



► QuadraFlare® | Exterior Mount / Perimeter Lights

FEATURES

- Advanced Solaris LED reflector technology.
- Available in 4x3, 6x4, 7x3, and 9x7 models.
- 9x7 models feature unique Quad-X patterns.
- LEDs available in Amber, Blue, Green, Red or White.
- Available with built-in flasher featuring a variety of selectable patterns.
- Optional chrome-plated trim bezel.
- Surpasses NFPA and GSA K-spec compliant upper and lower level requirements.
- Brake/Tail/Turn, Turn Arrow and Back-up light models available in 6x4.
- Five-year warranty.

APPROVALS

- QuadraFlare 4x3, 6x4, 7x3, and 9x7 lights: NFPA 1901, GSA K-spec
- SAE J595, Class 1
- Brake/Tail/Turn/Back-up lights: FMVSS-108, SAE J2040, SAE 2261, and SAE J593
- CAC Title 13 (certain flash patterns)

QuadraFlare 4x3, 6x4, 7x3 and 9x7 Lights

Federal Signal QuadraFlare LED lights are designed with the Solaris® LED reflector technology for superior off-axis lighting. These LED exterior lights are engineered to surpass NFPA and GSA Triple-K specifications for upper and lower level requirements and carry a five-year LED warranty.

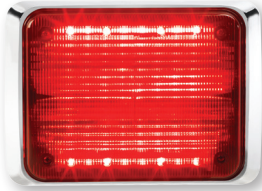
QuadraFlares are available in 4x3, 6x4, 7x3, and 9x7 standard models. Therefore, no special die-cut is required to the body of your fire truck, ambulance or work truck. Models are available with an optional chrome-plated trim bezel for a traditional finish. All models offer a built-in flasher featuring a variety of selectable patterns. In addition, the 9x7 models feature unique Quad-X patterns for attention-getting warning.

QuadraFlare Brake/Tail/Turn/Back-up Lights

These assemblies house Federal Signal's 6x4 QuadraFlares. QuadraFlares are designed with the Solaris® LED reflector technology for superior off-axis lighting. The exterior LED lights are available in 3-position vertical, 3-position horizontal, and 4-position vertical chrome-plated castings. No special die-cut is required to the body of your fire truck or ambulance. All LEDs carry a five-year warranty.

Five Pattern Arrangements In One Model!

QuadraFlare LED perimeter lights contain a built-in flasher and maybe used with an external flasher or multiplex system by using a “steady on” pattern. Solaris reflectors and our unique software configuration provide a variety of flash patterns and functionality. The unique quad reflector design allows for horizontal, vertical and our unique X-Quad flash patterns.



1. “Steady-on” may apply external flasher (all QuadraFlare styles)

2. Full Flash (all QuadraFlare styles)



3. Vertical flash pattern (6x4 and 9x7 styles)



4. Horizontal flash pattern (all QuadraFlare styles)



4. Quad-X flash pattern (9x7 style only)



SPECIFICATIONS

Specifications

Model Family	Current Draw*	Input Voltage	Operating Temperature	Physical Specifications H x W x L	Ship Weight
All QL64 Models	Max 2.0A	12.8 VDC	-40°C-+65°C	4.2 in x 6.6 in x 1.5 in (10.7 cm x 16.7 cm x 3.8 cm)**	1.8 lbs (0.8 kg)
All QL73 Models	Max 2.0A	12.8 VDC	-40°C-+65°C	7.4 in x 3.2 in x 1.7 in (18.7 cm x 8.0 cm x 4.3 cm)**	1.0 lbs (0.5 kg)
All QL97 Models	Max 4.0A	12.8 VDC	-40°C-+65°C	7.2 in x 9.2 in x 1.7 in (18.3 cm x 23.4 cm x 4.3 cm)**	2.0 lbs (0.9 kg)
QL64Z3V-LED	Max 2.5A	12.8 VDC	-40°C-+65°C	15.1 in x 7.4 in x 1.6 in (38.4 cm x 18.8 cm x 4.1 cm)	11.0 lbs (5.0 kg)
QL64Z3V-Left/Right	Max 2.5A	12.8 VDC	-40°C-+65°C	15.1 in x 7.4 in x 1.6 in (38.4 cm x 18.8 cm x 1.6 cm)	11.0 lbs (5.0 kg)
QL643H-LED	Max 2.5A	12.8 VDC	-40°C-+65°C	5.0 in x 22.3 in x 1.6 in (12.7 cm x 56.6 cm x 4.1 cm)	11.0 lbs (5.0 kg)
QL643H-Left/Right	Max 2.5A	12.8 VDC	-40°C-+65°C	5.0 in x 22.3 in x 1.6 in (12.7 cm x 56.6 cm x 4.1 cm)	11.0 lbs (5.0 kg)
QL64Z4V-LED	Max 4.0A	12.8 VDC	-40°C-+65°C	19.6 in x 7.4 in x 1.6 in (49.8 cm x 18.8 cm x 4.1 cm)	12.5 lbs (5.7 kg)
QL64Z4V-Left/Right	Max 4.0A	12.8 VDC	-40°C-+65°C	19.6 in x 7.4 in x 1.6 in (49.8 cm x 18.8 cm x 4.1 cm)	12.5 lbs (5.7 kg)
All QL43 models	Max 2.0A	12 VDC	-30°C-+80°C	3.1 in x 4.9 in x 1.7 in (7.9 cm x 12.4 cm x 4.3 cm)	1.0 lbs (0.5 kg)

* Current draw rated at “steady on.” During normal operations, amp draw of flashing lights may be as much as 50% lower than stated amount.

** Without trim bezel.

Select Model

Warning Lights

Model #	LED Color	Lens Color	LED Count	Internal Flasher	Split LED	Dimming
4x3 QuadraFlares						
QL43-(Color)	Amber, Blue, Green	Amber, Blue, Green	12	Yes		Yes
QL43-R	Red	Red	16	Yes		Yes
QL43C-(Color) (Color)	Amber, Blue, Green, Red, White	Clear	12	Yes	Yes	Yes
QL43C-RR	Red	Clear	16	Yes		Yes
6x4 QuadraFlares						
QL64-(color)	amber, blue, green	amber, blue, green	12	YES		YES
QL64-R	red	red	16	YES		YES
QL64C-(color)	amber, blue, white, green	clear	12	YES		YES
QL64C-RR	red	clear	16	YES		YES
QL64C-(color)(color)	amber, blue, red, white, green	clear	10	YES	YES	YES
7X3 Quadraflares						
QL73XF-(color)	amber, blue, red, green	amber, blue, red, green	8	YES		YES
QL73XFC-(color)	amber, blue, red, white, green	clear	8	YES		YES
QL73SF-(color)(color)*	amber, blue, red, green	amber, blue, red, clear, green	8	YES	YES	YES
QL73SFC-(color)(color)	amber, blue, red, white, green	clear	8	YES	YES	YES
9x7 Quadraflares						
QL97XF-(color)	amber, blue, red, green	amber, blue, red, green	16	YES		YES
QL97XFC-(color)	amber, blue, red, white, green	clear	16	YES		YES
QL97SF-(color)(color)*	amber, blue, red, green	amber, blue, red, clear, green	16	YES	YES	YES
QL97SFC-(color)(color)	amber, blue, red, white, green	clear	16		YES	YES

Brake / Tail / Turn / Backup / LED warning lights

Model #	LED Description	Lens Color
QL64-BTT	Brake/Tail/Turn, red LED	red
QL64-ARROW	Turn Arrow, amber LED	amber
QL64-TURN	Turn light, amber LED	amber
QL64-BACKUP	Backup light, white LED	clear
QL64Z3V-(LEFT or RIGHT)	Installed QL64-BTT, QL64-ARROW, QL64-BACKUP	red/amber,clear
QL64Z3V-LED	Installed QL64-BTT, QL64-TURN, QL64-BACKUP	red/amber,clear
QL64Z3H-(LEFT or RIGHT)	Installed QL64-BTT, QL64-ARROW, QL64-BACKUP	red/amber,clear
QL64Z3H-LED(LEFT or RIGHT)	Installed QL64-BTT, QL64-TURN, QL64-BACKUP	red/amber,clear
QL64Z4V-(LEFT or RIGHT)	Installed QL64-BTT, QL64-ARROW, QL64-BACKUP, QL64-R	red/amber,clear,red
QL64Z4V-LED	Installed QL64-BTT, QL64-TURN, QL64-BACKUP, QL64-R	red/amber,clear,red

Mounting Options

Model #	LED Description	Size
QL43MC	Trim Bezel, chrome, gasket	4" x 3"
QL64MC	Trim Bezel, chrome, gasket	6" x 4"
QL64MB	Trim Bezel, black, gasket	6" x 4"
QL64MHL	Headlight mount kit	6" x 4"
QL97MC	Trim Bezel, chrome, gasket	9" x 7"
QL97MB	Trim Bezel, black, gasket	9" x 7"
QL73MC	Trim Bezel, chrome, gasket	7" x 3"
QL73MB	Trim Bezel, black, gasket	7" x 3"
QL64Z3V	3 position, vertical casting, gasket, hardware only	6" x 4"
QL64Z3H	3 position, horizontal casting, gasket, hardware only	6" x 4"
QL64Z3V	4 position, vertical casting, gasket, hardware only	6" x 4"

* Single color split LEDs. Example: red/red LEDs, red lens.



QuadraFlare and Solaris are trademarks of Federal Signal Corporation.

©2016 Federal Signal Corporation. M4190 I 816