

Federal Signal announces the release of the new FireRay® LED Perimeter Lights.

FireRay LED Perimeter Lights

The FireRay LED perimeter lights offer a variety of lighting options and sizes with a unique new look that accommodates multiple mounting applications on fire apparatus, ambulances, work trucks, and police vehicles. The FireRay series includes warning lights, brake/tail/turn, arrow, back-up, and scene lights with an optional black or chrome bezel. Warning lights are available in standard 4x3, 6x4, 7x3 and 9x7. Scene lights are available in 6x4, 7x3 and 9x7. Models are available in single and split-color with the option of either a clear or colored lens. LED color options include Amber, Blue, Green, Red or White and lens color options include Amber, Blue, Red or Clear.



Warning Lights

Warning light models include 13 selectable flash patterns and four 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%. Fifteen units can be synchronized to flash together or alternate.

FireRay Brake/Tail/Turn Application

Brake/tail/turn, back-up 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.

FEATURES

- IP67 Rated for protection against dust and water
- Available in 4x3, 6x4, 7x3, and 9x7 models
- Warning lights, brake/tail/turn, arrow, back-up, 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, Green, Red or White
- Lens colors available in Amber, Blue, Red or Clear
- Available in single and split color with clear or colored lens
- 13 selectable flash patterns and four flash modes: full flash, left/right split flash, top/bottom split flash, and criss-cross split flash
- Optional bezels available in Chrome or Black
- Surface mounts with or without a bezel. Fits industry standard bolt patterns
- Synchronize or alternate up to 15 units
- Five-year LED warranty

APPROVALS

- Warning lights: SAE J745 and J595, CA Title 13, NFPA, and KKK
- Back-up lights: SAE J593
- Brake/Turn/Arrow light: SAE J2261
- Scene lights: AMD standard 024 and GSA KKK-A 1822F
- Taillight: SAE J2040



OPTIONAL BEZELS



Optional Chrome or Black bezel



9x7 Scene Light



4-Up bezel

FOUR FLASH MODES



- 1. "Steady-on" for use with an external flasher
- 2. Full Flash



- 3. Left/right split flash



- 4. Top/bottom split flash



- 5. Criss-cross split flash



SPECIFICATIONS

MODEL	Current Draw	Input Voltage	Operating Temp	Physical Dimensions (H x W x D)	Ship Weight
4x3 Warning Lights	Max 1.0 A	12 VDC	-40° C - 65° C	4.8 in x 2.8 in x 0.9 in (12.2 cm x 7.1 cm x 2.3 cm)	0.18 lbs (0.8 kg)
6x4 Warning lights and scene lights	Max 1.0 A	12 VDC	-40° C - 65° C	6.1 in x 5.3 in x 1.2 in (15.5 cm x 13.5 cm x 3.0 cm)	0.26 lbs (0.12 kg)
6x4 Arrow	Max 1.0 A	12 VDC	-40° C - 65° C	6.1 in x 5.3 in x 1.2 in (15.5 cm x 13.5 cm x 3.0 cm)	0.26 lbs (0.12 kg)
6x4 Back-up	Max 1.0 A	12 VDC	-40° C - 65° C	6.1 in x 5.3 in x 1.2 in (15.5 cm x 13.5 cm x 3.0 cm)	0.26 lbs (0.12 kg)
7x3 Warning lights and scene lights	Max 1.0 A	12 VDC	-40° C - 65° C	7.0 in x 4.0 in x 1.1 in (17.8 cm x 10.2 cm x 2.8 cm)	0.30 lbs (0.14 kg)
9x7 Warning lights	Max 2.0 A	12 VDC	-40° C - 65° C	10.2 in x 6.3 in x 1.4 in (25.9 cm x 16.0 cm x 3.6 cm)	0.70 lbs (0.32 kg)
9x7 Scene lights	Max 5.7 A	12 VDC	-40° C - 65° C	10.8 in x 6.5 in x 2.2 in (27.4 cm x 16.5 cm x 5.6 cm)	1.80 lbs (0.82 kg)

HOW TO ORDER

Model #	Description	2017 List Price US\$
FireRay® 4x3		
FR4-R	Red lens, Red LED	\$180.00
FR4-B	Blue lens, Blue LED	180.00
FR4-A	Amber lens, Amber LED	180.00
FR4-G	Green lens, Green LED	200.00
FR4C-R	Clear lens, Red LED	180.00
FR4C-B	Clear lens, Blue LED	180.00
FR4C-A	Clear lens, Amber LED	180.00
FR4C-W	Clear lens, White LED	180.00
FR4C-RW	Clear lens, Red/White split	180.00
FR4C-BW	Clear lens, Blue/White split	180.00
FR4C-AW	Clear lens, Amber/White split	180.00
FR4C-RB	Clear lens, Red/Blue split	180.00
FR4C-RA	Clear lens, Red/Amber split	180.00
FR4C-BA	Clear lens, Blue/Amber split	180.00
FR4MC	Trim bezel, Chrome	15.00
FR4MB	Trim bezel, Black	15.00

Model #	Description	2017 List Price US\$
FireRay® 6x4		
FR6-R	Red lens, Red LED	217.00
FR6-B	Blue lens, Blue LED	217.00
FR6-A	Amber lens, Amber LED	217.00
FR6-G	Green lens, Green LED	237.00
FR6C-R	Clear lens, Red LED	217.00
FR6C-B	Clear lens, Blue LED	217.00
FR6C-A	Clear lens, Amber LED	217.00
FR6C-W	Clear lens, White LED	217.00
FR6C-RW	Clear lens, Red/White	217.00
FR6C-BW	Clear lens, Blue/White	217.00
FR6C-AW	Clear lens, Amber/White	217.00
FR6C-RB	Clear lens, Red/Blue split	217.00
FR6C-RA	Clear lens, Red/Amber split	217.00
FR6C-BA	Clear lens, Blue/Amber split	217.00
FR6LEDSCENE	Scene light, Clear lens	370.00
FR6-BACKUP	Back-up light, Clear lens	211.00



Model #	Description	2017 List Price US\$
FireRay® 6x4 cont.		
FR6-BTT	Brake/tail/turn, Red lens, Red LED	158.00
FR6C-BTT	Brake/tail/turn, Clear lens, Red LED	158.00
FR6-ARROW	Arrow, Amber lens, Amber LED	145.00
FR6MC	Trim bezel, Chrome	15.00
FR6MB	Trim bezel, Black	15.00
FR6MC4V	4-position Vertical casting, Chrome	190.00
FR6MB4V	4-position Vertical casting, Black	190.00
FR6MHL	Headlight mount kit	48.00
FireRay® 7x3		
FR7-R	Red lens, Red LED	215.00
FR7-B	Blue lens, Blue LED	215.00
FR7-A	Amber lens, Amber LED	215.00
FR7-G	Green lens, Green LED	235.00
FR7C-R	Clear lens, Red LED	215.00
FR7C-B	Clear lens, Blue LED	215.00
FR7C-A	Clear lens, Amber LED	215.00
FR7C-W	Clear lens, White LED	215.00
FR7C-RW	Clear lens, Red/White split	215.00
FR7C-BW	Clear lens, Blue/White split	215.00
FR7C-AW	Clear lens, Amber/White split	215.00
FR7C-RB	Clear lens, Red/Blue split	215.00
FR7C-RA	Clear lens, Red/Amber split	215.00
FR7C-BA	Clear lens, Blue/Amber split	215.00
FR7LEDSCENE	Scene light, Clear lens	370.00
FR7MC	Trim bezel, Chrome	20.00
FR7MB	Trim bezel, Black	20.00

Model #	Description	2017 List Price US\$
FireRay® 9x7		
FR9-R	Red lens, Red LED	325.00
FR9-B	Blue lens, Blue LED	325.00
FR9-A	Amber lens, Amber LED	325.00
FR9-G	Green lens, Green LED	345.00
FR9C-R	Clear lens, Red LED	325.00
FR9C-B	Clear lens, Blue LED	325.00
FR9C-A	Clear lens, Amber LED	325.00
FR9C-W	Clear lens, White LED	325.00
FR9C-G	Clear lens, Green LED	345.00
FR9C-RW	Clear lens, Red/White split	325.00
FR9C-RB	Clear lens, Red/Blue split	325.00
FR9C-RA	Clear lens, Red/Amber split	325.00
FR9C-BA	Clear lens, Blue/Amber split	325.00
FR9C-BW	Clear lens, Blue/White split	325.00
FR9C-AW	Clear lens, Amber/White split	325.00
FR9LEDSCENE	Scene light, Clear lens	525.00
FR9-BTT	Brake/tail/turn, Red lens, Red LED	354.00
FR9-BACKUP	Back-up, Clear lens, White LED	411.00
FR9-ARROW	Arrow, Amber lens, Amber LED	390.00
FR9MC	Trim bezel, Chrome	20.00
FR9MB	Trim bezel, Black	20.00
FR9MCSCENE	Trim bezel, Scene light, Chrome	20.00
FR9MBSCENE	Trim bezel, Scene light, Black	20.00

AVAILABILITY

Orders for FireRay LED Perimeter Lights can be processed now. Initial deliveries of the FireRay will begin in late June 2017.