

## Appendix A

### 950N-8009 NEOBE LIGHTBAR FACTORY SET FLASH PATTERN

Independent Switch application

#### **Mode - ALL ON**

+12 vdc **ORANGE** Control Wire Activated

Front Warning Lamps: *Front Combination - Scroll Flash Rate*  
Rear Warning Lamps: *Rear Combination - Scroll Flash Rate*  
Side Warning Lamps: *Side - All On - Scroll Flash Rate*

#### **Mode - REAR ONLY**

+12 vdc **BLUE** Control Wires Activated

Front Warning Lamps: *Off*  
Rear Warning Lamps: *Rear Combination - Scroll Flash Rate*  
Side Warning Lamps: *Rear Outboard with Side - Scroll Flash Rate*

#### **Mode - FRONT ONLY**

+12 vdc **WHITE/BLACK** Control Wires Activated

Front Warning Lamps: *Front Combination - Scroll Flash Rate*  
Rear Warning Lamps: *Off*  
Side Warning Lamps: *Front Outboard with Corner - Scroll Flash Rate*

#### **Mode - ALL ON**

+12 vdc **BLUE & WHITE/BLACK** Control Wire Activated

Front Warning Lamps: *Front Combination - Scroll Flash Rate*  
Rear Warning Lamps: *Rear Combination - Scroll Flash Rate*  
Side Warning Lamps: *Side - All On - Scroll Flash Rate*

#### **Traffic Directional Modes**

Front & Side Warning Lamps: *Off*  
Rear Directional Lamps: *Left, Right or Center Out - 6 pulse NEOBE*

#### **950N-8009 CONTROL & POWER WIRES**

Red	+12 Vdc Power
Black	GROUND
Orange	Mode Control
Blue	Mode Control
White/Black	Mode Control
Green	Low Intensity Strobe
Brown	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
White	Rear Work or (STT - Tail Light)
Red	Optional PRE2-1C Preemption Emitter or (STT - Left Turn)
Violet	Optional PRE Parking Brake Override or (STT - Right Turn)

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

**950N-8009 FLASH PATTERNS (VER 00)**

**FRONT & REAR CENTER 7 WARNING LAMP PATTERNS:**

- 1) OFF
  - 2) ALTERNATING
  - 3) LEFT/RIGHT
  - 4) RANDOM
  - 5) COMBINATION
  - 6) TRAFFIC DIRECTION 7 ELEMENT
- NOTE: COMBINATION pattern is four cycles of patterns # 2, # 3 & # 4.  
(ALTERNATING, LEFT/RIGHT, RANDOM, LEFT/RIGHT)  
NOTE: Pattern 6 is only available in TRAFFIC DIRECTION modes.

**SIDE WARNING LAMP PATTERNS:**

- 1) OFF
- 2) REAR OUTBOARD
- 3) REAR OUTBOARD with SIDE
- 4) REAR OUTBOARD with SIDE & CORNER
- 5) FRONT OUTBOARD
- 6) FRONT OUTBOARD with CORNER
- 7) FRONT OUTBOARD with SIDE & CORNER
- 8) ALL ON

**FLASH RATES:**

- 1) NEOBE 6 PULSES PER LAMP BURST
- 2) NEOBE 8 PULSES PER LAMP BURST
- 3) NEOBE 10 PULSES PER LAMP BURST
- 4) SCROLL (2 COMPLETE CYCLES AT EACH FLASH RATE).