

## BLANK OUT, LANE CONTROL, REGULATORY & WARNING SIGNS



- Excellent day and night visibility
- Engineered to withstand 110 mph winds
- Minimum projected life of 50,000 hours
- Housing made from .125" powder coated aluminum
- All commonly used photocells can be built into the signs
- Meets the visibility standards of the FWHA and the MUTCD
- Signs are UL listed and meet or exceed all state standards
- Can be installed in the field with no need to open the sign



### BLANK OUT SIGNS

- Sizes range from 24" up to 60" wide
- Visible from at least 700 yards when illuminated with automatic dimming at night
- Blank black face when not illuminated
- Single or multiple image displays
- LEDs are through mounted into solid state conformal coated printed circuit boards
- All LEDs meet the ITE standards for color and viewing angle
- Circuitry is designed so the display is discernible should an LED fail and does not result in failure of other LEDs
- LEDs are protected by a matte finish polycarbonate protective overlay
- Internal power supplied for each display
- Designed to deliver constant power to the LEDs
- Meets all relevant standards and have passed the following tests:
  - IAW NEMA TS2 vibration requirements
  - MIL-STD-810, Method 502.4, Procedure II – Cold weather to -55°C
  - MIL-STD-883, Method 2007, Condition A – Vibration
- NEMA 3R housings are made from .125" marine grade aluminum with sun visors
- All hardware is stainless steel
- Multiple mounting options and hardware available



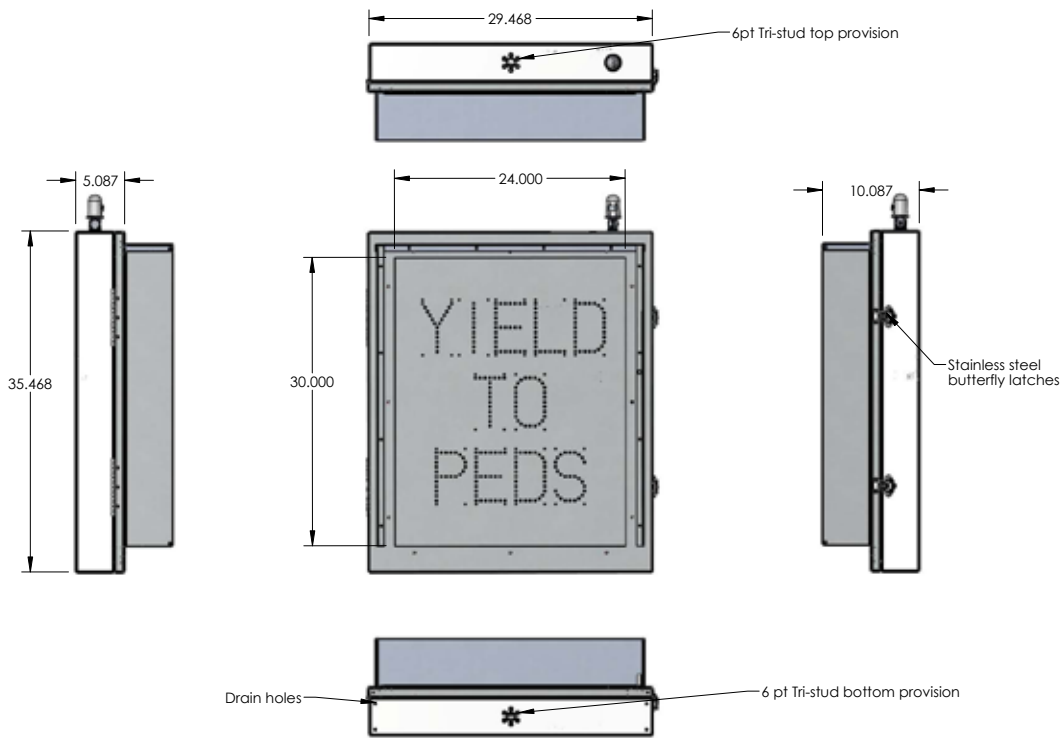
### LANE CONTROL SIGNS

- Sizes range from 18" up to 36" wide
- Incorporates all of the features and designs of blank out signs
- Up to 5 messages including the green down arrow and red X
- Double row LED displays



### ILLUMINATED REGULATORY & WARNING MUTCD SIGNS

- Excellent visibility at night, always visible and lit with LEDs
- Ideal for use in areas with limited visibility such as fog or underpasses
- All standard MUTCD displays are available as well as customized variations
- The standard light engine is the same LED strips that are used in Southern's internally illuminated street name signs and are rated for 60,000 hours



### BODY AND DOOR FRAME

The body and door frame is produced using high grade aluminum. The bodies are continuously welded for superior strength and weather protection. Neoprene gaskets provide a tight seal around the lenses and doors. Full length stainless steel hinges are used on our sign bodies. The doors are double channeled for a weather tight seal. The door frame and body is powder coated with black satin and other finishes are available as well. The butterfly latches are stainless steel and quick release. Glare shields are also available.

### LIGHT EMITTING DIODES (LED)

The LED package is a T1 3/4 and uses a white or clear lens. Each LED is parallel wired to insure independent operation and prevent sequential failure. The LED's are under driven by 30-35% to increase reliability.

### POWER SUPPLY

The input voltage is 120 to 240 volts A/C, at 50/60 hertz, switch selectable. Each sign is designed with over current and transient protection.



Jacksonville, FL