

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

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



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.

SPECIFICATIONS

LED Color: **A** **B** **R** **W** Dome Color: **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)
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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

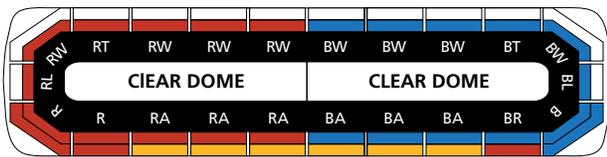


SignalMaster™

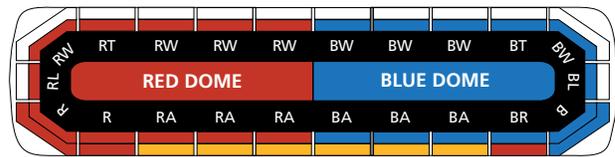
HOW TO ORDER

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

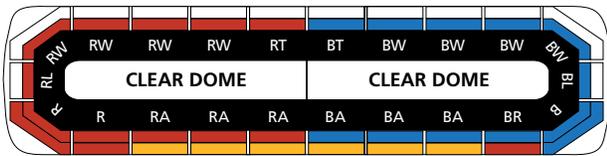
* Serial Interface Module sold separately



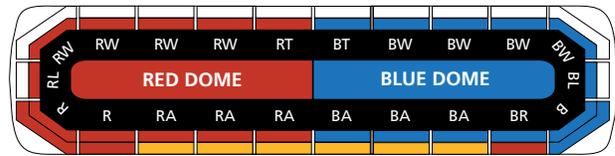
RLNT48-P1LC



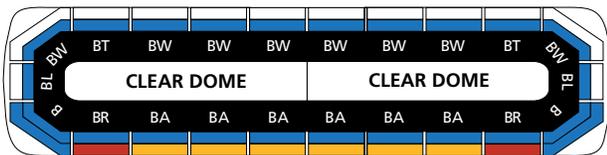
RLNT48-P1LRB



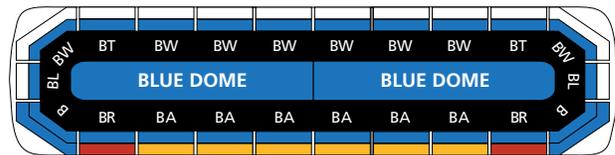
RLNT48-P3LC



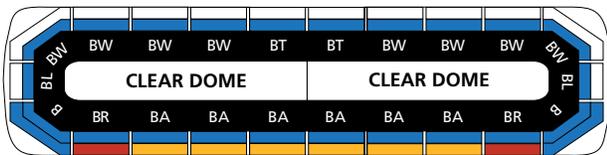
RLNT48-P3LRB



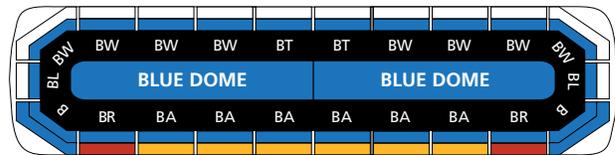
RLNT48-P2LC



RLNT48-P2LB



RLNT48-P4LC



RLNT48-P4LB



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