

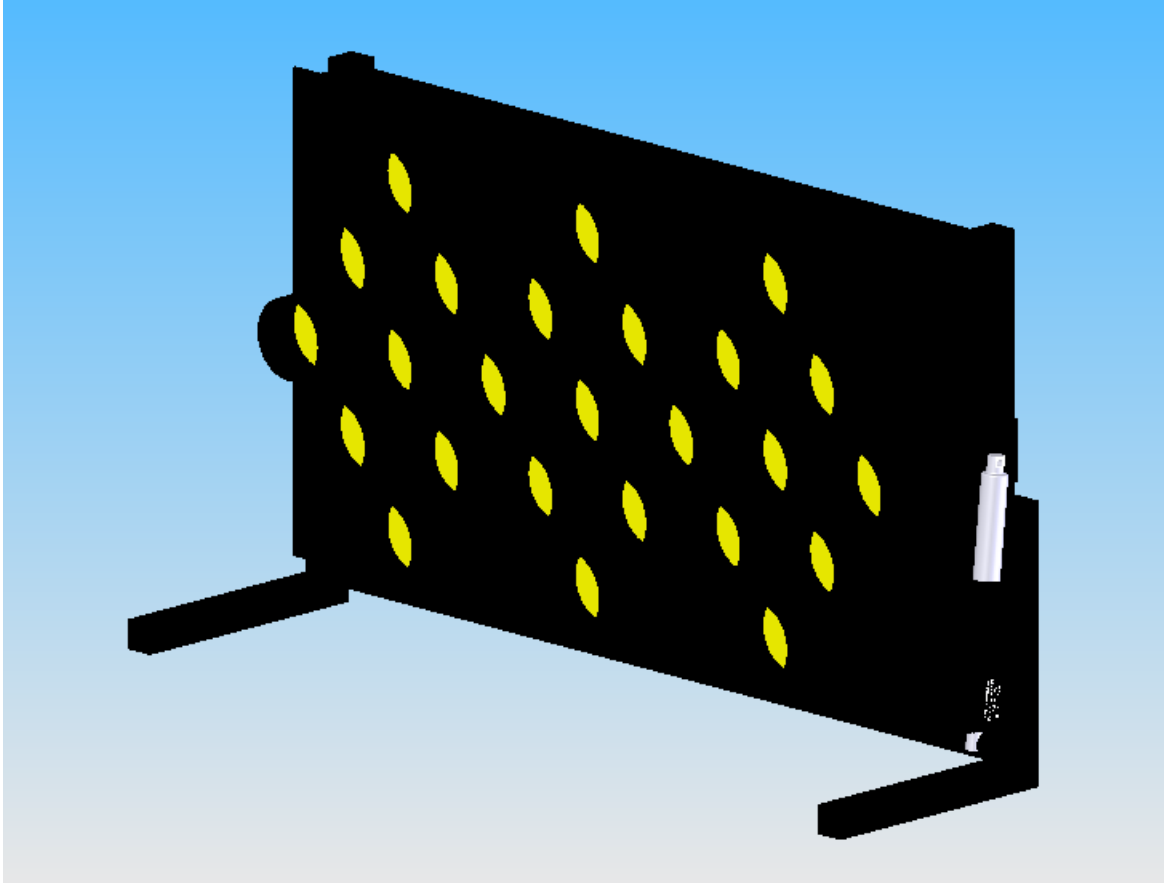
# IntelliStrobe Safety Systems

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## MODEL AB4896-25TM ARROW BOARD TRUCK

# SPECIFICATIONS

## Model AB4896-25TM

### Frame Specifications:

|            |  |
|------------|--|
| Mainframe: | 2"x2"x1/8" tubular steel               |
| Wiring:    | Enclosed in jacketed cable or conduit. |

### Sign Panel:

|                 |   |
|-----------------|---|
| Specifications: |   |
| Height:         | 48"   |
| Length:         | 96"   |
| Width:          | 3 3/8"  |
| Material:       | .080 Aluminum frame 48"x96" w/ (2)<br>47 <sup>3</sup> / <sub>4</sub> " cross members<br>.063 Aluminum front panel 48"x96"<br>.063 Aluminum back panel 48"x96" |
| Paint:          | All powder coated<br>Flat black finish to reduce glare<br>Salt Spray Fog: 1,000 hours UV  |
| Resistance:     | 500 hours   |
| LED bulbs:      | (25) yellow/amber LED's with 360°<br>high impact plastic visor  |

Par 46 LED lamps

Push on type connectors (with means to secure lamp and wiring leads to prevent separation due to vibration during travel and operation.

Mode indicator lamps on backside of panel.

### 25 Light Control Box:

The 25 light control box is equipped w/ 5 light intensity settings:

**Auto** – automatically adjusts the to the lights from 100% (daytime use) depending on the ambient light. The Auto dimming is controlled through a photocell mounted in the bottom of each Arrow board where it will be protected from vehicle headlights and street lamps.

**35%** - maintains 35% power to the lights regardless of the ambient light.

**50%** - maintains 50% power to the lights regardless of the ambient light.

**60%** - maintains 60% power to the lights regardless of the ambient light.

**Bright** – maintains 100% power to the lights regardless of the ambient light.

The Control Box has 5 flashing and 3 sequential modes to choose from:

Single flashing arrow (left or right)

Double flashing arrow

Caution – alternating diamonds

Caution center bar

Caution 4 corners

Chevron – left or right

Stem arrow – left or right

Sequential arrow – left or right

## Control Functions:

**Power Switch** – Provides power from the control box to the Arrow Board.

**Power Indicator Light** – The LED indicates the Control Box has power and is ready for operation.

**Circuit Breaker** – Protects the wiring and circuitry from damage in the event of a malfunction. To reset the circuit breaker, press the button on the bottom side of the Control Box.

**Mode Selector** – Provides selection of the warning modes.

**Manual Dim Switch** – Provides the user with the ability to override the photocell used for the automatic dimming when an unusual situation occurs, such as, the vehicle being parked under a streetlight at night.

## Photocell Assembly:

Specifications:

Operational:

Monitors ambient light conditions

Monitors ambient temperature

Operating Temperature: -40C to 70C (-40F to 158F)

Storage Temperature: -40C to 85C (-40F to 185F)

Power Connections

Power Input: 9 to 14 VDC

Current:

Typical Draw: <150ma

Manufacturer reserves the right to make changes in its products from time to time without incurring any obligation to incorporate such improvements in any products previously sold or in service.