranty up to \$500



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