

R7/9 esponder Series

LED Warning Lighthouse



R9 W

R7 W

FEATURES

- Available in various sizes and dimensions to best fit your vehicle.
- Warning Models certified with SAE J595, SAE J845 Class 1, CA Title 13 and meet NFPA1901 and KKK1822 compliance when configured correctly.
- Choose from 16 built-in flash patterns in Solid, Left-Right split, Top-Bottom split, or Criss-Cross split flash mode.
- Multi-units synchronization in simultaneous or alternating flash.
- Reverse polarity protection.
- Weatherproof and vibration resistant design for internal or external use.
- Solid aluminium base for efficient heat dissipation.
- Choice of Clear or Colour Lens options.
- Optional Chrome or Black flanges.

SPECIFICATIONS

Available Colours:

Warning Lamp:

LED - Amber, Blue, Red or White

Lens - Amber, Blue, Red or Clear

Light Source :

Warning Lamp :

R7 W = High-power LED x 24 pcs

R9 W

= High-power LED x 36 pcs

Approvals and Regulatory Compliances:

Warning Lamp :

R7 W : NFPA 1901*; KKK 1822**; SAE J595 (A, B, R, W); SAE J845 (A, B, R, W); CA Title 13 (A, B, R)

R9 W : NFPA 1901*; KKK 1822**; SAE J595 (A, B, R, W); SAE J845 (A, B, R, W); CA Title 13 (B, R)

*NFPA 1901 Package (Zone vs Product) :

Standard		Colour	R7 x 2pcs	R9 x 2pcs
Large Vehicle	Upper Zone A		● ○ ●	● ● ○ ●
	Upper Zone B/D		● ● ● ○ ●	● ● ● ○ ●
	Upper Zone C		● ● ● ●	● ● ● ●
	Lower Zone A/B/C/D		● ● ● ○ ●	● ● ● ○ ●
Small Vehicle	Zone A		● ○ ●	● ● ○ ●
	Zone B/D		● ● ● ○ ●	● ● ● ○ ●
	Zone C		● ● ● ●	● ● ● ●

Power:

	R7 W	R9 W
Operation Voltage	12VDC	12VDC
Average Current (A)	1.03	2.1
Average Power (W)	12.4	25.2
Max. Current (A)	2.06	4.2
Max. Power (W)	24.7	50.4
Fuse Rating (A)	3.0	5.0

Wires:

21 cm @ 20AWG

Warning Lamp:

BLACK- GND

RED- Vcc Warning

WHITE- Low Power

YELLOW- Flash pattern & Sync

FLASH MODES

1. Simultaneous (all) Flash



2. Top-Down Split Flash



3. Left-Right Split Flash

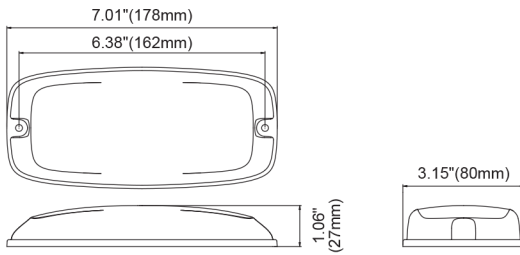
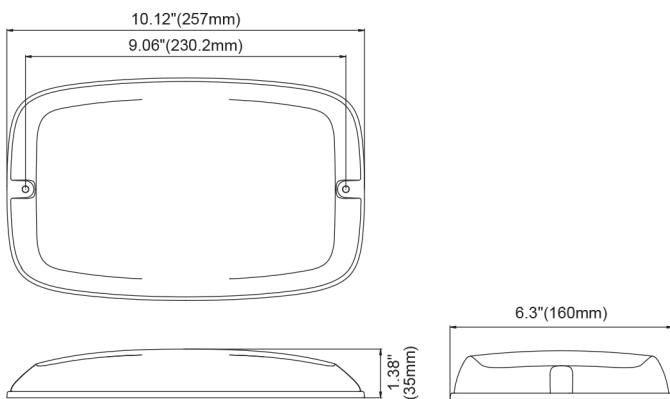
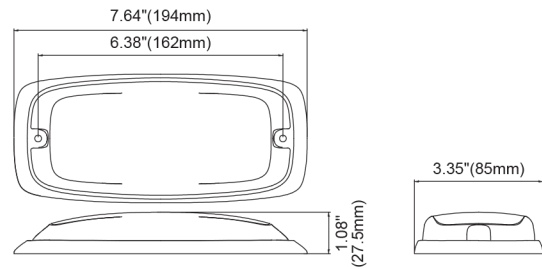


4. Criss-Cross Split Flash



FLASH PATTERN CHART

Flash Patterns			
1	Double [2Hz]	9	Triple [SAE]
2	Single [2Hz]	10	Quad [SAE]
3	Triple [2Hz]	11	Quint [SAE]
4	Quad [2Hz]	12	Ultra [SAE]
5	Random	13	Single-Quad
6	Single [SAE, CA13]	14	Single H/L
7	Mega	15	Single-Triple-Quint
8	Double [SAE]	16	Steady

DIMENSIONS**Surface mount w/o flange bezel****R7 :****R9 :****Surface mount w/ flange bezel****R7 :****R9 :**