

Appendix A

930L-8009 LED LIGHTBAR FACTORY DEFAULT FLASH PATTERN

Independent Switch application

Example: NFPA Applications

+12 vdc **ORANGE** Control Wire Activated - Clearing Right of Way

Front Warning Lamps: INBOARD/OUTBOARD - ALL ON

Rear Warning Lamps: INBOARD/OUTBOARD - ALL ON

Corner & End Warning Lamps: Alleys and Corners - ALL ON

In NEOBE® Flash

+12 vdc **ORANGE & BLUE** Control Wires Activated - Blocking Right of Way

Front Warning Lamps: INBOARD/OUTBOARD - ALL ON, except DF1 / PF1 OFF

Rear Warning Lamps: INBOARD/OUTBOARD - ALL ON

Corner & End Warning Lamps: Alleys and Corners - ALL ON

In NEOBE® Flash

Example: Tow Applications

+12 vdc **BLUE** Control Wire Activated - FRONT ONLY

Front Warning Lamps: INBOARD/OUTBOARD - ALL ON

Rear Warning Lamps: OFF

Corner & End Warning Lamps: Alleys - OFF and Corners - ON

In NEOBE® Flash

+12 vdc **WHT/BLK** Control Wire Activated - REAR ONLY

Front Warning Lamps: OFF

Rear Warning Lamps: INBOARD/OUTBOARD - ALL ON

Corner & End Warning Lamps: Alleys - ON and Corners - OFF

In NEOBE® Flash

+12 vdc **BLUE & WHT/BLK** Control Wire Activated - ALL ON

Front Warning Lamps: INBOARD/OUTBOARD - ALL ON

Rear Warning Lamps: INBOARD/OUTBOARD - ALL ON

Corner & End Warning Lamps: Alleys and Corners - ALL ON

In NEOBE® Flash

Traffic Directional Modes - Single Flash - with REAR WARNING LAMPS OFF

930L-8009 CONTROL & POWER WIRES

Red	+12 Vdc Power
Black	GROUND
Orange	Mode Control 1
Blue	Mode Control 2
White/Black	Mode Control 3
Green	LED Low Intensity
Brown	FC Takedown
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	Optional Preemption
Vio	Reserved for Optional Feature _____
Wht	Reserved for Optional Feature _____

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

Appendix A

930L-8009 FLASH PATTERNS (VER 01)

FRONT WARNING LAMP PATTERNS:

(DF4, DF3, DF2, DF1, FC, PF1, PF2, PF3, PF4)

- 1) OFF
- 2) RANDOM ALL ON
- 3) RANDOM ALL ON, EXCEPT FC OFF
- 4) RANDOM ALL ON, EXCEPT DF1 & PF1 OFF
- 5) RANDOM ALL ON, EXCEPT DF2 & PF2 OFF
- 6) RANDOM ALL ON, EXCEPT DF3 & PF3 OFF
- 7) RANDOM ALL ON, EXCEPT DF4 & PF4 OFF
- 8) INBOARD/OUTBOARD, ALL ON (FACTORY DEFAULT)**
- 9) INBOARD/OUTBOARD, EXCEPT FC OFF
- 10) INBOARD/OUTBOARD, EXCEPT DF1 & PF1 OFF
- 11) INBOARD/OUTBOARD, EXCEPT DF2 & PF2 OFF
- 12) INBOARD/OUTBOARD, EXCEPT DF3 & PF3 OFF
- 13) INBOARD/OUTBOARD, EXCEPT DF4 & PF4 OFF
- 14) LEFT/RIGHT ALL ON
- 15) LEFT/RIGHT, EXCEPT FC OFF
- 16) LEFT/RIGHT, EXCEPT DF1 & PF1 OFF
- 17) LEFT/RIGHT, EXCEPT DF2 & PF2 OFF
- 18) LEFT/RIGHT, EXCEPT DF3 & PF3 OFF
- 19) LEFT/RIGHT, EXCEPT DF4 & PF4 OFF
- 20) DUAL SWEEP ALL ON
- 21) DUAL SWEEP, EXCEPT FC OFF

REAR WARNING LAMP PATTERNS:

(DR4, DR3, DR2, DR1, RC, PR1, PR2, PR3, PR4)

- 1) OFF
- 2) RANDOM ALL ON
- 3) INBOARD/OUTBOARD, ALL ON (FACTORY DEFAULT)**
- 4) LEFT/RIGHT ALL ON
- 5) DUAL SWEEP ALL ON

CORNER & END WARNING LAMP PATTERNS:

(DA, PA, DC, PC)

- 1) OFF
- 2) ALLEYS ONLY
- 3) CORNERS ONLY
- 4) ALLEYS AND CORNERS (FACTORY DEFAULT)**

REAR TRAFFIC DIRECTION LAMP PATTERNS:

(DR3, DR2, DR1, RC, PR1, PR2, PR3)

- 1) REAR WARNING LAMPS OFF (FACTORY DEFAULT)**
- 2) SIMULTANEOUS OUTBOARD
- 3) INBOARD / OUTBOARD
- 4) INBOARD / OUTBOARD 5 LAMP

FLASH RATES:

- 1) SINGLE FLASH
- 2) DOUBLE FLASH
- 3) NEOBE® FLASH (FACTORY DEFAULT)**
- 4) SCROLL FLASH (4 SECONDS EACH OF ALL RATES)

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