

TRAFFIC CLEARING LIGHTS



425100-43



TCLF-BM



TCLF-FM

Available in LED or halogen with multiple color configurations, Federal Signal traffic clearing lights provide intense auxiliary warning power.

Federal Signal's family of traffic clearing lights creates unmistakable visibility for emergency vehicles. To fulfill the specialized requirements of today's wide variety of emergency vehicles, a broad selection of models with various technologies is available.

DELTA RAY LED

To enhance the life of the product and to keep the vehicle's current draw to a minimum, each Delta Ray traffic clearing light houses (84) Gen I LEDs that are potted to protect the interior components from harsh exterior conditions. The cast aluminum trim ring withstands the toughest of conditions and further helps to protect the components of the product while light is distributed through the prescription lens.

Each Delta Ray comes with (12) user-selectable flash patterns that can be selected via (2) programming pins on the PC board. Also, each unit can be mounted both vertically or horizontally to fit any application.

The Delta Ray is perfect for front and rear warning on fire apparatus as well as rear warning on ambulances where it can be mounted to illuminate through the rear patient windows.

Also, to enhance mature vehicles within your fleet, the Delta Ray TCL is completely surface mount and retrofits directly over the classic Federal Signal CrossFire halogen traffic clearing light.

HALOGEN TCLS

Combining the best of both the conventional "Wig-Wag" and "Figure 8" lights, Federal Signal halogen traffic clearing lights oscillate both horizontally and then vertically in a modified sine wave pattern resembling the letter "M". During each cycle, the light beam dips below the horizontal plane, striking vehicles in close proximity.

The TCLF-FM has a stainless steel trim ring and mounting hardware for installation in recess mount applications. Model TCLF-BM has a stainless steel enclosure, trim ring, and an adjustable bracket designed to mount on any flat surface. Lenses for these lights are available in amber, blue, clear, and red.

Federal Signal's family of traffic clearing lights has been designed to offer maximum visibility for emergency vehicles. When used in conjunction with other warning lights, these lights supply increased warning power and an added sense of urgency.

QUICK REFERENCE

FEATURES

- LED and halogen versions available.
- Delta Ray TCL offers (12) distinct flash patterns.
- Delta Ray TCL retrofits over Federal Signal Crossfire mounting hole.
- Classic halogen TCL lights feature a unique oscillation cycle to effectively clear traffic.

APPLICATIONS

- Fire apparatus
- EMS vehicles
- Utility trucks
- Snowplows

REPLACEMENT PARTS

Delta Ray TCL lens	Z8614007A
Delta Ray TCL trim ring	Z8614006A
TCLF lamp	Z8107141A
TCLF lens, clear	Z8431D037A
TCLF lens, blue	Z8431D037A-01
TCLF lens, amber	Z8431D037A-02
TCLF lens, red	Z8431D037A-03

REPLACEMENT

- Delta Ray LED Visor Lights
Bulletin #4160
- ModLED™ LED Warning Lights
Bulletin #4301
- Cuda TriOptic™ LED Lighting
Bulletin #4170
- FireRay™ Warning Lights
Bulletin #4106
- SignalMaster™ Directional Lighting Systems
Bulletin #3114

HOW TO ORDER

1. Specify a model.

425100-22	LED Delta Ray TCL, (12) flash patterns, surface mount, amber/amber
425100-33	LED Delta Ray TCL, (12) flash patterns, surface mount, blue/blue
425100-44	LED Delta Ray TCL, (12) flash patterns, surface mount, red/red
425100-42	LED Delta Ray TCL, (12) flash patterns, surface mount, red/amber
425100-43	LED Delta Ray TCL, (12) flash patterns, surface mount, red/blue
TCLF-BM	Halogen TCL, bumper mount, with adjustable mounting bracket
TCLF-FM	Halogen TCL, flush mount, with stainless steel mounting ring

2. Specify lens color for TCLF models: red, blue, amber, or clear.

DIMENSIONS

Model	Height		Length		Depth		Ship Weight	
	in.	cm.	in.	cm.	in.	cm.	lbs.	kg.
TCLF-BM	4.5	11.4	5.8	14.6	5.3	3.5	2.8	1.3
TCLF-FM	5.8	14.6	7.0	17.8	5.3	3.5	2.5	1.1
425100	6.9	17.5	12.4	31.5	0.9	2.3	3.0	1.4

SPECIFICATIONS

Model	Current Draw	Input Voltage	Operating Temperature
425100-22	2.3 amps	12.8	-30°C to 65°C
425100-33	2.6 amps	12.8	-30°C to 65°C
425100-44	2.3 amps	12.8	-30°C to 65°C
425100-42	2.3 amps	12.8	-30°C to 65°C
425100-43	2.5 amps	12.8	-30°C to 65°C
All TCLF	4.0 amps	12.8	-30°C to 65°C



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Emergency Products

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