

## Appendix A

### 960L-xx-9F7R 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.*

### 960L-xx-9F7R 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 DF3 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-9F7R FLASH PATTERNS (VER 00)

#### FRONT WARNING LAMP PATTERNS (DF4, DF3, DF2, DF1, FC, PF1, PF2, PF3, PF4):

- 1) OFF
- 2) COMBINATION (PATTERN 5, 4, 6, 4, REPEAT)
- 3) INBOARD / OUTBOARD
- 4) LEFT / RIGHT
- 5) ALTERNATING
- 6) RANDOM
- 7) SINGLE OUTBOARDS ONLY
- 8) DUAL OUTBOARDS ONLY
- 9) SINGLE FLASHER - DF3 Lamp
- 10) FRONT WARNING 5 LAMP (4 LAMP WITH CENTER TAKEDOWN)
- 11) FRONT WARNING 7 LAMP (6 LAMP WITH CENTER TAKEDOWN)

Note: All patterns can be programmed to operate with or without flashing TAKEDOWNS. Pattern #11 is not available with Outboard Takedown Option.

#### 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 (4 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) 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.