

# Reliant™

## Police Light Bar



### FEATURES

- Low-profile, dual-color, LED light bar
- 12 Vdc
- Available in 48" length
- Pre-configured models
- Combines effective warning with tactical benefits of flood lighting capability
- Integrated SignalMaster™ directional capability
- Top Domes available in Red/Blue, Blue, or Clear
- White LEDs can be utilized as takedowns and flood lighting
- (28) Flash patterns
- ROC (Reliable Onboard Circuitry™) reduces potential failure points
- Solaris® LED reflector technology
- SpectraLux® multi-color LED technology
- FS Convergence Network for "plug-n-play" installation and programming
- Five-year warranty

The Reliant light bar features a low-profile, linear design that provides a superior multi-color warning on vehicular applications. Designed with safety in mind, Reliant is packed with exclusive technologies and comes with various standard functions to cover all your basic needs at a budget-friendly price. Reliant includes (28) flash patterns, built-in SignalMaster, and alley, takedown, brake, and floodlight capabilities to keep emergency personnel safe on the road.

#### SpectraLux® Lights The Way

Exclusive to Federal Signal, the SpectraLux multi-color LED technology allows an LED light source to change color while in operation. In each module of the light bar, through user-selected flash patterns, the LEDs can change between Amber, Blue, Red and White (up to 2 in each module).

#### Solaris® and ROC (Reliable Onboard Circuitry™)

Built with Solaris LED reflector technology, the Reliant light bar is engineered to increase off-axis warning and maximize the LED light source to eliminate dark spots and increase visibility while on the road. ROC technology minimizes potential failure points in the light bar — replacing wires, connectors and assemblies with PCB assemblies to reduce labor repair time and increase road time for law enforcement personnel.

#### FS Convergence Network

For maximum performance, the FS Convergence Network provides "plug-n-play" installation. Utilizing the RJ45 connections, the Reliant can be easily programmed using a Pathfinder light/siren controller. With control head programmability, the user can customize the keypad to meet their needs.

A serial interface module (ordered separately) with your existing light controller can also be used to program and operate the features and functions of the Reliant.

### APPROVALS

- SAE J845 Class 1 (Amber, Blue, Red, White)
- SAE J595 Class 1 (Amber)
- SAE J595 Class 2 (Blue, Red, White)
- CCR Title 13 (Amber, Blue)
- NFPA 1901
- IP65

### FS TECHNOLOGIES



## SPECIFICATIONS

LED Color      Dome Color  
A B R W    B C R

### RLNT48

OPERATING CURRENT	9 A @ 50% duty cycle
MAX CURRENT	18 A
STANDBY CURRENT	120 mA
INPUT VOLTAGE	12 Vdc
OPERATING TEMP.	-40° to +149° F [-40° to +65° C]

NUMBER OF FLASH PATTERNS	28
LED COUNT	Varies by Model
HARNESS	Serial
MOUNT	Low Hook

### PHYSICAL SPECIFICATIONS LIGHT HEAD

LENGTH	47.6 in (120.9 cm)
WIDTH	11.6 in (29.5 cm)
HEIGHT	1.3 in (3.3 cm)

SHIP WEIGHT	20.5 lb (9.3 kg)
-------------	------------------

### LED COUNT

FRONT AND REAR REFLECTOR POSITIONS	9 LEDs per color
ALLEY POSITIONS	6 LEDs per color
CORNER POSITIONS	12 LEDs per color

## STANDARD FUNCTIONS

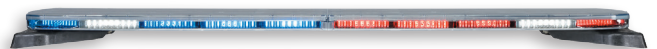
- Warning Lights
- Flood lights
- Takedown lights
- Alley lights
- Brake lights
- SignalMaster (left, right, center-out, and warn patterns)



Warning Lights



Flood Lights



Takedowns are available in positions  
2 and 9 (outer front positions)  
or 5 and 6 (center positions)



Alley



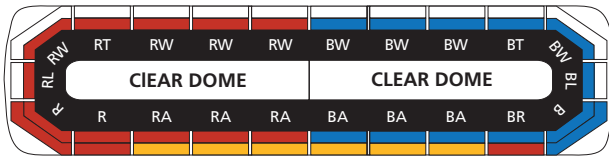
Brake Lights



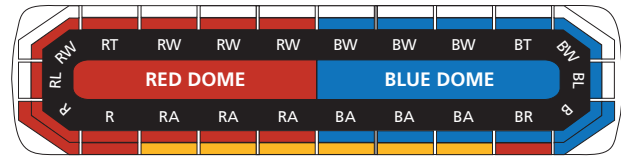
SignalMaster™

## HOW TO ORDER

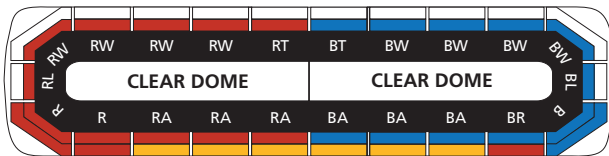
MODEL#	LENGTH	WARNING LIGHT CAPABILITY	TOP DOME COLOR	WHITE LED TD	WHITE LED ALLEY LIGHTS	WHITE LED FLOOD LIGHTS	AMBER LED SIGNALMASTER	RED LED BRAKE LIGHTS	SERIAL-CONTROLLED	MOUNT
RLNT48-P1LRB	48-inch	Red/Blue/White	Red/Blue	2,9	L, L1	•	•	•	•	Low Hook
RLNT48-P3LRB	48-inch	Red/Blue/White	Red/Blue	5,6	L, L1	•	•	•	•	Low Hook
RLNT48-P1LC	48-inch	Red/Blue/White	Clear	2,9	L, L1	•	•	•	•	Low Hook
RLNT48-P3LC	48-inch	Red/Blue/White	Clear	5,6	L, L1	•	•	•	•	Low Hook
RLNT48-P2LB	48-inch	Blue/White	Blue	2,9	L, L1	•	•	•	•	Low Hook
RLNT48-P4LB	48-inch	Blue/White	Blue	5,6	L, L1	•	•	•	•	Low Hook
RLNT48-P2LC	48-inch	Blue/White	Clear	2,9	L, L1	•	•	•	•	Low Hook
RLNT48-P4LC	48-inch	Blue/White	Clear	5,6	L, L1	•	•	•	•	Low Hook



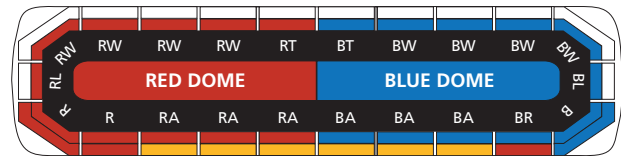
RLNT48-P1LC



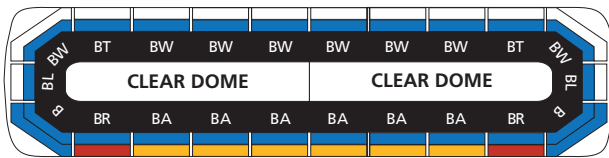
RLNT48-P1LRB



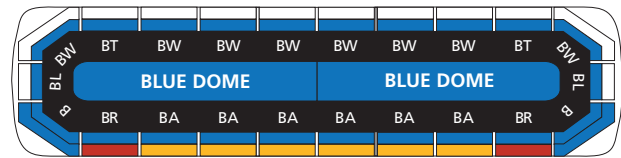
RLNT48-P3LC



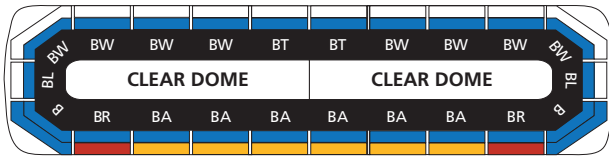
RLNT48-P3LRB



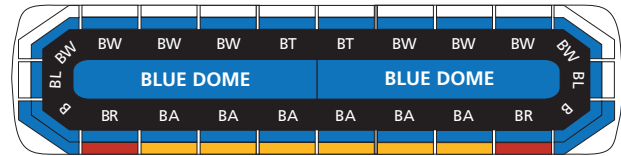
RLNT48-P2LC



RLNT48-P2LB



RLNT48-P4LC



RLNT48-P4LB



ROC (Reliable Onboard Circuitry, Solaris, SpectraLux, Reliant, and SignalMaster are trademarks of Federal Signal.