

Appendix A

960L-xx-5F9R LED LIGHTBAR FACTORY SET FLASH PATTERN

Progressive Slide Switch application

Mode 1

+12 vdc **ORANGE** Control Wire Activated
Front Warning Lamps: Off
Rear Warning Lamps: Combination - Scroll Flash
Side Warning Lamps: Off

Mode 2

+12 vdc **ORANGE & BLUE** Control Wires Activated
Front Warning Lamps: Combination - Scroll Flash
Rear Warning Lamps: Off
Side Warning Lamps: Front Side Alternating - Scroll Flash

Mode 3

+12 vdc **ORANGE, BLUE & WHITE/BLACK** Control Wires Activated
Front Warning Lamps: Combination - Scroll Flash
Rear Warning Lamps: Combination - Scroll Flash
Side Warning Lamps: All Side Alternating - Scroll Flash
If ordered, Optional Takedown - Flashing

Traffic Directional Modes:

+12 vdc **BRN/WHT** Control Wires Activated
Front Warning Lamps: Off
Rear Warning Lamps: LEFT ARROW 9 FULL- Single Flash
Side Warning Lamps: Off

+12 vdc **RED/WHT** Control Wires Activated
Front Warning Lamps: Off
Rear Warning Lamps: RIGHT ARROW 9 FULL- Single Flash
Side Warning Lamps: Off

+12 vdc **BRN/WHT & RED/WHT** Control Wires Activated
Front Warning Lamps: Off
Rear Warning Lamps: CENTER OUT 9 FULL - Single Flash
Side Warning Lamps: Off

NOTE: Traffic Directional Mode activation overrides any currently activated Rear Warning Modes. Traffic Direction Mode activation does not override any currently activated Front or Side Warning Modes.

960L-xx-5F9R CONTROL & POWER WIRES

Red	+12 Vdc Power
Black	GROUND
Orange	Mode 1 Control
Blue	Mode 2 Control
White/Black	Mode 3 Control
Green	LED Low Intensity
Brown	Takedown
White	Rearwork or (Optional Independent DF1 Lamp)
Red/White	Right Arrow Traffic Directional
Brown/White	Left Arrow Traffic Directional
Red/White & Brown/White	Center-Out Traffic Directional
Gray	Driver Alley
Yellow	Passenger Alley
Red	N/A
Vio	N/A

Mode Activation: All control wires are +12 VDC activated, except the Green (LED Low Intensity) is GROUND activated.

960L-xx-5F9R FLASH PATTERNS (VER 00)

FRONT WARNING LAMP PATTERNS (DF2, DF1, FC, PF1, PF2):

- 1) OFF
- 2) COMBINATION (PATTERN 5, 4, 6, 4, REPEAT)
- 3) INBOARD / OUTBOARD
- 4) LEFT / RIGHT
- 5) ALTERNATING
- 6) RANDOM
- 7) SINGLE OUTBOARDS ONLY

Note: All patterns can be programmed to operate with or without flashing TAKEDOWNS.

REAR WARNING LAMP PATTERNS (DR4, DR3, DR2, DR1, RC, PR1, PR2, PR3, PR4):

- 1) OFF
- 2) COMBINATION (PATTERNS 5, 4, 6, 4, REPEAT)
- 3) INBOARD / OUTBOARD
- 4) LEFT / RIGHT
- 5) ALTERNATING
- 6) RANDOM
- 7) SINGLE OUTBOARDS ONLY
- 8) DUAL OUTBOARDS ONLY
- 9) REAR WARNING 5 LAMP (4 LAMP WITH CENTER REAR WORK)
- 10) REAR WARNING 7 LAMP (6 LAMP WITH CENTER REAR WORK)

Note: All patterns can be programmed to operate with or without flashing REARWORKS. Pattern # 10 is not available with Outboard Rear Work Option.

SIDE WARNING LAMP PATTERNS (DRC, DA, DFC & PRC, PA, PFC):

- 1) OFF
- 2) REAR SIDE LAMPS ONLY
- 3) FRONT SIDE LAMPS ONLY
- 4) ALL SIDE LAMPS ALTERNATING

Note: All patterns can be programmed to operate with or without flashing ALLEY lamps.

REAR TRAFFIC DIRECTION LAMP PATTERNS WITH NO REAR WORK:

- 1) 9 ELEMENT FULL ARROW
- 2) 9 ELEMENT TRAIL ARROW
- 3) 7 ELEMENT FULL ARROW
- 4) 7 ELEMENT TRAIL ARROW
- 5) 5 ELEMENT FULL ARROW
- 6) 5 ELEMENT TRAIL ARROW

Note: Patterns 3 and 4 can be programmed with SINGLE ALTERNATING or SIMULTANEOUS OUTBOARDS. Patterns 5 and 6 can be programmed with SINGLE ALTERNATING, SINGLE SIMULTANEOUS, DOUBLE ALTERNATING or DOUBLE SIMULTANEOUS OUTBOARDS.

REAR TRAFFIC DIRECTION LAMP PATTERNS WITH OUTBOARD REAR WORK:

- 1) 7 ELEMENT FULL ARROW
- 2) 7 ELEMENT TRAIL ARROW
- 3) 5 ELEMENT FULL ARROW
- 4) 5 ELEMENT TRAIL ARROW

Note: Patterns 3 and 4 can be programmed with SINGLE ALTERNATING or SIMULTANEOUS OUTBOARDS.

REAR TRAFFIC DIRECTION LAMP PATTERNS WITH CENTER REAR WORK OR RC BLANK:

- 1) 8 ELEMENT FULL ARROW
- 2) 8 ELEMENT TRAIL ARROW
- 3) 6 ELEMENT FULL ARROW
- 4) 6 ELEMENT TRAIL ARROW

Note: Patterns 3 and 4 can be programmed with SINGLE ALTERNATING or SIMULTANEOUS OUTBOARDS.

FLASH RATES:

- 1) SINGLE FLASH
- 2) DOUBLE FLASH
- 3) NEOBE® FLASH
- 4) SCROLL FLASH WARNING PATTERNS (4 SECONDS EACH OF ALL RATES)
SCROLL FLASH TRAFFIC DIRECTION PATTERNS (2 CYCLES OF PATTERN)

NOTE: Each section of the lightbar can operate at different flash rates in the same mode, and or, the lightbar can operate different flash rates in each mode.