

R^{4/6/7/9}esponder Series

LED Warning Lighthouse



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 :

R4 W	= High-power LED x 12 pcs	R6 W	= High-power LED x 24 pcs
R7 W	= High-power LED x 24 pcs	R9 W	= High-power LED x 36 pcs

Approvals and Regulatory Compliances:

Warning Lamp :

R4 W : NFPA 1901*, KKK 1822**; SAE J595 (A, B, R, W); SAE J845 (A, B, R, W); CA Title 13 (A, B, R,)
 R6 W : NFPA 1901*, KKK 1822**; SAE J595 (A, B, R, W); SAE J845 (A, B, R, W); CA Title 13 (A, B, R)
 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		R4 x 2pcs	R6 x 2pcs	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		● ● ● ●	● ● ● ●	● ● ● ●

****KKK1822 Compliance :**

White Front Centre: R6 / R7 / R9

Amber Rear Centre: R6 / R9

Red Upper Body Corners: R6 / R7 / R9

Red Grille Fenders: R4 / R6 / R7 / R9

Power:

	R4 W	R6 W	R7 W	R9 W
Operation Voltage	12VDC	12VDC	12VDC	12VDC
Average Current (A)	0.73	1.55	1.03	2.1
Average Power (W)	8.8	18.6	12.4	25.2
Max. Current (A)	1.46	3.1	2.06	4.2
Max. Power (W)	17.5	37.2	24.7	50.4
Fuse Rating (A)	2.0	4.0	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**

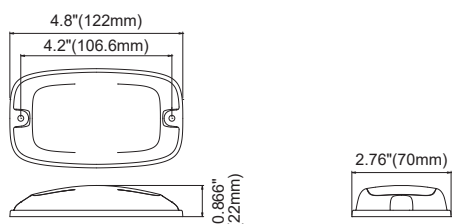
Flash Patterns			
1	Double [2Hz]	9	Triple [SAE]
2	Single [2Hz]	10	Quad [SAE]
3	Triple [2Hz]	11	Quint [SAE]
4	Quad [2Hz]	12	Ultra [SAE]
5	Random	13	Single-Quad
6	Single [SAE, CA13]	14	Single H/L
7	Mega	15	Single-Triple-Quint
8	Double [SAE]	16	Steady

PART NO.**Warning Lighthouse:****M068-0001#-00R** (R4 Warning Lighthouse);**M064-0001#-00R** (R6 Warning Lighthouse);**M067-0001#-00R** (R7 Warning Lighthouse);**M066-0001#-00R** (R9 Warning Lighthouse);Replace # for colour: Clear Lens -
Coloured Lens -Red = R, Blue = B, Amber = C, White = W
Red = 4, Blue = 2, Amber = 8, Green = 3**Accessories:****99-M068M00-000** (R4 Flange Bezel, Chrome);**99-M068M01-000** (R4 Flange Bezel, Black);**99-M064M02-000** (R6 Flange Bezel, Chrome);**99-M064M03-000** (R6 Flange Bezel, Black);**99-M067M00-000** (R7 Flange Bezel, Chrome);**99-M067M01-000** (R7 Flange Bezel, Black);**99-M066M00-000** (R9 Flange Bezel, Chrome);**99-M066M02-000** (R9 Flange Bezel, Black);**99-M064M01-000** (R6 Flange Bezel for 4 Lighthouses, Vertical, Chrome);**99-M064M06-000** (R6 Flange Bezel for 4 Lighthouses, Vertical, Black);**99-M064M05-000** (R6 Flange Bezel for 3 Lighthouses, Vertical, Chrome);**99-M064M07-000** (R6 Flange Bezel for 3 Lighthouses, Vertical, Black);**99-M064M00-000** (R6 Headlight Mounting Kit for ATI & KD Housings, Chrome);

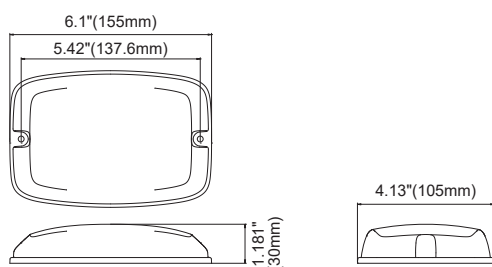
DIMENSIONS

Surface mount w/o flange bezel

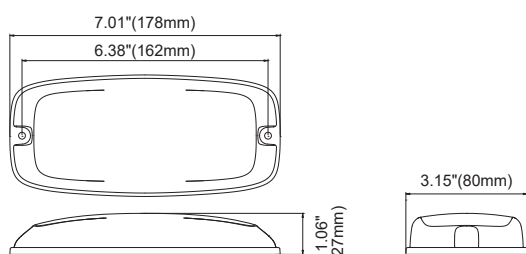
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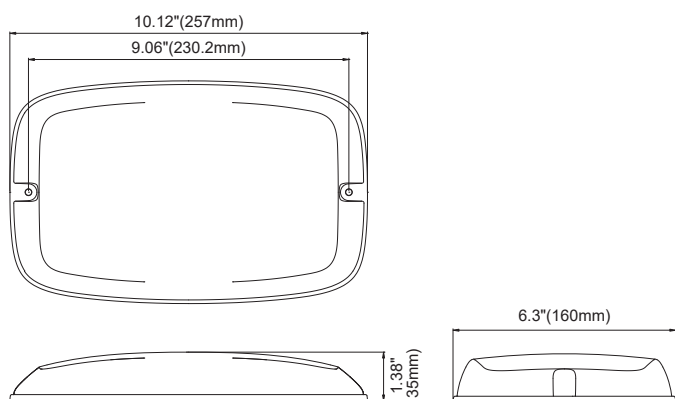
R6 :



R7 :

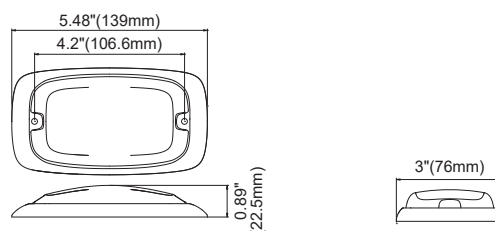


R9 :

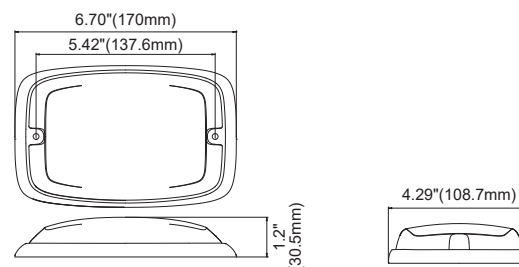


Surface mount w/ flange bezel

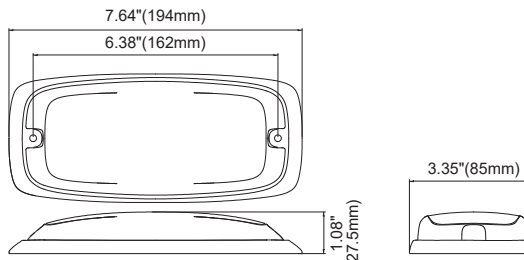
R4 :



R6 :



R7 :



R9 :

