

Appendix A

960L-xx-7F7R LED LIGHTBAR FACTORY SETTING 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 7 FULL- Single Flash

Side Warning Lamps: Off

+12 vdc **RED/WHT** Control Wires Activated

Front Warning Lamps: Off

Rear Warning Lamps: RIGHT ARROW 7 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 7 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. Traffic Direction Modes are only available when at least five 960-LMOD LED Modules are configured to the Rear of the Lightbar.

960L-xx-7F7R 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 DF2 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.

Appendix A

960L-xx-7F7R FLASH PATTERNS (VER 05)

FRONT WARNING LAMP PATTERNS (DF3, DF2, DF1, FC, PF1, PF2, PF3):

- 1) OFF
- 2) COMBINATION (PATTERN 5, 4, 6, 4, REPEAT)
- 3) INBOARD / OUTBOARD
- 4) LEFT / RIGHT
- 5) ALTERNATING PATTERN #1
- 6) ALTERNATING PATTERN #2
- 7) RANDOM
- 8) SINGLE OUTBOARDS ONLY
- 9) DUAL OUTBOARDS ONLY
- 10) SINGLE FLASHER - DF2 Lamp
- 11) FRONT WARNING 5 LAMP

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

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

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

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

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) 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 OUTBOARD REAR WORK:

- 1) 5 ELEMENT FULL ARROW
- 2) 5 ELEMENT TRAIL ARROW

REAR TRAFFIC DIRECTION LAMP PATTERNS WITH CENTER REAR WORK:

- 1) 6 ELEMENT FULL ARROW
- 2) 6 ELEMENT TRAIL ARROW

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.