FEDERAL SIGNAL

DynaFlare®

Perimeter Lights



FEATURES

- Low profile, perimeter light
- Single-, dual, and tri-color capability
- Amber, Blue, Green, Red, and White
- Lights can be programmed to flash, steady override, dim and cruise
- Available in multiple lengths to fit popular first responder vehicles
- Fully sealed with optically clear potting material
- Suitable for exterior and interior mounting locations
- Multi-voltage, 12/24 Vdc
- 5-Year warranty

APPROVALS

- SAE J595, Class 1
- SAE J845, Class 1 (Amber, Blue, Red, and White)
- CCR Title 13
- NFPA 1900
- IP68
- IP69K

FS TECHNOLOGIES

SpectraLux® Solaris® ROC® Convergence Network FSJoin®

DynaFlare® is a low-profile, tri-color, programmable perimeter light available in one-, two-, three-, four-, five-, and six-foot lengths. Each one-foot light head contains four Individually programmable positions with high-power LEDs. Each light position may be individually programmed through our FS Convergence Network software.

DynaFlare is also available with a smoked lens. The dark tinted polycarbonate lens makes this model the optimal choice for undercover applications.

Built to stand up to harsh conditions

DynaFlare is fully sealed with patent-pending, optically clear potting material to protect against harsh conditions. The potting material provides a barrier against moisture, condensation, dust, chemicals, shock, and vibration. The potting material is encapsulated in a polycarbonate, water resistant housing. For additional protection, the extrusion is aluminum to offer stability in the harsh conditions.

The DynaFlare perimeter light is built with a waterproof connector to provide a simple installation. As well as a secure and sealed connection, effectively preventing damage and significantly reducing the risk of failure. Each DynaFlare module comes with a 16-foot cable to allow for easy installation.

FSJoin® Compatible

DynaFlare models are FSJoin® compatible. FSJoin is a programming compatibility feature of Federal Signal's light bars and exterior/ interior warning lights that work in conjunction with a Convergence Network siren or controller. When using FSJoin products, the Convergence Network siren/light controller controls all of the vehicle's warning light flash patterns, dimming feature, and light head syncing/alternating patterns.

ASSEMBLED IN THE USA

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HOW TO ORDER

6-FOOT MODELS	
DR6-AGW	(1) Amber/Green/White, Clear lens
DR6-BAW	(1) Blue/Amber/White, Clear lens
DR6-RAW	(1) Red/Amber/White, Clear lens
DR6-RBA	(1) Red/Blue/Amber, Clear lens
DR6-RBW	(1) Red/Blue/White, Clear lens
DR6-RBW-SMK	(1) Red/Blue/White, Smoked Lens
DR6-RGW	(1) Red/Green/White, Clear lens
5-FOOT MODELS	
DR5-AGW	(1) Amber/Green/White, Clear lens
DR5-BAW	(1) Blue/Amber/White, Clear lens
DR5-RAW	(1) Red/Amber/White, Clear lens
DR5-RBA	(1) Red/Blue/Amber, Clear lens
DR5-RBW	(1) Red/Blue/White, Clear lens
DR5-RBW-SMK	(1) Red/Blue/White, Smoked Lens
DR5-RGW	(1) Red/Green/White, Clear lens
4-FOOT MODELS	
DR4-AGW	(1) Amber/Green/White, Clear lens
DR4-BAW	(1) Blue/Amber/White, Clear lens
DR4-RAW	(1) Red/Amber/White, Clear lens
DR4-RBA	(1) Red/Blue/Amber, Clear lens
DR4-RBW	(1) Red/Blue/White, Clear lens
DR4-RBW-SMK	(1) Red/Blue/White, Smoked Lens
DR4-RGW	(1) Red/Green/White, Clear lens
3-FOOT MODELS	
DR3-AGW	(1) Amber/Green/White, Clear lens
DR3-BAW	(1) Blue/Amber/White, Clear lens
DR3-RAW	(1) Red/Amber/White, Clear lens
DR3-RBA	(1) Red/Blue/Amber, Clear lens
DR3-RBW	(1) Red/Blue/White, Clear lens
DR3-RBW-SMK	(1) Red/Blue/White, Smoked Lens
DR3-RGW	(1) Red/Green/White, Clear lens
2-FOOT MODELS	
DR2-AGW	(1) Amber/Green/White, Clear lens
DR2-BAW	(1) Blue/Amber/White, Clear lens
DR2-RAW	(1) Red/Amber/White, Clear lens
DR2-RBA	(1) Red/Blue/Amber, Clear lens
DR2-RBW	(1) Red/Blue/White, Clear lens
DR2-RBW-SMK	(1) Red/Blue/White, Smoked Lens
DR2-RGW	(1) Red/Green/White, Clear lens
1-FOOT MODELS	
DR1-AGW	(1) Amber/Green/White, Clear lens
DR1-BAW	(1) Blue/Amber/White, Clear lens
DR1-RAW	(1) Red/Amber/White, Clear lens
DR1-RBA	(1) Red/Blue/Amber, Clear lens
DR1-RBW	(1) Red/Blue/White, Clear lens
DR1-RBW-SMK	(1) Red/Blue/White, Smoked Lens
DR1-RGW	(1) Red/Green/White, Clear lens

RUNNING BOARD LIGHT ACCESSORIES	
DRBKT-RB-FPIU20B	(1) Bracket kit, 2020-2026 Ford Police Interceptor Utility
DR6BKT-RB-TAH21B	(1) Bracket kit, 2021-2026 Chevrolet Tahoe
DR6BKT-RB-SIL19B	(1) Bracket kit, 2019-2026 Chevrolet Silverado
DR5BKT-RB-DUR15	(1) Bracket kit, 2015-2026 Dodge Durango
DR6BKT-RB-FRD15B	(1) Bracket kit, 2015-2026 Ford F-150
DR6BKT-RB-EXPD25	(1) Bracket kit, 2018-2026 Ford Expedition
DRBKT-RB-UNIV	(1) Bracket kit, Universal application

ACCESSORIES	
CNSM-RBK1	Mount kit for installing CN SignalMaster™ or (1) 2-foot DynaFlare® in Ford Police Utility, 2013-2026, internal use only
CNSM-TAH21	Kit to mount 4-head CN SignalMaster models or (2) 1-foot DynaFlares to grille of Chevrolet Tahoe 2021-2026
CNSM-UM	Universal mount for installing CN SignalMaster or DynaFlare, internal/external use
320310	Kit, bracket, flush mount system
320330	Kit, bracket, system mount
320340	Kit, bracket, universal vehicle mount
320350	Kit, bracket, foot adaptor
SLB-001	Kit, Long L-bracket
SLB-002	Kit, Short L-bracket
DFC-TC-DF3FT-1	(1) 3-foot DynaFlare top-channel, DFC Push bumper, Chevrolet Tahoe, Ford F-150, and Dodge Durango
DFC-TC-DF2FT-1	(1) 2-foot DynaFlare top-channel, DFC Push bumper, Chevrolet Tahoe, Ford F-150, and Dodge Durango
DFC-TC-DF2FT	(1) 2-foot DynaFlare top-channel, for use with DFC Push bumper, Ford Police Interceptor Utility
DRBKT-RW-SIL23	Rear window bracket kit for (1) DR3-, 3-foot DynaFlare light, Chevrolet Silverado, 2023-2026, Not compatible with Rear window slide options
DRBKT-RW-FRD26	Rear window bracket kit for (1) DR3-, 3-foot DynaFlare light, Ford F-150, 2021-2026, Not compatible with Rear window slide options
DRBKT-TB-SIL23	Pair of brackets for each side of Truck Bed use with (2) DynaFlares, Chevrolet Silverado, 2023-2026, Not compatible with truck bed covers
DRBKT-TB-FRD21	Pair of brackets for each side of Truck Bed use with (2) DynaFlares, Ford F-150, 2021-2026, Not compatible with truck bed covers

FEDERAL SIGNAL

SPECIFICATIONS

	1-FOOT	2-FOOT	3-FOOT	4-FOOT	5-FOOT	6-FOOT
VOLTAGE	12/24 Vdc					
CURRENT DRAW (STEADY BURN)	2 A (max)	4 A (max)	5 A (max)	7 A (max)	8 A (max)	10 A (max)
OPERATING TEMP.	-40° to 176°F (-40° to 80°C)					
PHYSICAL SPECIFICATIONS						
LENGTH	13.5 in (34.3 cm)	25.7 (65.3 cm)	37.9 in (96.3 cm)	50 in (127 cm)	62.3 in (158.1 cm)	74.5 in (189.2 cm)
WIDTH	1.1 in (2.7 cm)					
HEIGHT	2.1 in (5.4 cm)					
SHIP WEIGHT						
	2.5 lb (1.3 kg)	5.1 lb (2.3 kg)	6.3 lb (2.9 kg)	7.4 lb (3.4 kg)	8.1 lb (3.7 kg)	9.3 (4.2 kg)

RECOMMENDED DYNAFLARE® CHART

DynaFlare® perimeter lights are sold individually. For installation of DynaFlare lights on both the driver side and passenger side running board locations, order (2) DynaFlare perimeter lights and (2) vehicle-specific bracket kits.

VEHICLE	RECOMMENDED PART NUMBER	DESCRIPTION
FORD POLICE INTERCEPTOR UTILITY	DRBKT-RB-FPIU20B	Brackets, 2020-2026 Ford Police Interceptor Utility
	DR6-(Color/Color/Color)	6-foot DynaFlare Running Board, Tri-Color
	DR5-Color/Color/Color)	5-foot DynaFlare Running Board, Tri-Color
FORD F-150	DR6BKT-RB-FRD15B	Brackets, 2015-2026 Ford F-150
	DR6-(Color/Color/Color)	6-foot DynaFlare Running Board, Tri-Color
FORD EXPEDITION	DR6BKT-RB-EXPD25	Brackets, 2018-2026 Ford Expedition
	DR6-(Color/Color/Color)	6-foot DynaFlare Running Board, Tri-Color
CHEVROLET TAHOE	DR6BKT-RB-TAH21B	Brackets, 2021-2026 Chevrolet Tahoe
	DR6-(Color/Color/Color)	6-foot DynaFlare Running Board, Tri-Color
CHEVROLET SILVERADO	DR6BKT-RB-SIL19B	Brackets, 2019-2026 Chevrolet Silverado
	DR6-(Color/Color/Color)	6-foot DynaFlare Running Board, Tri-Color
CHEVROLET BLAZER EV	CNSM-UM	Multi-vehicle mount for installing (1) DynaFlare, Chevrolet Blazer EV
	DR5-(Color/Color/Color)	5-Foot DynaFlare running board, Tri-color
DODGE DURANGO	DR5BKT-RB-DUR15	Brackets, 2015-2026 Dodge Durango
	DR5-(Color/Color/Color)	5-foot DynaFlare Running Board, Tri-Color
UNIVERSAL	DRBKT-RB-UNIV	Universal L Bracket
	DR6-(Color/Color/Color)	6-foot DynaFlare Running Board, Tri-Color
	DR5-(Color/Color/Color)	5-foot DynaFlare Running Board, Tri-Color

COMPLIANCE CHART

MODEL	LED COLOR	SAE CLASS 1	SAE CLASS 2	CCR TITLE 13
DynaFlare® Clear Lens	Amber	✓		✓
DynaFlare Clear Lens	Blue	✓		✓
DynaFlare Clear Lens	Green			
DynaFlare Clear Lens	Red	✓		✓
DynaFlare Clear Lens	White	✓		
DynaFlare Smoked Lens	Blue		✓	✓
DynaFlare Smoked Lens	Red	✓		
DynaFlare Smoked Lens	White		✓	

NFPA 1900 COMPLIANCE CHART

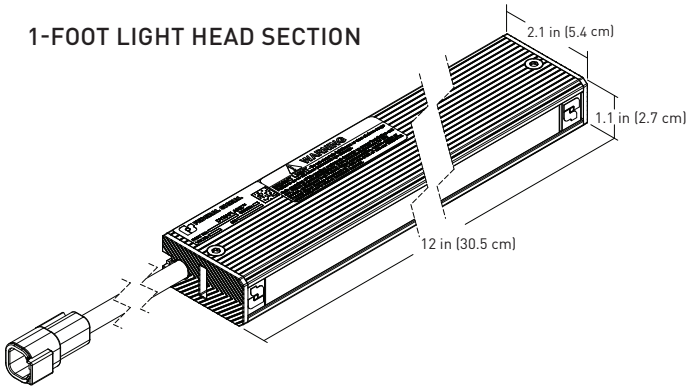
**Chart indicates the 1-foot DynaFlare units needed in each zone to comply with NFPA 1900 Compliance requirements*

		CALLING				BLOCKING		
		Red	Blue	Amber	White	Red	Blue	Amber
A	Upper	2	4	N/A	2	2	2	2
B	Upper	2	2	2	2	2	2	2
C	Upper	2	2	2	N/A	2	3	2
D	Upper	2	2	2	2	2	2	2
A	Lower	2	2	N/A	2	2	2	2
B	Lower	2	2	2	2	2	2	2
C	Lower	2	2	2	N/A	2	2	2
D	Lower	2	2	2	2	2	2	2

DYNAFLARE®



1-FOOT LIGHT HEAD SECTION



WARRANTY 5 YEARS

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