**Technical Specifications**

**TCL Series Outdoor LED Direct-view Signs**

Indoor/outdoor blank-out signs designed with super bright LEDs and a contrasting face; guaranteed readable in direct sunlight. The sign message is formed by visible LEDs on a black sign face and is designed to illuminate the message or messages when turned on and blank-out or extinguish the message when off. Up to three static messages can be overlaid to reduce the physical footprint of the sign.

It is engineered with a solid-state circuit board and switch-mode power supply for maximum LED life. It has a corrosion resistant, all-weather cabinet and ships with our Lift'N Shift back for wall mounting. Ceiling, post and wall-projection mountings are available. Standard cabinet finish is Duranodic Bronze; custom paint finishes are available. Sign can be controlled by a switch, Signal-Tech Sign Control Software or third-party relay. Control switch and software can be purchased separately. UL/cUL Listed for wet locations. Manufactured in the USA.

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| Illumination | Super bright, direct-view LEDs |
| LED Message Colors | Red, Amber, Green, Blue and White  Individual LEDs form the message characters |
| Message | Message blanks-out when off.  Stock messages or custom messages available |
| Electrical | Input voltage 120-277VAC or low volt 12-24VDC  UL/cUL Listed for wet locations |
| **Cabinet Construction**  Single-faced signs; double-faced signs up to 14”H x 18”W  Double-faced signs larger than 14”H x 18”W | One-piece extruded, all-weather frame with an 1/8” thick, dark grey diffused acrylic face panel  Corrosion resistant, extruded, all-weather frame with two hinged faces. 7.5” deep, mitered construction. Moisture absorbent interior coating  1/8” thick smoked-tinted, polycarbonate face panel |
| Cabinet Depth | Single-faced: 2 ½”  Double-faced up to 14”H x 18”W: 5 ½”  Double-faced over 14”H x 18”W: 7 ½” |
| Cabinet Finish | Standard: Duranodic Bronze  Options: Custom paint colors or color match paint |
| 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 99% (non-condensing) |
| IP/NEMA Rating | IP55/NEMA 3RX |
| Control | Switch, Signal-Tech Sign Control Software or external relay |
| Accessories/Options | Audible Alarm, Flashing, Hoods, Automatic Brightness Dimming |
| Warranty | 5 Years |
| Country of Origin | Manufactured and assembled in the USA |
| Mounting | Lift’N Shift sign back offers built in wall mounting (single faced signs only)  Additional mounting can purchased separately: Ceiling, post, side & recessed |