

# STRB Series

## Backlit LED, Blank-out Traffic Signs



### Let the STRB Be Your Guiding Light!

Our STRB Series signs are an excellent choice for traffic and parking authorities looking for durable signage that illuminates a message when needed and “blanks out” (disappears) when it’s not. These signs feature high-impact acrylic faces with an anti-glare coating, allowing for full graphic customization while increasing durability.

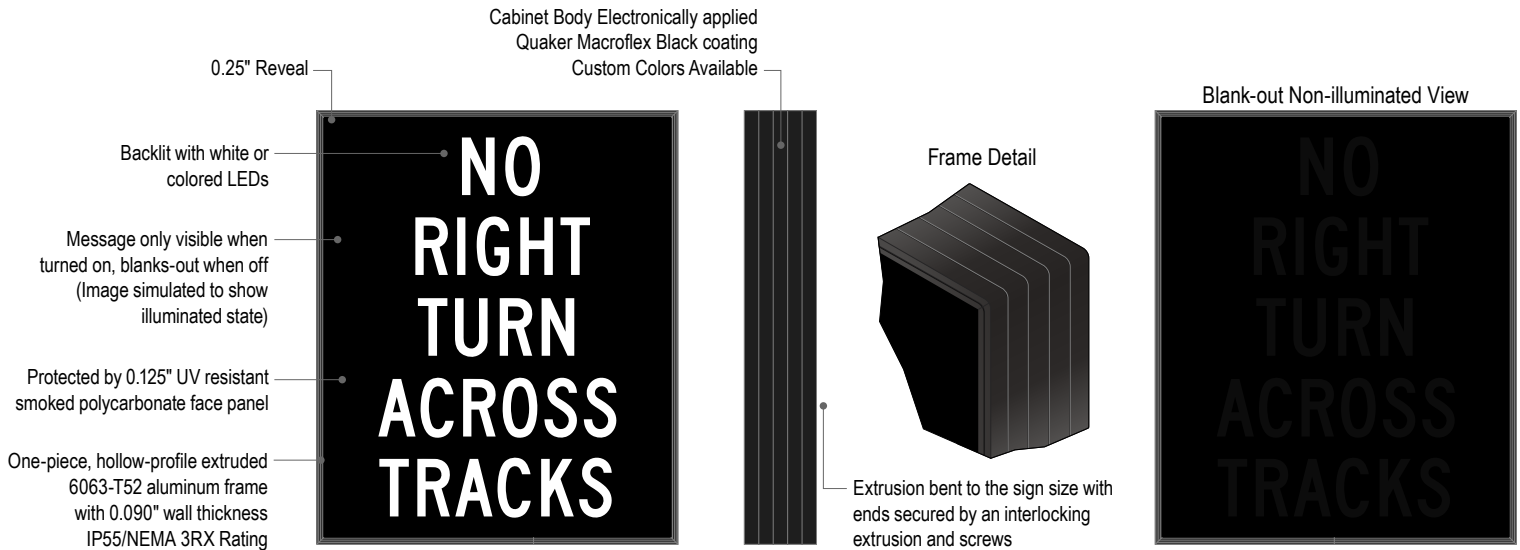
The messages of these signs are formed by illuminating high-intensity, super-bright LEDs contrasted against a black face. When the LEDs (available in white, blue, green, amber, and red) are illuminated, a message that is readable in direct sunlight and low-light conditions is created. When the LEDs are off, the sign’s face only displays only the black backdrop. STRB signs are controlled with a switch, Signal-Tech Sign Control Software (Smart Signs), or an external relay. And with the LEDs’ expected lifetime of 50,000 to 100,000 hours, you can rest assured your STRB sign will function flawlessly for years to come.

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 sign cabinet comes standard with an electronically applied Quaker Macroflex Black finish, with custom paint colors available.

The STRB 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 STRB Series be the guiding light of your safety and directional messaging!

**Call for Quote**  
**877-547-9900**

**Signal-Tech**  
[signal-tech.com](http://signal-tech.com)



Outdoor/indoor blank-out signs with an aluminum cabinet, backlit white or colored LEDs and contrasting black face. The sign message is formed by a black opaque printed face with stenciled areas that illuminate when activated and blank-out 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

- Black message face and protective 0.125" smoked, matte impact modified acrylic panel
- Message illuminates when on and blanks-out (disappears) when off

### 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 toolless 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