

This package meets all zone requirements of NFPA 1901 specifications.

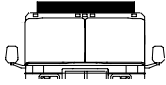
# STROBE / LED PACKAGE 1

## STROBE AND LED LIGHTING

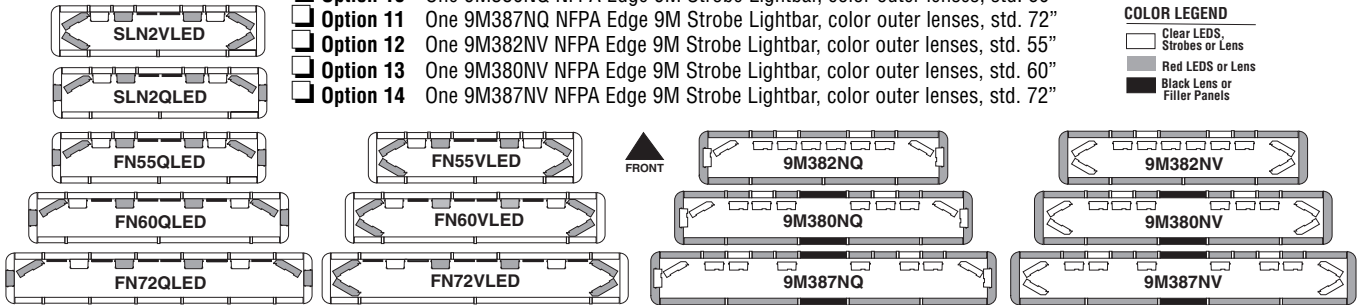
### ZONE A UPPER

Choose 1 of the options below

Zone Photometric Requirement- 1,000,000 CSM



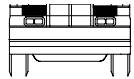
- Option 1** One SLN2VLED NFPA Edge® LFL Liberty™ LED Lightbar, clear outer lenses, std. 54" only
- Option 2** One SLN2QLED NFPA Edge LFL Liberty LED Lightbar, clear outer lenses, std. 54" only
- Option 3** One FN55QLED NFPA Edge Ultra Freedom LED Lightbar, clear outer lenses, std. 55"
- Option 4** One FN60QLED NFPA Edge Ultra Freedom LED Lightbar, clear outer lenses, std. 60"
- Option 5** One FN72QLED NFPA Edge Ultra Freedom LED Lightbar, clear outer lenses, std. 72"
- Option 6** One FN55VLED NFPA Edge Ultra™ Freedom™ LED Lightbar, clear outer lenses, std. 55"
- Option 7** One FN60VLED NFPA Edge Ultra Freedom LED Lightbar, clear outer lenses, std. 60"
- Option 8** One FN72VLED NFPA Edge Ultra Freedom LED Lightbar, clear outer lenses, std. 72"
- Option 9** One 9M382NQ NFPA Edge 9M Strobe Lightbar, color outer lenses, std. 55"
- Option 10** One 9M380NQ NFPA Edge 9M Strobe Lightbar, color outer lenses, std. 60"
- Option 11** One 9M387NQ NFPA Edge 9M Strobe Lightbar, color outer lenses, std. 72"
- Option 12** One 9M382NV NFPA Edge 9M Strobe Lightbar, color outer lenses, std. 55"
- Option 13** One 9M380NV NFPA Edge 9M Strobe Lightbar, color outer lenses, std. 60"
- Option 14** One 9M387NV NFPA Edge 9M Strobe Lightbar, color outer lenses, std. 72"



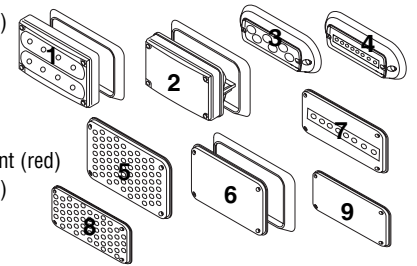
### ZONE A LOWER

Choose 1 of the options below

Zone Photometric Requirement- 150,000 CSM



- Option 1** Two 40R020RR\* 400 Series Linear8 Super-LED™ Lighthoods (red)
- Option 2** Two 402000RU\* 400 Series Linear Strobe (red)
- Option 3** Two 50R03FRR\* 500 Series TIR6 Super-LED™ (red)
- Option 4** Two 50R020RR\* 500 Series Linear8 Super-LED™ (red)
- Option 5** Two 60R00FRR 600 Series LED Flasher Surface Mount (red)
- Option 6** Two 602000RU\* 600 Series Linear Strobe Lighthoods, body mount (red)
- Option 7** Two 70R040RR 700 Series Linear8 Super-LED™ Lighthoods (red)
- Option 8** Two 70R00FRR 700 Series LED Flasher Surface Mount (red)
- Option 9** Two 702000RU 700 Series Linear Strobe Lighthoods (red)



### ZONE B UPPER

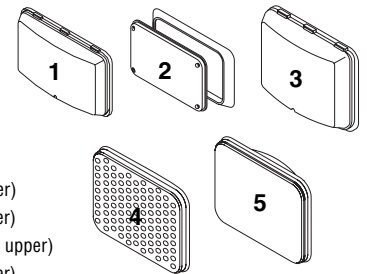
Choose 1 of the options below

Zone Photometric Requirement- 400,000 CSM

**FRONT:** Zone B Upper Front is covered by the lights from the Rear or Side of the Lightbar from Zone A upper

**REAR:** Zone B Upper Rear is covered by One of the options chosen from Zone C Upper *plus One Lighthouse from the options below:*

- Option 1** One 58EC20RU 508E Series Linear Strobe Surface Mount Lighthouse (red) (1 rear, upper)
- Option 2** One 602000RU\* 600 Series Linear Strobe Lighthouse (red) (1 rear, upper)
- Option 3** One 81EC20RU 81E Series Linear Strobe Lighthouse (red) (1 rear, upper)
- Option 4** One 90R00FRR 900 Series LED Flasher Surface Mount (red) (1 rear, upper)
- Option 5** One 902000RU 900 Series Linear Strobe Lighthouse (red) (1 rear, upper)

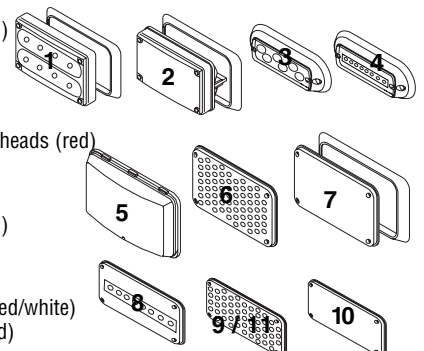


### ZONE B LOWER

Choose 1 of the options below

Zone Photometric Requirement- 150,000 CSM

- Option 1** Two 40R020RR\* 400 Series Linear8 Super-LED™ Lighthoods (red)
- Option 2** Two 402000RU\* 400 Series Linear Strobe (red)
- Option 3** Two 50R03FRR\* 500 Series TIR6 Super-LED™ (red)
- Option 4** Two 50R020RR\* 500 Series Linear8 Super-LED™ (red)
- Option 5** Three 58EC20RU 508E Series Linear Strobe Surface Mount Lighthoods (red)
- Option 6** Two 60R00FRR 600 Series LED Flasher Surface Mount (red)
- Option 7** Two 602000RU\* 600 Series Linear Strobe Lighthoods (red)
- Option 8** Two 70R040RR 700 Series Linear8 Super-LED™ Lighthoods (red)
- Option 9** Two 70R00FRR 700 Series LED Flasher Surface Mount (red)
- Option 10** Two 702000RU 700 Series Linear Strobe Lighthoods (red)
- Option 11** Two 70RCSFDR 700 Series LED Flashing Surface Mount (split red/white) Plus One 70R00FRR 700 Series LED Flashing Surface Mount (red)



\*Requires optional flange purchased separately  
**Note:** Underscored model numbers indicate need for remote LED ballast.

# STROBE / LED PACKAGE 1 (cont.)

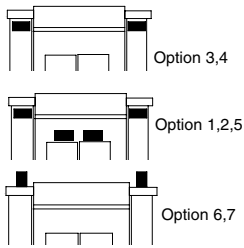
FORM# N0497-7

## STROBE AND LED LIGHTING

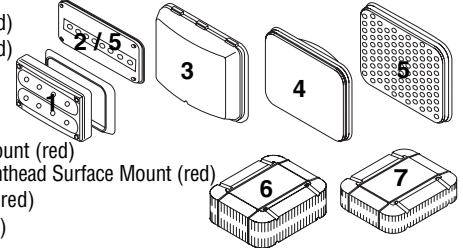
### ZONE C UPPER

Choose 1 of the options below

Zone Photometric Requirement- 800,000 CSM



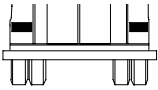
- Option 1** Four 40R020RR\* 400 Series Linear8 Super-LED™ Lighthoods (red)
- Option 2** Four 70R040RR 700 Series Linear8 Super-LED™ Lighthoods (red)
- Option 3** Two 81EC20AU 81E Series Linear Strobe Surface Mount Lighthoods (amber)
- Option 4** Two 902000AU 900 Series Linear Strobe Lighthoods (amber)
- Option 5** Two 90R00FRR 900 Series LED Flashing Lighthouse Surface Mount (red) plus two 70R040RR 700 Series Linear8 Super-LED™ Flashing Lighthouse Surface Mount (red)
- Option 6** Two MCFLED2R Micro Edge® Ultra Freedom LED Lighthoods (red)
- Option 7** Two MCSLED2R Micro Edge® LFL Liberty LED Lighthoods (red)



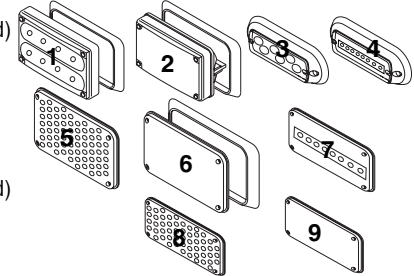
### ZONE C LOWER

Choose 1 of the options below

Zone Photometric Requirement- 150,000 CSM



- Option 1** Two 40R020RR\* 400 Series Linear8 Super-LED™ Lighthoods (red)
- Option 2** Two 402000RU\* 400 Series Linear Strobe (red)
- Option 3** Two 50R03FRR\* 500 Series TIR6 Super-LED™ (red)
- Option 4** Two 50R020RR\* 500 Series Linear8 Super-LED™ (red)
- Option 5** Two 60R00FRR 600 Series LED Flasher Surface Mount (red)
- Option 6** Two 602000RU\* 600 Series Linear Strobe Lighthoods (red)
- Option 7** Two 70R040RR 700 Series Linear8 Super-LED™ Lighthoods (red)
- Option 8** Two 70R00FRR 700 Series LED Flasher Surface Mount (red)
- Option 9** Two 702000RU 700 Series Linear Strobe Lighthoods (red)



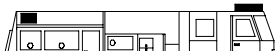
### ZONE D UPPER

Choose 1 of the options below

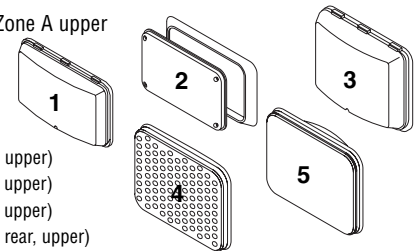
Zone Photometric Requirement- 400,000 CSM

**FRONT:**  
**REAR:**

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 plus One Lighthouse from the options below:



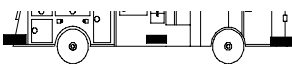
- Option 1** One 58EC20RU 508E Series Linear Strobe Surface Mount Lighthouse (red) (1 rear, upper)
- Option 2** One 602000RU\* 600 Series Linear Strobe Lighthouse (red) (1 rear, upper)
- Option 3** One 81EC20RU 81E Series Linear Strobe Lighthouse (red) (1 rear, upper)
- Option 4** One 902000RU 900 Series Linear Strobe Lighthouse (red) (1 rear, upper)
- Option 5** One 90R00FRR 900 Series LED Flasher Surface Mount (red) (1 rear, upper)



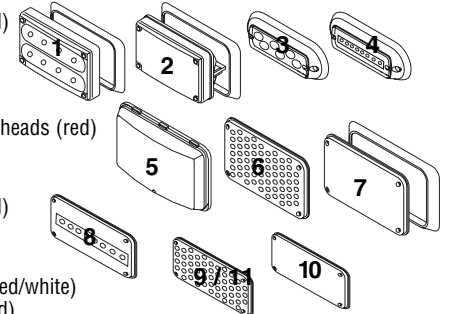
### ZONE D LOWER

Choose 1 of the options below

Zone Photometric Requirement- 150,000 CSM



- Option 1** Two 40R020RR\* 400 Series Linear8 Super-LED™ Lighthoods (red)
- Option 2** Two 402000RU\* 400 Series Linear Strobe (red)
- Option 3** Two 50R03FRR\* 500 Series TIR6 Super-LED™ (red)
- Option 4** Two 50R020RR\* 500 Series Linear8 Super-LED™ (red)
- Option 5** Three 58EC20RU 508E Series Linear Strobe Surface Mount Lighthoods (red)
- Option 6** Two 60R00FRR 600 Series LED Flasher Surface Mount (red)
- Option 7** Two 602000RU\* 600 Series Linear Strobe Lighthoods (red)
- Option 8** Two 70R040RR 700 Series Linear8 Super-LED™ Lighthoods (red)
- Option 9** Two 70R00FRR 700 Series LED Flasher Surface Mount (red)
- Option 10** Two 702000RU 700 Series Linear Strobe Lighthoods (red)
- Option 11** Two 70RCSFDR 700 Series LED Flashing Surface Mount (split red/white) Plus One 70R00FRR 700 Series LED Flashing Surface Mount (red)



**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 1999 Edition, Table 11-8 12.4 (Minimum Optical Power Requirements for Apparatus). If additional lighting is needed to meet lower zone distance requirements only, you can use any of our warning lighthoods shown on pages 33, 34 or 35 of this brochure.

\*Requires optional flange purchased separately

**Note:** Underscored model numbers indicate need for remote LED ballast.

See inside cover of this booklet to CHOOSE an NFPA approved Strobe Power Supply or a Halogen Flasher.

See Amp Draw Charts on pages 36 and 37 for overall amperage consumption.

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

Underscored LED lighthoods need a remote ballast to operate.

## 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 (1999 Edition). See Chapter 11 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 \_\_\_\_\_