FEDERAL SIGNAL

DYNAFLARE®

ENSURE OPTIMAL VISIBILITY AT ANY DISTANCE



DynaFlare® is a low-profile, tri-color perimeter light designed for maximum visibility and customization. Available in five- and six-foot lengths, each twelve-inch light head includes four high-power, individually programmable LED positions via FS Convergence software. Fully encapsulated with a patent-pending optically clear potting material, DynaFlare prevents condensation and water ingress for reliable performance in harsh environments.

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
- Fully sealed with optically clear potting material – IP68 and IP69K
- Suitable for exterior and interior mounting locations
- Multi-voltage, 12/24 Vdc
- Five-year warranty

APPROVALS

- SAE J595, Class 1
- SAE J845, Class 1
- CCR Title 13
- IP68
- IP69K

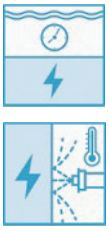
SpectraLux® Solaris® ROC® Convergence Network FSJoin®

DYNAFLARE®

DynaFlare® is dual certificated with both IP68 and IP69K ratings. By securing these certifications, DynaFlare sets a new benchmark for toughness, ensuring reliability across a wide spectrum of real world scenarios. This achievement reinforces our commitment to engineering products that exceed expectations and deliver safety and durability where it matters the most. The patent-pending, optically clear, potting material allows it to withstand dust and water, while maintaining resilience against high-pressure industrial jets.

These ratings are the highest standard on the ingress protection (IP) rating scale.
The IP rating system is defined in international standard IEC 605029 - **IP ratings grade the resistance of an enclosure against the intrusion of dust or liquids.**

Ingress Protection (IP) Ratings

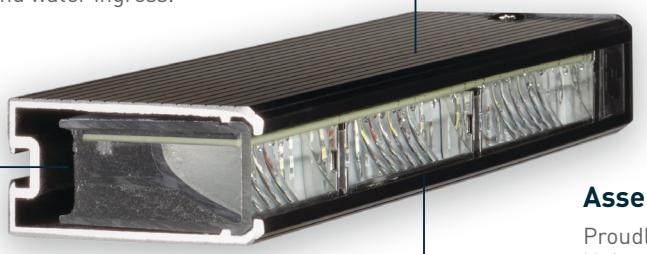


- **IP68** Certified dust tight and resistant to continuous immersion in water beyond 1 meter (for 30 minutes)
- **IP69K** Certified dust tight and resistant to high-pressure, high-temperature water jets (up to 80 °C, 80–100 bar)

IP Rating	Dust Protection	Water Protection
IP68	Dust tight	Continuous immersion beyond 1 meter for 30 minutes
IP69K	Dust tight	High-pressure, high-temperature water jets (up to 80 °C)

Fully Encapsulated for Superior Moisture Protection
IP68 and IP69K certified. Patent-pending, optically clear potting material prevents condensation and water ingress.

Corrosion Resistant
Black anodized extrusion



Assembled in USA
Proudly assembled in University Park, IL

Solaris® LED Reflector Technology
SAE J595 Class 1
SAEJ845 Class 1
CCR Title 13

SpectraLux® Tri-color Functionality
Each light head consists of three colors

FSJoin®
Each light head consists of four independently programmable positions