

Navigator®

Light Bar



FEATURES

- Multiple lengths available to fit a variety of fleet applications
- Patented SLR rotator optimizes LEDs for a true 360-degree light output
- Patented Solaris® technology incorporated in SLR and QuadraFlare® modules
- Can be configured with the LED Traffic Clearing Light (TCL)
- Pre-configured models that meet NFPA 1901 and SAE J845 Class 1, GSA KKK-A-1822F, and CCR Title 13
- Two-color capability with LED colors in Red, Blue, Amber, White and Green
- Floodlight feature illuminates the front of the vehicle, and virtually eliminates the need for additional spotlights
- Five-year warranty

Navigator is a linear, high-profile LED light bar that offers first responders a unique choice of using LED reflectors and LED rotators in one platform. Designed to fit the needs of multiple agencies, the Navigator options, and overall flexibility can be used on fire apparatus, command/fleet vehicles, police, or work trucks/DOT.

Solaris LED Reflector Technology

Federal Signal's exclusive Solaris LED Rotating Reflectors (SLR) and QuadraFlare® reflectors are engineered to significantly increase off-axis warning and maximize the LED light source to eliminate dark spots for true 360-degree light coverage.



These reflectors ability to flash in single and dual LED colors. LED color options are available in Red, Blue, Amber, White and Green. Upon White mode activation, the Navigator provides an impressive flood capability to light up an emergency scene. There are 30 flash patterns, including the flood option. Navigator offers a front and rear light bar cut-off feature for enhanced functionality and safety.

Model Variations

Navigator is available in 10", 18", 25", 45", 53", 60", 73", and 87" lengths for a consistent look across an entire fleet of vehicles. The 45", 53", and 60" are also available in a discreet or serial variations.

In addition to standard model configurations, Navigator is also available in custom configurations. Custom configurations allow the user the ability to mix SLR, QuadraFlare, and TCL modules.

TCL produces 250+ ft of directional light to the front of the emergency vehicle and is directed at the driver's rearview mirror, warning them of an emergency vehicle. In addition, the SignalMaster™ directional warning option is available for the 45", 53" and 60" models to direct traffic approaching the rear of an emergency vehicle.

APPROVALS

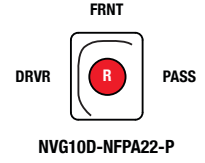
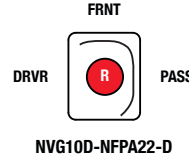
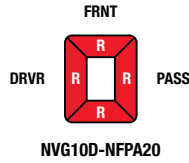
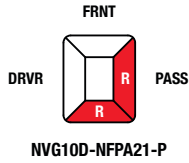
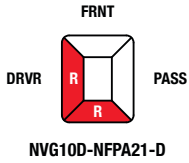
- NFPA 1901
- SAE J845 Class 1
- GSA KKK-A-1822F
- CCR Title 13

FS TECHNOLOGIES



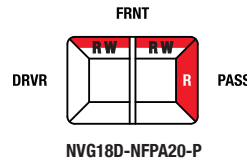
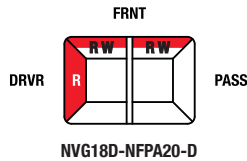
Optional White light provides an impressive floodlight feature.

HOW TO ORDER



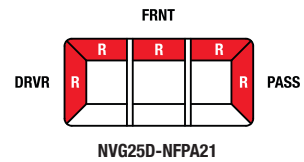
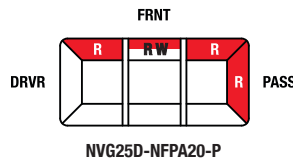
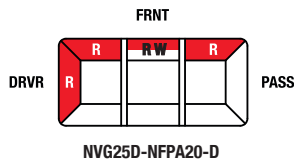
10" NAVIGATOR MODELS

NVG10D-NFPA21-D	10" Navigator, (1) QL64 Red, (1) QL73 Red, Clear domes, Flat mount
NVG10D-NFPA21-P	10" Navigator, (1) QL64 Red, (1) QL73 Red, Clear domes, Flat mount
NVG10D-NFPA-20	10" Navigator, (2) QL64 Red, (2) QL73 Red, Clear domes, Flat mount
NVG10D-NFPA22-D	10" Navigator, (1) SLR Rotator Red with Driver Side mirror, Clear domes, Flat mount
NVG10D-NFPA22-P	10" Navigator, (1) SLR Rotator Red with Passenger Side mirror, Clear domes, Flat mount



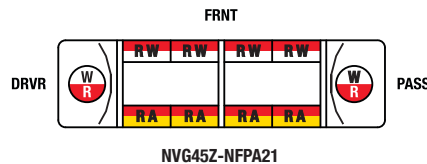
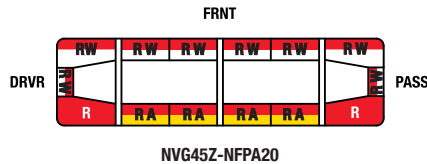
18" NAVIGATOR MODELS

NVG18D-NFPA20-D	18" Navigator, (1) QL73 Red, (2) QL64 Red/White, Clear domes, Clear bulkheads, 4"-riser mount
NVG18D-NFPA20-P	18" Navigator, (1) QL73 Red, (2) QL64 Red/White, Clear domes, Clear bulkheads, 4"-riser mount



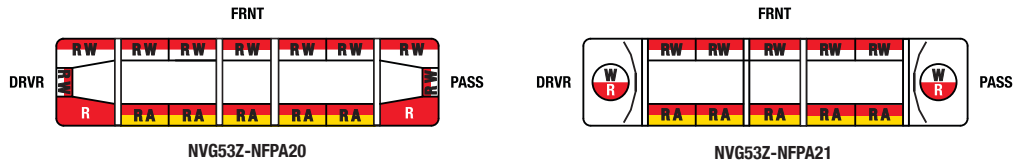
25" NAVIGATOR MODELS

NVG25D-NFPA20-D	25" Navigator, (2) QL64 Red, (1) QL64 Red/White, (1) QL73 Red, Clear domes, Clear bulkheads, 4"-riser mount
NVG25D-NFPA20-P	25" Navigator, (2) QL64 Red, (1) QL64 Red/White, (1) QL73 Red, Clear domes, Clear bulkheads, 4"-riser mount
NVG25D-NFPA21	25" Navigator, (3) QL64 Red, (2) QL73 Red, Clear domes, Clear bulkheads, 4"-riser mount



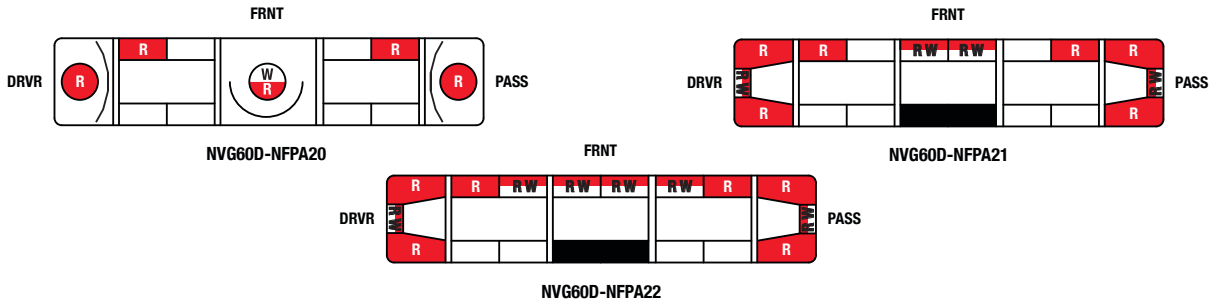
45" NAVIGATOR MODELS

NVG45Z-NFPA20	45" Navigator, Convergence Network, (4) QL64 Red/White, (4) QL64 Red/Amber with SML integration, (2) QL43 Red/White, (2) QL73 Red, (2) QL73 Red/White, Clear domes, Clear bulkheads, Hook mount
NVG45Z-NFPA21	45" Navigator, Convergence Network, (4) QL64 Red/White, (4) QL64 Red/Amber with SML integration, (2) SLR Rotators Red/White with End mirrors, Clear domes, Clear bulkheads, Hook mount



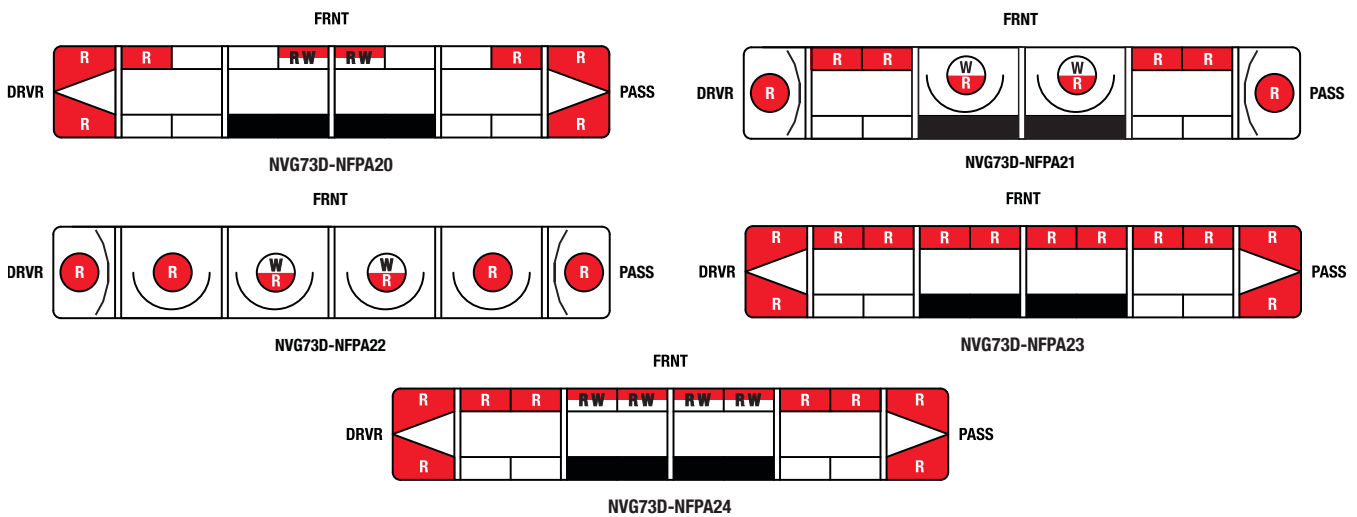
53" NAVIGATOR MODELS

NVG53Z-NFPA20	53" Navigator, Convergence Network, (5) QL64 Red/White, (5) QL64 Red/Amber with SML integration, (2) QL43 Red/White, (2) QL73 Red/White, Clear domes, Clear bulkheads, Hook mount
NVG53Z-NFPA21	53" Navigator, Convergence Network, (5) QL64 Red/White, (5) QL64 Red/Amber with SML integration, (2) SLR Rotators Red/White with End mirrors, Clear domes, Clear bulkheads, Hook mount



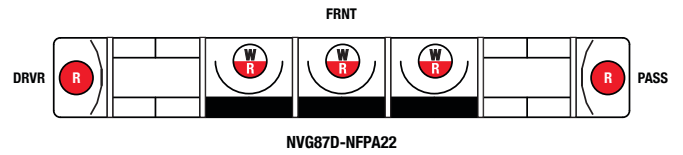
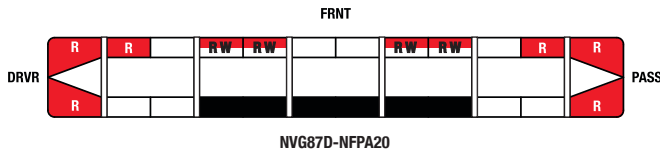
60" NAVIGATOR MODELS

NVG60D-NFPA20	60" Navigator, (2) SLR Red with End mirrors, (1) SLR Rotator Red/White with Rear-Blocking mirror, (2) QL64 Red, Clear domes, Clear bulkheads, 4"-riser mount
NVG60D-NFPA21	60" Navigator, (4) QL73 Red, (2) QL64 Red/White, (2) QL64 Red, (2) QL43 Red/White, Clear domes, Clear bulkheads, 4"-riser mount
NVG60D-NFPA22	60" Navigator, (4) QL73 Red, (4) QL64 Red/White, (2) QL64 Red, (2) QL43 Red/White, Clear domes, Clear bulkheads, 4"-riser mount



73" NAVIGATOR MODELS

NVG73D-NFPA20	73" Navigator, (4) QL73 Red, (2) QL64 Red/White, (2) QL64 Red, Clear domes, Clear bulkheads, 4"-riser mount
NVG73D-NFPA21	73" Navigator, (2) SLR Rotators Red with End mirrors, (2) SLR Rotators Red/White with Rear-Blocking mirror, (4) QL64 Red, Clear domes, Clear bulkheads, 4"-riser mount
NVG73D-NFPA22	73" Navigator, (2) SLR Rotators Red with End mirrors, (2) SLR Rotators Red/White and (2) SLR Rotators Red with Rear-Blocking mirror, Clear domes, Clear bulkheads, 4"-riser mount
NVG73D-NFPA23	73" Navigator, (4) QL73 Red, (8) QL64 Red, Clear domes, Clear bulkheads, 4"-riser mount
NVG73D-NFPA24	73" Navigator, (4) QL73 Red, (4) QL64 Red, (4) QL64 Red/White, Clear domes, Clear bulkheads, 4"-riser mount



87" NAVIGATOR MODELS

NVG87D-NFPA20	87" Navigator, (4) QL73 Red, (4) QL64 Red/White, Clear domes, Clear bulkheads, 4"-riser mount
NVG87D-NFPA22	87" Navigator, (2) SLR Rotators Red with End mirrors, (3) SLR Rotators Red/White with Rear-Blocking mirrors, Clear domes, Clear bulkheads, 4"-riser mount

MOUNTING OPTIONS

HKB-(MODEL). CONTACT FACTORY FOR UPDATED VEHICLE HOOK KIT OPTIONS.

Z8653134B	Mount kit, hook, 45- through 61-in
Z8653134B-01	Mount kit, permanent, 45- through 61-in
Z8653178-1	Mount kit, flat, Navigator, 10-in
Z8653178-2	Mount kit, flat, 18- though 61-in and 94-in
Z8653178-3	Mount kit, flat, 70- through 87-in
Z806501522-2	Mount kit, flat, 4-in riser, FS logo cut-out, 10-in through 60-in
Z806501522-4	Mount kit, flat, 4-in riser, FS logo cut-out, 73-in through 87-in



Choose between Black or Clear bulkhead colors.

SPECIFICATIONS

LED Color					Dome Color			
A	B	G	R	W	A	B	R	C

	NVG10	NVG18	NVG25	NVG45	NVG53	NVG60	NVG73	NVG87
VOLTS	12 Vdc							
CURRENT DRAW	1.5 A per QuadraFlare Head / 2.5 A per SLR Rotator							
OPERATING TEMP.	-40° to + 176° F (-40° to + 80° C)							
PHYSICAL SPECIFICATIONS								
LENGTH	10.0 in (25.4 cm)	17.6 in (44.7 cm)	24.8 in (63.0 cm)	45.3 in (115.1 cm)	52.5 in (133.4 cm)	59.2 in (150.2 cm)	73.0 in (185.4 cm)	86.9 in (220.6 cm)
WIDTH	12.4 in (31.5 cm)							
HEIGHT	4.4 in (11.2 cm)							
SHIP WEIGHT								

Varies by model and configuration



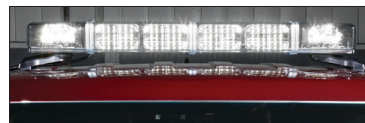
Federal Signal's patented Solaris® LED Rotating Reflector (SLR) with a true 360-degrees of light output.



QuadraFlare® LED modules offer powerful light performance eliminating dark spots.



Navigator can be configured with the TCL.



An impressive flood light capability illuminates an emergency scene.



Navigator can be configured for police applications.



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