Who we are

Signal-Tech is a U.S. manufacturer of premium LED illuminated signs.

Our goal is to be the easiest company you do business with. When you call, we answer; we take pleasure in providing you with personal service. Most quotes turnaround in 2 hours or less and in-stock products ship out the same day ordered.

Signal-Tech is committed to engineering quality and reliability into every product and takes pride in designing signs to your unique specifications.

4985 Pittsburgh Avenue • Erie, Pennsylvania 16509
Toll Free: 877-547-9900 • Fax: 814-835-2300

Quality shines through.
It’s people.
It’s products.
It’s services.

We care about the environment and the impact our carbon footprint will have for generations to come. We commit ourselves to producing energy efficient products; adopting pollution prevention measures in our processes; educating our employees on environmental responsibility; and becoming a model for environmental stewardship throughout our industry.

Designed, Manufactured & Assembled proudly in Erie, Pennsylvania USA
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Our LED signs are architecturally appealing, energy-efficient, simple to install and carry an industry best warranty. No matter which sign series you choose, it will be the right choice for your application.

Each sign is professionally engineered using "green engineering techniques" which extend the LED life expectancy and further reduces energy consumption. Our LED signs are up to 90% more energy efficient than incandescent and there are no bulbs to replace...ever, reducing your carbon footprint.

We offer a wide selection of standard sign messages and sizes, many are in-stock for immediate shipment. When you're looking for something custom, we have the expertise to design a sign to your specifications.

LED Signs, done right!
Choosing our LED signs is the right choice for you and the environment. We are committed to providing you with the best value, the quickest lead time and customized designs without a custom price tag.

Our products are proudly designed, engineered and manufactured in the USA.
Financial Drive-thrus

Bank and Credit Union Drive-thru Signs

LED signs make ATM drive-thru and teller service lanes stand out so motorists can easily see what services are available and which lanes are open. We offer a wide selection of signs with traditional messages or can customize them to reflect your brand or service. Our LED signs are maintenance free and guaranteed readable in direct sunlight.

Did you know...?

Our outdoor LED signs and signals are guaranteed to be readable in direct sunlight.

Voltages: All products shown are 120-277VAC. Low volt (12-24V) input power is available. Call for quote!
TCL Series: More message, less space

With Direct-view LED technology we can overlay or superimpose several messages in a single sign, and put twice the number of messages in half the space. Messages illuminate separately and blank-out when turned off.

Overlaid messages give you the flexibility of a changeable VMS style sign when all you really need are two or three messages, and we do this all at a lower cost than your typical VMS style sign. Your sign should say what you want it to say.
Financial Drive-thrus

PHX Series: Outdoor, Blank-out LED Backlit Signs
Guaranteed visible in direct sunlight. Message face illuminated from behind using high intensity LEDs engineered to create a crisp, evenly lit message without hot spots.

PHXF Series: Outdoor LED Backlit Signs
This outdoor sign is designed with a message face that is readable in daylight conditions when off and backlit with high-intensity white LEDs at night to draw attention to the message.

Voltages: All products shown are 120-277VAC. Low volt (12-24V) input power is available. Call for quote!
Financial Drive-thrus

Product ID# 6029
ATM
TCL Series 7”×34”

Product ID# 8066
24 HR ATM
TCL Series 7”×34”

Product ID# 6024
ATM ONLY
TCL Series 7”×34”

Product ID# 39484
Drive-Up ATM
PHXF Series 7”×34”

Product ID# 6026
ATM ONLY
TCL Series 7”×34”

Product ID# 25929
COMMERCIAL
PHX Series 7”×34”

Product ID# 25931
24 HOUR ATM
PHX Series 7”×34”

Product ID# 5028
ATM ONLY
PHX Series 7”×34”

Product ID# 25928
24 HOUR ATM
PHX Series 7”×34”

Product ID# 6169
ATM/night DROP
TCL Series 7”×42”

Product ID# 20506
24 HOUR ATM
DRIVE THRU OPEN|CLOSED
TCL Series 14”×42”

Product ID# 25883
OPEN|CLOSED
PHX Series 7”×34”

Product ID# 8066
24 HR ATM
TCL Series 7”×34”

Product ID# 27873
ATM
PHX Series 7”×34”

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SunTrust Bank • Williamsburg, VA
### Drive-thru Lanes & Service Windows

Draw attention to your drive-thru or service window with energy efficient LED signs. Direct motorists to a pickup window or vacationers to the open ticket counter using our eco-friendly LED signs; bright and easy to see even on the sunniest days.

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**Did you know...?**

Many of our products are in stock and ready for immediate delivery. Stock orders received by 4 PM ET, ship the same day.

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**Voltages:** All products shown are 120-277VAC. Low volt (12-24V) input power is available. Call for quote!
Can I get a double-sided sign?

Yes you can! In fact, any of our signs can be designed with two message faces.

Message faces are viewable from two opposite directions and the message on each face can be the same or different.

The sign is housed in a double faced cabinet; signs over 14" high x 18" wide typically have a hinged front to simplify installation. See page 21 for specially designed brackets for ceiling, projection or post mounting are available to complete the installation.
Vehicle Service Center Signs

Changeable LED signs draw attention to your service area and give you the flexibility to switch the service lane status to keep customer traffic moving efficiently. Our LED X↓ sign is a favorite among dealership service centers, vehicle repair shops as well as oil change and lube stations across the country.

Did you know...?
We believe in American workers. Our products are proudly engineered, manufactured, assembled and tested in the USA.

Voltages: All products shown are 120-277VAC. Low volt (12-24V) input power is available. Call for quote!
What's a Stroke of LEDs?

It’s the number of rows of LEDs used to form the characters in a direct-view LED sign message. The TCL Series uses direct-view LED technology.

- **Single stroke**
  - 1 row of LEDs
  - Recommended viewing distance up to 300 ft

- **Double stroke**
  - 2 rows of LEDs
  - Recommended viewing distance 300 to 600 ft

- **Triple stroke**
  - 3 rows of LEDs
  - Recommended viewing distance beyond 600 ft

Signs with double stroke or triple stroke characters offer a bolder display and a message that’s readable from a farther distance.
Loading Dock and Workplace Safety Signs

Whether you’re in shipping and receiving, on the production floor, or in a testing lab, safety is important. Use brightly illuminated LED signs to safely direct truckers to the available loading bays, control access to secure areas and alert workers and visitors to risky situations.

Did you know...?
Any of our signs can be produced in a double-faced cabinet with a sign message on both sides. Call for a quote today!
TCIL Series: Replaceable LED Light Source

When you need a LED Signal with a replaceable light source the TCIL Series Traffic Controller is the right choice.

Each TCIL Series Traffic Controller includes two replaceable LED Light Engines (lamps) with screw-in, medium-base, brass sockets.

The body of the signal is an injection molded housing with hoods and includes two colored lenses that match the light engine color to intensify the illumination.

Traffic Controllers are available in either a vertical or horizontal orientation and are perfect for wall, post or overhead mounting.

Signals are available in any combination of red, green, blue, amber or white. Replaceable Light Engines are available in the same color choices.
### Medical In Use and Interior Signs

LEDs signs are ideally suited for use as indoor lighted warning signs or directional signs. They can function as an illuminated warning sign in medical facilities when medical imaging equipment is in use. They’re a natural fit for directional and informational signs in office buildings, research labs, broadcasting studios and testing facilities.

#### Did you know...?

Our products are available with a low volt option. Call for a quote today!

**Voltages:** All products shown are 120-277VAC. Low volt (12-24V) input power is available. Call for quote!
**SBLF Series: Full Face Illumination**

The SBLF Series Indoor LED Backlit sign has a large message area which enhances the impact and visibility of your sign. The sign message is viewable when off and can be illuminated to add emphasis to the message.

**SBL Series: Blank-out**

The SBL Series Indoor LED Backlit sign has a large message area which enhances the impact and visibility of your sign. The sign message is viewable when on and is "Blanked-out" when off rendering the message completely black.
Outdoor, blank-out sign designed with high-intensity LEDs and a block letter-style message face. Message illuminates when turned on and blanks out or extinguishes when off. We guarantee they’re readable in direct sunlight.

**Specifications**

- **Illumination**: Backlit, high-intensity LEDs
- **LED Message Colors**: Red, Amber, Green, Blue and White
- **Cabinet Construction**: One piece extruded aluminum frame with an 1/8" thick translucent black acrylic face panel
- **Cabinet Depth**: Single Faced: 2 1/4"  Double Faced: 5 1/2" Minimum
- **Cabinet Finish**: Standard: Duranodic Bronze  Options: Custom paint colors or custom color match paint
- **Control**: Switch or external relay
- **Electrical**: Input voltage 120-277VAC or low volt 12-24V  UL/cUL Listed for wet locations
- **Accessories**: Audible Alarm, Flashing

**Warranty 5 Years**

Indoor/outdoor blank-out signs designed with super bright LEDs and a contrasting face; we guarantee they’re readable in direct sunlight. The sign message is formed by visible LEDs on a black sign face and is designed to illuminate the message(s) when turned on and blank-out or extinguish the message when off.

**Specifications**

- **Illumination**: Super bright, direct-view LEDs
- **LED Message Colors**: Red, Amber, Green, Blue and White  Individual LEDs form the message characters
- **Cabinet Construction**: One piece extruded aluminum frame with an 1/8" thick smoke-tinted polycarbonate face panel
- **Cabinet Depth**: Single Faced: 2 1/4"  Double Faced: 5 1/2" Minimum
- **Cabinet Finish**: Standard: Duranodic Bronze  Options: Brushed Aluminum, Custom paint colors or custom color match paint
- **Control**: Switch or external relay
- **Electrical**: Input voltage 120-277VAC or low volt 12-24V  UL/cUL Listed for wet locations
- **Accessories**: Audible Alarm, Flashing

**Warranty 5 Years**

Designed with high-intensity LEDs and a block letter-style message that is readable without illumination. Message can be illuminated for emphasis or to optimize readability in low light conditions. Ideal for images, logos or symbols.

**Specifications**

- **Illumination**: Backlit, white high-intensity LEDs
- **Message**: Standard: Colored translucent vinyl  Custom colors or printed vinyl available
- **Cabinet Construction**: One piece extruded aluminum frame with an 1/8" thick white acrylic face panel
- **Cabinet Depth**: Single Faced: 2 1/4"  Double Faced: 5 1/2" Minimum
- **Cabinet Finish**: Standard: Duranodic Bronze  Options: Custom paint colors or custom color match paint
- **Control**: Switch or external relay
- **Electrical**: Input voltage 120-277VAC or low volt 12-24V  UL/cUL Listed for wet locations
- **Accessories**: Audible Alarm, Flashing

**Warranty 5 Years**

Indoor/outdoor blank-out signs designed with super bright LEDs and a contrasting face; we guarantee they’re readable in direct sunlight. The sign message is formed by visible LEDs on a black sign face and is designed to illuminate the message(s) when turned on and blank-out or extinguish the message when off.

**Specifications**

- **Illumination**: Super bright, direct-view LEDs
- **LED Message Colors**: Red, Amber, Green, Blue and White  Individual LEDs form the message characters
- **Cabinet Construction**: One piece extruded aluminum frame with an 1/8" thick smoke-tinted polycarbonate face panel
- **Cabinet Depth**: Single Faced: 2 1/4"  Double Faced: 5 1/2" Minimum
- **Cabinet Finish**: Standard: Duranodic Bronze  Options: Brushed Aluminum, Custom paint colors or custom color match paint
- **Control**: Switch or external relay
- **Electrical**: Input voltage 120-277VAC or low volt 12-24V  UL/cUL Listed for wet locations
- **Accessories**: Audible Alarm, Flashing

**Warranty 5 Years**
**SBL Series**
Indoor Only Blank-out LED Backlit Signs

A matrix of LEDs lights the message face from behind providing consistent illumination across the face. Features blank-out technology that only displays the block-style message when illuminated.

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination</td>
<td>Backlit LEDs</td>
</tr>
<tr>
<td>LED Message Colors</td>
<td>Red, Amber, Green, Blue and White</td>
</tr>
<tr>
<td>Cabinet Construction</td>
<td>One piece extruded aluminum frame with an 1/8&quot; thick translucent black acrylic face panel</td>
</tr>
<tr>
<td>Cabinet Depth</td>
<td>Single Faced: 2 1/4&quot; Double Faced: 5 1/2&quot; Minimum</td>
</tr>
<tr>
<td>Cabinet Finish</td>
<td>Standard: Duranodic Bronze Options: Custom paint colors or custom color match paint</td>
</tr>
<tr>
<td>Control</td>
<td>Switch or external relay</td>
</tr>
<tr>
<td>Electrical</td>
<td>Input voltage 120-277VAC or low volt 12-24V UL/cUL Listed for wet locations</td>
</tr>
<tr>
<td>Accessories</td>
<td>Audible Alarm, Flashing</td>
</tr>
</tbody>
</table>

**SBLF Series**
Indoor Only Full Face LED Backlit Signs

Features a block-style message that is readable without illumination. Message can be illuminated to add emphasis or to optimize readability in low light conditions.

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination</td>
<td>Backlit, white LEDs</td>
</tr>
<tr>
<td>Message</td>
<td>Standard: Colored translucent vinyl Options: Custom paint colors or printed vinyl available</td>
</tr>
<tr>
<td>Cabinet Construction</td>
<td>One piece extruded aluminum frame with an 1/4&quot; thick white acrylic face panel</td>
</tr>
<tr>
<td>Cabinet Depth</td>
<td>Single Faced: 2 1/4&quot; Double Faced: 5 1/2&quot; Minimum</td>
</tr>
<tr>
<td>Cabinet Finish</td>
<td>Standard: Duranodic Bronze Options: Custom paint colors or custom color match paint</td>
</tr>
<tr>
<td>Control</td>
<td>Switch or external relay</td>
</tr>
<tr>
<td>Electrical</td>
<td>Input voltage 120-277VAC or low volt 12-24V UL/cUL Listed for wet locations</td>
</tr>
<tr>
<td>Accessories</td>
<td>Audible Alarm, Flashing</td>
</tr>
</tbody>
</table>

**TCIL Series**
LED Traffic Controllers

Weather resistant, two-light signal with replaceable LED Light Engines (lamps). Available in a horizontal or vertical orientation.
Includes: (2) Replaceable LED Light Engines (lamps) in any combination of red, green, blue, amber or white.

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Source</td>
<td>Replaceable LED Light Engines available in any combination of Red, Amber, Green, Blue or White</td>
</tr>
<tr>
<td>Construction</td>
<td>Injection molded housing with integral hoods and translucent colored lenses</td>
</tr>
<tr>
<td>Cabinet Depth</td>
<td>9&quot; Overall depth</td>
</tr>
<tr>
<td>Cabinet Finish</td>
<td>Standard: Duranodic Bronze Options: Custom paint colors or custom color match paint</td>
</tr>
<tr>
<td>Control</td>
<td>Switch or external relay</td>
</tr>
<tr>
<td>Electrical</td>
<td>Input voltage 120-277VAC or low volt 12-24V UL/cUL Listed for wet locations</td>
</tr>
<tr>
<td>Accessories</td>
<td>Signal Flashing: In unison or alternating flashing</td>
</tr>
</tbody>
</table>

**TCI Series**
Incandescent Traffic Controllers

Weather resistant, two-light signal with replaceable incandescent lamps. Available in a horizontal or vertical orientation.
Includes: (2) Replaceable Incandescent lamps.

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Source</td>
<td>Replaceable R20 Incandescent Lamps</td>
</tr>
<tr>
<td>Construction</td>
<td>Injection molded housing with integral hoods and translucent colored lenses</td>
</tr>
<tr>
<td>Cabinet Depth</td>
<td>9&quot; Overall depth</td>
</tr>
<tr>
<td>Cabinet Finish</td>
<td>Standard: Duranodic Bronze Options: Custom paint colors or custom color match paint</td>
</tr>
<tr>
<td>Control</td>
<td>Switch or external relay</td>
</tr>
<tr>
<td>Electrical</td>
<td>Input voltage 120-277VAC UL/cUL Listed for wet locations</td>
</tr>
<tr>
<td>Accessories</td>
<td>Signal Flashing: In unison or alternating flashing</td>
</tr>
</tbody>
</table>

*Warranty excludes incandescent lamps*
We have a history of creating unique signs. Normally the word custom is followed by “long lead times” and “minimum order quantities” but not so with us.

None of those apply when we create a sign for you.

Our vertically integrated manufacturing process and scalable production capacity gives us greater control from start to finish resulting in faster custom layouts and shorter lead times for you.

Whether it’s a logo, special message or color, different cabinet size or customized mounting; we can accommodate your unique requirements.

Did you know...?
We have over 1,500 products online to choose from! If you don’t see your message just call. We DO custom!

O’Hare International Airport Chicago, IL

Product ID# 36763
DO NOT ENTER w/Symbol
UP ESCALATOR w/Up Arrow
TCL Series 15" × 49½

Signs Made to Order

We pride ourselves in our Sprintability... the ability to quickly respond to your needs with

- Fast turnaround on custom signs resulting in short lead times
- Fast low quantity runs
- No minimum order quantity requirements

O’Hare International Airport Chicago, IL

Product ID# 39011
THANK YOU w/Smiley Face
HAVE AN AMAZING DAY!
TCL Series 48" × 36"

Eco Brite Car Wash • Alsip, IL

Manufactured & Assembled in USA
We Give You Choices...

- Cabinet Size
- Cabinet Color
- Message
- Character Size
- Character Color
- Mounting

But I need a different message!

No Problem!

Feel free to word your sign the way you want. With our signs you aren’t restricted to stock sign messages.

We are capable of creating unique message LED signs with the same level of quality and efficiency as our stock message signs, but in lower quantities.

In fact, our sales people and graphics team are more than happy to help you create a sign based on your specific message and/or needs.

Scalable Production Capacity

Our integrated manufacturing processes combined with our 8,000+ sq. ft. of warehousing space affords us greater control over the speed and coordination of the manufacturing process. Our quality systems result in consistently repeatable processes that allow us to offer a 5-Year warranty on the majority of our products.

Vertically Integrated Manufacturing

- In-house circuit board design
- Sign layouts by graphic designers
- State of the art, automated SMT manufacturing line
- On-site engineering team
- Educated team of sales experts
### Ceiling Mount

<table>
<thead>
<tr>
<th>Construction</th>
<th>1/8&quot; thick extruded aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>4” high × 2” deep, available in widths from 4” to 42”</td>
</tr>
<tr>
<td>System</td>
<td>For signs up to 42” wide, over 42” wide use Single or Double Post Mount inverted with base plates</td>
</tr>
<tr>
<td>Uses</td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Duranodic Bronze; Custom finishes available</td>
</tr>
</tbody>
</table>

### Side Mount

<table>
<thead>
<tr>
<th>Construction</th>
<th>1/8&quot; thick extruded aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>4” wide × 2” deep, available in heights from 4” to 26”</td>
</tr>
<tr>
<td>System</td>
<td>For signs up to 26” high, over 26” high use Single or Double Post Mount projected with base plates</td>
</tr>
<tr>
<td>Uses</td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Duranodic Bronze; Custom finishes available</td>
</tr>
</tbody>
</table>

All of our mounting brackets are constructed from extruded or plate aluminum and powder coated in a Duranodic Bronze finish. Custom finishes are available upon request.

**Did you know...?**

Our sign back is designed to double as a wall mount bracket!

**Lift’N Shift Wall Mount**

Our unique Lift’N Shift wall mounting back is designed into every sign we make, simplifying installation and eliminating the need for additional brackets. Includes knockouts for fasteners and electrical.
**Single Post / Double Post Mount**

- **Construction**: 0.080 Extruded aluminum post. Available in direct burial or with 6” x 6” x ¼” aluminum base plate(s)
- **Dimensions**: 2¼” x 3” x post length
- **Post Lengths**: 40”, 60”, 90” and 120” Custom lengths available up to 120”
- **System Uses**: Single Post: For signs up to 26” wide  
  Double Post: For signs over 26” wide  
  Both options can be inverted or projected with base plates
- **Finish**: Duranodic Bronze; Custom finishes available

**Recessed Frame Mount**

- **Construction**: Punched aluminum plate
- **Dimensions**: Same as sign OD, plus 1½” to all sides for flange
- **System Uses**: For all signs
- **Finish**: Duranodic Bronze; Custom finishes available

**Double Faced Mount**

- **Construction**: ¼” thick extruded aluminum
- **Dimensions**: 4” x 2” x ¼” thick
- **Bracket Lengths**: Ceiling Mount Bracket: From 4” to 42” wide  
  Side Mount Bracket: From 4” to 26” high
- **System Uses**: Ceiling Mount: For signs up to 42” wide; over 42” use post  
  Side Mount: For signs up to 26” high; over 26” use post
- **Finish**: Duranodic Bronze; Custom finishes available

**Recessed Frame**

- **Product ID# 3014**: Recessed Frame for 7” x 18” Signs
- **Product ID# 38727**: IN USE SBLF 7” x 18”

**ATM / NIGHT DROP**

- **Product ID# 3021**: Recessed Frame Mount for 7” x 42” Signs
- **Product ID# 6169**: ATM / NIGHT DROP TCL Series 7” x 42”

**Takes the guess work out of mounting double sided signs.**
### I-Bar Series Clearance Bar

The free-hanging I-Bar is an ideal way to alert motorists to clearance-height restricted areas or provide overhead way finding directions and lane designations.

Our sleek I-Bar design, with the EasyGlide Adjustable Eye Nuts, makes installation simple and flexible. Simply slide the eye nut spacing to your needs, tighten and hang. Features high-performance reflective vinyl graphics for superior night visibility.

- **Message:** High performance 7-year black reflective vinyl, custom colors available
- **Dimensions:** 7” high x 4” deep, available in lengths from 2’ to 20’
- **Construction:** 1/8” extruded aluminum bar with end caps
- **Finish:** Powder coated, Traffic Yellow finish, custom colors available
- **Mounting:** Includes (3) EasyGlide adjustable eye nuts for hanging (chain not included)

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**Specifications**

<table>
<thead>
<tr>
<th>Field</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
<td>High performance 7-year black reflective vinyl,</td>
</tr>
<tr>
<td></td>
<td>custom colors available</td>
</tr>
<tr>
<td>Dimensions</td>
<td>7” high x 4” deep, available in lengths from 2’</td>
</tr>
<tr>
<td></td>
<td>to 20’</td>
</tr>
<tr>
<td>Construction</td>
<td>1/8” extruded aluminum bar with end caps</td>
</tr>
<tr>
<td>Finish</td>
<td>Powder coated, Traffic Yellow finish, custom</td>
</tr>
<tr>
<td></td>
<td>colors available</td>
</tr>
<tr>
<td>Mounting</td>
<td>Includes (3) EasyGlide adjustable eye nuts for</td>
</tr>
<tr>
<td></td>
<td>hanging (chain not included)</td>
</tr>
</tbody>
</table>

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**Warranty:** 5 Years
Available as a complete Sign with your vinyl message applied.

OR

As a Kit with a blank white message panel and mounting.

**I-Panel Series Non-illuminated Sign**

Custom sized aluminum Panel System. Designed for free hang or fixed mounting. Built for outdoor or indoor use. Choose a complete sign with factory applied vinyl graphics or a kit that includes a blank message panel with mounting and you supply the graphics.

**I-Panel Sign**

Comes complete and ready to install with factory applied graphics

1. White, 0.040 aluminum message panel, cut to size with graphics
2. Black, extruded aluminum mounting channel
3. End caps

Available with either free hanging eye nuts or a fixed mounting bracket, single or double-sided black reflective vinyl graphics. Custom vinyl and paint colors available.

Maximum sizes:
- Free Hanging - 18"H x 96"W
- Fixed Mount - 12"H x 96"W

**I-Panel Kit**

Blank aluminum panel ready for you to apply your graphics

1. White, 0.040 aluminum message panel, cut to size
2. Black, extruded aluminum mounting channel
3. End caps

Available with either free hanging eye nuts or a fixed mounting bracket. Custom paint colors available.

Maximum sizes:
- Free Hanging - 18"H x 96"W
- Fixed Mount - 12"H x 96"W

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Accessories & Switches

**Piezo Audible Alarm**
Weatherproof alarm adds audible emphasis to a sign or message. Available in 120VAC and 12-24VDC/AC, this alarm offers a slow or fast warble with a 95dB output @ 10 feet and is suitable for outdoor or indoor use. Factory installed.

- **120 Volt**
  - Product ID# 32333 Slow Warble Alarm
  - Product ID# 32334 Fast Warble Alarm

- **12-24 Low Volt**
  - Product ID# 32335 Slow Warble Alarm
  - Product ID# 32336 Fast Warble Alarm

**R20 Incandescent Lamps**
Replacement incandescent lamps for the TCI Series Traffic Controller. Lamps are available in 6 and 12 pack quantities.

- Product ID# 1066 50 Watt Incandescent (Qty 12)
- Product ID# 1579 50 Watt Incandescent (Qty 6)

**LED Light Engines**
LED Light Engines are an E-26, standard medium base brass socket, rated power of 3 watts and are vibration resistant. Our direct-view LED design is visible in direct sunlight. Use as a direct replacement lamp for the TCIL Series Traffic Controller.

- **Light Engine Upgrade Kits**
  Upgrade kits will convert a TCI Incandescent Traffic Controller to a TCIL LED Traffic Controller and include the following items:
  1. Replacement Hood Assembly with Red & Green Smooth Lenses
  2. LED Light Engines, Red & Green.

  - Product ID# 28846 Horizontal TCI Red/Green LED Upgrade Kit
  - Product ID# 28845 Vertical TCI Red/Green LED Upgrade Kit

- **Individual Light Engines**
  - **120-277 Volt**
    - Product ID# 2802 Red
    - Product ID# 2799 Green
    - Product ID# 2795 Amber
    - Product ID# 2797 Blue
  - **12-24 Low Volt**
    - Product ID# 38511 Red
    - Product ID# 38512 Green
    - Product ID# 38509 Amber
    - Product ID# 38514 Blue
    - Product ID# 38513 White

**Switch Assembly**
Assembly includes a stainless-steel switch plate, indicator lights and your choice of toggle switches: single pole single throw (SPST), single pole double throw (SPDT) and double pole double throw (DPDT).

Switch Assemblies are available in single gang or multiple gang configurations. Custom gang configurations available. Electrical box not included.

**Control Switch Assembly Specifications**

<table>
<thead>
<tr>
<th>Switch</th>
<th>Toggle switch with pre-wired pigtailed and indicator lights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch Plate</td>
<td>Stamped stainless steel, pre-punched for switch(es) and indicator light(s)</td>
</tr>
<tr>
<td>Electrical</td>
<td>120VAC, 277VAC, 12VDC, 24VDC</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4½” H x Length varies on gang configurations</td>
</tr>
<tr>
<td>Compatible</td>
<td>All sign series</td>
</tr>
</tbody>
</table>
### Sign Message Choices

<table>
<thead>
<tr>
<th>Sign Series</th>
<th>LED Colors</th>
<th>Vinyl Message Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCL Series</td>
<td>Red LEDs</td>
<td>Standard Reflective Vinyl Colors</td>
</tr>
<tr>
<td>PHX Series</td>
<td>Green LEDs</td>
<td>Standard Reflective Vinyl Colors</td>
</tr>
<tr>
<td>PHXF Series</td>
<td>Amber LEDs</td>
<td>Non-standard Vinyl Colors (Call for Quote)</td>
</tr>
<tr>
<td>SBL Series</td>
<td>Blue LEDs</td>
<td>Printed Vinyl</td>
</tr>
<tr>
<td>SBLF Series</td>
<td>White LEDs</td>
<td>Custom Vinyl Colors</td>
</tr>
<tr>
<td>TCIL Series</td>
<td>Leds</td>
<td></td>
</tr>
<tr>
<td>TCI Series</td>
<td>Reflective</td>
<td></td>
</tr>
<tr>
<td>I-Bar Series</td>
<td>Reflective</td>
<td></td>
</tr>
<tr>
<td>IPS Series</td>
<td>Reflective</td>
<td></td>
</tr>
</tbody>
</table>

* TCI Series uses colored lenses with incandescent lamps.

### Standard Cabinet/Housing and Mounting Colors

- **All Illuminated Sign Series**
  - Duranodic Bronze
  - I-Bar Series Traffic Yellow

### Custom Metallic Finish

- **TCL Series Cabinet ONLY**
  - Brushed Aluminum Clear anodized
  - Brushed Aluminum

### Finishes for Sign Cabinet/Housing and Mounting Colors

<table>
<thead>
<tr>
<th>Sign Series</th>
<th>LED Illuminated Signs</th>
<th>Non-Illuminated Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCL Series</td>
<td>Standard Finish Duranodic Bronze</td>
<td>Non-Standard Finishes (Call for Quote)</td>
</tr>
<tr>
<td>PHX Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>SBL Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>SBLF Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>TCIL Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>TCI Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>Mounting</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>I-Bar Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>IPS Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
<tr>
<td>IPK Series</td>
<td>Duranodic Bronze</td>
<td>Custom Metal Brushed Aluminum</td>
</tr>
</tbody>
</table>

### Custom In-house Paint Colors

- White
- Brushed Aluminum
- Jet Black
- Satin Black
- Red
- Yellow
- Green
- Blue
Quality shines through.
It’s people.
It’s products.
It’s services.