

# FireRay® LED

## Exterior Mount Perimeter Light



### FEATURES

- Available in 4x3, 6x4, 7x3, and 9x7 models
- Warning lights, brake/tail/turn, arrow, backup, and scene lights are available
- Warning models include steady burn pattern that can be connected to an external flasher or multiplex system
- Low power feature decreases warning lights to 40% of normal power
- LED colors available in Amber, Blue, Red, or White
- Lens colors available in Amber, Blue, Red, or Clear
- Available in single-, dual-, and split-color\*
- (13) selectable flash patterns and 4 flashing modes: full flash, left/right split flash, top/bottom split flash, and criss-cross split flash
- Surface mounts with or without a bezel. Fits industry standard bolt patterns
- Synchronize or alternate up to (8) units
- Optional Black or Chrome bezels sold separately
- NFPA compliant for upper and lower level requirements
- Five-year warranty

\*Split-color models available in 4x3 size only

### APPROVALS

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Warning<br/>SAE J845 Class 1<br/>SAE J595<br/>CCR Title 13<br/>NFPA 1901<br/>GSA KKK-A-1822F</li> </ul> | <ul style="list-style-type: none"> <li>• Taillight<br/>SAE J2040</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Backup<br/>SAE J593</li> </ul>  | <ul style="list-style-type: none"> <li>• Scene lights:<br/>GSA KKK-A 1822F<br/>NTEA/AMD standard<br/>024</li> </ul> |
| <ul style="list-style-type: none"> <li>• Brake/Turn/Arrow<br/>SAE J2261</li> </ul>   | <ul style="list-style-type: none"> <li>• IP67 Rated for<br/>protection against<br/>dust and water</li> </ul>        |

### FireRay® LED Perimeter Lights

FireRay® LED perimeter lights offer various lighting options and sizes with a unique that accommodates multiple mounting applications on fire apparatuses, ambulances, work trucks, and police vehicles. The FireRay LED series includes warning lights, brake/tail/turn, arrow, backup, and scene lights with an optional Black or Chrome bezel. Warning lights are available in standard 4x3, 6x4, 7x3, 9x7, and scene lights are available in 6x4, 7x3, and 9x7. Models are available in single-, and dual-color with split-color models available in 4x3 size. Models come with the option of either a clear or colored lens. LED color options include Amber, Blue, Red, or White and lens color options include Amber, Blue, Red, or Clear.

### Certified IP67

FireRay® LED perimeter lights are certified to meet IP67. The Ingress Protection Marking classifies and rates the degree of protection provided against dust and water intrusion. The first digit in IP ratings indicates the level of protection against solids, and the second digit indicates the level of protection against liquids. IP67 certified means that the FireRay is dust-tight, allowing for no dust ingress and can be submerged in up to one meter of water for 30 minutes.



FireRay LED perimeter lights are IP67 certified to protect against dust and water

**FireRay LED Brake/Tail/Turn Application**

Brake/tail/turn, backup, and arrow models are available in 6x4 models. Horizontal 4-up and 3-up castings are available and require no special die-cut to the body of the vehicle.



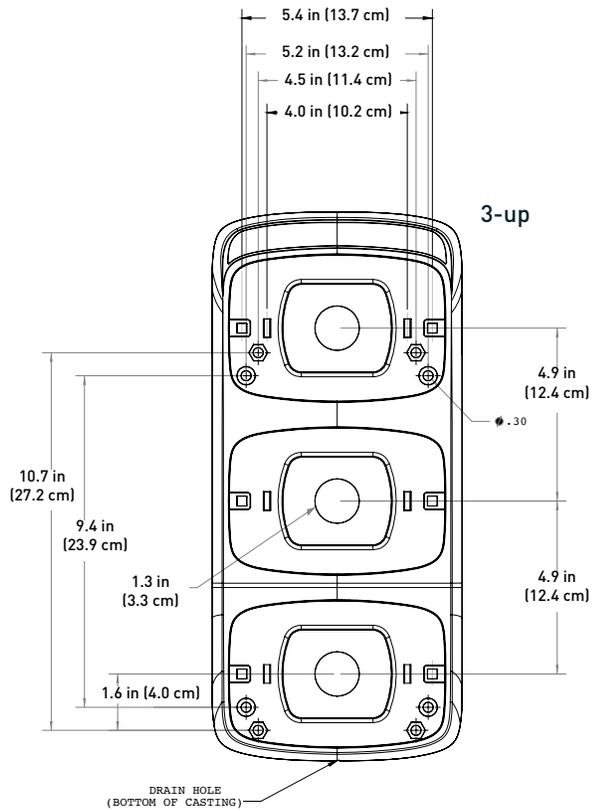
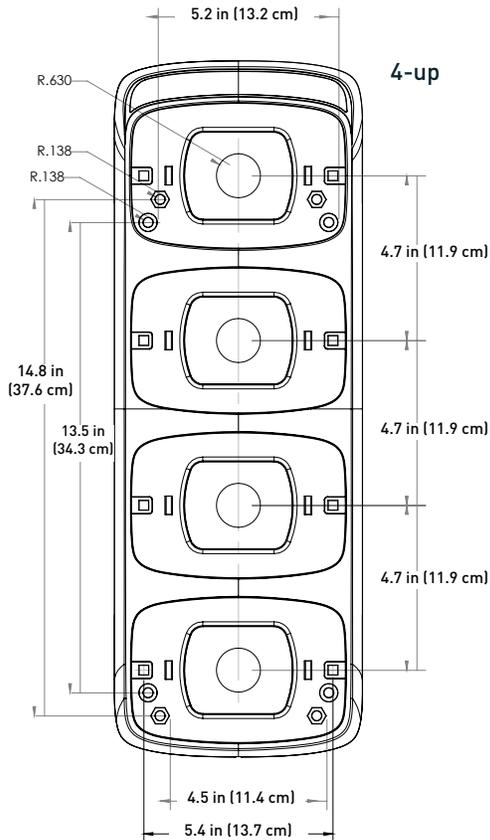
Optional Chrome or Black bezel



9x7 Scene Light

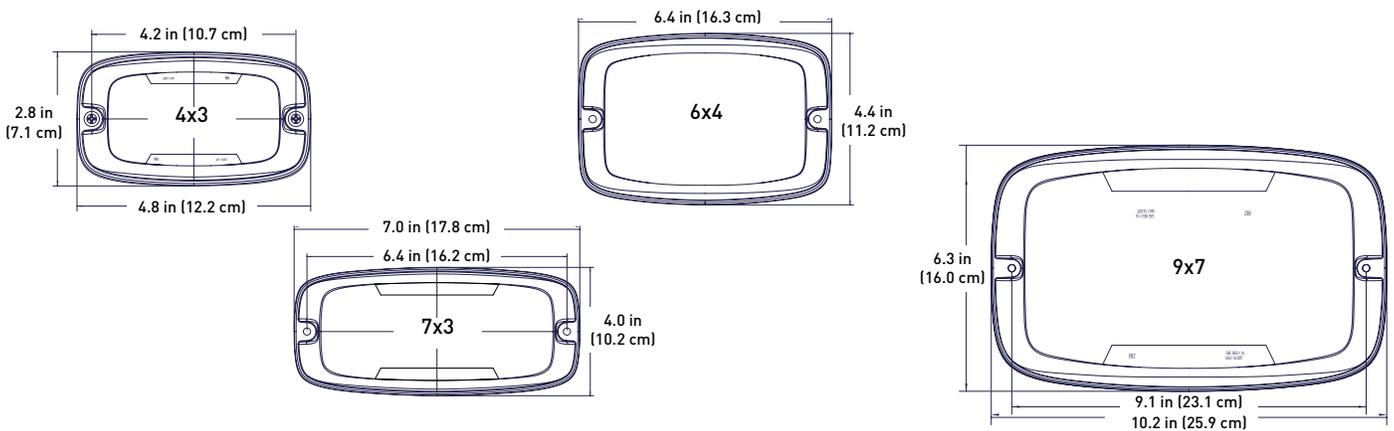
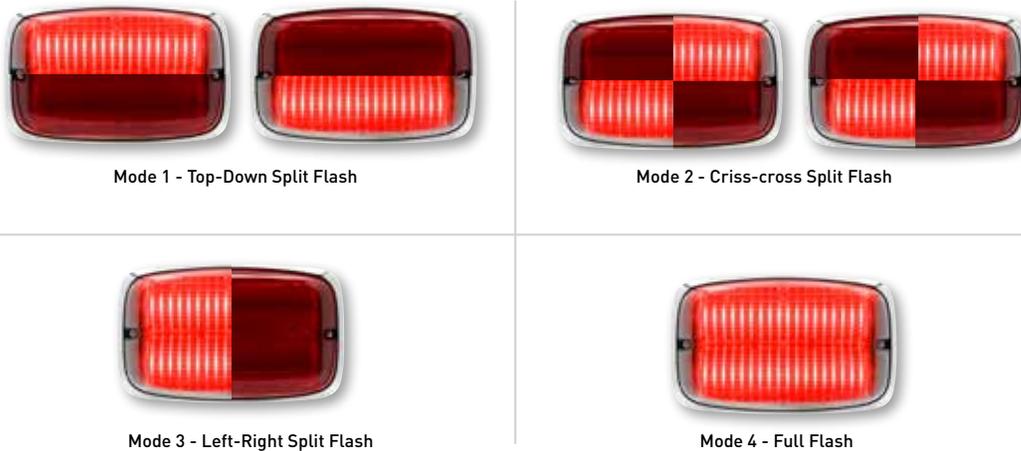


4-Up bezel



### Warning Lights

Warning light models include (13) selectable flash patterns and (4) flashing modes: full flash, left/right split flash, top/bottom split flash, and criss-cross split flash. Warning models include a steady burn pattern that can be hooked up to an external flasher and a low power feature that decreases the light output by 40%. (15) units can be synchronized to flash together or alternate.



## SPECIFICATIONS

	CURRENT DRAW	INPUT VOLTAGE	OPERATING TEMP	PHYSICAL DIMENSIONS (L X W X H)	SHIP WEIGHT
4X3 WARNING LIGHTS	1 A	12 Vdc	-40° to 149° F (-40° to +65° C)	4.8 in x 0.9 in x 2.8 in (12.2 cm x 2.3 cm x 7.1 cm)	0.2 lb (0.8 kg)
6X4 WARNING LIGHTS AND SCENE LIGHTS	1 A	12 Vdc	-40° to 149° F (-40° to +65° C)	6.4 in x 1.3 in x 4.4 in (16.3 cm x 3.3 cm x 11.2 cm)	0.3 lb (0.1 kg)
6X4 ARROW	1 A	12 Vdc	-40° to 149° F (-40° to +65° C)	6.4 in x 1.3 in x 4.4 in (16.3 cm x 3.3 cm x 11.2 cm)	0.3 lb (0.1 kg)
6X4 BACKUP	1A	12 Vdc	-40° to 149° F (-40° to +65° C)	6.4 in x 1.3 in x 4.4 in (16.3 cm x 3.3 cm x 11.2 cm)	0.3 lb (0.1 kg)
7X3 WARNING LIGHTS AND SCENE LIGHTS	1 A	12 Vdc	-40° to 149° F (-40° to +65° C)	7.0 in x 1.1 in x 4.0 in (17.8 cm x 2.8 cm x 10.2 cm)	0.3 lb (0.1 kg)
9X7 WARNING LIGHTS	2 A	12 Vdc	-40° to 149° F (-40° to +65° C)	10.2 in x 1.4 in x 6.3 in (25.9 cm x 3.6 cm x 16.0 cm)	0.7 lb (0.3 kg)
9X7 SCENE LIGHTS	5.7 A	12 Vdc	-40° to 149° F (-40° to +65° C)	10.8 in x 2.2 in x 6.5 in (27.4 cm x 5.6 cm 16.5 cm)	1.8 lb (0.8 kg)

## HOW TO ORDER

LED Color				Lens Color			
A	B	R	W	A	B	R	C

### 4X3 MODELS

FR4C-A	Clear lens, Amber LED
FR4C-AW	Clear lens, Amber/White split LED
FR4MC	Trim bezel, Chrome
FR4MB	Trim bezel, Black

### 6X4 MODELS

FR6R1-R	Red lens, Red LED
FR6B1-B	Blue lens, Blue LED
FR6A1-A	Amber lens, Amber LED
FR6C1-R	Clear lens, Red LED
FR6C1-B	Clear lens, Blue LED
FR6C1-A	Clear lens, Amber LED
FR6C1-W	Clear lens, White LED
FR6C2-RW	Clear lens, Red/White dual-color LED
FR6C2-BW	Clear lens, Blue/White dual-color LED
FR6C2-AW	Clear lens, Amber/White dual-color LED
FR6C2-RB	Clear lens, Red/Blue dual-color LED
FR6C2-RA	Clear lens, Red/Amber dual-color LED
FR6C2-BA	Clear lens, Blue/Amber dual-color LED
FR6LEDSCENE	Scene light, Clear lens
FR6-BACKUP	Backup light, Clear lens
FR6-BTT	Brake/Tail/Turn, Red lens, Red LED
FR6-ARROW	Arrow, Amber lens, Amber LED
FR6MC	Trim bezel, Chrome
FR6MB	Trim bezel, Black
FR6MC4V	4-position Vertical casting, Chrome
FR6MB4V	4-position Vertical casting, Black
FR6MHL	Headlight mount kit
FR6MC3V	3-position vertical casting, Chrome
FR6-A4HMC	Mounting kit to convert FireRay LED 6x4 to fit in QuadraFlare mounting holes

### 7X3 MODELS

FR7R1-R	Red lens, Red LED
FR7A1-A	Amber lens, Amber LED
FR7C1-R	Clear lens, Red LED
FR7C1-B	Clear lens, Blue LED
FR7C1-A	Clear lens, Amber LED
FR7C1-W	Clear lens, White LED
FR7C2-RW	Clear lens, Red/White dual-color LED
FR7C2-BW	Clear lens, Blue/White dual-color LED
FR7C2-AW	Clear lens, Amber/White dual-color LED
FR7C2-RB	Clear lens, Red/Blue dual-color LED
FR7C2-BA	Clear lens, Blue/Amber dual-color LED
FR7LEDSCENE	Scene light, Clear lens
FR7MC	Trim bezel, Chrome
FR7MB	Trim bezel, Black
FR7-A4HMC	Mounting kit to convert FireRay LED 7x3 to fit in QuadraFlare 7x3 mounting holes

### 9X7 MODELS

FR9R1-R	Red lens, Red LED
FR9B1-B	Blue lens, Blue LED
FR9A1-A	Amber lens, Amber LED
FR9C1-R	Clear lens, Red LED
FR9C1-B	Clear lens, Blue LED
FR9C1-A	Clear lens, Amber LED
FR9C1-W	Clear lens, White LED
FR9C2-RW	Clear lens, Red/White dual-color LED
FR9C2-BW	Clear lens, Blue/White dual-color LED
FR9C2-AW	Clear lens, Amber/White dual-color LED
FR9C2-RB	Clear lens, Red/Blue dual-color LED
FR9LEDSCENE	Scene light, Clear lens
FR9MC	Trim bezel, Chrome
FR9MB	Trim bezel, Black
FR9MCSCENE	Trim bezel, Scene light, Chrome
FR9MBSCENE	Trim bezel, Scene light, Black
FR9-A4HMC	Mounting kit to convert FireRay LED 9x7 to fit in QuadraFlare mounting holes

