

2014 NFPA 1901

Specification Lighting Packages

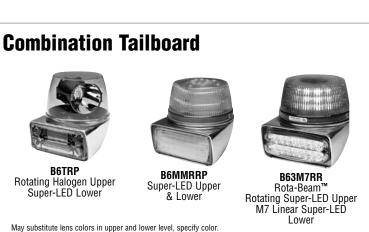


NFPA Compliant Components

JENFPA 56" / JONFPA 60" JE2QNFPA 56" / JEOQNFPA 60" Justice® Super-LED® FN55QLED 55" / FN60QLED 60" / FN72QLED 72" FN55VLED 55" / FN60VLED 60" / FN72VLED 72" Freedom™ Super-LED

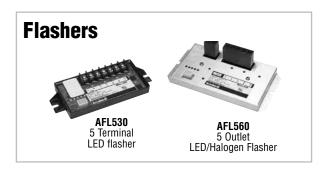
Mini Lightbars FNMINI Freedom™ Super-LED Super-LED FNMINI JNMINI Justice® Super-LED





Index Components. 2-3 Specifications: Requirements & Measurements 4-5 M Series Surface Mount Packages (shown in bold) Aerial Package 1 - LED & Halogen 6-7 Aerial Package 2 - LED & Halogen 10-11 Pumper Package 1 - LED & Halogen 10-11 Pumper Package 1 - LED & Halogen 12-13 Rescue Package 1 - LED & Halogen 14-15 Rescue Package 2 - LED 16-17 Aerial, Pumper, Rescue Package 1 - LED, Lower Zone 18 Upper Zone Aerial Package 1 - LED & Halogen 19 Upper Zone Aerial Package 2 - LED & Halogen 20 Upper Zone Pumper Package 1 - LED & Halogen 21 Upper Zone Rescue Package 1 - LED & Halogen 22 Upper Zone Rescue Package 2 - LED 44 Small Apparatus Package 2 - LED & Halogen 25 Small Apparatus Package 2 - LED & Halogen 26 Aerial Package 1 - LED & Halogen 26 Aerial Package 1 - LED & Halogen 31-32 Pumper Package 2 - LED & Halogen 31-32 Pumper Package 1 - LED & Halogen 31-32 Pumper Package 2 - LED & Halo





400 Series



40RR5SRR 400 Series Linear Super-LED®



4V3R 400 V-Series™ Super-LED Combination Warning/Flood/Puddle

500 Series



50R03ZRR 500 Series TIR6™ Super-LED

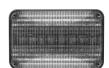


50R02ZRR 500 Series Linear Super-LED



5V3R 500 V-Series Super-LED Combination Warning/Flood/Puddle

600 Series



60R02FRR 600 Series Linear Super-LED



6RBR 600 Series Rota-Beam™ Rotating Super-LED

LIN3™



RSR02ZCR LIN3 Series Linear Super-LED

LINZ6™



LINZ6R Linear Super-LED

700 Series



70R02FRR 700 Series Linear Super-LED



70RC6FCR 700 Series Linear Super-LED Split Red/White



WIONSMCR ION V-Series Super-LED Combination Warning/Flood/Puddle



V23TPC
V-Series Super-LED
Combination Warning/Flood/Puddle

900 Series



90RR5FRR 900 Series Linear Super-LED



90RA5FCR 900 Series Linear Super-LED split Red/Amber



900 Series Linear Super-LED split Red/White

Headlight Mounting



Lighthead mounting in headlight cluster with 600 Series Lighthead



Lighthead mounting in headlight cluster with M6 Series Lighthead

M Series - Surface Mount



M4R M4 Series Surface Mount Linear Super-LED



M6R M6 Series Surface Mount Linear Super-LED



M7R M7 Series Surface Mount Linear Super-LED



M9R M9 Series Surface Mount Linear Super-LED



M6V2R V-Series Super-LED Combination Warning/Puddle



M9V2R V-Series Super-LED Combination Warning/Scenelight

Note: Choosing one of the options listed in each zone is the minimum zone requirement that is needed to meet the NFPA 1901 Standard for Automotive Fire Apparatus 2009 Edition, Table 13.8.13.5 (Minimum Optical Power Requirements for Apparatus). If additional lighting is needed to meet lower zone distance requirements only, Whelen offers a wide variety of lightheads to fit your needs.

Some LED lightheads have internal flasher module and do not need a flasher unless a specific flash sequence is needed.

For overall amperage consumption, see Amp Draw Charts in back of book.



NFPA 1901 Lighting Specifications

Measurements Summary Sheet

How to Measure Lighting Specifications

EXAMPLE: Zone A Upper, Clearing the Right of Way Measurements.

- 1. Test all modules distributing light 45° right and 45° left at 5° increments (19 test points, total).
- 2. Add all 19 test points together for each module and add these modules together.

For example:

A rotating lamp has the same reading at all 19 points

(i.e. 120 candela seconds in red) $19 \times 120 = 2280$.

There are four of these identical rotators in Zone A $4 \times 2280 = 9120$.

There is also one clear rotator in Zone A that produces 600 candela. $19 \times 600 \times 1 = 11400$.

Add 11400 to the four identical rotators (9120) for a total of 20520.

To convert to candela-second/minutes, multiply 20520 x 1.25 (Hz) x 60 (seconds).

The total is 1,539,000 candela-second/minutes.

3. There is a minimum requirement in Zone A for each of the 19 test points (10.000 candela-sec./min.).

For example: 20° left:

Four red rotators produce 220 candela seconds at 20° and one clear rotator produces 600 candela seconds at 20° for a total of 1080 candela seconds. Multiply 1080 by 1.25 (Hz) and multiply by 60 (seconds) for a total of 81,000 candela-second/minutes.

4. The final test requirement for this zone is to check 5° up and 5° down at all 19 test points.

The minimum requirement for these areas is 3500 candela-second/minutes.

For example: at 35° left, 5° down:

All four identical red rotators get 40 candela seconds.

One clear rotator gets 200 candela seconds.

 $40 \times 4 + 200 \times 1.25$ (Hz) $\times 60$ (seconds) equals 27,000 candela-second/minutes.

5. Other requirements to keep in mind:

For large & small apparatus photometric requirements & color requirements by zones see charts.

6. Load Management (refer to NFPA 1901 Standards Section 13.3.6).

Often the electrical requirements of all appliances operating at the same time exceed the output capacity of the alternator. To prevent deep discharge of the vehicles batteries, appliance malfunction, or possible engine shut down, it is required to automatically disconnect non-critical loads in order to equalize the alternator output capacity.

The purchaser and apparatus manufacturer must work together to determine the load management priority assigned to each piece of equipment on the apparatus. Certain equipment including the emergency lighting required to meet the minimum photometric zone requirements cannot be load managed, additional emergency lighting equipment can be installed on the apparatus, however this equipment should be connected to an automatic load manager.

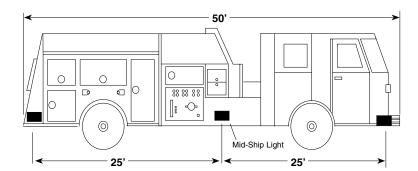
How to determine the quantity of mid-ship lights needed to adequately light the lower B&D zones of Large Apparatus.

Additional mid-ship lights must be added so that you always maintain a horizontal distance of 25 feet or less between all centers of the lower level warning lights.

For example:

You have a piece of apparatus 50 feet long. In Zone B lower you are using 3 warning lights. (1 front bumper area, 1 rear of the apparatus, and 1 mid-ship light in the center of the apparatus).

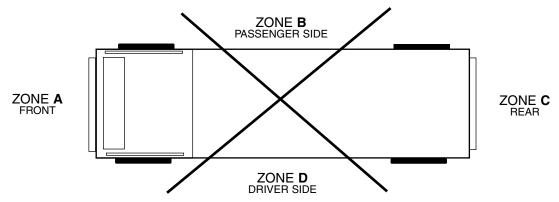
The distance from the mid-ship light to the front light or the rear light must not exceed a distance of 25 feet. As you can see, you will not exceed the 25 foot requirement from the mid-ship light to the front bumper light. If you exceed 25 feet, you must add an additional mid-ship light, for a total of four lower level lights.





NFPA 1901 Lighting Specifications Minimum requirements

The warning system is configured to have two operating modes.
Calling Right of Way (Responding) and Blocking Right of Way (At the Scene)



Large apparatus, defined as apparatus that has a bumper to bumper length of 25 feet or greater. Large apparatus has four (4) separate zones. Each of the four (4) zones are divided into an upper and lower level zones. In zone B, and D the lower level warning lights used cannot exceed a distance of 25 feet between the centers of adjacent lower level optical warning devices. If the optical warning devices exceed 25 feet, additional mid-ship optical devices are required. Refer to the NFPA 1901 Standard for Automotive Fire Apparatus 2009 Edition, Chapter 13 Low Voltage Electrical Systems and Warning Devices.

Large Apparatus - Greater than 25'

		CALLIN	CALLING FOR RIGHT OF WAY			BLOCKING RIGHT OF WAY		
ZONE	LEVEL	Н	ANY H POINT	+/-5 ANY H	Н	ANY H POINT	+/-5 ANY H	
Α	Upper	1,000,000	10,000	3,500	400,000	10,000	3,500	
A	Lower	150,000	3,750	1,300	150,000	3,750	1,300	
В	Upper	400,000	10,000	3,500	400,000	10,000	3,500	
В	Lower	150,000	3,750	1,300	150,000	3,750	1,300	
С	Upper	400,000	10,000	3,500	800,000	10,000	3,500	
	Lower	150,000	3,750	1,300	150,000	3,750	1,300	
D	Upper	400,000	10,000	3,500	400,000	10,000	3,500	
J D	Lower	150,000	3,750	1,300	150,000	3,750	1,300	

Zone Colors

COLOR	CALLING FOR RIGHT OF WAY	BLOCKING RIGHT OF WAY
Red	Any Zone	
Blue		Any Zone
Amber	Any Zone except A FRONT	
White	Any Zone except C REAR	Not Permitted Any Zone

NOTE: All values are in candela-seconds/minute. H= Horizontal plane passing through the optical center.

Small apparatus, defined as apparatus that has a bumper to bumper length of 25 feet or less. Small apparatus has four (4) separate zones. Each of the four (4) zones combined upper and lower level zones as one zone. Refer to the NFPA 1901 Standard for Automotive Fire Apparatus 2009 Edition, Chapter 13 Low Voltage Electrical Systems and Warning Devices.

Small Apparatus - Less than 25'

		CALLIN	IG FOR RIGHT ()F WAY	BLOCKING R	IGHT OF WAY	
ZONE	LEVEL	Н	ANY H POINT	+/-5 ANY H	Н	ANY H POINT	+/-5 ANY H
Α		1,000,000	10,000		400,000	10,000	
В	Upper &	200,000	8,000	0.500	200,000	8,000	0.500
С	Lower Combined	400,000	10,000	3,500	800,000	10,000	3,500
D		200,000	8,000		200,000	8,000	

NOTE: All values are in candela-seconds/minute. H= Horizontal plane passing through the optical center.

Zone Colors

COLOR	CALLING FOR RIGHT OF WAY	BLOCKING RIGHT OF WAY
Red	Any Zone	
Blue		Any Zone
Amber	Any Zone except A FRONT	
White	Any Zone except C REAR	Not Permitted Any Zone

AERIAL PACKAGE 1

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER Choose 1 of the options below Zone Photometric Requirement- 1,000,000 CSM ☐ Option 1 Two Model FNMINI Mini Freedom™ LED Lightbars, 24", clear outer lenses, mount straight or angled FNMINI FNMINI

ZONE A L	.OWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue	Option 7 Two M4D Option 8 Two M4J Option 9 Two M7D Option 10 Two M7J Option 11 Two M6D Option 12 Two M6J Option 13 Two M6V2R M4 Series Linear Super-LED, split red/wh M7 Series Linear Super-LED, split red/wh M8 Series Linear Super-LED, split red/wh M9 Series Linear Super-LED, split red/wh
ZONE B U	JPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSN

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

M7 Series Linear Super-LED, red

ZONE B L	OWER	Choose 1 of the options below	Zone P	hotometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7 Option 8	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B Two M4D Two M4J	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M4 Series Linear Super-LED, split red/white M4 Series Linear Super-LED, split red/blue	Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J Option 12 Two M7K Option 13 Two M6D Option 14 Two M6J Option 15 Two M6K Option 16 Two M6V2R	M4 Series Linear Super-LED, split red/ambe M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/ambe M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/ambe M6 V-Series™ Super-LED, red
ZONE C U	IPPER	Choose 1 of the options below	Zone P	Photometric Requirement- 800,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two R316RF Two RB6TRP Two B6TMRR1P Two B63M7RR Two MCFLED2R Two L31HRFN	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red	Option 9 Two M6R Option 10 Two M9R Option 11 One M9R One M9A Option 12 One M9R One M9B Option 13 One M6A One M6R	M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red
Option 7	Two B6MMRRP	Super-LED Beacons Upper Section, Lower Level Linear Super-LED flasher, red	Option 14 One M6R One M6B	M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue



☐ Option 8 Two M7R

☐ Option 15 Two M9V2R

M9 V-Series™ Super-LED, red

This package meets all zone requirements of NFPA 1901 specifications.

AERIAL PACKAGE 1 (cont.)

LED AND ROTATING HALOGEN LIGHTING

ZONE C LOWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM
Option 1 Two M-One M-O	R M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue R M7 Series Linear Super-LED, red R M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And	Option 7 Two M4J Option 8 Two M4K Option 9 Two M7J Option 10 Two M7K Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2R M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/amber M8 Series Linear Super-LED, split red/amber M8 Series Linear Super-LED, split red/amber M8 Series Linear Super-LED, split red/amber M9 Series Linear Super-LED, split red/amber
ZONE D UPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSM

Zone D Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A Upper Zone D Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE D LOWER	Choose 1 of the options below	Zone P	Photometric Requirement- 150,000 CSM
Option 1 Two M4R Option 2 One M4R	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And	Option 8 Two M4J Option 9 Two M4K	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber
One M4B Option 3 Two M7R	M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red	Option 10 Two M7D Option 11 Two M7J	M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue
☐ Option 4 One M7R One M7B ☐ Option 5 Two M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red	Option 12 Two M7K Option 13 Two M6D	M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white
Option 6 One M6R One M6B Option 7 Two M4D	M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M4 Series Linear Super-LED, split red/white	☐ Option 14 Two M6J☐ Option 15 Two M6K☐ Option 16 Two M6V2R	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	



AERIAL PACKAGE 2

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER

Zone Photometric Requirement- 1,000,000 CSM

☐ Option 1 Model JNMINI pair of Mini Justice® LED Lightbars, 24", with clear outer lenses





ZONE A LOWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM
Option 1 Two M4R One M4B One M4B Option 3 Two M7R Option 4 One M7B Option 5 Two M6R One M6B One M6B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	Option 7 Two M4D Option 8 Two M4J Option 9 Two M7D Option 10 Two M7J Option 11 Two M6D Option 12 Two M6J M4 Series Linear Super-LED, split red/white M5 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue
ZONE B UPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by one rotator from the Model JNMINI Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE B L	OWER	Choose 1 of the options below		Zone Pho	tometric Requirement- 150,000 CSM
Option 1	Two M4R	M4 Series Linear Super-LED, red	Option 8 To	wo M4J	M4 Series Linear Super-LED, split red/blue
Option 2	One M4R	M4 Series Linear Super-LED, red, And	Doption 9 To	wo M4K	M4 Series Linear Super-LED, split red/amber
	One M4B	M4 Series Linear Super-LED, blue	U Option 10 To		M7 Series Linear Super-LED, split red/white
Option 3	Two M7R	M7 Series Linear Super-LED, red	Uption 11 To		M7 Series Linear Super-LED, split red/blue
Option 4	One M7R One M7B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue	U Option 12 To		M7 Series Linear Super-LED, split red/amber
Option 5	Two M6R	M6 Series Linear Super-LED, blue	U Option 13 To		M6 Series Linear Super-LED, split red/white
Option 6	One M6R	M6 Series Linear Super-LED, red. And	Option 14 To		M6 Series Linear Super-LED, split red/blue
_ 00	One M6B	M6 Series Linear Super-LED, blue	Option 15 To Option 16 To		M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red
🖵 Option 7	Two M4D	M4 Series Linear Super-LED, split red/white	- Option to 10	WU WOVZN	ivio v-series super-LED, reu
		A	_		
ZONE C U	IPPER	Choose 1 of the options below	Zono	e Photometi	ic Requirement- 800,000 CSM
					•
∟I Ontion 1	Two B316BF	Rota-Ream™ Super-LED flat mount heacon, red	□ Ontion 9 Tv	wo M6R	M6 Series Linear Suner-LED red
Option 1 Ontion 2	Two R316RF	Rota-Beam™ Super-LED flat mount beacon, red			M6 Series Linear Super-LED, red M9 Series Linear Super-LED red
Option 2	Two RB6TRP	RB6 Series Rotating Halogen Beacons, red	Option 10 Tv	wo M9R	M9 Series Linear Super-LED, red
Option 2 Option 3		•	Option 10 Tv	wo M9R ne M9R	
Option 2	Two RB6TRP	RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section,	□ Option 10 Tv □ Option 11 Or Or □ Option 12 Or	wo M9R ne M9R ne M9A ne M9R	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And
Option 2 Option 3 Option 4	Two RB6TRP Two B6TMRR1P Two B63M7RR	RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red	Option 10 Tv Option 11 Or Option 12 Or Or	wo M9R ne M9R ne M9A ne M9R ne M9B	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue
Option 2 Option 3 Option 4 Option 5	Two RB6TRP Two B6TMRR1P Two B63M7RR Two MCFLED2R	RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red	Option 10 TV Option 11 Or Option 12 Or Option 13 Or	wo M9R ne M9R ne M9A ne M9R ne M9B ne M6A	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And
Option 2 Option 3 Option 4 Option 5 Option 6	Two RB6TRP Two B6TMRR1P Two B63M7RR Two MCFLED2R Two L31HRFN	RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red	Option 10 TV Option 11 OO Option 12 OO Option 13 OO Option 13 OO OO	wo M9R ne M9R ne M9A ne M9R ne M9B ne M6A ne M6R	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red
Option 2 Option 3 Option 4 Option 5	Two RB6TRP Two B6TMRR1P Two B63M7RR Two MCFLED2R	RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section,	Option 10 TV Option 11 OO Option 12 OO Option 13 OO Option 13 OO Option 14 OO	wo M9R ne M9R ne M9A ne M9R ne M9B ne M6A ne M6R ne M6R	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And
Option 2 Option 3 Option 4 Option 5 Option 6	Two RB6TRP Two B6TMRR1P Two B63M7RR Two MCFLED2R Two L31HRFN	RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red	Option 10 TV Option 11 OO Option 12 OO Option 13 OO Option 13 OO Option 14 OO	wo M9R ne M9R ne M9A ne M9R ne M9B ne M6A ne M6R ne M6R ne M6R	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red

This package meets all zone requirements of NFPA 1901 specifications.

AERIAL PACKAGE 2 (cont.)

LED AND ROTATING HALOGEN LIGHTING

ZONE C LOWER		Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM		
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4B One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, blue	Option 7 Two M4J Option 8 Two M4K Option 9 Two M7J Option 10 Two M7K Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2R M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/blue M6 V-Series™ Super-LED, red		
ZONE D U	IPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSM		

Zone D Upper Front is covered by one rotator from the Model JNMINI Lightbar from Zone A Upper Zone D Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE D LOWER	Choose 1 of the options below	Zone Photome	etric Requirement- 150,000 CSM
Option 1 Two M4R Option 2 One M4R	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And	Option 8 Two M4J Option 9 Two M4K	M4 Series Linear Super-LED, split red/blue
One M4B Option 3 Two M7R	M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red	Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J	M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue
Option 4 One M7R One M7B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue	Option 12 Two M7K Option 13 Two M6D	M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white
Option 5 Two M6R One M6R One M6B Option 7 Two M4D	M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M4 Series Linear Super-LED, split red/white	☐ Option 14 Two M6J☐ Option 15 Two M6K☐ Option 16 Two M6V2R	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	—
TRUCK NUMBER	



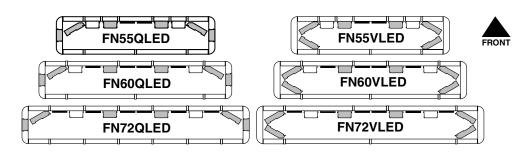
PUMPER PACKAGE 1

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

55")" !"
;")" ;"
)



ZONE A LOWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM
Option 1 Two M4R One M4B Option 3 Two M7R Option 4 One M7B Option 5 Two M6R One M6R One M6B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	Option 7 Two M4D Option 8 Two M4J Option 9 Two M7D Option 10 Two M7J Option 11 Two M6D Option 12 Two M6J Option 13 Two M6V2R M4 Series Linear Super-LED, split red/white M5 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/white M8 Series Linear Super-LED, split red/blue M8 Series Linear Super-LED, split red/white M9 Series Linear Super-LED, split red/white
ZONE B UPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE B LOWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM
Option 1 Two M4R One M4B Option 3 Two M7R Option 4 One M7B Option 5 Two M6R Option 6 One M6R One M6B Option 7 Two M4D	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, split red/white	Option 8 Two M4J Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J Option 12 Two M7K Option 13 Two M6D Option 14 Two M6J Option 15 Two M6K Option 16 Two M6V2R M4 Series Linear Super-LED, split red/blue M5 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/blue M8 Series Linear Super-LED, split red/white M8 Series Linear Super-LED, split red/white M8 Series Linear Super-LED, split red/blue M8 Series Linear Super-LED, split red/blue M8 Series Linear Super-LED, split red/blue M9 Series Linear Super-LED, split red/amber

This package meets all zone requirements of NFPA 1901 specifications.

PUMPER PACKAGE 1 (cont.)

LED AND ROTATING HALOGEN LIGHTING

ZONE C U	IPPER	Choose 1 of the options below	Zone I	Photometric Requirement- 800,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7 Option 8 Option 9	Two R316RF Two RB6TRP Two B6TMRR1P Two B63M7RR Two MCFLED2R Two L31HRFN Two B6MMRRP Two M7R Two M6R	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section, Lower Level Linear Super-LED flasher, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red	Option 10 Two M9R Option 11 One M9R One M9A Option 12 One M9B Option 13 One M6A One M6R Option 14 One M6R One M6B Option 15 Two M9V2R	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series™ Super-LED, red
ZONE C L	.OWER	Choose 1 of the options below	Zone l	Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	Option 7 Two M4J Option 8 Two M4K Option 9 Two M7J Option 10 Two M7K Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red
ZONE D U	JPPER	Choose 1 of the options below	Zone :	Photometric Requirement- 400,000 CSM
Zone D Upper Zone D Upper	r Front is covered b r Rear is covered b	y the lights from the Rear or Side of the Lightbar fr y one of the options chosen from Zone C Upper	rom Zone A Upper	
ZONE D L	.OWER	Choose 1 of the options below	Zone l	Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4	One M4B Two M7R One M7R One M7B	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red	Option 8 Two M4J Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J Option 12 Two M7K Option 13 Two M6D	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/white

M Series Lightheads are Surface Mount

One M6B

Option 5 Two M6R

Option 6 One M6R

☐ Option 7 Two M4D

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPA 1901 Standards for Automotive Fire Apparatus (2014 Edition). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications.

M6 Series Linear Super-LED, red

M6 Series Linear Super-LED, blue

M6 Series Linear Super-LED, red, And

M4 Series Linear Super-LED, split red/white

FIRE DEPARTMENT	
TRUCK NUMBER	

M6 Series Linear Super-LED, split red/blue

M6 V-Series[™] Super-LED, red

M6 Series Linear Super-LED, split red/amber



☐ Option 14 Two M6J

☐ Option 15 Two M6K

☐ Option 16 Two M6V2R

PUMPER PACKAGE 2

LED AND ROTATING HALOGEN LIGHTING

ZONE A LO	OWER	Choose 1 of the options below	Zone P	Photometric Requirement- 150,000 CSM
Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	☐ Option 7 Two M4D ☐ Option 8 Two M4J ☐ Option 9 Two M7D ☐ Option 10 Two M7J ☐ Option 11 Two M6D ☐ Option 12 Two M6J ☐ Option 13 Two M6V2R	M4 Series Linear Super-LED, split red/white M4 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 V-Series™ Super-LED, red
ZONE B U	PPER	Choose 1 of the options below	Zone F	Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by one rotator from the Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE B LOWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM
Option 1 Two M4R Option 2 One M4R One M4B Option 3 Two M7R Option 4 One M7R One M7B Option 5 Two M6R Option 6 One M6R One M6B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	Option 7 Two M4D Option 8 Two M4J Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J Option 12 Two M7K Option 13 Two M6J Option 14 Two M6J Option 15 Two M6K M4 Series Linear Super-LED, split red/whit M7 Series Linear Super-LED, split red/whit M7 Series Linear Super-LED, split red/whit M8 Series Linear Super-LED, split red/whit M9 Series Linear Super-LED, split red/whit

This package meets all zone requirements of NFPA 1901 specifications.

PUMPER PACKAGE 2 (cont.)

LED AND ROTATING HALOGEN LIGHTING

ZONE C U	IPPER	Choose 1 of the options below	Zone	Photometric Requirement- 800,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7 Option 8 Option 9 Option 10	Two R316RF Two RB6TRP Two B67MRR1P Two B63M7RR Two MCFLED2R Two L31HRFN Two B6MMRRP Two M7R Two M6R	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section, Lower Level Linear Super-LED flasher, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red	Option 11 One M9R One M9A Option 12 One M9R One M9B Option 13 One M6A One M6R Option 14 One M6R One M6B Option 15 Two M9V2R	M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series™ Super-LED, red
ZONE C L	.OWER	Choose 1 of the options below	Zone	Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	☐ Option 7 Two M4J ☐ Option 8 Two M4K ☐ Option 9 Two M7J ☐ Option 10 Two M7K ☐ Option 11 Two M6J ☐ Option 12 Two M6K ☐ Option 13 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red
ZONE D U	IPPER	Choose 1 of the options below	Zone	Photometric Requirement- 400,000 CSM
		by one rotator from the Lightbar from Zone A Upper by one of the options chosen from Zone C Upper		
ZONE D L	.OWER	Choose 1 of the options below	Zone	Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7	Two M4R One M4B One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B Two M4D	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, split red/white	Option 8 Two M4J Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J Option 12 Two M7K Option 13 Two M6D Option 14 Two M6J Option 15 Two M6K Option 16 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

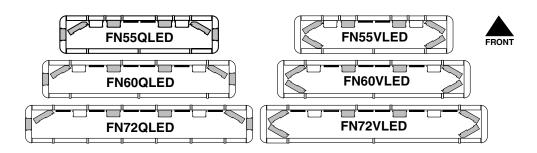
FIRE DEPARTMENT		
TRUCK NUMBER		



RESCUE PACKAGE 1

LED LIGHTING

ZONE A UPPER Choose 1 of the options below Zone Photometric Requirement- 1,000,000 CSM Option 1 Option 2 Option 2 Option 3 Option 3 One FN55QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 55" Option 3 Option 4 Option 4 Option 5 Option 5 Option 6 Option 6 Option 6 Option 6 One FN72QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 55" One FN60VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 55" One FN60VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60" One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60" One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72"



ZONE A L	OWER	Choose 1 of the options below	Zone	Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	Option 7 Two M4D Option 8 Two M4J Option 9 Two M7D Option 10 Two M7J Option 11 Two M6D Option 12 Two M6J Option 13 Two M6V2R	M4 Series Linear Super-LED, split red/white M4 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 V-Series™ Super-LED, red
ZONE B U	IPPER	Choose 1 of the options below	Zone	Photometric Requirement- 400,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5	Two M7R Two M6R Two M9R One M9R One M9A One M9R One M9B	M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6 One M6A One M6R One M6R One M6R One M6B One M6B Two M9B Two M6B	M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue
ZONE B L	OWER	Choose 1 of the options below	Zone	Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B Two M4D	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue M4 Series Linear Super-LED, split red/white	Option 8 Two M4J Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J Option 12 Two M7K Option 13 Two M6D Option 14 Two M6J Option 15 Two M6K Option 16 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red



This package meets all zone requirements of NFPA 1901 specifications.

RESCUE PACKAGE 1 (cont.)

LED LIGHTING

ZONE C U	PPER	Choose 1 of the options below	Zone Photometric Requirement- 800,000		
Option 1 Option 2 Option 3 Option 4 Option 5	Two M7R Two M6R Two M9R One M9R One M9A One M9R One M9B	M7 Series Linear Super-LED®, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6 Option 7 Option 8	One M6A One M6R One M6R One M6B Two M9V2R	M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series [™] Super-LED, red
ZONE C L	OWER	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6R	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	Option 7 Option 8 Option 9 Option 10 Option 11 Option 12 Option 13	Two M7K Two M6J Two M6K	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red
ZONE D L	IPPER	Choose 1 of the options below		Zone Pl	notometric Requirement- 400,000 CSM
Option 1 Option 2 Option 3 Option 4	Two M7R Two M6R Two M9R One M9R One M9A One M9R	M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And	Option 6 Option 7 Option 8	One M6A One M6R One M6R One M6B Two M9B	M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue
	One M9B	M9 Series Linear Super-LED, blue	Option 9	Two M6B	M6 Series Linear Super-LED, blue
ZONE D L			U Option 9		M6 Series Linear Super-LED, blue notometric Requirement- 150,000 CSM

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPA 1901 Standards for Automotive Fire Apparatus (2014 Edition). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications.

FIRE DEPARTMENT TRUCK NUMBER



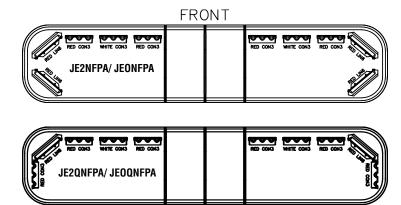
RESCUE PACKAGE 2

LED LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

□ Option 1 One Model JE2NFPA NFPA Justice® Lightbar with angled corners and clear outer lenses, 56"
□ Option 2 One Model JE0NFPA NFPA Justice Lightbar with angled corners and clear outer lenses, 62"
□ Option 3 One Model JE2QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 56"
□ Option 4 One Model JE0QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 62"



ZONE A L	OWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM		
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	Option 7 Two M4D Option 8 Two M4J Option 9 Two M7D Option 10 Two M7J Option 11 Two M6D Option 12 Two M6J Option 13 Two M6V2R	M4 Series Linear Super-LED, split red/white M4 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 V-Series™ Super-LED, red	
ZONE B U	PPER	Choose 1 of the options below	Zone F	Photometric Requirement- 400,000 CSM	
Option 1 Option 2 Option 3 Option 4 Option 5	Two M7R Two M6R Two M9R One M9R One M9A One M9R One M9B	M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6 One M6A One M6R One M6R One M6B One M6B Option 8 Two M9B Option 9 Two M6B	M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue	
ZONE B L	OWER	Choose 1 of the options below	Zone F	Photometric Requirement- 150,000 CSM	
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	☐ Option 8 Two M4J ☐ Option 9 Two M4K ☐ Option 10 Two M7D ☐ Option 11 Two M7J ☐ Option 12 Two M7K ☐ Option 13 Two M6D ☐ Option 14 Two M6J ☐ Option 15 Two M6K ☐ Option 16 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amb M7 Series Linear Super-LED, split red/whit M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amb M6 Series Linear Super-LED, split red/whit M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amb M6 V-Series™ Super-LED, red	

M4 Series Linear Super-LED, split red/white



Option 7 Two M4D

This package meets all zone requirements of NFPA 1901 specifications.

RESCUE PACKAGE 2 (cont.)

LED LIGHTING

ZONE C UPPER		Choose 1 of the options below	Zon	ne Photometric Requirement- 800,000 CSM
Option 1 Option 2 Option 3 Option 4	Two M7R Two M6R Two M9R One M9R One M9A One M9R One M9B	M7 Series Linear Super-LED®, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6 One M6A One M6R Option 7 One M6R One M6B Option 8 Two M9V2R	M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series™ Super-LED, red
ZONE C I	.OWER	Choose 1 of the options below	Zon	ne Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And	Option 7 Two M4J Option 8 Two M4K Option 9 Two M7J Option 10 Two M7K Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2F	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red
ZONE D L	One M6B	M6 Series Linear Super-LED, blue Choose 1 of the options below	Zon	e Photometric Requirement- 400,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5	Two M7R Two M6R Two M9R One M9R One M9A One M9R One M9B	M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6 One M6A One M6R Option 7 One M6B Option 8 Two M9B Option 9 Two M6B	M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue
ZONE D I	.OWER	Choose 1 of the options below	Zon	ne Photometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6B Two M4D	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, split red/white	Option 8 Two M4J Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J Option 12 Two M7K Option 13 Two M6D Option 14 Two M6J Option 15 Two M6K Option 16 Two M6V2F	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPA 1901 Standards for Automotive Fire Apparatus (2014 Edition). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications.

FIRE DEPARTMENT



AERIAL, PUMPER, RESCUE PACKAGE 1

This package meets all lower zone requirements of NFPA 1901 specifications.

LED LIGHTING. LOWER ZONE ONLY

)WER	Choose 1 of the options below	Zone P	hotometric Requirement- 150,000 CSM
Option 1				
	Two M4R	M4 Series Linear Super-LED®, red	Option 7 Two M4D	M4 Series Linear Super-LED, split red/white
	One M4R	M4 Series Linear Super-LED, red, And	Uption 8 Two M4J	M4 Series Linear Super-LED, split red/blue
	One M4B	M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red	Option 9 Two M7D	M7 Series Linear Super-LED, split red/white
	Two M7R One M7R	M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And	Option 10 Two M7J	M7 Series Linear Super-LED, split red/blue
	One M7B	M7 Series Linear Super-LED, blue	Option 11 Two M6D Option 12 Two M6J	M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue
Option 5	Two M6R	M6 Series Linear Super-LED, red	Option 13 Two M6V2R	M6 V-Series ™ Super-LED, red
	One M6R	M6 Series Linear Super-LED, red, And	- Option to two Movent	Wio V Octios Ouper LLD, red
	One M6B	M6 Series Linear Super-LED, blue		
ZONE B LO	OWER	Choose 1 of the options below	Zone F	Photometric Requirement- 150,000 CSM
Option 1	Two M4R	M4 Series Linear Super-LED®, red	Option 8 Two M4J	M4 Series Linear Super-LED, split red/blue
	One M4R	M4 Series Linear Super-LED, red, And	Option 9 Two M4K	M4 Series Linear Super-LED, split red/amber
	One M4B	M4 Series Linear Super-LED, blue	Doption 10 Two M7D	M7 Series Linear Super-LED, split red/white
	Two M7R	M7 Series Linear Super-LED, red	Option 11 Two M7J	M7 Series Linear Super-LED, split red/blue
	One M7R	M7 Series Linear Super-LED, red, And	Qoption 12 Two M7K	M7 Series Linear Super-LED, split red/amber
	One M7B Two M6R	M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red	☐ Option 13 Two M6D	M6 Series Linear Super-LED, split red/white
	One M6R	M6 Series Linear Super-LED, red. And	Option 14 Two M6J	M6 Series Linear Super-LED, split red/blue
	One M6B	M6 Series Linear Super-LED, blue	Option 15 Two M6K	M6 Series Linear Super-LED, split red/amber
Option 7	Two M4D	M4 Series Linear Super-LED, split red/white	☐ Option 16 Two M6V2R	M6 V-Series [™] Super-LED, red
ZONE C LO	DWER	Choose 1 of the options below	Zone F	Photometric Requirement- 150,000 CSM
	Two M4R	M4 Series Linear Super-LED®, red	☐ Option 7 Two M4J	M4 Series Linear Super-LED, split red/blue
	One M4R One M4B	M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue	Option 8 Two M4K	M4 Series Linear Super-LED, split red/amber
		M7 Series Linear Super-LED, red	Option 9 Two M7J	M7 Series Linear Super-LED, split red/blue
	IWO IVI/R			
Option 3	Two M7R One M7R		Option 10 Two M7K Option 11 Two M6.	M7 Series Linear Super-LED, split red/amber
Option 3 Option 4	One M7R One M7R One M7B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue	Option 11 Two M6J	M6 Series Linear Super-LED, split red/blue
Option 3 Option 4 Option 5	One M7R One M7B Two M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red	Option 11 Two M6J Option 12 Two M6K	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber
Option 3 Option 4 Option 5 Option 6	One M7R One M7B Two M6R One M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And	Option 11 Two M6J	M6 Series Linear Super-LED, split red/blue
Option 3 Option 4 Option 5 Option 6	One M7R One M7B Two M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red	Option 11 Two M6J Option 12 Two M6K	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber
Option 3 Option 4 Option 5 Option 6	One M7R One M7B Two M6R One M6R One M6B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And	☐ Option 11 Two M6J☐ Option 12 Two M6K☐ Option 13 Two M6V2R☐	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber
Option 3 Option 4 Option 5 Option 6	One M7R One M7B Two M6R One M6R One M6B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below	Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2R	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM
Option 3 Option 4 Option 5 Option 6 ZONE D L	One M7R One M7B Two M6R One M6R One M6B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red	Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2R Zone I Option 8 Two M4J	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2	One M7R One M7B Two M6R One M6R One M6B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below	Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2R Zone I Option 8 Two M4J Option 9 Two M4K	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3	One M7R One M7B Two M6R One M6R One M6B OWER Two M4R One M4R One M4B Two M7R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, blue M7 Series Linear Super-LED, red	Option 11 Two M6J Option 12 Two M6K Option 13 Two M6V2R Zone I Option 8 Two M4J Option 9 Two M4K Option 10 Two M7D Option 11 Two M7J	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3 Option 4	One M7R One M7B Two M6R One M6R One M6B OWER Two M4R One M4R One M4R One M4B Two M7R One M7R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, pred M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, red, And	☐ Option 11 Two M6J ☐ Option 12 Two M6K ☐ Option 13 Two M6V2R Zone I ☐ Option 8 Two M4J ☐ Option 9 Two M4K ☐ Option 10 Two M7D ☐ Option 11 Two M7J ☐ Option 12 Two M7K	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/blue
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3 Option 4	One M7R One M7B Two M6R One M6R One M6B OWER Two M4R One M4R One M4B Two M7R One M7R One M7B	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, pred M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue	☐ Option 11 Two M6J ☐ Option 12 Two M6K ☐ Option 13 Two M6V2R Zone I ☐ Option 8 Two M4J ☐ Option 9 Two M4K ☐ Option 10 Two M7D ☐ Option 11 Two M7J ☐ Option 12 Two M7K ☐ Option 13 Two M6D	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/amber
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3 Option 4 Option 5	One M7R One M7B Two M6R One M6B OWER Two M4R One M4R One M4B Two M4R One M4B Two M7R One M7R One M7B Two M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, red	☐ Option 11 Two M6J ☐ Option 12 Two M6K ☐ Option 13 Two M6V2R Zone I ☐ Option 8 Two M4J ☐ Option 9 Two M4K ☐ Option 10 Two M7D ☐ Option 11 Two M7J ☐ Option 12 Two M7K ☐ Option 13 Two M6D ☐ Option 14 Two M6J	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3 Option 4 Option 5 Option 5 Option 6	One M7R One M7B Two M6R One M6B OWER Two M4R One M4R One M4B Two M4R One M4B Two M7R One M7R One M7B Two M6R One M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And	☐ Option 11 Two M6J☐ Option 12 Two M6K☐ Option 13 Two M6V2R☐ Option 13 Two M6V2R☐ Option 8 Two M4J☐ Option 9 Two M4K☐ Option 10 Two M7D☐ Option 11 Two M7J☐ Option 12 Two M7K☐ Option 13 Two M6D☐ Option 14 Two M6J☐ Option 15 Two M6K☐	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3 Option 3 Option 4 Option 5 Option 6	One M7R One M7B Two M6R One M6B OWER Two M4R One M4R One M4B Two M4R One M4B Two M7R One M7R One M7B Two M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, red	☐ Option 11 Two M6J ☐ Option 12 Two M6K ☐ Option 13 Two M6V2R Zone I ☐ Option 8 Two M4J ☐ Option 9 Two M4K ☐ Option 10 Two M7D ☐ Option 11 Two M7J ☐ Option 12 Two M7K ☐ Option 13 Two M6D ☐ Option 14 Two M6J	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3 Option 4 Option 5 Option 5 Option 6	One M7R One M7B Two M6R One M6B OWER Two M4R One M4R One M4B Two M7R One M7R One M7B Two M6R One M6R One M6R One M6R	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, split red/white	☐ Option 11 Two M6J☐ Option 12 Two M6K☐ Option 13 Two M6V2R☐ Option 13 Two M6V2R☐ Option 8 Two M4J☐ Option 9 Two M4K☐ Option 10 Two M7D☐ Option 11 Two M7J☐ Option 12 Two M7K☐ Option 13 Two M6D☐ Option 14 Two M6J☐ Option 15 Two M6K☐	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber
Option 3 Option 4 Option 5 Option 6 ZONE D L Option 1 Option 2 Option 3 Option 4 Option 5 Option 5 Option 6	One M7R One M7B Two M6R One M6B OWER Two M4R One M4B One M4B Two M7R One M7B Two M6R One M6B Two M6R One M6R One M6B Two M4D	M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue Choose 1 of the options below M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, split red/white	☐ Option 11 Two M6J☐ Option 12 Two M6K☐ Option 13 Two M6V2R☐ Option 13 Two M6V2R☐ Option 8 Two M4J☐ Option 9 Two M4K☐ Option 10 Two M7D☐ Option 11 Two M7J☐ Option 12 Two M7K☐ Option 13 Two M6D☐ Option 14 Two M6J☐ Option 15 Two M6K☐	M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red Photometric Requirement- 150,000 CSM M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/amber M6 Series Linear Super-LED, split red/white M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/blue M6 Series Linear Super-LED, split red/amber

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	_
RUCK NUMBER	_



UPPER ZONE AERIAL PACKAGE 1

LED AND ROTATING HALOGEN LIGHTING

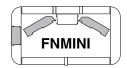
This package meets all upper zone requirements of NFPA 1901 specifications.

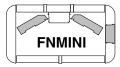
ZONE A UPPER

Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

☐ Option 1 Two Model FNMINI Mini Freedom™ LED Lightbars, 24", clear outer lenses, mount straight or angled





ZONE B UPPER

Choose 1 of the options below

Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE C UPPER		Choose 1 of the options below	W Zone Photometric Requirement- 800,000	
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7	Two R316RF Two RB6TRP Two B6TMRR1P Two B63M7RR Two MCFLED2R Two L31HRFN Two B6MMRRP Two M7R	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section, Lower Level Linear Super-LED flasher, red M7 Series Linear Super-LED, red	Option 10 Two M9R Option 11 One M9R One M9A Option 12 One M9R One M9B Option 13 One M6A One M6R Option 14 One M6R One M6B Option 15 Two M6V2R Option 16 Two M9V2R	M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M6 V-Series™ Super-LED, red M9 V-Series™ Super-LED, red
Option 8 Option 9	Two M7R Two M6R	•	_ '	• •

ZONE D UPPER

Choose 1 of the options below

Zone Photometric Requirement- 400,000 CSM

Zone D Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A Upper Zone D Upper Rear is covered by one of the options chosen from Zone C Upper

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
FRUCK NUMBER	



UPPER ZONE AERIAL PACKAGE 2

LED AND ROTATING HALOGEN LIGHTING

This package meets all upper zone requirements of NFPA 1901 specifications.

ZONE A UPPER

Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

Option 1 Model JNMINI pair of Mini Justice® LED Lightbars, 24", with clear outer lenses





ZONE B UPPER

Choose 1 of the options below

Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by one rotator from the Model JNMINI Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE C UPPER	Choose 1 of the options below	Zone Photometric Requirement- 800,000 CSM
Option 1 Two R316RF Option 2 Two RB6TRP Option 3 Two B6TMRR1P Option 4 Two B63M7RR Option 5 Two MCFLED2R Option 6 Two L31HRFN Option 7 Two B6MMRRP Option 8 Two M7R Option 9 Two M6R Option 10 Two M9R	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, M7 Super-LED lower section, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section, Lower Level Linear Super-LED flasher, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red	Option 11 One M9R One M9A M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue M9 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 V-Series™ Super-LED, red M9 V-Series™ Super-LED, red
ZONE D UPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSM

Zone D Upper Front is covered by one rotator from the Model JNMINI Lightbar from Zone A Upper Zone D Upper Rear is covered by one of the options chosen from Zone C Upper

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT		
TRUCK NUMBER		



This package meets all upper zone requirements of NFPA 1901 specifications.

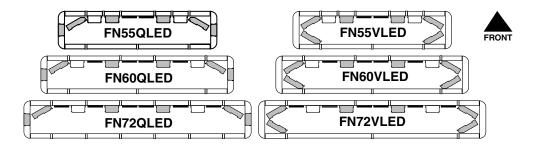
UPPER ZONE PUMPER PACKAGE 1

LED LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

Option 1
One FN55QLED NFPA Freedom™ LED Lightbar, clear outer lenses, std. 55"
Option 3
Option 3
One FN72QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60"
One FN72QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72"
Option 4
Option 5
Option 5
Option 6
Option 6
Option 6
Option 6
Option 7
Option 8
Option 9
O



ZONE B UPPER

Choose 1 of the options below

Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE C L	ZONE C UPPER Choose 1 of the options below			Zone Photometric Requirement- 800,000 CSM	
Option 1 Option 2 Option 3 Option 4	Two M9R One M9R One M9A	M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6	One M6A One M6R One M6R One M6B	M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue
ZONE D UPPER Choose 1 of the options below			Zone	Photometric Requirement- 400,000 CSM	

Zone D Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A Upper Zone D Upper Rear is covered by one of the options chosen from Zone C Upper

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	



UPPER ZONE PUMPER PACKAGE 2

FORM# M0914-11

LED AND ROTATING HALOGEN LIGHTING

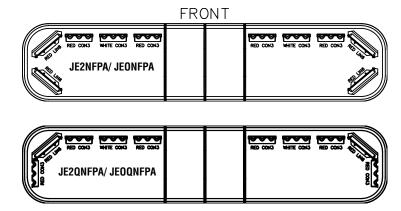
This package meets all upper zone requirements of NFPA 1901 specifications.

ZONE A UPPER

Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

□ Option 1 One Model JE2NFPA NFPA Justice® Lightbar with angled corners and clear outer lenses, 56"
□ Option 2 One Model JE0NFPA NFPA Justice Lightbar with angled corners and clear outer lenses, 62"
□ Option 3 One Model JE2QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 56"
□ Option 4 One Model JE0QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 62"



ZONE B UPPER

Choose 1 of the options below

Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by one rotator from the Lightbar from Zone A Upper Zone B Upper Rear is covered by one of the options chosen from Zone C Upper

ZONE C UPPER Choose 1 of the options below Zone Photometric Requirement- 800,000 CSM ☐ Option 10 Two M9R **□ Option 1** Two R316RF Rota-Beam™ Super-LED flat mount beacon, red M9 Series Linear Super-LED, red Option 2 Two RB6TRP Option 11 One M9R M9 Series Linear Super-LED, red, And RB6 Series Rotating Halogen Beacons, red One M9A M9 Series Linear Super-LED, amber ☐ Option 3 Two B6TMRR1P RBT Series Halogen Upper Rotator, Option 12 One M9R M9 Series Linear Super-LED, red, And Lower Level, Linear Super-LED® flasher, red Rota Beam Super-LED Beacons upper section, One M9B M9 Series Linear Super-LED, blue ☐ Option 4 Two B63M7RR M6 Series Linear Super-LED, amber, And ☐ Option 13 One M6A M7 Super-LED lower section, red ☐ Option 5 Two MCFLED2R One M6R M6 Series Linear Super-LED, red Micro Freedom™ Super-LED Lightheads, red M6 Series Linear Super-LED, red, And ☐ Option 6 Two L31HRFN L31 Series Super-LED Beacons, red ☐ Option 14 One M6R M6 Series Linear Super-LED, blue One M6B ☐ Option 7 Two B6MMRRP Super-LED Beacons Upper Section. M6 V-Series[™] Super-LED, red Option 15 Two M6V2R Lower Level Linear Super-LED flasher, red M9 V-Series[™] Super-LED, red ☐ Option 16 Two M9V2R ☐ Option 8 Two M7R M7 Series Linear Super-LED, red Option 9 Two M6R M6 Series Linear Super-LED, red

ZONE D UPPER

Choose 1 of the options below

Zone Photometric Requirement- 400,000 CSM

Zone D Upper Front is covered by one rotator from the Lightbar from Zone A Upper Zone D Upper Rear is covered by one of the options chosen from Zone C Upper

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

IRE DEPARTMENT	_
RUCK NUMBER	_



This package meets all upper zone requirements of NFPA 1901 specifications.

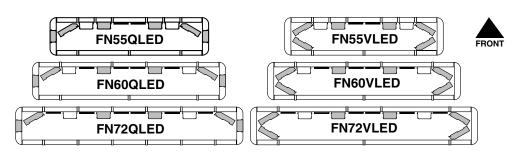
UPPER ZONE RESCUE PACKAGE 1

LED LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

Question 1 One FN55QLED NFPA Freedom™ LED Lightbar, clear outer lenses, std. 55 One FN60QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60" One FN55QLED NFPA Freedom™ LED Lightbar, clear outer lenses, std. 55" Option 3 One FN72QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72" Option 4 One FN55VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 55" One FN60VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60" Option 6 One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72"



ZONE B U	JPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSM
Option 1 Option 2 Option 3 Option 4	Two M9R One M9R One M9A	M7 Series Linear Super-LED®, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6 One M6A One M6R M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue M6 Series Linear Super-LED, blue M6 Series Linear Super-LED, red
ZONE C U	JPPER	Choose 1 of the options below	Zone Photometric Requirement- 800,000 CSM
Option 1 Option 2 Option 3 Option 4	Two M7R Two M6R Two M9R One M9R One M9A One M9R One M9B	M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	J Option 6One M6A One M6R One M6RM6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, redJ Option 7One M6R One M6B One M6BM6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blueJ Option 8Two M9V2RM9 V-Series™ Super-LED, red
ZONE D (JPPER	Choose 1 of the options below	Zone Photometric Requirement- 400,000 CSM
☐ Option 1☐ Option 2☐ Option 3☐ Option 4☐ Option 5☐	Two M7R Two M6R Two M9R One M9R One M9A One M9R One M9B	M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, blue	Option 6 One M6A One M6R M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue M9 Series Linear Super-LED, blue M6 V-Series™ Super-LED, red

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	



UPPER ZONE RESCUE PACKAGE 2

LED LIGHTING

This package meets all upper zone requirements of NFPA 1901 specifications.

ZONE A UPPER Choose 1 of the options below Zone Photometric Requirement- 1.000.000 CSM **FRONT** Option 1 One Model JE2NFPA NFPA Justice® Lightbar with angled corners and clear outer lenses, 56" Option 2 One Model JEONFPA NFPA Justice Lightbar with angled corners and clear outer lenses, 62" JE2NFPA/ JEONFPA Option 3 One Model JE2QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 56" Option 4 One Model JEOQNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 62" JE2QNFPA/ JEOQNFPA **ZONE B UPPER** Choose 1 of the options below Zone Photometric Requirement- 400.000 CSM Option 6 ☐ Option 1 Two M7R M7 Series Linear Super-LED, red One M6A M6 Series Linear Super-LED, amber, And Option 2 One M6R M6 Series Linear Super-LED, red Two M6R M6 Series Linear Super-LED, red Option 7 One M6R M6 Series Linear Super-LED, red, And Option 3 Two M9R M9 Series Linear Super-LED, red One M6B M6 Series Linear Super-LED, blue Option 4 M9 Series Linear Super-LED, red, And One M9R ☐ Option 8 Two M9B One M9A M9 Series Linear Super-LED, amber M9 Series Linear Super-LED, blue ☐ Option 9 Two M6B **Option 5** One M9R M9 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue One M9B M9 Series Linear Super-LED, blue Option 10 Two M6V2R M6 V-Series[™] Super-LED, red **ZONE C UPPER** Choose 1 of the options below Zone Photometric Requirement- 800,000 CSM **Option 1** Two M7R M7 Series Linear Super-LED, red Option 6 M6 Series Linear Super-LED, amber, And One M6A Option 2 One M6R M6 Series Linear Super-LED, red Two M6R M6 Series Linear Super-LED, red Option 3 Option 7 One M6R M6 Series Linear Super-LED, red, And Two M9R M9 Series Linear Super-LED, red One M6B M6 Series Linear Super-LED, blue Option 4 One M9R M9 Series Linear Super-LED, red, And ☐ Option 8 Two M9V2R M9 V-Series™ Super-LED, red One M9A M9 Series Linear Super-LED, amber ☐ Option 5 One M9R M9 Series Linear Super-LED, red, And One M9B M9 Series Linear Super-LED, blue **ZONE D UPPER** Choose 1 of the options below Zone Photometric Requirement- 400.000 CSM M6 Series Linear Super-LED, amber, And ☐ Option 1 Two M7R ☐ Option 6 One M6A M7 Series Linear Super-LED, red ☐ Option 2 Two M6R One M6R M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red Option 7 Option 3 One M6R M6 Series Linear Super-LED, red, And Two M9R M9 Series Linear Super-LED, red One M6B M6 Series Linear Super-LED, blue Option 4 One M9R M9 Series Linear Super-LED, red, And

M Series Lightheads are Surface Mount

Option 5

One M9A

One M9R

One M9B

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPÁ 1901 Standards for Automotive Fire Apparatus (2014 Editión). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications.

M9 Series Linear Super-LED, amber

M9 Series Linear Super-LED, blue

M9 Series Linear Super-LED, red, And

FIRE DEPARTMENT		
TRUCK NUMBER		

M9 Series Linear Super-LED, blue

M6 Series Linear Super-LED, blue

M6 V-Series[™] Super-LED, red



☐ Option 8 Two M9B

☐ Option 9 Two M6B

☐ Option 10 Two M6V2R

SMALL APPARATUS (25'or Less) PACKAGE 1 This package meets all zone requirements of NFPA 1901 specifications.

LED AND ROTATING HALOGEN LIGHTING

Zone A	UPPER and LO	OWER Combined	Zone Photometric Requirement- 1,000,000 CSM		
Choose 1	of the options	for the Upper Zone			
Option 1 Option 2		FPA Freedom™ LED Lightbar, 55" FPA Freedom LED Lightbar, 55"	FN55VLED	FN55QLED	
Choose 1	of the options	s for the Lower Zone			
Option 1 Option 2 Option 3 Option 4	Two M4R One M4R One M4B Two M7R One M7R One M7B	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue	Option 5 Two M4D Option 6 Two M4J Option 7 Two M7D Option 8 Two M7J Option 9 Two M6V2R	M4 Series Linear Super-LED, split red/white M4 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M6 V-Series™ Super-LED, red	
Zone B	UPPER and L	OWER Combined	Zone Pl	hotometric Requirement- 200,000 CSM	
Choose 1	of the options	s for the Upper or Lower Zone			
Option 1 Option 2 Option 3 Option 4 Option 5	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M4D	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M4 Series Linear Super-LED, split red/white	Option 6 Two M4J Option 7 Two M4K Option 8 Two M7D Option 9 Two M7J Option 10 Two M7K Option 11 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red	
ZONE C	UPPER and L	OWER Combined	Zone Pl	hotometric Requirement- 800,000 CSM	
		OWER Combined s for the Upper or Lower Zone	Zone Pl	hotometric Requirement- 800,000 CSM	
Choose 1 Option 1 Option 2 Option 3 Option 4			Zone Pl Zone Pl Option 8 One M9R One M9A One M6A One M6R One M6R One M6R One M6R One M6B One M6B One M6B	M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series™ Super-LED, red	
Choose 1 Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7	of the options Two R316RF Two RB6TRP Two MCFLED2R Two L31HRFN Two M7R Two M6R Two M9R	Rota-Beam [™] Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red Micro Freedom [™] Super-LED Lightheads, red L31 Series Super-LED Beacons, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red	Option 8 One M9R One M9A One M9A One M6A One M6R One M6R One M6R One M6B One M6B One M6B	M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue	
Choose 1 Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7	of the options Two R316RF Two RB6TRP Two MCFLED2R Two L31HRFN Two M7R Two M6R Two M9R UPPER and L0	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red	Option 8 One M9R One M9A One M9A One M6A One M6R One M6R One M6R One M6B One M6B One M6B	M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series™ Super-LED, red	
Choose 1 Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7	of the options Two R316RF Two RB6TRP Two MCFLED2R Two L31HRFN Two M7R Two M6R Two M9R UPPER and L0 of the options	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red	Option 8 One M9R One M9A One M9A One M6A One M6R One M6R One M6R One M6B One M6B One M6B	M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series™ Super-LED, red	

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	



SMALL APPARATUS (25' or Less) PACKAGE 2

LED LIGHTING

This package meets all zone requirements of NFPA 1901 specifications.

ZONE A	UPPER and	LOWER Combined	Zone P	hotometric Requirement- 1,000,000 CSM
Option 1	Model JNMINI pa with clear outer le	ir of Mini Justice® LED Lightbars, 24", enses	To con the control of	
Choose 1	of the options	s for the Lower Zone		
Option 1 Option 2 Option 3 Option 4	Two M4R One M4R One M4B Two M7R One M7R	M4 Series Linear Super-LED®, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And	Option 5 Two M4D Option 6 Two M4J Option 7 Two M7D Option 8 Two M7J Option 9 Two M6V2R	M4 Series Linear Super-LED, split red/white M4 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M6 V-Series™ Super-LED, red
	One M7B	M7 Series Linear Super-LED, blue		
ZONE B	UPPER and I	LOWER Combined	Zone	Photometric Requirement- 200,000 CSM
Choose 1	of the options	for the Upper or Lower Zone		
Option 1 Option 2 Option 3 Option 4 Option 5	Two M4R One M4R One M4B Two M7R One M7R One M7B Two M4D	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M4 Series Linear Super-LED, split red/white	Option 6 Two M4J Option 7 Two M4K Option 8 Two M7D Option 9 Two M7J Option 10 Two M7K Option 11 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red
ZONE C	UPPER and I	LOWER Combined	Zone	Photometric Requirement- 800,000 CSM
Choose 1	of the options	s for the Upper Zone or Lower Zone		
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7	Two R316RF Two RB6TRP Two MCFLED2R Two L31HRFN Two M7R Two M6R Two M9R	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red M7 Series Linear Super-LED, red M6 Series Linear Super-LED, red M9 Series Linear Super-LED, red	Option 8 One M9R One M9A One M6A One M6R One M6R One M6R One M6B One M6B One M6B	M9 Series Linear Super-LED, red, And M9 Series Linear Super-LED, amber M6 Series Linear Super-LED, amber, And M6 Series Linear Super-LED, red M6 Series Linear Super-LED, red, And M6 Series Linear Super-LED, blue M9 V-Series™ Super-LED, red
ZONE D	UPPER and I	LOWER Combined	Zone	Photometric Requirement- 200,000 CSM
Choose 1	of the options	s for the Upper or Lower Zone		
Option 1 Option 2 Option 3 Option 4	Two M4R One M4R One M4B Two M7R One M7R One M7B	M4 Series Linear Super-LED, red M4 Series Linear Super-LED, red, And M4 Series Linear Super-LED, blue M7 Series Linear Super-LED, red M7 Series Linear Super-LED, red, And M7 Series Linear Super-LED, blue M4 Series Linear Super-LED, split red/white	Option 6 Two M4J Option 7 Two M4K Option 8 Two M7D Option 9 Two M7J Option 10 Two M7K Option 11 Two M6V2R	M4 Series Linear Super-LED, split red/blue M4 Series Linear Super-LED, split red/amber M7 Series Linear Super-LED, split red/white M7 Series Linear Super-LED, split red/blue M7 Series Linear Super-LED, split red/amber M6 V-Series™ Super-LED, red

M Series Lightheads are Surface Mount

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	_
TRUCK NUMBER	_



AERIAL PACKAGE 1

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER Choose 1 of the options below Zone Photometric Requirement- 1,000,000 CSM Option 1 Two Model FNMINI Mini Freedom™ LED Lightbars, 24", clear outer lenses, mount straight or angled **FNMINI** FNMINI **ZONE A LOWER** Choose 1 of the options below Zone Photometric Requirement- 150,000 CSM ☐ Option 1 Two 40RR5SRR* 400 Series Linear Super-LED® Surface Mount ☐ Option 7 Two 60R02FRR 600 Series Linear Super-LED Flashers Lightheads, red Surface Mount, red 600 Series Rota-Beam™ Super-LED surface mount, red ☐ Option 2 Two 4V3R 400 V-Series Super-LED surface mount, red ■ Option 8 Two 6RBR Option 9 Two 70R02FRR ☐ Option 3 Two 50R03ZRR* 700 Series Linear Super-LED Flashers 500 Series TIR6™ Super-LED Surface Mount Surface Mount, red Lightheads, red Option 10 Two LINZ6R LINZ6™ Series Linear Super-LED □ Option 4 Two 50R02ZRR* 500 Series Linear Super-LED Surface Mount Surface Mount, red Lightheads, red ☐ Option 11 Two RSR02ZCR LIN3™ Series Super-LED Surface Mount, red ☐ Option 5 Two V23TPC V23 Series Super-LED surface mount, red ☐ Option 12 Two WIONSMCR ION™ Super-LED chrome surface mount, red ☐ Option 6 Two 5V3R 500 V-Series™ Super-LED surface mount, red **ZONE B UPPER** Zone Photometric Requirement- 400.000 CSM Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A upper Zone B Upper Rear is covered by One of the options chosen from Zone C Upper **ZONE B LOWER** Choose 1 of the options below Zone Photometric Requirement- 150,000 CSM ☐ Option 1 Two 40RR5SRR* 400 Series Linear Super-LED Surface Mount Option 6 Two 60R02FRR 600 Series Linear-LED Flashers Surface Mount, red Lightheads, red Option 7 Two 6RBR 600 Series Rota-Beam[™] Super-LED surface mount, red 400 V-Series Super-LED surface mount, red Option 8 ☐ Option 2 Two 4V3R Two 70R02FRR 700 Series Linear-LED Flashers Surface Mount, red ☐ Option 3 Two 50R03ZRR* ☐ Option 9 Two 70RC6FCR 500 Series TIR6 Super-LED Surface Mount 700 Series Linear-LED Flashers Surface Mount Lightheads, red (split red/white) ☐ Option 4 Two 50R02ZRR* 500 Series Linear Super-LED Surface Mount Option 10 Two LINZ6R LINZ6 Series Linear Super-LED Surface Mount, red Lightheads, red ☐ Option 11 Two RSR02ZCR LIN3 Series Super-LED Surface Mount, red ☐ Option 5 Two V23TPC V23 Series Super-LED surface mount, red ☐ Option 12 Two WIONSMCR ION™ Super-LED chrome surface mount, red **ZONE C UPPER** Choose 1 of the options below Zone Photometric Requirement- 800,000 CSM ☐ Option 1 Two R316RF ☐ Option 6 Two 90RR5FRR Rota-Beam™ Super-LED flat mount beacon, red 900 Series Linear Super-LED Surface Mount Option 2 Two RB6TRP Lightheads, red RB6 Series Rotating Halogen Beacons, red Option 7 Two MCFLED2R ☐ Option 3 Two B6TMRR1P Micro Freedom™ Super-LED Lightheads, red RBT Series Halogen Upper Rotator, Lower Level, Option 8 Linear Super-LED with flasher, red Two L31HRFN L31 Series Super-LED Beacons, red ■ Option 4 Two B6370RR Rota Beam Super LED Beacon upper section. Option 9 Two B6MMRRP Super-LED Beacons Upper Section, Lower 700 Series super LED lower section, red Level Linear Super-LED with flasher, red ☐ Option 5 Two 40RR5SRR* 400 Series Linear Super-LED Surface Mount Lightheads, red **ZONE C LOWER** Choose 1 of the options below Zone Photometric Requirement- 150,000 CSM ☐ Option 1 Two 40RR5SRR* ☐ Option 7 Two 60R02FRR 600 Series Linear Super-LED Flashers 400 Series Linear Super-LED Surface Mount Lightheads, red Surface Mount, red Option 2 Two 4V3R Option 3 Two 50R03ZRR* 600 Series Rota-Beam™ Super-LED surface mount, red Option 8 Option 9 Two 6RBR 400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Option 9 Two 70R02FRR 700 Series Linear-LED Flashers Surface Mount, red Option 10 Two LINZ6R LINZ6 Series Linear Super-LED Surface Lightheads, red ☐ Option 4 Two 50R02ZRR* Mount, red 500 Series Linear Super-LED Surface Mount ☐ Option 11 Two RSR02ZCR LIN3 Series Super-LED Surface Mount, red Lightheads, red ☐ Option 12 Two WIONSMCR ION Super-LED chrome surface mount, red □ Option 5 Two V23TPC V23 Series Super-LED surface mount, red ■ Option 6 Two 5V3R 500 V-Series™ Super-LED surface mount, red * Requires optional flange purchased separately

CONTINUED ON NEXT PAGE



of NFPA 1901 specifications.

This package meets all zone requirements

AERIAL PACKAGE 1 (cont.)

LED AND ROTATING HALOGEN LIGHTING

ZONE D UPPER

Zone Photometric Requirement- 400,000 CSM

Zone D Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A upper Zone D Upper Rear is covered by One of the options chosen from Zone C Upper

ZONE D LOWER		Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM		
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 8	Two 70R02FRR	700 Series Linear Super-LED Flashers Surface Mount, red
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red	Option 9 Option 10	Two LINZER	700 Series Linear Super-LED Flashers Surface Mount (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red
Option 4	Two 50R02FRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 11	Two RSR02ZCR	LIN3 Series Super-LED Surface Mount, red
Option 5 Option 6 Option 7	Two V23TPC Two 60R02FRR Two 6RBR	V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red 600 Series Rota-Beam™ Super-LED surface mount, red	a option 12	TWO WIGHSWICH	TON Super-LED CHIOME Surface Mount, reu
•		*Requires optional flange purchased separately			

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT		
TRUCK NUMBER		



AERIAL PACKAGE 2

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER Zone Photometric Requirement- 1,000,000 CSM Option 1 Model JNMINI pair of Mini Justice® LED Lightbars, 24", with clear outer lenses **ZONE A LOWER** Choose 1 of the options below Zone Photometric Requirement- 150,000 CSM ☐ Option 1 Two 40RR5SRR* 400 Series Linear Super-LED® Surface Mount Option 6 Two 6RBR 600 Series Rota-Beam™ Super-LED surface mount, red Option 7 Lightheads, red Two 70R02FRR 700 Series Linear Super-LED Flashers Surface Mount, red ☐ Option 2 Two 50R03ZRR* 500 Series TIR6™ Super-LED Surface Mount ☐ Option 8 Two LINZ6R LINZ6™ Series Linear Super-LED Surface Lightheads, red Mount, red 500 Series Linear Super-LED Surface Mount ☐ Option 3 Two 50R02ZRR* Option 9 Two RSR02ZCR LIN3™ Series Super-LED Surface Mount, red Lightheads, red Option 4 Option 5 ☐ Option 10 Two V23TPC Two 4V3R V23 Series Super-LED surface mount, red 400 V-Series Super-LED surface mount, red Two 60R02FRR ☐ Option 11 Two WIONSMCR ION™ Super-LED chrome surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red **ZONE B UPPER** Zone Photometric Requirement- 400,000 CSM Zone B Upper Front is covered by One Rotator from the Model JNMINI Lightbar from Zone A upper Zone B Upper Rear is covered by One of the options chosen from Zone C Upper **ZONE B LOWER** Choose 1 of the options below Zone Photometric Requirement- 150,000 CSM ☐ Option 1 Two 40RR5SRR* 400 Series Linear Super-LED Surface Mount Option 7 Two 70R02FRR 700 Series Linear Super-LED Flashers Surface Lightheads, red Mount, red ☐ Option 2 Two 50R03ZRR* 500 Series TIR6 Super-LED Surface Mount Option 8 700 Series Linear Super-LED Flashers Surface Two 70RC6FCR Lightheads, red Mount (split red/white) ☐ Option 3 Two 50R02ZRR* ☐ Option 9 Two LINZ6R 500 Series Linear Super-LED Surface Mount LINZ6 Series Linear Super-LED Surface Mount, red Option 10 Two RSR02ZCR Lightheads, red LIN3 Series Super-LED Surface Mount, red ☐ Option 4 Two 4V3R 400 V-Series Super-LED surface mount, red **Option 11** Two V23TPC V23 Series Super-LED surface mount, red ☐ Option 5 Two 60R02FRR 600 Series Linear Super-LED Flashers Surface □ Option 12 Two WIONSMCR ION™ Super-LED chrome surface mount, red ☐ Option 6 Two 6RBR 600 Series Rota-Beam™ Super-LED surface mount, red **ZONE C UPPER Zone Photometric Requirement- 800,000 CSM** Choose 1 of the options below ☐ Option 1 Two R316RF ☐ Option 6 Two 90RR5FRR Rota-Beam™ Super-LED flat mount beacon, red 900 Series Linear Super-LED Surface Mount ☐ Option 2 Two RB6TRP Lightheads, red RB6 Series Rotating Halogen Beacons, red Option 7 Two MCFLED2R Micro Freedom™ Super-LED Lightheads, red ☐ Option 3 Two B6TMRR1P RBT Series Halogen Upper Rotator, Lower Level, Option 8 Linear Super-LED with flasher, red Two L31HRFN L31 Series Super-LED Beacons, red Option 9 ☐ Option 4 Two B6370RR Rota Beam Super LED Beacons upper section, Two B6MMRRP Super-LED Beacons Upper Section, Lower 700 Super LED lower section, red Level Linear Super-LED with flasher, red ☐ Option 5 Two 40RR5SRR* 400 Series Linear Super-LED Surface Mount Lightheads, red **ZONE C LOWER** Choose 1 of the options below **Zone Photometric Requirement- 150,000 CSM** 400 Series Linear Super-LED Surface Mount ☐ Option 1 Two 40RR5SRR* ☐ Option 7 Two 70R02FRR 700 Series Linear Super-LED Flasher Surface Mount, red Lightheads, red ☐ Option 2 Two 50R03ZRR* 500 Series TIR6 Super-LED Surface Mount ☐ Option 8 Two LINZ6R LINZ6™ Series Linear Super-LED Surface Lightheads, red Mount, red Option 3 Two 50R02ZRR* 500 Series Linear Super-LED Surface Mount ☐ Option 9 Two RSR02ZCR LIN3™ Series Super-LED Surface Mount, red Option 10 Two V23TPC Lightheads, red V23 Series Super-LED surface mount, red Option 4 Two 4V3R 400 V-Series Super-LED surface mount, red ☐ Option 11 Two WIONSMCR ION™ Super-LED chrome surface mount, red

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Two 60R02FRR

Mount, red

600 Series Linear Super-LED Flashers Surface

600 Series Rota-Beam™ Super-LED surface mount, red
*Requires optional flange purchased separately

Option 5

☐ Option 6 Two 6RBR

AERIAL PACKAGE 2 (cont.)

LED AND ROTATING HALOGEN LIGHTING

This package meets all zone requirements of NFPA 1901 specifications.

ZONE D UPPER

Zone Photometric Requirement- 400,000 CSM

Zone D Upper Front is covered by One Rotator from the Model JNMINI Lightbar from Zone A upper Zone D Upper Rear is covered by One of the options chosen from Zone C Upper

ZONE D LOWER		Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM		ric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5	Two 40RR5SRR* Two 50R03ZRR* Two 50R02ZRR* Two 4V3R Two 60R02FRR	400 Series Linear Super-LED Surface Mount Lightheads, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 7 Option 8 Option 9 Option 10 Option 11	Two 70R02FRR Two 70RC6FCR Two LINZ6R Two RSR02ZCR Two V23TPC	700 Series Linear Super-LED Flashers Surface Mount, red 700 Series Linear Super-LED Flashers Surface Mount (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red LIN3 Series Super-LED Surface Mount, red V23 Series Super-LED surface mount, red ION™ Super-LED chrome surface mount, red
Option 6	Two 6RBR	600 Series Rota-Beam™ Super-LED surface mount, red			

^{*}Requires optional flange purchased separately

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

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IRE DEPARTMENT	
32.7	
	_
RUCK NUMBER	

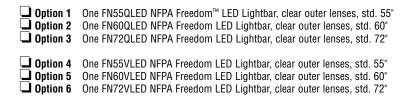


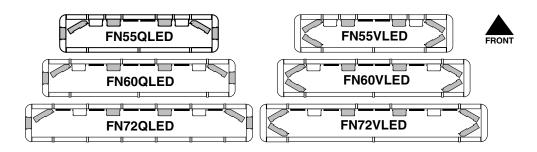
PUMPER PACKAGE 1

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM





ZONE A LOWER		Choose 1 of the options below	low Zone Photometric Requirement- 150,000 CS	
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED® Surface Mount Lightheads, red	☐ Option 8 Two 6RBR ☐ Option 9 Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface
Option 2	Two 4V3R	400 V-Series Super-LED surface mount, red	— Option 5 Two Fortozi Filit	Mount, red
Option 3	Two 50R03ZRR*	500 Series TIR6 [™] Super-LED Surface Mount Lightheads, red	☐ Option 10 Two LINZ6R	LINZ6™ Series Linear Super-LED Surface Mount, red
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	☐ Option 11 Two RSR02ZCR	LIN3 [™] Series Linear Super-LED Surface Mount, red
Option 5	Two V23TPC	V23 Series Super-LED surface mount, red	☐ Option 12 Two WIONSMCR	ION™ Super-LED chrome surface mount, red
Doption 6	Two 5V3R	500 V-Series [™] Super-LED surface mount, red	·	,
Option 7	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red		
ZONE B U	PPER		Zone Ph	otometric Requirement- 400,000 CSM

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A upper Zone B Upper Rear is covered by One of the options chosen from Zone C Upper

ZONE B L	OWER .	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 8	Two 70R02FRR	700 Series Linear Super-LED Flashers Surface Mount, red
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red	Option 9 Option 10	Two LINZER	700 Series Linear Super-LED Flashers Surface Mount (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 11	Two RSR02ZCR Two WIONSMCR	LIN3 Series Linear Super-LED Surface Mount, red
Doption 5	Two V23TPC	V23 Series Super-LED surface mount, red	- Option 12	TWO WICHOINOIT	TOW Super LEB difforms surface mount, red
Option 6	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red			
Option 7	Two 6RBR	600 Series Rota-Beam™ Super-LED surface mount, red			
		*Requires optional flange purchased separately			

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This package meets all zone requirements of NFPA 1901 specifications.

PUMPER PACKAGE 1 (cont.)

LED AND ROTATING HALOGEN LIGHTING

ZONE C U	IPPER	Choose 1 of the options below		Zone Photometric Requirement- 800,000 CSM		
Option 1 Option 2 Option 3 Option 4 Option 5	Two R316RF Two RB6TRP Two B6TMRR1P Two B6370RR Two 40RR5SRR*	Rota-Beam [™] Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED [®] with flasher, red Rota Beam Super LED Beacons upper section, 700 Super LED lower section, red 400 Series Linear Super-LED Surface Mount Lightheads, red	Option 6 Option 7 Option 8 Option 9	Two MCFLED2R Two L31HRFN	900 Series Linear Super-LED Surface Mount Lightheads, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section, Lower Level Linear Super-LED with flasher, red	
ZONE C L	.OWER	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM	
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two 40RR5SRR* Two 50R03ZRR* Two 50R02ZRR* Two 5V3R Two 60R02FRR	400 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red 500 Series TIR6™ Super-LED Surface Mount Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads, red 500 V-Series™ Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 10 Option 11	Two V23TPC	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red LINZ6™ Series Linear Super-LED Surface Mount, red LIN3 Series Linear Super-LED Surface Mount, red V23 Series Super-LED surface mount, red ION™ Super-LED chrome surface mount, red	
ZONE D U	IPPER			Zone Pho	otometric Requirement- 400,000 CSM	
Zone D Upper Front is covered by the Light from the Rear or Side of Lightbar from Zone A upper Zone D Upper Rear is covered by One of the options chosen from Zone C upper						
ZONE D L	UVVEN	Choose 1 of the options below		Zone Pno	otometric Requirement- 150,000 CSM	
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two 40RR5SRR* Two 4V3R Two 50R03ZRR* Two 50R02ZRR* Two V23TPC Two 60R02FRR	400 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads, red V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 10 Option 11	Two LINZ6R Two RSR02ZCR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red 700 Series Linear Super-LED Flashers Surface Mount (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red LIN3 Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red	
		*Requires optional flange purchased separately				

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT		
TRUCK NUMBER		



PUMPER PACKAGE 2

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER Choose 1 of the options below Zone Photometric Requirement- 1,000,000 CSM **FRONT** Option 1 One Model JE2NFPA NFPA Justice® Lightbar with angled corners and clear outer lenses, 56" Option 2 One Model JEONFPA NFPA Justice Lightbar with angled corners and clear outer lenses, 62" JE2NFPA/ JEONFPA Option 3 One Model JE2QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 56" Option 4 One Model JEOQNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 62" JE2QNFPA/ JEOQNFPA **ZONE A LOWER** Choose 1 of the options below Zone Photometric Requirement- 150.000 CSM ☐ Option 1 Two 40RR5SRR* 600 Series Rota-Beam $^{\text{\tiny TM}}$ Super-LED surface mount, red Option 6 400 Series Linear Super-LED® Surface Mount Two 6RBR Lightheads, red Option 7 Two 70R02FRR 700 Series Linear Super-LED Flashers Surface ☐ Option 2 Two 50R03ZRR* 500 Series TIR6™ Super-LED Surface Mount Mount, red Lightheads, red LINZ6[™] Series Linear Super-LED Surface ☐ Option 8 Two LINZ6R ☐ Option 3 Two 50R02ZRR* 500 Series Linear Super-LED Surface Mount Mount, red Lightheads, red ☐ Option 9 Two RSR02ZCR LIN3™ Series Linear Super-LED Surface Mount, red Option 4 Two 4V3R Two 60R02FRR 400 V-Series Super-LED surface mount, red ☐ Option 10 Two V23TPC V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red **ZONE B UPPER** Zone Photometric Requirement- 400,000 CSM Zone B Upper Front is covered by One Rotator from the Lightbar from Zone A upper Zone B Upper Rear is covered by One of the options chosen from Zone C upper **ZONE B LOWER** Choose 1 of the options below Zone Photometric Requirement- 150,000 CSM ☐ Option 1 Two 40RR5SRR* ☐ Option 7 Two 70R02FRR 400 Series Linear Super-LED Surface Mount 700 Series Linear Super-LED Flashers Surface Lightheads, red Mount, red ☐ Option 2 Two 50R03ZRR* 500 Series TIR6 Super-LED Surface Mount ☐ Option 8 Two 70RC6FCR 700 Series Linear Super-LED Flashers Surface Lightheads, red Mount (split red/white) ☐ Option 3 Two 50R02ZRR* 500 Series Linear Super-LED Surface Mount ☐ Option 9 Two LINZ6R LINZ6 Series Linear Super-LED Surface Mount, red Lightheads, red ☐ Option 10 Two RSR02ZCR LIN3 Series Linear Super-LED Surface Mount, red ☐ Option 4 Two 4V3R 400 V-Series Super-LED surface mount, red Option 11 Two V23TPC V23 Series Super-LED surface mount, red Option 5 Two 60R02FRR 600 Series Linear Super-LED Flashers Surface □ Option 12 Two WIONSMCR ION Super-LED chrome surface mount, red Mount, red ☐ Option 6 Two 6RBR 600 Series Rota-Beam[™] Super-LED surface mount, red **ZONE C UPPER** Choose 1 of the options below Zone Photometric Requirement- 800,000 CSM ☐ Option 1 Two R316RF Rota-Beam™ Super-LED flat mount beacon, red Option 6 Two 90RR5FRR 900 Series Linear Super-LED Surface Mount Lightheads, red Doption 2 Two RB6TRP RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Option 7 Two MCFLED2R Micro Freedom™ Super-LED Lightheads, red ☐ Option 3 Two B6TMRR1P Option 8 Level, Linear Super-LED with flasher, red Two L31HRFN L31 Series Super-LED Beacons, red ☐ Option 4 Two B6370RR Rota Beam Super LED Beacons upper section, Doption 9 Two B6MMRRP Super-LED Beacons Upper Section, Lower 700 Super LED lower section, red Level Linear Super-LED with flasher, red ☐ Option 5 Two 40RR5SRR* 400 Series Linear Super-LED Surface Mount Lightheads, red



*Requires optional flange purchased separately

This package meets all zone requirements of NFPA 1901 specifications.

PUMPER PACKAGE 2 (cont.)

LED AND ROTATING HALOGEN LIGHTING

ZONE C L	OWER .	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
		<u> </u>			
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 7	Two 70R02FRR	700 Series Linear Super-LED Flashers Surface Mount, red
Option 2	Two 50R03ZRR*	500 Series TIR6™ Super-LED Surface Mount Lightheads, red	Option 8	Two 70RC6FCR	700 Series Linear Super-LED Flashers Surface Mount (split red/white)
Option 3	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 9	Two LINZ6R	LINZ6™ Series Linear Super-LED Surface Mount, red
Option 4 Option 5	Two 4V3R Two 60R02FRR	400 V-Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 11	Two RSR02ZCR Two V23TPC Two WIONSMCR	LIN3™ Series Linear Super-LED Surface Mount, red V23 Series Super-LED surface mount, red ION™ Super-LED chrome surface mount, red
Option 6	Two 6RBR	600 Series Rota-Beam™ Super-LED surface mount, red			
	r Front is covered b	y One Rotator from the Lightbar from Zone A upp y One of the options chosen from Zone C upper	oer	Zone Ph	otometric Requirement- 400,000 CSM
ZONE D L	.OWER	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
	-				
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 8	Two 70RC6FCR	700 Series Linear Super-LED Flashers Surface Mount (split red/white)
Option 2	Two 50R03ZRR*	500 Series TIR6 Super-LED Surface Mount Lightheads, red		Two LINZ6R Two RSR02ZCR	LINZ6 Series Linear Super-LED Surface Mount, red LIN3 Series Linear Super-LED Surface Mount, red
Option 3	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 11	Two V23TPC Two WIONSMCR	V23 Series Super-LED surface mount, red
Option 4 Option 5	Two 4V3R Two 60R02FRR	400 V-Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 12	WIONOMOIT	Total Capati EED officiation and add fill that it is
Option 6 Option 7	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface			

Mount, red

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	



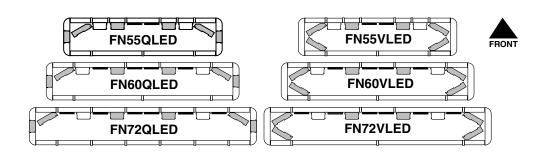
^{*}Requires optional flange purchased separately

RESCUE PACKAGE 1

LED LIGHTING

ZONE A UPPER Choose 1 of the options below Zone Photometric Requirement- 1,000,000 CSM

Option 1 One FN55QLED NFPA Freedom™ LED Lightbar, clear outer lenses, std. 55° One FN60QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60° One FN72QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72° One FN55VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 55° One FN60VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 55° One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60° One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72°



ZONE A L	OWER	Choose 1 of the options below	Zone Photometric Requirement- 150,000 CSM			
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED® Surface Mount Lightheads, red	Option 7	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red	
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6™ Super-LED Surface Mount Lightheads, red	Option 8 Option 9	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red	
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10	Two LINZ6R	LINZ6 [™] Series Linear Super-LED Surface Mount, red	
Option 5 Option 6	Two V23TPC Two 5V3R	V23 Series Super-LED surface mount, red 500 V-Series™ Super-LED surface mount, red	Option 11	Two RSR02ZCR	LIN3™ Series Linear Super-LED Surface Mount, red	
ZONE B U	IPPER	Choose 1 of the options below		Zone Pho	otometric Requirement- 400,000 CSM	
Zone A upper Zone B Upper Plus Two Ligh	Rear is covered by theads from the opt	y Light from the Rear or Side of Lightbar from One of the options chosen from Zone C Upper ions below: 500 Series Linear Super-LED Surface Mount	Option 3 Option 4 Option 5	Two 6RBR Two 90RR5FRR Two 90RC5FCR	600 Series Rota-Beam™ Super-LED surface mount, re 900 Series Linear Super-LED Flasher Surface Mount, red 900 Series Linear Super-LED surface mount, red/white	
Option 2	Two 60R02FRR	Lightheads, red 600 Series Linear Super-LED Flashers Surface Mount, red				
ZONE B L	OWER	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM	
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 8	Two 70R02FRR	700 Series Linear Super-LED Flashers Surface Mount, red	
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount	Option 9	Two 70RC6FCR	700 Series Linear Super-LED Flashers Surface Mount (split red/white)	
Option 4	Two 50R02ZRR*	Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads, red		Two RSR02ZCR	LINZ6 Series Linear Super-LED Surface Mount, red LIN3 Series Linear Super-LED Surface Mount, red	
Option 5 Option 6	Two V23TPC Two 60R02FRR	V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Uption 12	Two WIONSMCR	ION™ Super-LED chrome surface mount, red	
Option 7	Two 6RBR	600 Series Rota-Beam™ Super-LED surface mount, red				
		*Requires optional flange purchased separately				





This package meets all zone requirements of NFPA 1901 specifications.

RESCUE PACKAGE 1 (cont.)

LED LIGHTING

ZONE C UPPER		Choose 1 of the options below		Zone Photometric Requirement- 800,000 CSM		
Option 1 Option 2	Two 40RR5SRR* Two 90RR5FRR	400 Series Linear Super-LED® Surface Mount Lightheads, red 900 Series Linear Super-LED Surface Mount Lightheads, red	Option 3 Option 4	Two 6RBR Two 90RC5FCR	600 Series Rota-Beam™ Super-LED surface mount, red 900 Series Linear Super-LED surface mount, red/amber	
ZONE C L	.OWER	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM	
Zone A upper Zone D Upper Plus Two Light	Front is covered by Rear is covered by theads from the opt		_	Two 6RBR Two 70R02FRR Two LINZ6R Two RSR02ZCR Two V23TPC Zone Pho Two 6RBR Two 90RR5FRR Two 90RC5FCR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount Lightheads, red LINZ6™ Series Linear Super-LED Surface Mount Lightheads, red LIN3™ Series Linear Super-LED Surface Mount Lightheads, red V23 Series Super-LED surface mount, red **Otometric Requirement- 400,000 CSM** 600 Series Rota-Beam™ Super-LED surface mount, red 900 Series Linear Super-LED Flasher Surface Mount, red 900 Series Linear Super-LED surface mount, red 900 Series Linear Super-LED surface mount, red	
_	Two 50R02ZRR* Two 60R02FRR	500 Series Linear Super-LED Surface Mount Lightheads, red 600 Series Linear Super-LED Flashers Surface Mount, red	— opnon o	TWO SOLIGOT OIL	Soc contact Enter Cupor EED surface mount, for white	
ZONE D L	OWER	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM	
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two 40RR5SRR* Two 4V3R Two 50R03ZRR* Two 50R02ZRR* Two V23TPC Two 60R02FRR	400 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads, red V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 8 Option 9 Option 10 Option 11	Two RSR02ZCR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red 700 Series Linear Super-LED Flashers Surface Mount Lightheads (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red LIN3 Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red	
		*Requires optional flange purchased separately				

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

IRE DEPARTMENT	
RUCK NUMBER	



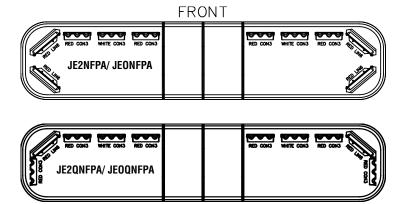
RESCUE PACKAGE 2

LED LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

□ Option 1 One Model JE2NFPA NFPA Justice® Lightbar with angled corners and clear outer lenses, 56"
□ Option 2 One Model JE0NFPA NFPA Justice Lightbar with angled corners and clear outer lenses, 62"
□ Option 3 One Model JE2QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 56"
□ Option 4 One Model JE0QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 62"



ZONE A L	OWER .	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED® Surface Mount Lightheads, red	Option 7	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6™ Super-LED Surface Mount Lightheads, red	Option 8 Option 9	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10	Two LINZ6R	LINZ6 [™] Series Linear Super-LED Surface Mount, red
Option 5 Option 6	Two V23TPC Two 5V3R	V23 Series Super-LED surface mount, red 500 V-Series [™] Super-LED surface mount, red	Option 11	Two RSR02ZCR	LIN3™ Series Linear Super-LED Surface Mount, red
ZONE B U	IPPER	Choose 1 of the options below		Zone Ph	otometric Requirement- 400,000 CSM
the options b			Option 3 Option 4		600 Series Rota-Beam™ Super-LED surface mount, rec 900 Series Linear Super-LED Flasher Surface Mount, red
Option 2	Two 60R02FRR	Lightheads, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 5	Two 90RC5FCR	900 Series Linear Super-LED surface mount, red/white
ZONE B L	.OWER	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 7 Option 8	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flasher Surface
10-4: 0	T 41/0D	100 V Carias Coman LED souries a manual mad	•		

*Requires optional flange purchased separately

400 V-Series Super-LED surface mount, red

500 Series TIR6 Super-LED Surface Mount

500 Series Linear Super-LED Surface Mount

V23 Series Super-LED surface mount, red

600 Series Linear Super-LED Flasher Surface

Lightheads, red

Lightheads, red

Mount, red

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700 Series Linear Super-LED Flasher Surface

LINZ6 Series Linear Super-LED Surface Mount, red



☐ Option 2 Two 4V3R

☐ Option 3 Two 50R03ZRR

☐ Option 4 Two 50R02ZRR*

☐ Option 5 Two V23TPC

☐ Option 6 Two 60R02FRR

☐ Option 9 Two 70RC6FCR

☐ Option 10 Two LINZ6R

Mount, red

Option 11 Two RSR02ZCR LIN3 Series Linear Super-LED Surface Mount, red

□ Option 12 Two WIONSMCR ION[™] Super-LED chrome surface mount, red

Mount (split red/white)

This package meets all zone requirements of NFPA 1901 specifications.

RESCUE PACKAGE 2 (cont.)

LED LIGHTING

ZONE C	UPPER	Choose 1 of the options below		Zone Ph	otometric Requirement- 800,000 CSM
Option 1	Two 40RR5SRR* Two 90RR5FRR	400 Series Linear Super-LED® Surface Mount Lightheads, red 900 Series Linear Super-LED Surface Mount Lightheads, red	Option 3 Option 4 Option 5	Two 6RBR Two 90RA5FCR Two 90RR5FRR	600 Series Rota-Beam [™] Super-LED surface mount, red 900 Series Linear Super-LED surface mount, red/amber 900 Series Linear Super-LED Flashing Lighthead Surface Mount, red
ZONE C L	.OWER	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4	Two 40RR5SRR* Two 4V3R Two 50R03ZRR* Two 50R02ZRR*	400 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red 500 Series TIR6™ Super-LED Surface Mount Lightheads, red 500 Series Linear Super-LED Surface Mount	Option 6 Option 8 Option 9	Two 60R02FRR Two 70R02FRR Two LINZ6R	600 Series Linear Super-LED Flashers Surface Mount, red 700 Series Linear Super-LED Flashers Surface Mount, red LINZ6™ Series Linear Super-LED Surface Mount, red
Option 5	Two 5V3R	Lightheads, red 500 V-Series™ Super-LED surface mount, red	Option 10 Option 11		LIN3™ Series Linear Super-LED Surface Mount, red V23 Series Super-LED surface mount, red
ZONE D L	JPPER	Choose 1 of the options below		Zone Pho	otometric Requirement- 400,000 CSM
the options be Option 1		rom Zone A upper; Plus Two Lightheads from 500 Series Linear Super-LED Surface Mount Lightheads, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 3 Option 4 Option 5	Two 6RBR Two 90RR5FRR Two 90RC5FCR	600 Series Rota-Beam [™] Super-LED surface mount, red 900 Series Linear Super-LED Flasher Surface Mount, red 900 Series Linear Super-LED surface mount, red/white
ZONE D L	.OWER	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two 40RR5SRR* Two 50R03ZRR* Two 50R02ZRR* Two V23TPC Two 60R02FRR	400 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads, red V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red *Requires optional flange purchased separately	Option 11	Two 6RBR Two 70R02FRR Two 70RC6FCR Two LINZ6R Two RSR02ZCR Two WIONSMCR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red 700 Series Linear Super-LED Flashers Surface Mount (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red LIN3 Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red
		nequires optional name purchased separately			

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPA 1901 Standards for Automotive Fire Apparatus (2009 Edition). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications.

FIRE DEPARTMENT TRUCK NUMBER



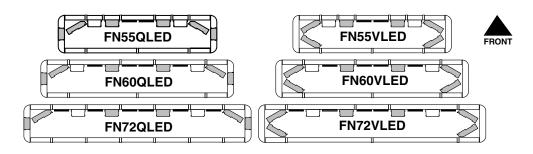
LED PACKAGE 1

LED LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM





ZONE A L	.OWER	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED® Surface Mount Lightheads, red	Option 7	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6™ Super-LED Surface Mount Lightheads, red	Option 8 Option 9	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10	Two LINZ6R	LINZ6™ Series Linear Super-LED Surface Mount, red
Option 5 Option 6	Two V23TPC Two 5V3R	V23 Series Super-LED surface mount, red 500 V-Series™ Super-LED surface mount, red		Two RSR02ZCR Two WIONSMCR	LIN3™ Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red
ZONE B U	JPPER	Choose 1 of the options below		Zone Ph	otometric Requirement- 400,000 CSM
Lightbar from Zone B Upper	Zone A upper Rear is covered by	y the lights from the Rear or Side of the One of the options chosen from Zone C Upper,	Option 3 Option 4	Two 6RBR Two 90RR5FRR	600 Series Rota-Beam™ Super-LED surface mount, red 900 Series Linear Super-LED Flasher Surface Mount, red
	theads from the opt Two 50R02ZRR*	ions below: 500 Series Linear Super-LED Surface Mount Lightheads, red	Option 5	Two 90RC5FCR	900 Series Linear Super-LED surface mount, red/white
Option 2	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red			
ZONE B I	.OWER	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 8	Two 70R02FRR	700 Series Linear Super-LED Flashers Surface Mount, red
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount	Option 9	Two 70RC6FCR	700 Series Linear Super-LED Flashers Surface Mount, (split red/white)
Option 4	Two 50R02ZRR*	Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads , red		Two RSR02ZCR	LINZ6 Series Linear Super-LED Surface Mount, red LIN3 Series Linear Super-LED Surface Mount, red
Option 5 Option 6	Two V23TPC Two 60R02FRR	V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flasher Surface Mount, red	Upuon 12	IWO WIONSINGK	ION™ Super-LED chrome surface mount, red
Option 7	Two 6RBR	600 Series Rota-Beam™ Super-LED surface mount, red *Requires optional flange purchased separately			



This package meets all zone requirements of NFPA 1901 specifications.

LED PACKAGE 1 (cont.)

LED LIGHTING

ZONE C U	JPPER	Choose 1 of the options below		Zone Ph	otometric Requirement- 800,000 CSM
Option 1 Option 2 Option 3	Two 40RR5SRR* Two 90RR5FRR Two 6RBR	400 Series Linear Super-LED® Surface Mount Lightheads, red 900 Series Linear Super-LED Surface Mount Lightheads, red 600 Series Rota-Beam™ Super-LED surface mount, red	Option 4 Option 5 Option 6	Two 90RA5FCR Two 90RR5FRR Two MCFLED2R	900 Series Linear Super-LED surface mount, red/amber 900 Series Linear Super-LED Flashing Lighthead Surface Mount, red Micro Freedom™ Super-LED Lightheads, red
ZONE C L	OWER	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM
Option 1 Option 2	Two 40RR5SRR* Two 4V3R	400 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red	Option 7 Option 8	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red
Option 3	Two 50R03ZRR*	500 Series TIR6 [™] Super-LED Surface Mount Lightheads, red	Option 9	Two LINZ6R	LINZ6 [™] Series Linear Super-LED Surface Mount, red
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10	Two RSR02ZCR	LIN3™ Series Linear Super-LED Surface Mount, red
Option 5 Option 6	Two 5V3R Two 60R02FRR	500 V-Series™ Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 11 Option 12		V23 Series Super-LED surface mount, red ION™ Super-LED chrome surface mount, red
ZONE D U	IPPER	Choose 1 of the options below		Zone Ph	otometric Requirement- 400,000 CSM
Zone A upper Zone D Upper Plus Two Light Option 1	Rear is covered by theads from the opt	y Light from the Rear or Side of Lightbar from One of the options chosen from Zone C Upper ions below: 500 Series Linear Super-LED Surface Mount Lightheads, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 3 Option 4 Option 5	Two 6RBR Two 90RR5FRR Two 90RC5FCR	600 Series Rota-Beam [™] Super-LED surface mount, red 900 Series Linear Super-LED Flasher Surface Mount, red 900 Series Linear Super-LED surface mount, red/white
ZONE D L	.OWER	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM
Option 1 Option 2 Option 3 Option 4	Two 40RR5SRR* Two 4V3R Two 50R03ZRR* Two 50R02ZRR*	400 Series Linear Super-LED Surface Mount Lightheads, red 400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red 500 Series Linear Super-LED Surface Mount	Option 7 Option 8 Option 9 Option 10	Two 6RBR Two 70R02FRR Two 70RC6FCR Two LINZ6R	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red 700 Series Linear Super-LED Flashers Surface Mount (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red
Option 5 Option 6	Two V23TPC Two 60R02FRR	Lightheads, red V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red *Requires optional flange purchased separately		Two RSR02ZCR Two WIONSMCR	LIN3 Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPA 1901 Standards for Automotive Fire Apparatus (2009 Edition). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications.

FIRE DEPARTMENT TRUCK NUMBER



AERIAL, PUMPER, RESCUE PACKAGE 1

LED LIGHTING. LOWER ZONE ONLY

This package meets all lower zone requirements of NFPA 1901 specifications.

ZONE A LOWER		Choose 1 of the options below	s below		Zone Photometric Requirement- 150,000 CSM		
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED® Surface Mount Lightheads, red	Option 7	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red		
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6™ Super-LED Surface Mount Lightheads, red	Option 8 Option 9	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, rec 700 Series Linear Super-LED Flashers Surface		
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10	Two LINZ6R	Mount, red LINZ6™ Series Linear Super-LED Surface Mount, red		
Option 5 Option 6	Two V23TPC Two 5V3R	V23 Series Super-LED surface mount, red 500 V-Series™ Super-LED surface mount, red		Two RSR02ZCR Two WIONSMCR	LIN3 [™] Series Linear Super-LED Surface Mount, red ION [™] Super-LED chrome surface mount, red		
ZONE B L	OWER	Choose 1 of the options below		Zone Pho	otometric Requirement- 150,000 CSM		
Option 1	Two 40RR5SRR* Two 4V3R	Lightheads, red 400 V-Series Super-LED surface mount, red	Option 7 Option 8	Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red		
Option 3	Two 50R03ZRR*	500 Series TIR6 Super-LED Surface Mount Lightheads, red	_	Two 70RC6FCR	700 Series Linear Super-LED Flashers Surface Mount (split red/white)		
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10		LINZ6 Series Linear Super-LED Surface Mount, red		
Option 5 Option 6	Two V23TPC Two 60R02FRR	V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 11 Option 12	Two RSR02ZCR Two WIONSMCR	LIN3 Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red		
ZONE C L	OWER .	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM		
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 7	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red		
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red	Option 8 Option 9	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red		
Option 4	Two 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10	Two LINZ6R	LINZ6 Series Linear Super-LED Surface Mount, red		
Option 5 Option 6	Two V23TPC Two 5V3R	V23 Series Super-LED surface mount, red 500 V-Series™ Super-LED surface mount, red	Option 11 Option 12	Two RSR02ZCR Two WIONSMCR	LIN3 Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red		
ZONE D L	OWER .	Choose 1 of the options below		Zone Ph	otometric Requirement- 150,000 CSM		
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 7 Option 8	Two 6RBR Two 70R02FRR	600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface		
Option 2 Option 3	Two 4V3R Two 50R03ZRR*	400 V-Series Super-LED surface mount, red 500 Series TIR6 Super-LED Surface Mount	Option 9	Two 70RC6FCR	Mount, red 700 Series Linear Super-LED Flashers Surface		
Option 4	Two 50R02ZRR*	Lightheads, red 500 Series Linear Super-LED Surface Mount Lightheads, red	Option 10		Mount (split red/white) LINZ6 Series Linear Super-LED Surface Mount, red		
Option 5 Option 6	Two V23TPC Two 60R02FRR	V23 Series Super-LED surface mount, red 600 Series Linear Super-LED Flashers Surface Mount, red		Two RSR02ZCR Two WIONSMCR	LIN3 Series Linear Super-LED Surface Mount, red ION™ Super-LED chrome surface mount, red		
		*Requires optional flange purchased separately					

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	_



UPPER ZONE AERIAL PACKAGE 1

LED AND ROTATING HALOGEN LIGHTING

This package meets all upper zone requirements of NFPA 1901 specifications.

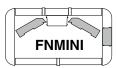
ZONE A UPPER	Choose 1 of the c
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options below

Zone Photometric Requirement- 1,000,000 CSM

□ Option 1 Two Model FNMINI Mini Freedom[™] LED Lightbars, 24", clear outer lenses, mount straight or angled





ZONE B UPPER

Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A upper Zone B Upper Rear is covered by One of the options chosen from Zone C Upper

ZONE C UPPER		Choose 1 of the options below	Zone Photometric Requirement- 800,000 CS		notometric Requirement- 800,000 CSM
Option 1 Option 2 Option 3 Option 4 Option 5	Two R316RF Two RB6TRP Two B6TMRR1P Two B6370RR Two 40RR5SRR*	Rota-Beam™ Super-LED flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED® with flasher, red Rota Beam Super LED Beacons upper section, 700 Super LED lower section, red 400 Series Linear Super-LED Surface Mount Lightheads, red *Requires optional flange purchased separately	Option 6 Option 7 Option 8 Option 9		900 Series Linear Super-LED Surface Mount Lightheads, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section, Lower Level Linear Super-LED with flasher, red
ZONE D UPPER				Zone Ph	notometric Requirement- 400,000 CSM

Zone D Upper Front is covered by Light from the Rear or Side of Lightbar from Zone A upper Zone D Upper Rear is covered by One of the options chosen from Zone C Upper

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT		_
TRUCK NUMBER		



This package meets all upper zone requirements of NFPA 1901 specifications.

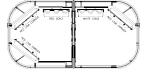
UPPER ZONE AERIAL PACKAGE 2

LED AND ROTATING AND HALOGEN LIGHTING

ZONE A UPPER

Zone Photometric Requirement- 1.000.000 CSM

Model JNMINI pair of Mini Justice® LED Lightbars, 24". with clear outer lenses





ZONE B UPPER

Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by the Rotator from the Model DI4SMN Lightbar from Zone A upper Zone B Upper Rear is covered by One of the options chosen from Zone C Upper

ZONE C UPPER		Choose 1 of the options below	Zone Photometric Requirement- 800,000 CSN		
Option 1 Option 2 Option 3	Two R316RF Two RB6TRP Two B6TMRR1P	Rota-Beam [™] Super-LED [®] flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level, Linear Super-LED with flasher, red	Option 6 Option 7 Option 8	Two 90RR5FRR Two MCFLED2R Two L31HRFN	900 Series Linear Super-LED Surface Mount Lightheads, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red
Option 4	Two B6370RR	Rota Beam Super LED Beacons upper section, 700 Super LED lower section, red	Option 9		Super-LED Beacons Upper Section, Lower Level Linear Super-LED with flasher, red
Option 5	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red			
		*Requires optional flange purchased separately			

ZONE D UPPER

Zone Photometric Requirement- 400,000 CSM

Zone D Upper Front is covered by the Rotator from the Model DI4SMN Lightbar from Zone A upper Zone D Upper Rear is covered by One of the options chosen from Zone C Upper

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT		
TRUCK NUMBER		



UPPER ZONE PUMPER PACKAGE 1

This package meets all upper zone requirements of NFPA 1901 specifications.

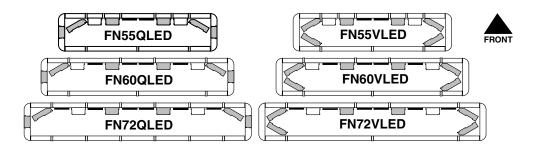
LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

Option 1
One FN55QLED NFPA Freedom™ LED Lightbar, clear outer lenses, std. 55"
One FN60QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60"
One FN72QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72"

Option 4
Option 5
Option 5
Option 6
Option 6
Option 6
One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60"
One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60"
One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72"



ZONE B UPPER

ZONE D UPPER

Zone Photometric Requirement- 400,000 CSM

Zone Photometric Requirement- 400,000 CSM

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A upper Zone B Upper Rear is covered by One of the options chosen from Zone C Upper

ZONE C UPPER		Choose 1 of the options below Zone Photometric Requirement-		tometric Requirement- 800,000 CSM	
Option 1 Option 2 Option 3	Two R316RF Two RB6TRP Two B6TMRR1P	Rota-Beam™ Super-LED® flat mount beacon, red RB6 Series Rotating Halogen Beacons, red RBT Series Halogen Upper Rotator, Lower Level,	Option 6	Two 90RR5FRR Two MCFLED2R	900 Series Linear Super-LED Surface Mount Lightheads, red Micro Freedom™ Super-LED Lightheads, red
Option 4	Two B6370RR	Linear Super-LED with flasher, red Rota Beam Super LED Beacons upper section, 700 Super LED lower section, red	Option 8 Option 9	Two L31HRFN Two B6MMRRP	L31 Series Super-LED Beacons, red Super-LED Beacons Upper Section, Lower Level Linear Super-LED with flasher, red
Option 5	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red *Requires optional flange purchased separately			

Zone D Upper Front is covered by Light from the Rear or Side of Lightbar from Zone A upper Zone D Upper Rear is covered by One of the options chosen from Zone C Upper

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

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RE DEPARTMENT



UPPER ZONE PUMPER PACKAGE 2

LED AND ROTATING HALOGEN LIGHTING

This package meets all upper zone requirements of NFPA 1901 specifications.

ZONE A UPPER		Choose 1 of the options below	Zone Photometric Requirement- 1,000,000	CSM
Option 1 Option 2 Option 3 Option 4	with angled corn One Model JEON with angled corn One Model JEOO with square corn One Model JEOO	NFPA NFPA Justice® Lightbar ners and clear outer lenses, 56" NFPA NFPA Justice Lightbar ners and clear outer lenses, 62" QNFPA NFPA Justice Lightbar ners and clear outer lenses, 56" QNFPA NFPA Justice Lightbar ners and clear outer lenses, 62"	FRONT FRONT JE2NFPA/ JEONFPA RED CONS WHITE CONS RED CONS RED CONS WHITE CONS RED CONS RED CONS WHITE CONS RED CONS	
ZONE B U	PPER		Zone Photometric Requirement- 400,000 (CSM
		by the Rotator from the Lightbar from Zone A u y One of the Options chosen from Zone C uppe		
ZONE C U	PPER	Choose 1 of the options below	Zone Photometric Requirement- 800,000 (CSM
Option 3 Option 4	Two R316RF Two RB6TRP Two B6TMRR1P Two B6370RR Two 40RR5SRR*	Lightheads, red	Lightheads, red Vel, □ Option 7 Two MCFLED2R Micro Freedom™ Super-LED Lighthea University L31 Series Super-LED Beacons, red	ads, red Lower
		*Requires optional flange purchased separately		
ZONE D U	PPER		Zone Photometric Requirement- 400,000 (CSM

Zone D Upper Front is covered by the Rotator from the Lightbar from Zone A upper Zone D Upper Rear is covered by One of the Options chosen from Zone C upper

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	



UPPER ZONE RESCUE PACKAGE 1

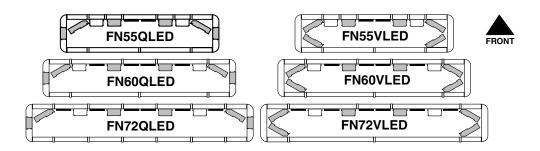
LED LIGHTING

This package meets all upper zone requirements of NFPA 1901 specifications.

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

Option 1 One FN55QLED NFPA Freedom™ LED Lightbar, clear outer lenses, std. 55"
Option 2 One FN60QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60" Option 3 One FN72QLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72" One FN55VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 55" One FN60VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 60" One FN72VLED NFPA Freedom LED Lightbar, clear outer lenses, std. 72"



ZONE B UPPER Choose 1 of the options below Zone Photometric Requirement- 400,000 CSM					
Zone B Upper Front is covered Lightbar from Zone A upper; Plus Two Lightheads from the Option 1 Two 50R02ZRR Option 2 Two 60R02FRR	* 500 Series Linear Super-LED® Surface Mount Lightheads, red	Option 3 Option 4 Option 5	Two 6RBR Two 90RR5FRR Two 90RC5FCR	600 Series Rota-Beam™ Super-LED surface mount, red 900 Series Linear Super-LED Flasher Surface Mount, red 900 Series Linear Super-LED surface mount, red/white	
ZONE C UPPER Choose 1 of the options below Zone Photometric Requirement- 800,000 CSM					
☐ Option 1 Two 40RR5SRR ☐ Option 2 Two 90RR5FRR	Lightheads, red	Option 3 Option 4	Two 6RBR Two 90RA5FCR	600 Series Rota-Beam Super-LED surface mount, red 900 Series Linear Super-LED surface mount, red/amber	
ZONE D UPPER	Choose 1 of the options below		Zone Ph	notometric Requirement- 400,000 CSM	
Zone D Upper Front is covered Zone A upper; Plus Two Lightheads from the Option 1 Two 50R02ZRR Option 2 Two 60R02FRR	* 500 Series Linear Super-LED Surface Mount Lightheads, red	Option 4 Option 5	Two 90RR5FRR Two 90RC5FCR	900 Series Linear Super-LED Flasher Surface Mount, red 900 Series Linear Super-LED surface mount, red/white	

CERTIFICATE OF COMPLIANCE WITH NFPA 1901 To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPA 1901 Standards for Automotive Fire Apparatus (2009 Edition). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications

600 Series Rota-Beam Super-LED surface mount, red

*Requires optional flange purchased separately

Mount, red

FIRE DEPARTMENT TRUCK NUMBER



☐ Option 3 Two 6RBR

This package meets all upper zone requirements of NFPA 1901 specifications.

UPPER ZONE RESCUE PACKAGE 2

LED LIGHTING

ZONE A UPPER Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM

□				F	RONT
Option 1 Option 2 Option 3 Option 4	with angled corne One Model JEONF with angled corne One Model JE2QN with square corne One Model JEOQN	FPA NFPA Justice® Lightbar ers and clear outer lenses, 56" FPA NFPA Justice Lightbar ers and clear outer lenses, 62" NFPA NFPA Justice Lightbar ers and clear outer lenses, 56" NFPA NFPA Justice Lightbar ers and clear outer lenses, 56" NFPA NFPA Justice Lightbar ers and clear outer lenses, 62"	RED CONS WHITE	E CONS RED CONS	RED CONS WHITE CONS RED CONS
			JE2QNFPA/	JEOQNFPA	CHOO COM CHORE CHOO COM
ZONE B U	JPPER	Choose 1 of the options below		Zone Pi	hotometric Requirement- 400,000 CSM
The Rotator f	rom the Lightbar fr	rom Zone A upper; Plus Two Lightheads from	Option 4	Two 90RR5FRR	•
the options b Option 1		500 Series Linear Super-LED Surface Mount Lightheads, red	Option 5	Two 90RC5FCR	Mount, red
Option 2	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red			
Option 3	Two 6RBR	600 Series Rota-Beam™ Super-LED surface mount, red			
ZONE C	UPPER	Choose 1 of the options below		Zone P	Photometric Requirement- 800,000 CSM
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 3 Option 4	Two 6RBR Two 90RA5FCR	600 Series Rota-Beam™ Super-LED surface mount, re 900 Series Linear Super-LED surface mount, red/amb
Option 2	Two 90RR5FRR	900 Series Linear Super-LED Surface Mount Lightheads, red	_ •••••••••••••••••••••••••••••••••••••		Coo control and copper and control not any read in
ZONE D	UPPER	Choose 1 of the options below		Zone P	Photometric Requirement- 400,000 CSM
The Rotator f	rom the Lightbar fr elow:	om Zone A upper; Plus Two Lightheads from	Option 4	Two 90RR5FRR	900 Series Linear Super-LED Flasher Surface Mount. red
		500 Series Linear Super-LED Surface Mount Lightheads, red	Option 5	Two 90RC5FCR	900 Series Linear Super-LED surface mount, red/white
Option 2	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red			
Option 3	Two 6RBR	600 Series Rota-Beam™ Super-LED surface mount, red			
		*Requires optional flange purchased separately			

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

Note: This system is tested and certified by Whelen Engineering Company, Inc. to meet all requirements for the NFPA 1901 Standards for Automotive Fire Apparatus (2009 Edition). See Chapter 13 titled: Low Voltage Electrical Systems & Warning Devices. This System is Certified only if all optical and electrical warning devices are installed and wired in accordance to the 1901 Standard and Specifications; and also in accordance to the device manufacturers mounting and wiring specifications.

FIRE DEPARTMENT
TRUCK NUMBER



SMALL APPARATUS (25'or Less) PACKAGE 1

LED LIGHTING

Zone A UPPER and LOWER Combined

Zone Photometric Requirement- 1,000,000 CSM

Choose 1 of the options for the Upper Zone

Option 1 One FN55VLED NFPA Freedom™ LED Lightbar, 55" **Option 2** One FN55QLED NFPA Freedom LED Lightbar, 55"





Choose 1 of the options for the Lower Zone

Uption 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount
		Lightheads, red
Ontion 2	Two 4V3R	400 V-Series Super-LED surface mount red

☐ Option 3 Two 50R03ZRR* 500 Series TIR6[™] Super-LED Surface Mount Lightheads, red

Option 4 Two 50R02ZRR* 500 Series Linear Super-LED Surface Mount Lightheads, red

□ Option 5 Two V23TPC V23 Series Super-LED surface mount, red ☐ Option 6 Two 60R02FRR 600 Series Linear Super-LED Flashers Surface Mount, red

☐ Option 7 Two 6RBR Option 8 Two 70R02FRR

☐ Option 9 Two 70RC6FCR

☐ Option 10 Two LINZ6R

600 Series Rota-Beam™ Super-LED surface mount, red 700 Series Linear Super-LED Flashers Surface Mount, red

700 Series Linear Super-LED Flashers Surface Mount (split red/white)

LINZ6™ Series Linear Super-LED Surface

Mount, red

□ Option 11 Two WIONSMCR ION™ Super-LED chrome surface mount, red

Zone B UPPER and LOWER Combined

Zone Photometric Requirement- 200,000 CSM

Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A upper Plus One of the Options Below:

Choose 1 of the options for the Upper or Lower Zone

Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red
Option 2 Option 3	Two V23TPC	400 V-Series Super-LED surface mount, red V23 Series Super-LED surface mount, red
Option 4	Three 50R03FRR*	500 Series TIR6™ Super-LED Surface Mount Lightheads, red

□ Option 5 Three 50R02ZRR*500 Series Linear Super-LED Surface Mount Lightheads, red

☐ Option 6 Two 60R02FRR 600 Series Linear Super-LED Flashers Surface Mount, red

□ Option 7 Two 6RBR Option 8 Two 70R02FRR ☐ Option 9 Two 70RC6FCR

☐ Option 11 Two LINZ6R

☐ Option 10 Two 90RR5FRR

Mount, red 700 Series Linear Super-LED Flashers Surface Mount (split red/white)

900 Series Linear Super-LED Flashers Surface Mount, red

600 Series Rota-Beam™ Super-LED surface mount, red

700 Series Linear Super-LED Flashers Surface

LINZ6 Series Linear Super-LED Surface

Mount, red

□ Option 12 Two WIONSMCR ION™ Super-LED chrome surface mount, red

ZONE C UPPER and LOWER Combined

Zone Photometric Requirement- 800,000 CSM

Choose 1 of the options for the Upper or Lower Zone

	Two R316RF	Rota-Beam [™] Super-LED flat mount beacon, red
	Two RB6TRP	RB6 Series Rotating Halogen Beacons, red
_		400 Series Linear Super-LED Surface Mount Lightheads, red
Option 4	Four 50R03ZRR*	500 Series TIR6 Super-LED Surface Mount Lightheads, red
Option 5	Four 50R02ZRR*	500 Series Linear Super-LED Surface Mount Lightheads, red

600 Series Linear Super-LED Flashers Surface Mount, red

☐ Option 7 Two 6RBR ☐ Option 8 Two 90RR5FRR

Option 9 Two MCFLED2R ☐ Option 10 Two L31HRFN ☐ Option 11 Two LINZ6R

600 Series Rota-Beam™ Super-LED surface mount, red 900 Series Linear Super-LED Flashers Surface Mount, red Micro Freedom™ Super-LED Lightheads, red L31 Series Super-LED Beacons, red LINZ6 Series Linear Super-LED Surface

Mount, red

CONTINUED ON NEXT PAGE



□ Option 6 Two 60R02FRR

SMALL APPARATUS (25'or Less) PACKAGE 1 (cont.)

This package meets all zone requirements of NFPA 1901 specifications.

LED LIGHTING

Zone D UPPER and LOWER Combined				Zone Photometric Requirement- 200,000 CSM		
Zone D Upper	r Front is covered b	y the lights from the Rear or Side of the Lightba	r from Zone A up	per		
Choose 1	of the options	for the Upper or Lower Zone				
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 5	Two 60R02FRR	600 Series Linear Super-LED Flashers Surface Mount, red	
Option 2	Four 50R03ZRR*	500 Series TIR6 Super-LED Surface Mount Lightheads, red	Option 6	Two 70R02FRR	700 Series Linear Super-LED Flashers Surface Mount, red	
Option 3	Three 50R03ZRR	*500 Series TIR6™ Super-LED Surface Mount Lightheads, red	Option 7	Two LINZ6R	LINZ6 Series Linear Super-LED Surface Mount, red	
Option 4	Three 50R02ZRR	*500 Series Linear Super-LED Surface Mount Lightheads, red				

CERTIFICATE OF COMPLIANCE WITH NFPA 1901

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT		
TRUCK NUMBER		



SMALL APPARATUS (25' or Less) PACKAGE 2

LED AND ROTATING HALOGEN LIGHTING

ZONE A UPPER and LOWER Combined Zone Photometric Requirement- 1,000,000 CSM Choose 1 of the options for the Upper Zone **FRONT Option 1** One Model JE2NFPA NFPA Justice[®] Lightbar with angled corners and clear outer lenses, 56" Option 2 One Model JEONFPA NFPA Justice Lightbar with angled corners and clear outer lenses, 62" JE2NFPA/ JEONFPA Option 3 One Model JE2QNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 56" Doption 4 One Model JEOQNFPA NFPA Justice Lightbar with square corners and clear outer lenses, 62" JE2QNFPA/ JEOQNFPA Choose 1 of the options for the Upper Zone Option 1 Two 40RR5SRR* 400 Series Linear Super-LED Surface Mount ☐ Option 7 Two 6RBR 600 Series Rota-Beam™ Super-LED surface mount, red Lightheads, red Option 8 Two 70R02FRR 700 Series Linear Super-LED Surface Mount 400 V-Series Super-LED surface mount, red Option 2 Lightheads, red Two 4V3R Option 3 Two 50R03ZRR* 500 Series TIR6 Super-LED Surface Mount □ Option 9 Two 70RC6FCR 700 Series Linear Super-LED Flashers Surface Lightheads, red Mount (split red/white) ☐ Option 4 Two 50R02ZRR* 500 Series Linear Super-LED Surface Mount ☐ Option 10 Two LINZ6R LINZ6™ Series Linear Super-LED Surface Lightheads, red Mount, red ☐ Option 5 Two V23TPC V23 Series Super-LED surface mount, red □ Option 11 Two WIONSMCR ION™ Super-LED chrome surface mount, red ☐ Option 6 Two 60R02FRR 600 Series Linear Super-LED Flashers Surface Mount, red **ZONE B UPPER and LOWER Combined** Zone Photometric Requirement- 200,000 CSM Zone B Upper is covered by the Rotator from the Lightbar from Zone A upper; Plus One of the Options Below: Choose 1 of the options for the Upper or Lower Zone ☐ Option 7 Two 6RBR Option 1 Two 40RR5SRR* 400 Series Linear Super-LED Surface Mount 600 Series Rota-Beam Super-LED surface mount, red Lightheads, red Option 8 Two 70R02FRR 700 Series Linear Super-LED Flashers Surface Option 2 Option 3 400 V-Series Super-LED surface mount, red Two 4V3R Mount, red Two V23TPC V23 Series Super-LED surface mount, red ☐ Option 9 Two 70RC6FCR 700 Series Linear Super-LED Flashers Surface Option 4 Three 50R03ZRR*500 Series TIR6 Super-LED Surface Mount Mount (split red/white)

CONTINUED ON NEXT PAGE

900 Series Linear Super-LED Flashers Surface

LINZ6 Series Linear Super-LED Surface



☐ Option 6 Two 60R02FRR

Lightheads, red

Lightheads, red

600 Series Linear Super-LED Flashers Surface

Option 5 Three 50R02ZRR*500 Series Linear Super-LED Surface Mount

Mount, red

☐ Option 10 Two 90RR5FRR

☐ Option 11 Two LINZ6R

Mount, red

Mount, red

☐ Option 12 Two WIONSMCR ION™ Super-LED chrome surface mount, red

SMALL APPARATUS (25' or Less) PACKAGE 2 (cont.)

LED AND ROTATING HALOGEN LIGHTING

This package meets all zone requirements of NFPA 1901 specifications.

ZONE C UPPER and LOWER Combined				Zone Photometric Requirement- 800,000 CSM		
Choose 1	of the options	for the Upper Zone or Lower Zone				
Option 1 Option 2 Option 3 Option 4 Option 5 Option 6	Two R316RF Two RB6TRP Two 40RR5SRR* Four 50R03ZRR* Four 50R02ZRR* Two 60R02FRR	Lightheads, red 500 Series TIR6 Super-LED Surface Mount Lightheads, red		Two 6RBR Two 90RR5FRR Two MCFLED2R Two L31HRFN Two LINZ6R	600 Series Rota-Beam Super-LED surface mount, red 900 Series Linear Super-LED Surface Mount Lightheads, red Micro Freedom™ Super-LED, red L31 Series Super-LED Beacons, red LINZ6 Series Linear Super-LED Surface Mount, red	
ZONE D I	IPPER and LO	WER Combined		7one Ph	otometric Requirement- 200,000 CSM	
		Rotator from the Lightbar from Zone A upper; Plus	s One of the Op			
Choose 1	of the options	for the Upper or Lower Zone				
Option 1	Two 40RR5SRR*	400 Series Linear Super-LED Surface Mount Lightheads, red	Option 6	Two 70R02FRR	700 Series Linear Super-LED Flashers Surface Mount, red	
Option 2 Option 3	Two 4V3R Three 50R03ZRR	400 V-Series Super-LED surface mount, red *500 Series TIR6 Super-LED Surface Mount	Option 7	Two 90RR5FRR	900 Series Linear Super-LED Flashers Surface Mount, red	
Option 4		Lightheads, red *500 Series Linear Super-LED Surface Mount	Option 8	Two LINZ6R	LINZ6 Series Linear Super-LED Surface Mount, red	
Option 5	Two 60R02FRR	Lightheads, red 600 Series Linear Super-LED Flashers Surface Mount, red	Option 9	Two WIONSMCR	ION™ Super-LED chrome surface mount, red	
		*Requires optional flange purchased separately				

To Meet Certification, Check Box for the Option Chosen in Each Appropriate Zone

FIRE DEPARTMENT	
TRUCK NUMBER	



CERTIFICATE OF COMPLIANCE WITH NFPA 1901

Enhance your NFPA 1901 Specification Lighting Packages

295 SERIES SIREN AMPLIFIERS

All 295 Series Sirens meet and exceed California Title XIII.

295 Sirens all feature three siren warning tones, plus airhorn, Public Address and Hands-Free operation,

Diagnostix[™] & SI TEST[®]. 5 year warranty on most models.

295SLSA1.... Single unit, 17 Scan-Lock™ siren tones, hard-wired microphone

295HFS2......Full function remote siren amplifier, flush mount

295HFS3...... Remote, surface mount head

295HFS4......9-switch light control, surface mount head

295HFSA5 ... 9-switch light control, low current switching, park kill, time out relay.

295SLSA6.... Single unit, 9-switch light control, standard switching, 17 Scan-Lock siren tones, removable microphone

295HFSA7 ... Remote dual tone, flush mount

295HFSC9... Self-contained, dual or mono, 8 programmable profiles, removable microphone

295SL100..... Full function, up to two 100 watt speakers, heavy-duty microphone, 17 Scan-Lock siren tones, 2 year warranty

295SL101..... Full function, up to two 100 watt speakers, heavy-duty plug-in microphone, 17 Scan-Lock siren tones, 2 year warranty



ALPHA SIREN AMPLIFIERS

ALPHA12R... 100 watt remote siren amplifier, remote switches purchased separately

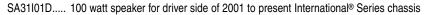


ALPHA12R



100 WATT RMS SIREN SPEAKERS

For bumper and flange mounting, Projector® Series speakers produce 122.5dB, exceeding California Title XIII, Class A (120dB @ 10') and S.A.E. J1849 when used with Whelen 295HFS Series.



SA31I01P..... 100 watt speaker for passenger side of 2001 to present International Series chassis

SA32C06...... UnderPro™ dual speaker for Chevrolet Express Van, 2006-09

SA122FMP... 100 watt speaker, polished cast aluminum speaker, flange mount



SA314A....... 100 watt compact speaker for behind bumper mounting, natural aluminum

SA315P....... 100 watt compact speaker for behind bumper mounting, black nylon composite

SACSTCMP. Optional polished flange casting, contoured mount for SA314A

Mounting Brackets

5AK1	Univers	ai Mount	KIT

SAK23...... Ford Expedition, 2007-2014

SAK24...........Chevrolet Tahoe/Silverado, 2007-2014 SAK25..........Chevrolet Express Van, 2006-2014

SAK32...... Ford E350/450, 2008-2011, passenger or driver side

SAK29......... Universal bail mount bracket, SA314 speaker

SAK40...... Ford F-350, 2011-2014, passenger side

SAK41...... Ford F-350, 2011-2014, driver side

SAK42........... Dodge 4500, 2011-2013, passenger side

SAK43......Dodge 4500, 2011-2013, driver side

SAK44......Ford Explorer, 2011-2014, driver side

SAK47...... Dodge Ram 1500, 2011-2013, passenger side

SAK48.......Dodge Ram 1500, 2011-2013, driver side

SAK49.......Chevy Silverado 1500, 2011-2013, passenger side

SAK50..........Chevy Silverado 1500, 2011-2013, driver side

SAK 51...... Ford Police Interceptor Utility, 2011-2014, passenger side

SAK52...... Ford Police Interceptor Utility, 2011-2014, driver side

SAK54...... Dodge Durango, 2013-2014

SAK55...... Chevy Tahoe, 2015, passenger side

SAK56...... Chevy Tahoe, 2015, driver side



SA31I01P





SA315P





SA122FMP

HOWLER™ LOW FREQUENCY TONE SIREN

Includes siren amplifier and two speakers. Works in conjunction with existing siren systems (purchased separately)

HOWLER Siren amplifier with two speakers and vehicle specific mounting bracket.

Mounting Brackets

HWLRB2..... Ford Expedition, 2008-20014

HWLRB4..... Ford E-Series, 2008-20011

HWLRB5...... Chevrolet Surburban, 2008-20014 and Tahoe, 2008-2014

HWLRB11.... Chevrolet Express G-Series, 2011

HWLRB12.... Ford F-250 to F550, 2011-2013

HWLRB13.... Ford Explorer, 2011-2014

HWLR14 Dodge 4500, 2011

HWLRB19.... Silverado 1500, 2014





SPECIFICATIONS

HALOGEN / LED FLASHERS

Model	Number of Outlets	Alt/Simul Outlets Max	Flash Patterns	Input Voltage	Output Current per Outlet (amps)	Output Power Total (watts)	Output Power per Outlet (watts)	Flash Rate per Outlet (FPM)
AFM1660	16	8x8			5	1040	65	
AFM560	F (D+)	2 Post ALT 3 Post	Yes	12 vdc +/- 20%	50/10/5/5	1105	650 / 325 / 65 / 65	Signal 75
ALF530 (LED)	5 (Post)				20/10/5/5	617.5	325 / 132.5 / 65 / 65	
ULF28 (LED)	8	4x4	10.0	1.25	115	15.36	5 Patterns	
ULF44	4	2x2		12.8	5	240	60	62 Patterns

LIGHTHEADS

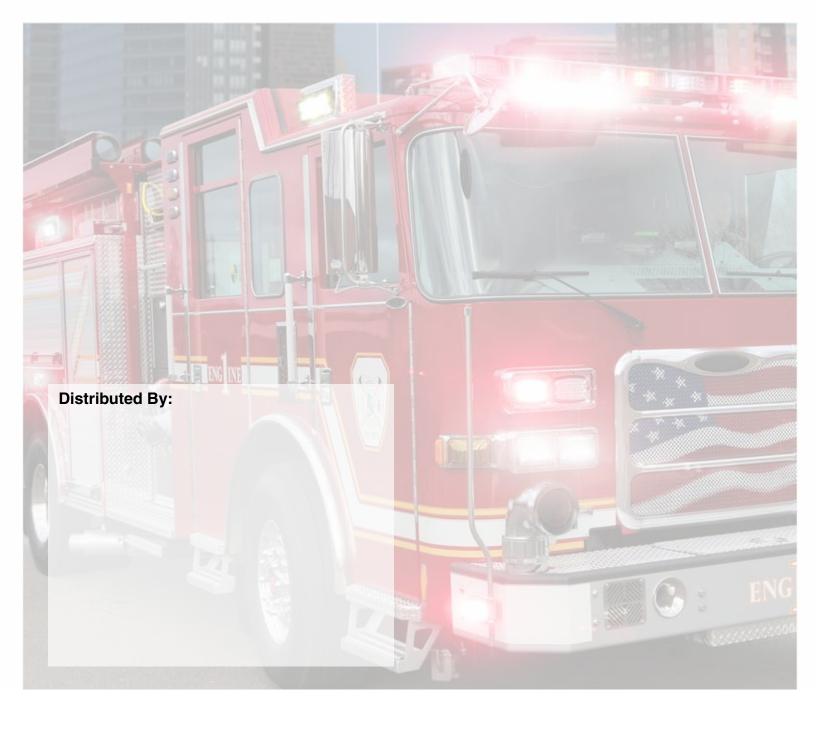
Lighthead	Lamp Type	SmartLED [®] or flasher	High / Max	Low / Average		
ION WIDE ANGLE SERIES WARNING						
WIONSM	Super-LED [®]	SmartLED	1.0 (max)	.40 (avg)		
ROTA-BEAM™ WARNING						
6RB	Super-LED	SmartLED	1.0 (max)	.40 (avg)		
M SERIES WARNING						
M4		SmartLED	1.5A (max)	0.6A (avg)		
M6	1		2.25A (max)	0.9A (avg)		
M7	─ Linear-LED [®]		2.25A (max)	0.9A (avg)		
M9			3A (max)	1.2A (avg)		
M6V2	V-Series		1.4 (max)	.62 (avg)		
M9V2	Super-LED		2.4 (max)	2.40 (avg)		
		LINEAR-LED WAR	NING			
LIN3			.4A (max)	.17A (avg)		
LINZ6			.75A (max)	.3A (avg)		
400 Dual Level		SmartLED	1.8A (max)	.72A (avg)		
500	Linear-LED		1A (max)	.4A (avg)		
600			1.4A (max)	.53A (avg)		
700			1.4A (max)	.53A (avg)		
900	1		2.8A (max)	1A (avg)		
	•	SPLIT LED WARN	IING	<u>'</u>		
LINZ6		SmartLED	.75A	.3A		
M4	1		.75A (per side) simultaneous	.3A (per side) alternating		
M6	Linear-LED		2.2A (per side) simultaneous	1.1A (per side) alternating		
M7	7		2.2A (per side) simultaneous	1.1A (per side) alternating		
M9			3A (per side) simultaneous	1.6A (per side) alternating		
500	TIR6		.315A (per side)	.125A (per side)		
500			.50A (per side)	.20A (per side)		
600	Linear-LED		.75A (per side)	.3A (avg)		
700	LIIIGAI-LLD		.75A (per side)	.3A (avg)		
900			1.5A (per side)	.6A (avg)		
	•	V-Series				
V23			.765 (max)	.620 (avg)		
4V3	V-Series_	SmartLED	1.20 (max)	.52 (avg)		
5V3	Super-LED		.50 (max)	1.12 (avg)		
		TIR WARNING	, ,	1.12 (449)		
TIR3	TIR3		.4A (max)	.16A (avg)		
500	TIR6	SmartLED	.63A (max)	.315A (avg)		
000	11110		.oort (max)	.010/1 (419)		

LIGHTBARS

Model	Voltage	Number of Lamps	Amp Draw	Dimensions H x W x L (inches)		
FREEDOM™ LED MODELS						
FNMINI (pair)		8 LED	6	3-3/4 x 12 x 24		
FN55VLED / FN55QLED	12.8	8 LED	6	3-3/4 x 12 x 55		
FN60VLED / FN60QLED	12.0	8 LED	6	3-3/4 x 12 x 60		
FN72VLED / FN72QLED		8 LED	6	3-3/4 x 12 x 72		
JUSTICE® LED MODELS						
JNMINI (pair)		10 LED	7	2-1/4 x 12 x 23		
JE2NFPA	12.8	10 LED	7	2-1/4 x 12 x 56-1/4		
JEONFPA		10 LED	7	2-1/4 x 12 x 62-3/8		
FREEDOM™ MICRO EDGE						
MCFLED2R (ea.)	12.8	2 LED	1.5 ea [.]	3-3/4 x 12 x 8-1/4		

Super-LED, SmartLED, and Linear-LED are registered trademarks of Whelen Engineering Company, Inc.
Diagnostix, Freedom, Liberty, LIN3, LINZ6, Rota-Beam, V-Series and TIR6 are trademarks of Whelen Engineering Company, Inc.

NOTES	





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Whelen reserves the right to upgrade and improve products without notice.

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