STAR HEADLIGHT & LANTERN CO.

STAR PHAZER™

1500

Only 2 ⅛" Tall

STAR PHAZER™

Specifications and Features

- Available with Single color or Dual color heads
- Utilizes two-wire Traffic Director control
  (left + right = center out)
- Hardwire version comes with two harness options:
  - Single cable: Two power wires plus 12 enable wires (default option)
  - Dual cables: One for power and ground connections and one containing the 12 enable wires
- Priority wires (P1 - P5) are designed to be used with a slide switch or a set of progressive switches
  - Example:
  - P1: Rear flashing, slow pattern
  - P2: Front and rear flashing, medium pattern
  - P3: Front and rear flashing, fast pattern

Reliability

- Thermally protected
- Reverse polarity protected
- Transient protected against voltage spikes
- Over current protected
- Rugged exterior including an extruded aluminium base and UV stabilized polycarbonate lenses

LBC-CAN

- Utilizes the Automotive industry standard CAN (Controller Area Network) protocol for a highly reliable communication system
- Only two power wires and, two communicaton wires for reduced cable size, allowing up to 20 independently controlled functions
- USB connectivity with Star Phazer™ software
- Easy set-up and cloning settings between multiple bars using the Windows based interface

Completely Customizable

Configurable Outputs
- Ability to select which LED heads come on with each one of the 12 inputs
  - *Example: Select between 1 and all of the heads to activate in Priority 1*

Electrical Inputs
- Ability to select the function controlled by each wire
  - **Steady Burn Functions:** takedown, left alley, right alley, cruise, California steady, pre-emption device
  - **Flashing Functions:** P1, P2, P3, P4, P5, left traffic, right traffic, ICL, DIM, takedown pursuit, alley flash, turn left, turn right

Patterns
- Select in pairs up to 20 different patterns to operate simultaneously
- 39 different warning patterns to choose from
- 9 different Traffic Director patterns to choose from

Phase
- Independantly select the Phase for each head (which heads flash together or opposite one another)

Traffic Director Cycling
- Option to toggle the warning pattern and the Traffic Director pattern, when both are enabled

Dimensions

- 7" center sections allows for lengths of 37", 44", 51", 58", 65"
- Low profile, only 2 ⅛"H x 12"W

Color LEDs

Lens Color (Standard Clear)

SF169 Rev A 5-09-2016

STAR WARNING SYSTEMS®

STARSIGNAL VEHICLE PRODUCTS®

BRADFORD Vehicle Solutions Inc.

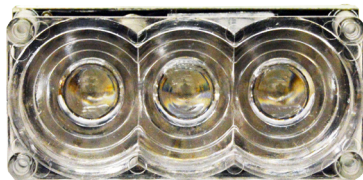**PROUDLY MADE IN THE U.S.A**
An ISO 9001:2008 Certified Company
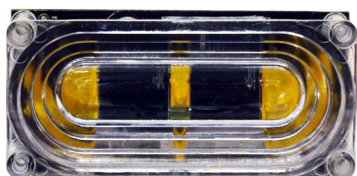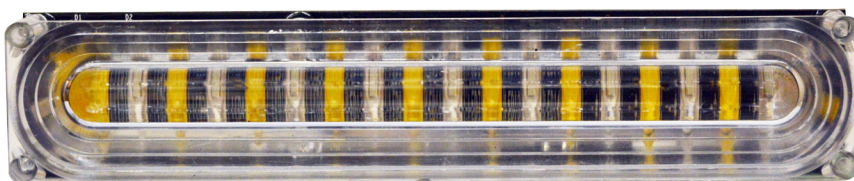
STAR PHAZER™

Spot Optic
- 2.4"L
- S121-0-3* Directional, 3 LEDs

Wide Spread Lineum
- 2.4"L
- S121-9-3* wide spread Lineum, 3 LED
- S121-9-6** wide spread Lineum, 3+3 Color LED, Dual-Color

Wide Spread Lineum
- 5.75"L
- S121-9L-6* wide spread Lineum, 6 LED
- S121-9L-9* wide spread super Lineum, 9 LED
- S121-9L-12** wide spread Lineum, 6+6 Dual-Color LED
- S121-9L-18** wide spread super Lineum, 9+9 Dual-Color LED