STRI Series
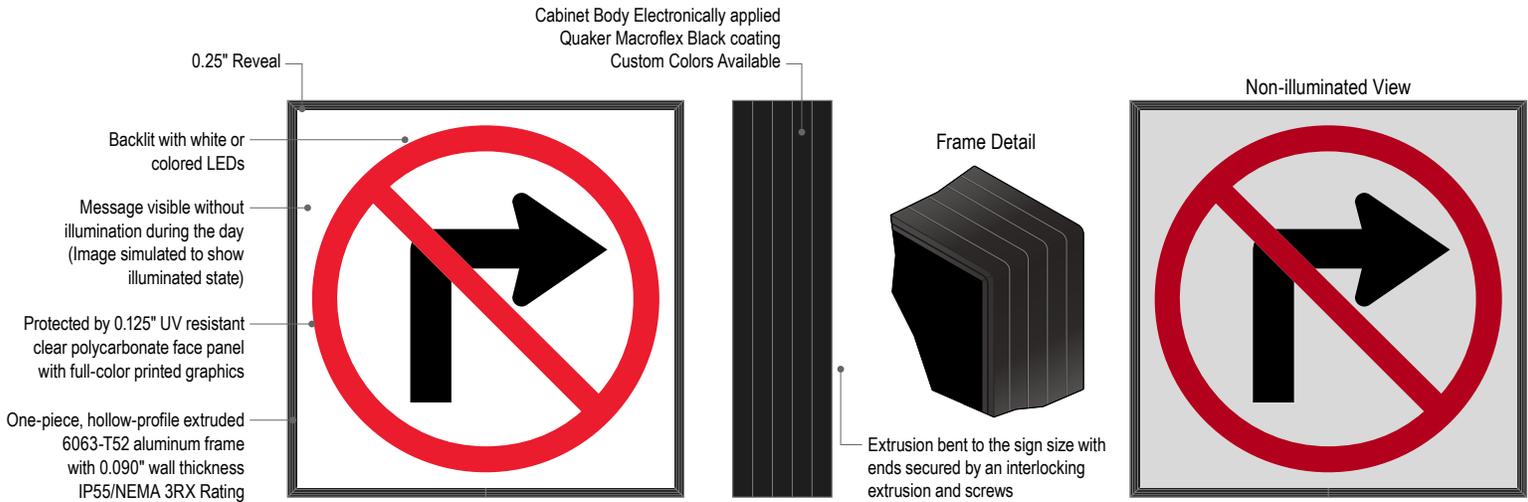## Full Face Backlit LED, Traffic Signs

Light it up!

Our STRI Series brings the best aspects of customization, readability, directional guidance, safety, and durability into one illuminated sign. Intended for outdoor traffic, pedestrian, and parking applications, these signs feature high-impact acrylic faces (they can be single- or double-sided) with an anti-glare coating, allowing for full graphic customization while increasing durability. The graphics of these signs are always visible, so these signs are designed with separate power inputs for backlit sections. They are illuminated by high-intensity, super-bright LEDs that enhance readability in low-light conditions. And because the graphics are always visible, we've designed this sign series with separate power inputs for the backlit sections. STRI Series signs can be continuously illuminated or controlled by a day/night timer to help lower energy costs.

These signs will face extreme elements - rain, snow, snowmelt, humidity, dust, and temperature swings - so they feature a 1-piece, corrosion-resistant, extruded aluminum frame. The cabinet and sign components can operate at temperatures between -40°F and +165°F and humidity ranges from 0 to 99 percent and are IP55/NEMA 3RX rated. The cabinet comes standard in a Duranodic Bronze finish, with custom paint colors available.

The STRI series is available in several sizes, many of which comply with MUTCD guidelines, and voltage options to fit your unique needs. Several mounting options are also available, including Lift'N Shift, Dual Angle Surface Mount, SkyBracket Mast Arm, and SkyBracket Span-Wire. Let the Signal-Tech STRI Series bring your safety and directional messaging to light!

Call for Quote
877-547-9900

Signal-Tech
signal-tech.com

0.25" Reveal

Cabinet Body Electronically applied Quaker Macroflex Black coating Custom Colors Available

Backlit with white or colored LEDs

Message visible without illumination during the day (Image simulated to show illuminated state)

Protected by 0.125" UV resistant clear polycarbonate face panel with full-color printed graphics

One-piece, hollow-profile extruded 6063-T52 aluminum frame with 0.090" wall thickness IP55/NEMA 3RX Rating

Frame Detail

Extrusion bent to the sign size with ends secured by an interlocking extrusion and screws

Non-illuminated View

Outdoor/indoor blank-out signs with an aluminum cabinet, backlit with white LEDs. The sign message is formed by a translucent printed face that illuminates when activated and remains viewable when deactivated

Illumination
• Backlit by a full array of wide-angle LEDs

LED Message Colors/Brightness
• Red, Amber, Green, Blue or White

LED Color	Typ. Wavelength (or temperature)
Red	(625nm)
Amber	(589nm)
Green	(525nm)
Blue	(470nm)
White	(5500K - 6500K)

Message Face
• Protective 0.125" clear, impact modified acrylic panel
• UV-resistant, full-color printed graphics; message is visible without illumination during the day

Control
• Switch, Signal-Tech Sign Control Software or external relay

Electrical
• Input voltage: 120-277VAC or 12-24VDC
• UL/cUL Listed for wet locations

Power Supply
• Typical power supply efficiency (@120VAC 50% rated load):81%
• The power supply shall not be loaded beyond its rated safe operating range

Internal Wiring
• Internal wiring shall use drip loops
• All connections made to sign during installation shall conform to the National Electric Code and local code

Cabinet Construction
• Body: One-piece, hollow-profile extruded 6063-T52 aluminum frame with a 0.090" wall thickness
• The extrusion bends to the sign size with ends secured together by an interlocking extrusion and screws, holding the display board and face material captive
• Face: 0.125" smoked matte impact modified acrylic panel

Lifting Hardware
• When needed, multiple galvanized steel lifting eyebolts may be mounted to the top of the cabinet (by others)

Cabinet Depth
• Single Faced: 6" deep

Cabinet Finish
• Standard: Electronically applied Quaker Macroflex Black coating
• Options: Custom paint colors or color matched paint

Cabinet Interior (physical)
• Conformal coated circuit board and power supplies, moisture-absorbent interior coating, weep holes for drainage, sealed/closed-end fasteners used for optional, installed mounting interface

Back Panel
• Formed from 0.125" aluminum sheeting and attached to sign frame with either a riveted piano hinge for span wire mounting with two tooless compression locks, or surface mounting with our standard Lift'N Shift construction.

Mounting
• Lift'N Shift sign back offers built in wall mounting
• Additional mounting can be purchased separately: SkyBracket Mast Arm Mounting Assembly, SkyBracket Span-wire Mounting Assembly

Temperature and Humidity Ratings
• The cabinet and sign components shall operate in the following temperature and humidity conditions
• Operational & storage temperature range: -40°F to +165°F
• Humidity range: 0% to 95% (non-condensing)

IP/NEMA Rating
• IP55/NEMA 3RX

Accessories
• Audible Alarm, Hood/Visor, Message Flashing

Warranty
• 5 Years

Engineered and Assembled
• USA