

PARTICIPATING ADDENDUM

NASPO ValuePoint

For Public Safety Vehicle Lights, Sirens, & Accessories

Between the State of Minnesota and Federal Signal Corporation

NASPO ValuePoint Contract No. 264789

State of Minnesota Contract No. 269194

1. **Scope.** Minnesota and Cooperative Purchasing Venture Program members, as defined in the attached Minnesota Exhibit A, may purchase the products and/or services available in the Participating Addendum. The Participating Addendum is not a purchase order, nor does it guarantee any purchases will be made.
2. **Changes.** The additional terms and conditions contained in Minnesota Exhibit A, which is attached and made part of the Participating Addendum, are hereby incorporated by reference. In the event of a conflict between the terms contained within Minnesota Exhibit A and the NASPO ValuePoint Master Agreement, Minnesota Exhibit A shall prevail. The parties agree that this provision of the Participating Addendum supersedes the Standard Contract Terms and Conditions set forth in the NASPO ValuePoint Master Agreement. In the event that any provision of the Participating Addendum or NASPO ValuePoint Master Price Agreement is contrary to Minnesota law, such provision shall be null and void. The Participating Addendum shall be governed by Minnesota law.

No price adjustments are allowed unless approved by the Lead State for the NASPO ValuePoint Master Agreement and adopted by the State of Minnesota through a fully executed Participating Addendum amendment.

3. **Authorized Representative:**

3.1 The State's Authorized Representative is Paul Thomas, 50 Sherburne Avenue, Saint Paul, MN 55155, 651-201-2462, or his/her successor or delegate, and has the responsibility to monitor the Contractor's performance.

3.2 Contractor's Authorized Representative. The Contractor's Authorized Representative is Kim Horvat at the following business address and telephone number: 1333 Butterfield Road, Suite 500, Downers Grove, IL 60515, or his/her successor. If the Contractor's Authorized Representative changes at any time during this Contract, the Contractor must immediately notify the State.

4. **Contractor's Duties.** The Contractor shall perform all duties described in this Contract to the satisfaction of the State.

5. **Representations and Warranties:**

5.1 Under Minn. Stat. §§ 15.061 and 16C.03, subd. 3, and other applicable the State is empowered to engage such assistance as deemed necessary.

5.2 Contractor warrants that it is duly qualified and shall perform its obligations under this Contract in accordance with the commercially reasonable standards of care, skill, and diligence in Contractor's industry, trade, or profession, and in accordance with the specifications set forth in this Contract, to the satisfaction of the State.

5.3 Contractor warrants that it possesses the legal authority to enter into this Contract and that it has taken all actions required by its procedures, by-laws, and applicable laws to exercise that authority, and to lawfully authorize its undersigned signatory to execute this Contract, or any part thereof, and to bind Contractor to its terms.

6. **Time.** The Contractor must comply with all the time requirements described in this Contract. In the performance of this Contract, time is of the essence.

7. **Compensation and Conditions of Payment:**

7.1 **Compensation.** The State will pay for performance by the Contractor under this Contract in accordance with the breakdown of costs as set forth in Exhibit D which is attached and incorporated into this Contract.

7.2 **Conditions of Payment.** All duties performed by the Contractor under this Contract must be performed to the State's satisfaction and in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations including business registration requirements of the Office of the Secretary of State. The Contractor will not receive payment for work found by the State to be unsatisfactory or performed in violation of federal, state, or local law.

8. **Authorized Signature:** The Participating Addendum must be fully and properly executed by an officer or other authorized representative of the responder. If the responder is a corporation, a secretarial certificate or the corporate minutes showing that the signing officer has authority to contractually obligate the corporation should be furnished. Where the corporation has designated an attorney in fact, the power of attorney form should be furnished. If the responder is a partnership, a letter of authorization should be furnished signed by one of the general partners. A sole proprietor must sign the response. Proof of authority of the person signing the response must be furnished upon request.

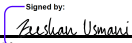
The following documents, in order of precedence, are incorporated herein by reference and constitutes the entire Contract between the Contractor and the State:

- a. The Minnesota Participating Addendum:
 - Exhibit A: Minnesota Terms and Conditions
 - Exhibit B: Insurance Requirements
 - Exhibit C: Specifications, Duties, and Scope of Work
 - Exhibit D: Price and Payment Schedule
- b. The NASPO ValuePoint Master Agreement
- c. The NASPO ValuePoint Solicitation
- d. Response to the NASPO ValuePoint Solicitation

In the event of a conflict in language among any of these documents, the terms and conditions set forth and/or referenced in this Participating Addendum shall prevail over conflicting terms and conditions.

IN WITNESS WHEREOF, the parties have executed the Participating Addendum as of the date of execution by all parties below.

1. Contractor:
Federal Signal Corporation
The Contractor certifies that the appropriate person(s) have executed this Participating Addendum on behalf of the Contractor as required by applicable articles, bylaws, resolutions, or ordinances.

By: 
Signature
Zeeshan Usmani
Printed Name
Title: VP/GM - Public Safety Systems
Date: 8/26/2025

By: _____
Signature

Printed Name
Title: _____
Date: _____

2. Government Entity:
State of Minnesota
Office of State Procurement
In accordance with Minn. Stat. § 16C.03, Subd. 3.

By: 
Signature
Title: Acquisition Management Specialist/Buyer
Date: 9/30/2025

3. State of Minnesota
Commissioner of Administration
Or delegated representative.

By: 
Signature
Date: 9/30/2025

Exhibit A: Minnesota Terms and Conditions

DEFINITIONS.

- a. **CPV Members.** The Cooperative Purchasing Venture (CPV) program was established by Minn. Stat. § 16C.03, subd. 10, which authorizes the commissioner of the Minnesota Department of Administration (Commissioner of Administration) through its Office of State Procurement (OSP) to enter into a cooperative purchasing agreement for the provision of goods, services, and utilities” with one or more governmental units and other entities as described in Minn. Stat. § 471.59, subd. 1 and Minn. Stat. § 16C.03, subd. 10. Based on this authority, the Commissioner of Administration enters into a joint powers agreement that designates OSP as the authorized purchasing agent for the governmental unit or other entity. Governmental units and other entities joining the program are given an access code which identifies them as CPV members and permits them to access the OSP website to get information about commodities and/or services available on the State of Minnesota (State) contracts. Governmental units and other entities who are not members of the CPV program are not authorized to use the contract prices. The Contractor agrees to provide the contract to CPV members at the same prices, terms, conditions, and specifications. For additional information, visit the OSP website at <https://mn.gov/admin/osp/other-purchasers/cpv/>
 - b. **State Agencies.** This term applies only to State agencies and departments, as defined in Minn. Stat. §§ 15.01 and 15.021.
 - c. **Ordering Entity.** This term applies to any State Agency or CPV Member when allowed in the Participating Addendum.
 - d. **State and State of Minnesota.** These two terms apply to the Minnesota Department of Administration, Office of State Procurement (OSP), representing the State of Minnesota as the contracting agency for the Participating Addendum.
 - e. **Contract Vendor and Contractor.** These two terms apply to the awarded vendor from the NASPO ValuePoint Master Agreement that OSP selects to receive a Participating Addendum.
 - f. **Contract.** Contract is defined as the NASPO ValuePoint Master Agreement and the Minnesota Participating Addendum.
- 0. Effective Date and Contract Period.** The Contract shall be effective upon the date of final execution by the State of Minnesota. The Contract term will begin on September 1, 2025, or on the date of Participating Addendum execution, whichever is later, to February 28, 2027, with the option to extend up to thirty-six (36) months, upon agreement by all parties.

1. Prompt Payment and Invoicing.

- 1.1 Prompt Payment. The State will pay the Contractor pursuant to Minn. Stat. § 16A.124, which requires payment within 30 days following receipt of an undisputed invoice, or merchandise or service, whichever is later. Terms requesting payment in less than 30 days will be changed to read “Net 30 days.”
Notwithstanding the foregoing, the State may pay the Contractor in advance for purchases as allowed pursuant to Minn. Stat. §16A.065.

The payment for each order will only be made for goods received or services actually performed that have been accepted by the ordering entity, and meet all terms, conditions, and specifications of the Contract and the ordering document.

- 1.2 Invoicing. The invoice must be in the same format as the sample invoice form approved as Exhibit D, Supplement 1 with the Contract, unless an alternative format is approved in writing by the State Authorized Representative, or delegate. See Exhibit D, Supplement 1 for a list of minimum invoice requirements.

2. Assignment, Amendments, Waiver, and Contract Complete.

- 2.2 Assignment. The Contractor may neither assign nor transfer any rights or obligations under this Contract without the prior consent of the State and a fully executed assignment agreement, executed, and approved by the authorized parties or their successors.
- 2.3 Amendments. Any amendment to this Contract must be in writing and will not be effective until it has been executed and approved by the authorized parties or their successors.
- 2.4 Waiver. If the State fails to enforce any provision of this Contract, that failure does not waive the provision or its right to enforce it.
- 2.5 Contract Complete. This Contract contains all negotiations and agreements between the State and the Contractor. No other understanding regarding this Contract, whether written or oral, may be used to bind either party.

3. Termination.

- 3.1 Termination for Convenience. The State or Commissioner of Administration may cancel this Contract at any time, with or without cause, upon 30 days' written notice to the Contractor. Upon termination for convenience, the Contractor will be entitled to payment, determined on a pro rata basis, for services or goods satisfactorily performed or delivered.
- 3.2 Termination for Breach. If the Contractor fails to perform according to the contract terms and conditions, the State is authorized to immediately cancel the Contract or purchase order, or any portion of it, and may obtain replacement goods or services and charge the difference of costs to the defaulting Contractor. In the event of default, the State reserves the right to pursue any other remedy available by law. A Contractor may be removed from the vendors list, suspended, or debarred from receiving a Contract for failure to comply with terms and conditions of the Contract, or for failure to pay the State for the cost incurred on the defaulted Contract.
- 3.3 Termination for Insufficient Funding. The State may immediately terminate this Contract if it does not obtain funding from the Minnesota Legislature, or other funding source; or if funding cannot be continued at a level sufficient to allow for the payment of the services addressed within this Contract. Termination must be by written notice to the Contractor. The State is not obligated to pay for any services that are provided after notice and effective date of termination. However, the Contractor will be entitled to payment, determined on a pro rata basis, for services satisfactorily performed to the extent that dedicated funds are available. The State will not be assessed any penalty if the Contract is terminated because of the decision of the Minnesota Legislature, or other funding source, not to appropriate funds. The State must provide the Contractor notice of the lack of funding. This notice will be provided within a reasonable time of the State's receiving notice.

4. Force Majeure.

Neither party shall be responsible to the other or considered in default of its obligations within this Contract to the extent that performance of any such obligations is prevented or delayed by acts of God, war, riot, disruption of government, or other catastrophes beyond the reasonable control of the party unless the act or occurrence could have been reasonably foreseen and reasonable action could have been taken to prevent the delay or failure to perform. A party relying on this provision to excuse performance must provide the other party prompt written notice of the inability to perform and take all necessary steps to bring about performance as soon as practicable.

5. Indemnification.

5.1 In the performance of this Contract, the Indemnifying Party must indemnify, save, and hold harmless the State, its agents, and employees, from any claims or causes of action, including attorney's fees incurred by the State, to the extent caused by Indemnifying Party's:

- Intentional, willful, or negligent acts or omissions; or
- Actions that give rise to strict liability; or
- Breach of contract or warranty.

The Indemnifying Party is defined to include the Contractor, Contractor's reseller, any third party that has a business relationship with the Contractor, or Contractor's agents or employees, and to the fullest extent permitted by law. The indemnification obligations of this section do not apply in the event the claim or cause of action is the result of the State's sole negligence. This clause will not be construed to bar any legal remedies the Indemnifying Party may have for the State's failure to fulfill its obligation under this Contract.

5.2 Nothing within this Contract, whether express or implied, shall be deemed to create an obligation on the part of the State to indemnify, defend, hold harmless or release the Indemnifying Party. This shall extend to all agreements related to the subject matter of this Contract, and to all terms subsequently added, without regard to order of precedence.

6. Governing Law, Jurisdiction, and Venue.

Minnesota law, without regard to its choice-of-law provisions, governs this Contract. Venue for all legal proceedings out of this Contract, or its breach, must be in the appropriate state or federal court with competent jurisdiction in Ramsey County, Minnesota.

7. Contract Use by State Agencies.

To the extent applicable, the Contract does not prohibit state agencies from using their delegated purchasing authority to procure similar goods and services from other sources.

8. Warranty.

The Contractor warrants to the ordering entity that materials and equipment furnished under the Contract will be free from defects not inherent in the quality required or permitted, and that the work will conform to the requirements of the contract. Work not conforming to these requirements, including substitutions not properly approved and authorized in writing may be considered defective. The Contractor's warranty excludes remedy for damage or defect caused by abuse, modifications not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If requested, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment used.

All installation materials and labor shall be guaranteed for a period of one (1) year following the date of final acceptance. During the first year following acceptance, the Contractor shall, upon notification by the ordering entity of any malfunctions, make necessary repairs, including labor, travel, and materials, at the Contractor's expense.

9. Original Equipment Manufacturer (OEM Warranty).

The equipment offered must include the OEM standard warranty. The Contractor is responsible for the cost of any inspections, adjustments, warranted parts, and labor charges to repair or replace warranted parts that are a result of equipment failure(s) during the warranty period. This shall be performed promptly unless otherwise mutually agreed in writing by the Customer and the Contractor. This warranty shall commence when the unit is put into service.

9.1 OEM Extended Warranty Options. If the Contractor provides an OEM Extended Warranty Option, the Contractor must provide a copy of the applicable terms and conditions, including a detail of coverage, to the State upon request. The cost of an OEM Extended Warranty must include all associated costs.

9.2 Contractor (Add-On) Warranty Options. The Contractor may provide additional warranty options, which include, but are not limited to travel pickup, or delivery charges that are a result of equipment failure(s) prior to or during the warranty period or extended warranty period. This warranty option shall commence when the unit is put into service and is in addition to OEM warranty options stated above.

10. Cooperative Purchasing Venture (CPV) Members.

The Contract will be available to all CPV members. Minn. Stat. § 16C.03, subd. 10 authorizes the State, acting through its Office of State Procurement, to enter into purchasing agreements with one or more governmental units and other entities allowable by law, as described in Minn. Stat. § 471.59, subd. 1, to exercise jointly the purchasing powers and functions each has individually. This authority is referred to as the Cooperative Purchasing Venture program. For more information, see State website <https://mn.gov/admin/osp/>.

The Contractor agrees to extend the Contract to CPV members at the same prices, terms, conditions, and specifications. With the approval of the Contractor, a CPV member may add additional terms to its ordering document applicable to the CPV member's purchasing activities. Such additional terms shall not modify, diminish, or derogate the terms applicable to the State.

11. Delivery.

Contractor is obligated to deliver within the quoted lead times. If delivery is not made within that time frame, the State reserves the right to deem the Contractor in default.

Contractor must confirm delivery locations and requirements with the ordering entity. Prior to delivery, the Contractor is responsible for confirming in writing with the ordering entity that the delivery location will accommodate unloading the equipment. Contractor must notify the receiving entity at least 72 hours before delivery to allow for inspection and compliance. No delivery can be made on a State Holiday (as defined in Minn. Stat. § 645.44, subd. 5), on Saturday or Sunday, or after 4:00 p.m. Central Time on weekdays, without prior written approval by the receiving entity.

12. Risk of Loss.

The State is relieved of all risks of loss or damage to the goods and equipment during periods of transportation, installation by the Contractor, or while in the possession of the Contractor or its agent.

13. Purchase Orders and Purchasing Cards.

The parties agree that there is a \$50.00 Minimum Order Amount for orders placed by ordering entities in the Contiguous United States and Canada. Furthermore, the parties agree there \$1000.00 Minimum Order Amount for orders placed by ordering entities in Alaska or Hawaii. The Purchase Order number must appear on all documents (e.g., invoices, packing slips, etc.).

The Contractor must accept a purchasing card for order placement in addition to accepting a purchase order, without passing the processing fees for the purchasing card back to the State. The State's single purchase maximum on the Contract is \$5,000 on the purchasing card, but it may be increased with the State's and the Contractor's approval.

14. Equipment Specifications.

All equipment must meet the contract specifications and all federal and State safety codes and regulations in effect at the date of manufacture. All equipment must be Original Equipment Manufacturer (OEM) equipment unless otherwise stated in the contract.

15. Items Offered as New.

All products, materials, supplies, replacement parts, and equipment offered and furnished must be new, of current manufacturer production, and must have been formally announced by the manufacturer as being commercially available, unless otherwise stated in this Contract.

16. Product Changes During the Contract.

All product offered should be available during the initial term of the contract. The Contractor must notify the State's Authorized Representative immediately if the manufacturer discontinues or replaces a contracted model number. A replacement model number must meet the contract specifications. The State is under no obligation to accept a replacement model. Any change to a contracted model number must be confirmed in writing by the State through a written amendment. The State reserves the right to request documentation for any requested change under this section to evaluate how the specifications of the replacement product deviates from the specifications of the replaced product.

17. Product Returns.

17.1 Non-Defective Conforming Product. The Customer may return an unopened, non-defective product conforming to the specifications of an order within 60 calendar days of the invoice date with no additional fees. If the non-defective conforming product is returned within 60 calendar days of the invoice date after it has been opened, the Contractor may charge the Customer a restocking fee of up to 10% of the cost of the product. Return shipping costs to return a non-defective conforming product to the Contractor is the responsibility of the Customer.

17.2 Defective or Non-conforming Product. The Customer may return any product determined by the Customer as defective or not conforming to the specifications, order, or contract, within 60 calendar days of receipt with no restocking or return shipping fee.

The Contractor should provide the Customer with a Return Merchandise Authorization number (RMA) and must arrange for a "call tag" to be issued via a "carrier" to order pick up of the defective or non-conforming product from the Customer. The "carrier" must pick up the defective or non-conforming product at the address to which the product was shipped.

17.2.1 Replacement of Defective or Non-conforming Product. The Customer may request the Contractor provide a replacement product or cancel the order. If the Customer chooses to have the defective or non-conforming product replaced, the Contractor must replace a defective or non-conforming product at no cost to the Customer.

17.2.2 Return of Defective or Non-conforming Product (without replacement). The Customer's account must be credited within fourteen (14) calendar days of arrival of the returned product at the Contractor's location. The amount to be credited must be the equal of the price of the product plus all freight, shipping, handling, or ancillary charges associated with shipment of the product from and return to the shipping location. If, after inspection, the Contractor determines that the product is not defective or non-conforming, the Contractor may bill the Customer for the return shipping charges.

18. Subcontracting and Subcontract Payment.

18.1 Subcontracting Allowed. A subcontractor is a person or company that has been awarded a portion of the Contract by Contractor. Only subcontractors that have been approved by the State's Authorized Representative can be used for this Contract.

After the effective date of the Contract, the Contractor shall not, without prior written approval of the State's Authorized Representative, subcontract for the performance of any of the Contractor's obligations that were not already approved for subcontracting when the Contract was awarded. During this Contract, if an approved subcontractor is determined to be performing unsatisfactorily by the State's Authorized Representative, the Contractor will receive written notification that the subcontractor can no longer be used for this Contract.

The provisions of the Contract shall apply with equal force and effect to all approved subcontractors engaged by the Contractor. Notwithstanding approval by the State, no subcontract shall serve to terminate or in any way affect the primary legal responsibility of the Contractor for timely and satisfactory performances of the obligations contemplated by the Contract.

18.2 Subcontractor Payment. Contractor must pay any subcontractor in accordance with Minn. Stat. § 16A.1245.

19. Data Disclosure.

Under Minn. Stat. § 270C.65, subd. 3 and other applicable law, the Contractor consents to disclosure of its social security number, federal employer tax identification number, and Minnesota tax identification number, already provided to the State, to federal and state agencies, and state personnel involved in the payment of state obligations. These identification numbers may be used in the enforcement of federal and state laws which could result in action requiring the Contractor to file state tax returns, pay delinquent state tax liabilities, if any, or pay other state liabilities.

20. Government Data Practices.

The Contractor and State must comply with the Minnesota Government Data Practices Act, Minn. Stat. Ch. 13, (or, if the State contracting party is part of the Judicial Branch, with the Rules of Public Access to Records of the Judicial Branch promulgated by the Minnesota Supreme Court as the same may be amended from time to time) as it applies to all data provided by the State under this Contract, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Contractor under this Contract. The civil remedies of Minn. Stat. § 13.08 apply to the release of the data governed by the Minnesota Government Practices Act, Minn. Stat. Ch. 13, by either the Contractor or the State.

If the Contractor receives a request to release the data referred to in this clause, the Contractor must immediately notify and consult with the State's Authorized Representative as to how the Contractor should respond to the request. The Contractor's response to the request shall comply with applicable law.

The Contractor agrees to indemnify, save, and hold the State of Minnesota, its agent and employees, harmless from all claims arising out of, resulting from, or in any manner attributable to any violation of any provision of the Minnesota Government Data Practices Act (and where applicable, the Rules of Public Access to Records of the Judicial Branch), including legal fees and disbursements paid or incurred to enforce this provision of the Contract. In the event that the Contractor subcontracts any or all of the work to be performed under the Contract, the Contractor shall retain responsibility under the terms of this article for such work.

21. Intellectual Property Rights.

21.1 Definitions. For the purpose of this Section, the following words and phrases have the assigned definitions:

21.1.1 “Documents” are the originals of any databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, disks, or other materials, whether in tangible or electronic forms, prepared by the Contractor, its employees, agents, or subcontractors, in the performance of this Contract.

21.1.2 “Pre-Existing Intellectual Property” means intellectual property developed prior to or outside the scope of this Contract, and any derivatives of that intellectual property.

21.1.3 “Works” means all inventions, improvements, discoveries (whether or not patentable), databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, and disks conceived, reduced to practice, created or originated by the Contractor, its employees, agents, and subcontractors, either individually or jointly with others in the performance of this Contract. “Works” includes Documents.

21.2 Ownership. The State owns all rights, title, and interest in all of the intellectual property rights, including copyrights, patents, trade secrets, trademarks, and service marks in the Works and Documents created and paid for under this Contract. The Documents shall be the exclusive property of the State and all such Documents must be immediately returned to the State by the Contractor upon completion or cancellation of this Contract. To the extent possible, those Works eligible for copyright protection under the United States Copyright Act will be deemed to be “works made for hire.” The Contractor assigns all right, title, and interest it may have in the Works and the Documents to the State. The Contractor must, at the request of the State, execute all papers and perform all other acts necessary to transfer or record the State’s ownership interest in the Works and Documents.

21.3 Pre-existing Intellectual Property. Each Party shall retain ownership of its respective Pre-Existing Intellectual Property. The Contractor grants the State a perpetual, irrevocable, non-exclusive, royalty free license for Contractor’s Pre-Existing Intellectual Property that are incorporated in the products, materials, equipment, deliverables, or services that are purchased through the Contract.

21.4 Obligations.

21.4.1 Notification. Whenever any invention, improvement, or discovery (whether or not patentable) is made or conceived for the first time or actually or constructively reduced to practice by the Contractor, including its employees and subcontractors, in the performance of this Contract, the Contractor will immediately give the State’s Authorized Representative written notice thereof, and must promptly furnish the State’s Authorized Representative with complete information and/or disclosure thereon.

21.4.2 Representation. The Contractor must perform all acts, and take all steps necessary to ensure that all intellectual property rights in the Works and Documents are the sole property of the State, and that neither Contractor nor its employees, agents, or subcontractors retain any interest in and to the Works and Documents. The Contractor represents and warrants that the Works and Documents do not and will not infringe upon any intellectual property rights of other persons or entities.

21.4.3 Indemnification. Notwithstanding any other indemnification obligations addressed within this Contract, the Contractor will indemnify; defend, to the extent permitted by the Attorney General; and hold harmless the State, at the

Contractor's expense, from any action or claim brought against the State to the extent that it is based on a claim that all or part of the Works or Documents infringe upon the intellectual property rights of others. The Contractor will be responsible for payment of any and all such claims, demands, obligations, liabilities, costs, and damages, including but not limited to, attorney fees. If such a claim or action arises, or in the Contractor's or the State's opinion is likely to arise, the Contractor must, at the State's discretion, either procure for the State the right or license to use the intellectual property rights at issue or replace or modify the allegedly infringing works or documents as necessary and appropriate to obviate the infringement claim. This remedy of the State will be in addition to and not exclusive of other remedies provided by law.

22. Copyright.

The Contractor shall save and hold harmless the State of Minnesota, its officers, agents, servants, and employees, from liability of any kind or nature, arising from the use of any copyrighted or noncopyrighted compositions, secret process, patented or nonpatented invention, article or appliance furnished or used in the performance of the Contract.

23. Assignment of Antitrust Rights.

Upon the request of the State of Minnesota, Contractor will irrevocably assign to State any state or federal antitrust claim or cause of action that the Contractor now has, or which may accrue to the Contractor in the future, in connection with any goods, services, or combination provided by Contractor under the terms of this Contract.

24. Survivability of Orders.

In the event the term of any order or Professional/Technical Services work order ("Order") placed under this Contract extends past the termination or expiration of this Contract, the terms and conditions of this Contract shall remain in full force and effect as it applies to such order and will continue in effect for such order until the term of that order expires or the order is cancelled or terminated in accordance with the terms of this Contract.

25. Contractor's Documents.

Any licensing and maintenance agreement, or any order-specific agreement or document, including any pre-installation, linked or "click through" agreement that is allowed by, referenced within or incorporated within the Contract whenever the Contract is used for a State procurement, whether directly by the Contractor or through a Contractor's agent, subcontractor or reseller, is agreed to only to the extent the terms within any such agreement or document do not conflict with the Contract or applicable Minnesota or Federal law, and only to the extent that the terms do not modify, diminish or derogate the terms of the Contract or create an additional financial obligation to the State. Any such agreement or document must not be construed to deprive the State of its sovereign immunity, or of any legal requirements, prohibitions, protections, exclusions, or limitations of liability applicable to this Contract or afforded to the State by Minnesota law. A State employee's decision to choose "accept" or an equivalent option associated with a "click-through" agreement does not constitute the State's concurrence or acceptance of terms, if such terms are in conflict with this section.

26. State Audits.

Under Minn. Stat. § 16C.05, subd. 5, the Contractor's books, records, documents, and accounting procedures and practices relevant to this Contract are subject to examination by the State, the State Auditor, or Legislative Auditor, as appropriate, for a minimum of six years from the expiration or termination of this Contract.

27. Usage Reports.

Contractor must track and report to the State usage data on this Contract (Usage Reports). Usage Reports should be sent via email to osp.usagereports@state.mn.us. A Usage Report must identify the State Contract Number and provide the following information:

- The total amount of spend under the Contract by the State and other entities,
- The total amount of spend by State agencies, and
- The total amount of spend by other entities (CPV members).

Contractor must send a quarterly Usage Report, or as otherwise requested. Quarters are as follows:

- First Quarter, from July 1 to September 30,
- Second Quarter, from October 1 to December 31,
- Third Quarter, from January 1 to March 31, and
- Fourth Quarter, from April 1 to June 30.

A quarterly Usage Report is due within thirty days of the end of a quarter. A requested Usage Report is due within thirty days from when the request was made. Contractor must provide the State with a final Usage Report within 30 calendar days of the expiration or termination of the Contract. Failure to provide a Usage Report may result in the State cancelling the Contract. This term survives the expiration or termination of the Contract.

28. Diverse Spend Reporting.

If the total value of the Contract may exceed \$500,000, including all extension options, Contractor must track and report, on a quarterly basis, the amount paid to diverse businesses both: 1) directly to subcontractors performing under the Contract, and 2) indirectly to diverse businesses that provide supplies/services to your company (in proportion to the revenue from this Contract compared to Contractor's overall revenue). When this applies, Contractor will register in a free portal to help report the Tier 2 diverse spend, and the requirement continues as long as the Contract is in effect.

29. Publicity and Endorsement.

30.1 Publicity. Any publicity regarding the subject matter of this Contract must identify the State as the sponsoring agency and must not be released without prior written approval from the State's Authorized Representative. For purposes of this provision, publicity includes notices, informational pamphlets, press releases, information posted on corporate or other websites, research, reports, signs, and similar public notices prepared by or for the Contractor individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this Contract.

30.2 Endorsement. The Contractor must not claim that the State endorses its products or services.

30. Debarment by State, its Departments, Commissions, Agencies, or Political Subdivisions.

Contractor certifies that neither it nor its principals is presently debarred or suspended by the Federal government, the State, or any of the State's departments, commissions, agencies, or political subdivisions. Contractor's certification is a material representation upon which the Contract award was based. Contractor shall provide immediate written notice to the State's Authorized Representative if at any time it learns that this certification was erroneous when submitted or becomes erroneous by reason of changed circumstances.

31. Federal Funds.

32.1 Compliance with Federal Requirements. Federal money will be used or may potentially be used to pay for all or part of the goods, construction, or services under the Contract. The Contractor is responsible for compliance with all federal requirements imposed on the funds and accepts full financial responsibility for any requirements imposed by the Contractor's failure to comply with federal requirements.

32.2 Certification regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion. Federal money will be used or may potentially be used to pay for all or part of the work under the Contract, therefore Contractor certifies that it is in compliance with federal requirements on debarment, suspension, ineligibility and voluntary exclusion specified in the solicitation document implementing Executive Order 12549. Contractor's certification is a material representation upon which the Contract award was based.

32. Contingency Fees Prohibited.

Pursuant to Minn. Stat. § 10A.06, no person may act as or employ a lobbyist for compensation that is dependent upon the result or outcome of any legislation or administrative action.

33. Certification of Nondiscrimination (in accordance with Minn. Stat. § 16C.053).

If the value of this Contract, including all extensions, is \$50,000 or more, Contractor certifies it does not engage in and has no present plans to engage in discrimination against Israel, or against persons or entities doing business in Israel, when making decisions related to the operation of the vendor's business. For purposes of this section, "discrimination" includes but is not limited to engaging in refusals to deal, terminating business activities, or other actions that are intended to limit commercial relations with Israel, or persons or entities doing business in Israel, when such actions are taken in a manner that in any way discriminates on the basis of nationality or national origin and is not based on a valid business reason.

34. Non-discrimination (in accordance with Minn. Stat. § 181.59).

The Contractor will comply with the provisions of Minn. Stat. § 181.59.

35. Affirmative Action Requirements

The State intends to carry out its responsibility for requiring affirmative action by its contractors.

36.1 Covered Contracts and Contractors. If the Contract exceeds \$100,000 and the Contractor employed more than 40 full-time employees on a single working day during the previous 12 months in Minnesota or in the state where it has its principal place of business, then the Contractor must comply with the requirements of Minn. Stat. § 363A.36 and Minn. R. 5000.3400-5000.3600.

35.2 General. Minn. R. 5000.3400-5000.3600 implements Minn. Stat. § 363A.36. These rules include, but are not limited to, criteria for contents, approval, and implementation of affirmative action plans; procedures for issuing certificates of compliance and criteria for determining a contractor's compliance status; procedures for addressing deficiencies, sanctions, and notice and hearing; annual compliance reports; procedures for compliance review; and contract consequences for non-compliance. The specific criteria for approval or rejection of an affirmative action plan are contained in various provisions of Minn. R. 5000.3400-5000.3600 including, but not limited to, Minn. R. 5000.3420-5000.3500 and 5000.3552-5000.3559.

35.3 Disabled Workers. The Contractor must comply with the following affirmative action requirements for disabled workers.

AFFIRMATIVE ACTION FOR DISABLED WORKERS

36.3.1 The Contractor must not discriminate against any employee or applicant for employment because of physical or mental disability in regard to any position for which the employee or applicant for employment is qualified. The Contractor agrees to take affirmative action to employ, advance in employment, and otherwise treat qualified disabled persons without discrimination based upon their physical or mental disability in all employment practices such as the following: employment, upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

36.3.2 The Contractor agrees to comply with the rules and relevant orders of the Minnesota Department of Human Rights issued pursuant to the Minnesota Human Rights Act.

36.3.3 In the event of the Contractor's noncompliance with the requirements of this clause, actions for noncompliance may be taken in accordance with Minn. Stat. § 363A.36, and the rules and relevant orders of the Minnesota Department of Human Rights issued pursuant to the Minnesota Human Rights Act.

36.3.4 The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices in a form to be prescribed by the Commissioner. Such notices must state the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified disabled employees and applicants for employment, and the rights of applicants and employees.

36.3.5 The Contractor must notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of Minn. Stat. § 363A.36, of the Minnesota Human Rights Act and is committed to take affirmative action to employ and advance in employment physically and mentally disabled persons.

35.4 Consequences. The consequences for the Contractor's failure to implement its affirmative action plan or make a good faith effort to do so include, but are not limited to, suspension or revocation of a certificate of compliance by the Commissioner, refusal by the Commissioner to approve subsequent plans, and termination of all or part of this Contract by the Commissioner or the State.

35.5 Certification. The Contractor hereby certifies that it is in compliance with the requirements of Minn. Stat. § 363A.36 and Minn. R. 5000.3400-5000.3600 and is aware of the consequences for noncompliance.

36. Equal Pay Certification.

If required by Minn. Stat. §363A.44, the Contractor must have a current Equal Pay Certificate prior to Contract execution. If Contractor's Equal Pay Certificate expires during the term of this Contract, Contractor must promptly re-apply for an Equal Pay Certificate with the Minnesota Department of Human Rights and notify the State's Authorized Representative once the Contractor has received the renewed Equal Pay Certificate. If Contractor claims to be exempt, the State may require Contractor to verify its exempt status.

37. Hazardous Substances.

To the extent that the goods to be supplied to the State by the Contractor contain or may create hazardous substances, harmful physical agents, or infectious agents, as set forth in applicable State and federal laws and regulations, the Contractor must provide the State with Material Safety Data Sheets regarding those substances. A copy must be provided upon request. Goods and containers supplied to the State must be labeled in compliance with state and federal laws, rules, and regulations.

These terms apply to goods supplied under this contract:

37.1 Products Containing Triclosan Banned. The Contractor must comply with Minn. Stat. § 145.945.

37.2 Products Containing Certain Types of Polybrominated Diphenyl Ether Banned. The Contractor must comply with Minn. Stat. § 325E.385-325E.388).

37.3 Coal Tar Sealant Use and Sale Prohibited. The Contractor must comply with Minn. Stat. § 116.202.

37.4 Products Containing Mercury. The Contractor must comply with Minn. Stat. 116.92.

37.5 Products containing PFAS. Amara's Law (Minn. Stat. § 116.943) will take effect in Minnesota January 1, 2025, and applies all products sold or distributed under the contract. The law prohibits the sale or distribution of some products with intentionally added PFAS within Minnesota.

38. IT Accessibility Standard.

Contractor acknowledges and is fully aware that the State of Minnesota (Executive branch state agencies) has developed IT Accessibility Standard effective September 1, 2010. The standard entails, in part, the Web Content Accessibility Guidelines (WCAG) and Section 508 which can be viewed at: <https://mn.gov/mnit/government/policies/accessibility/>.

The Standards apply to web sites, software applications, electronic reports and output documentation, training delivered in electronic formats (including, but not limited to, documents, videos, and webinars), among others. As upgrades are made to the software, products, or subscriptions available through this Contract, the Contractor agrees to develop functionality which supports accessibility. If any issues arise due to nonconformance with the above-mentioned accessibility Standards, the Contractor agrees to provide alternative solutions upon request at no additional charge to the State.

When updates or upgrades are made to the products or services available through this Contract, the Contractor agrees to document how the changes will impact or improve the product's or service's accessibility and usability. This documentation, upon request, must be provided to the State in advance of the change, occurring within an agreed upon timeframe sufficient for the state to review the changes and either approve them or request a remediation plan from the Contractor. Contractor warrants that its Products comply with the above-mentioned accessibility Standards and agrees to indemnify, defend, and hold harmless the State against any claims related to non-compliance of Contractor's Product with the above-mentioned accessibility Standards. If agreed-upon updates fail to improve the product or service's accessibility or usability as planned, the failure to comply with this requirement may be cause for contract cancellation or for the State to consider the Contractor in default.

39. Nonvisual Access Standards.

Pursuant to Minn. Stat. § 16C.145, the Contractor must comply with the following nonvisual technology access standards to the extent required by law:

- That the effective interactive control and use of the technology, including the operating system applications programs, prompts, and format of the data presented, are readily achievable by nonvisual means;
- That the nonvisual access technology must be compatible with information technology used by other individuals with whom the blind or visually impaired individual must interact;
- That nonvisual access technology must be integrated into networks used to share communications among employees, program participants, and the public; and
- That the nonvisual access technology must have the capability of providing equivalent access by nonvisual means to telecommunications or other interconnected network services used by persons who are not blind or visually impaired; and
- Executive branch state agencies subject to Section 16E.03, subdivision 9, are not required to include nonvisual technology access standards developed under this Section in contracts for the procurement of information technology.

These standards do not require the installation of software or peripheral devices used for nonvisual access when the information technology is being used by individuals who are not blind or visually impaired.

40. Supply Chain Security.

Notwithstanding anything else in this Section, this Section does not and shall not limit any other rights of the State under this Contract, including, but not limited to, warranties, acceptance, and return policy, if any.

- 40.1 Security Practices and Preventive Controls. The Contractor will use reasonable commercial efforts to ensure that the Contractor and any subcontractors or third parties involved in assembling, manufacturing, packaging, distributing, handling, warehousing, transporting or shipping State goods, including goods intended to be but not yet delivered to the State, meet all applicable security standards and all applicable local, state, federal, and international laws, rules and regulations (hereinafter “supply chain security”).

Contractor must maintain certification/accreditation in an official supply chain security program and comply with that program’s security standards for all orders sourced from the Contract. Official supply chain security program is defined as one of the following: ISO 28000 or 27036 (as applicable), SAE AS5553 or other SAE standard (as applicable), Customs-Trade Partnership Against Terrorism (C-TPAT), Authorized Economic Operator (AEO), or other program accepted in writing by the State, Office of MN.IT Services (f/k/a Office of Enterprise Technology and d/b/a MN.IT or MN.IT Services)(“MN.IT”) and the State, Department of Administration’s Office of State Procurement (“OSP”). To demonstrate certification/accreditation, Contractor must provide to OSP and MN.IT within one month following the effective date of this Contract or amendment adding this Section, whichever is later, a letter verifying its certification/accreditation in an official supply chain security program. Contractor will promptly notify OSP and MN.IT of any change to its certification/accreditation.

Alternatively, if Contractor is not certified/accredited or loses certification/accreditation, Contractor must complete a MN.IT security form to confirm that it complies with supply chain security. The form will require supporting documentation of any responses and must be completed to MN.IT’s satisfaction.

- 40.2 Notification of Supply Chain Security Breach. Contractor will promptly notify OSP, MN.IT, and the ordering entity, if different from MN.IT, of any breach of supply chain security involving State goods, including goods intended to be but not yet delivered to the State. Breach of supply chain security includes, but is not limited to, cargo theft, tampering, unauthorized access, or other activities that involve suspicious actions or circumstances. Goods received with viruses, malware or similar security deficiencies constitute breach of supply chain security.

- 40.3 Return/Rejection of Goods. Notwithstanding anything to the contrary, if a breach of supply chain security has occurred or the State in good faith suspects a breach may have occurred, including evidence that packaging or goods were tampered with or damaged, the State may reject delivery of those goods or return any of those goods already delivered. Breach of supply chain security has the meaning described in the preceding Subsection “Notification of Supply Chain Security Breach.” Rejection of delivery or return of goods shall be solely the responsibility and at the cost and expense of the Contractor.

The State may sanitize or destroy components of the goods prior to returning the goods to Contractor or instruct Contractor to promptly sanitize or destroy goods upon their return. Following the completion of any such sanitization or destruction, and upon request by MN.IT, the Contractor shall provide a Certificate of Data Destruction/Sanitization that meets the requirements of the then current version of NIST Special Publication 800-88 or DOD 5220.22-M Supplement. The Certificate of Data Destruction/Sanitization must be provided to MN.IT, if requested, within one month following the return of the goods.

At no additional expense to the State, Contractor must provide within a reasonable time frame replacement goods for any goods that were rejected at delivery or returned due to a supply chain security breach. Any costs and expenses associated with removal or replacement of the goods, including sanitization and destruction costs and expenses, will be the responsibility of the Contractor.

41. PCI Language.

All of Contractor’s systems and components that process, store, or transmit Cardholder Data shall comply with the most recent version of the Payment Card Industry Data Security Standard (“**PCI DSS**”) promulgated by the PCI Security Standards Council, available online at: https://www.pcisecuritystandards.org/document_library. The Contractor shall, upon request, provide the State with Contractor’s current Attestation of Compliance signed by a PCI QSA (“Qualified Security Assessor”). For purposes of this sub-section, “Cardholder Data” has the meaning defined by the PCI Security

Standards Council, Payment Card Industry (PCI) Data Security Standard (DSS) and Payment Application Data Security Standard (PA-DSS), **Glossary of Terms, Abbreviations, and Acronyms**, available online at:
https://www.pcisecuritystandards.org/document_library.

42. Survival of Terms.

The following clauses survive the expiration or cancellation of this Contract: Indemnification; State Audits; Government Data Practices; Intellectual Property; Publicity and Endorsement; Governing Law, Jurisdiction, and Venue; and Data Disclosure. Any other Contract term that expressly states or by its nature shall survive, shall survive.

Exhibit B: Insurance Requirements

1. Notice to Contractor.

- 1.1 The Contractor is required to submit Certificates of Insurance acceptable to the State as evidence of insurance coverage requirements prior to commencing work under this Contract.

- 1.2 The Contractor shall not commence work under the contract until they have obtained all the insurance described below and the State has approved such insurance. Contractor shall maintain such insurance in force and effect throughout the term of this Contract, unless otherwise specified in this Contract
- 1.3 The failure of the Contractor to provide a Certificate of Insurance, for the policies required under this Contract or renewals thereof, or failure of the insurance company to notify the State of the cancellation of policies required under this Contract shall not constitute a waiver by the State to the Contractor to provide such insurance.
- 1.4 The State reserves the right to immediately terminate this Contract if the Contractor is not in compliance with the insurance requirements and retains all rights to pursue any legal remedies against the Contractor. All insurance policies must be open to inspection by the State, and copies of policies must be submitted to the State's Authorized Representative upon written request.
- 1.5 If the Contractor uses another entity, including but not limited to a dealer, reseller, or distributor (collectively referred to as "Contractor's reseller") to provide goods or services under this contract, the following terms apply:
 - 1.5.1 Because the Contractor's reseller(s) are independently owned and operated, and maintain their own insurance, the Contractor's reseller's insurance coverage must be evidenced by its own Certificate of Insurance. The Contractor's reseller's Certificate of Insurance must meet all the insurance requirements and limits set forth in the Contract.
 - 1.5.2 The Contractor shall collect, review, approve, and maintain the applicable Certificates of Insurance, including but not limited to General Liability, Auto Liability, Umbrella, Workers' Compensation, and Garagekeepers or Property of Others, for all Contractor's resellers that will be providing goods or services under this contract. The Contractor acknowledges compliance with this provision. The Contractor must provide copies of the dealers' insurance documentation to the State upon request.
 - 1.5.3 If a claim is made against a Contractor's reseller, and the Contractor's reseller's insurance coverage did or does not cover the claim, the Contractor is responsible for the claim because the contract is with the Contractor. The Contractor must pay any uninsured claims out-of-pocket. The State may enforce the indemnity clause in the contract.

2. Notice to Insurer.

- 2.1 The Contractor's insurance company(ies) waives its right to assert the immunity of the State as a defense to any claims made under said insurance.
- 2.2 Insurance certificate holder should be addressed as follows:

State of Minnesota
50 Sherburne Avenue, Room 112
St. Paul, MN 55155

3. Additional Insurance Conditions. The following apply to the Contractor, or the Contractor's subcontractor:

- 3.1 Contractor's policy(ies) shall be primary insurance to any other valid and collectible insurance available to the State with respect to any claim arising out of Contractor's performance under this Contract.
- 3.2 If Contractor receives a cancellation notice from an insurance carrier affording coverage herein, Contractor agrees to notify the State within five (5) business days with a copy of the cancellation notice, unless Contractor's policy(ies) contain a provision that coverage afforded under the policy(ies) will not be cancelled without at least thirty (30) days advance written notice to the State;
- 3.3 Contractor is responsible for payment of Contract related insurance premiums and deductibles;
- 3.4 If Contractor is self-insured, a Certificate of Self-Insurance must be attached;
- 3.5 Contractor's policy(ies) shall include legal defense fees in addition to its policy limits with the exception of professional liability.
- 3.6 Contractor's insurance companies must either (1) have an AM Best rating of A- (minus) and a Financial Size Category of VII or better, and be authorized to do business in the State of Minnesota or (2) be domiciled in the State of Minnesota and have a Certificate of Authority/Compliance from the Minnesota Department of Commerce if they are not rated by AM Best.
- 3.7 An Umbrella or Excess Liability insurance policy may be used to supplement the Contractor's policy limits to satisfy the full policy limits required by the Contract.

4. Coverages. Contractor is required to maintain and furnish satisfactory evidence of the following insurance policies:

- 4.1 **General Liability or Garage Liability Insurance.** The Contractor, or their Subcontractor, shall maintain insurance protecting it from claims for damages for bodily injury, including sickness or disease, death, and for care and loss of services as well as from claims for property damage, including loss of use which may arise from operations under the Contract.

General Liability insurance is required for Contractors, or their Subcontractor, performing warranty or service work on mobile equipment.

Garage Liability insurance is required for Contractors, or their Subcontractor, performing warranty or service work on autos or equipment attached to autos, including vehicles subject to a compulsory or financial responsibility law or other motor vehicle insurance law in the State. Insurance **minimum** limits are as follows:

\$2,000,000 - Per Occurrence
\$2,000,000 - Annual Aggregate
\$2,000,000 - Annual Aggregate applying to Products/Completed Operations

The following coverages shall be included:

- Premises and Operations Bodily Injury and Property Damage
- Personal & Advertising Injury
- Blanket Contractual
- Products and Completed Operations
- **State of Minnesota Named as an Additional Insured**

4.2 Automobile Liability or Garage Liability Insurance. The Contractor, or their Subcontractor, shall maintain insurance to cover liability arising out of the ownership, operation, use, or maintenance of all owned, non-owned and hired automobiles.

Auto Liability insurance is required for Contractors, or their Subcontractor, performing warranty or service work on mobile equipment.

Garage Liability insurance is required for Contractors, or their Subcontractor, performing warranty or service work on autos or equipment attached to autos, including vehicles subject to a compulsory or financial responsibility law or other motor vehicle insurance law in the State.

Insurance minimum limits are as follows: \$2,000,000 - Per Occurrence - Bodily Injury and Property Damage Combined Single Limit

In addition, the following coverages should be included: Owned, Hired, and Non-owned Automobile.

Evidence of Subcontractor insurance shall be filed with the Contractor, or as directed by the State.

4.3 Workers' Compensation Insurance. Statutory Compensation Coverage. Except as provided below, Contractor must provide Workers' Compensation insurance for all its employees and, in case any work is subcontracted, Contractor will require the subcontractor to provide Workers' Compensation insurance in accordance with the statutory requirements of the State, including Coverage B, Employer's Liability. Insurance **minimum** limits are as follows:

\$100,000 – Bodily Injury by Disease per employee

\$500,000 – Bodily Injury by Disease aggregate

\$100,000 – Bodily Injury by Accident

If Minn. Stat. § 176.041 exempts Contractor from Workers' Compensation insurance or if the Contractor has no employees in the State, Contractor must provide a written statement, signed by an authorized representative, indicating the qualifying exemption that excludes Contractor from the Minnesota Workers' Compensation requirements.

If during the course of the contract the Contractor becomes eligible for Workers' Compensation, the Contractor must comply with the Workers' Compensation Insurance requirements herein and provide the State with a certificate of insurance.

4.4 Garagekeepers Liability or Property of Others Insurance or Equivalent. The Contractor, or their Subcontractor, shall maintain insurance to cover loss or damage to Owner's autos or equipment in the care, custody, and control of Contractor, or their Subcontractor, if ANY warranty or service work is performed by the Contractor, or their Subcontractor. The Contractor is solely responsible for the coverage equal to that of the actual cash value of vehicles/mobile equipment in the Contractor, or their Subcontractor's, care, custody and control at any given point in time.

Garagekeepers Liability insurance or equivalent is required for Contractors, or their Subcontractor, performing warranty or service work on autos or equipment attached to autos, including vehicles subject to a compulsory or financial responsibility law or other motor vehicle insurance law in the State.

Property of Others insurance or equivalent is required for Contractors, or their Subcontractor, performing non-warranty service work on state-owned equipment in the Contractor's possession.

Exhibit C: Specifications, Duties, and Scope of Work

Section 1: Duties and Scope of Work

1. SCOPE OF WORK.

The purpose of this contract is to provide Public Safety Vehicle Lights, Sirens, & Accessories, which may be purchased by State Agencies and Cooperative Purchasing Venture (CPV) members on an as needed basis.

2. QUOTE REQUIREMENTS.

The Contractor must respond to an Ordering Entity's request for quote with a written quote per the terms of the Contract within three (3) business days of receipt. All prices quoted must be at the contract price or lower. If there is any inaccurate information in the print-out, the Contractor may make corrections to the print-out in ink. All such corrections must be initialed and dated by the Contractor prior to submitting the print-out with the quote.

3. EQUIPMENT SALES LITERATURE.

Upon request by a State Agency or CPV member, the Contractor must provide equipment sales literature at no cost to the requestor. Equipment sales literature should include items such as, but not limited to, product information, product functionality, and operation instructions.

4. EQUIPMENT ORIENTATION.

Unless the cost of orientation is itemized on the Exhibit D: Price Schedule, the cost of the equipment includes orientation to familiarize the end user on how the vehicle will operate, the mounting and removal of accessories and options, and all operating and safety instruction. The Contractor must provide orientation where the ordering entity takes possession, unless otherwise requested by the ordering entity. Orientation for drop shipped goods may be accomplished via video or other means as approved by the ordering entity.

5. MISCELLANEOUS ITEMS.

State agencies may purchase incidental miscellaneous parts, accessories and labor that is directly related to a specific item(s) included on the Contract. The total cost for these miscellaneous items may not exceed \$5,000.00 for an individual purchase order. If the Customer's entity requires a lower threshold for competitive bidding other than \$5,000.00, they must follow their local entity's requirements. Any purchase order must be issued to the Contractor.

6. RIGHT TO ADD.

During the term of the contract, the State reserves the right to add additional equipment and accessories, upon mutual agreement between the State and the Contractor(s) through a duly executed amendment to the contract.

7. DELAYS.

The Contractor shall notify ordering entity immediately of any prospective delays in the completion of the project. Such notice shall be given in writing as soon as the contractor recognizes the prospect the prospect of delay. The ordering entity will approve such request from the contractor.

8. BILLING REQUIREMENTS.

The Contractor must submit separate detailed invoices for each purchase order to the "bill-to" address as shown on the purchase order.

If requested, the Contractor must submit one copy of the original purchase order issued from the State agency or CPV member and one copy of the final invoice for each transaction against the Contract to the AMS. The invoice must be itemized per the detail in the Manufacturer's Vendor Price Schedule that is submitted with the RFP.

The State will only accept final invoice after the equipment has been delivered, inspected, approved, and accepted including any necessary orientation.

9. INTEREST RATE ON UNPAID BALANCE.

The Contractor may not charge interest on unpaid balances over and above what is allowed in State law. Contractors may not calculate additional interest into the price offered for the equipment to cover expenses on unpaid balances.

10. AUTHORIZED DISTRIBUTORS.

The Contractor may choose to provide all quotes, accept all purchase orders, accept all payments, perform all deliveries, and provide all invoices, or the Contractor may delegate these duties to its authorized distributors. The Contractor is responsible for its authorized distributor's performance. No authorized distributor shall serve to terminate or in any way affect the primary legal responsibility of the Contractor for timely and satisfactory performance of the obligations of the Contract. The State shall not be required to enter into any additional agreement or terms to purchase from any authorized dealer. The terms of this contract shall govern any such purchase.

The Contractor is responsible for collecting, and submitting, all sales reports from their sales and the authorized distributors, and submitting all Administration Fees on invoiced sales whether they have been paid or not.

The Contractor may add and/or delete Authorized Distributors at any time during the Contract term upon request to the State Authorized Representative and mutual agreement by the State, through a duly executed amendment.

Exhibit D: Pricing

1. Contract Pricing.

- 1.1 In General. Prices listed take into consideration all inherent costs of providing the requested goods and services. The Contractor agrees to pay any and all fees, including, but not limited to: duties, custom fees, permits, brokerage fees, licenses and registrations, government taxes, overhead, profit, parking permits, proper disposal of materials, insurance payments. The State will not pay any additional charges beyond the price(s) listed, unless otherwise provided for by law or expressly allowed by the Contract. Prices listed within the Exhibit D: Price Schedule, are maximum prices. These maximum prices shall remain firm for the initial term of the Contract. The Price List may not include any additional terms or conditions. A unit price and a total for the quantity must be stated for each item quoted. Prices must be quoted in United States currency. Any increase to Contract pricing requires a duly executed amendment to this Contract. Contractor may provide lower pricing at its discretion without requiring a duly executed amendment to the Contract.
- 1.2 Discount-off List Pricing. Prices offered for equipment are a percent (%) discount from the Manufacturer’s (Original Equipment Manufacturer – OEM) List Price or Dealer’s List Price. The discount offered must remain firm, and may be increased, during the life of the Contract. After the initial term of the Contract, the manufacturer’s or dealer’s price list may be updated upon mutual agreement by the State and the Contractor through a fully executed amendment.

Product	Vendor Cost from Supplier	Discount-off List Offered	Computation	State Contract Price
XYZ Tablet	\$300.00	3.5%	$\$300.00 - (300 \times 0.035) = \289.50	\$289.50

2. Price Schedule(s).

The following price schedule(s) are hereby attached and incorporated into this Exhibit D as follows:

- Exhibit D: Price Schedule

3. Custom Part Numbers

Ordering entities may purchase custom parts that are directly related to a specific item(s) included on the Contract and may be modified by the ordering entity through a selection of customizable options (e.g., color lights, wiring harnesses, etc.). The total cost for the custom parts must be detailed on the quote and invoice with the percentage off list amount identified from the contract, discounting the total price of the custom part.

4. Prompt Payment Discount.

Contractor offers the following payment discount(s): NET30.

5. Delivery.

Unless otherwise mutually agreed to, in-stock items must be delivered within ten (10) business days after receipt of order and non-stock items must be delivered within twenty-five (25) business days after receipt of order.

6. Transportation.

All deliveries will be F.O.B. destination, freight pre-paid, with all transportation and handling charges paid by the Contractor.

7. Taxes.

Do not add sales tax to the prices being offered. State Agencies hold a Direct Payment Authorization Letter which is used to pay applicable taxes directly to the Department of Revenue. Contractors may go to <http://www.revenue.state.mn.us> to learn about the applicable sales tax (search "Fact Sheet 142").

SECTION 2: CATALOG DISCOUNT OFF LIST %		
Police Price Book		
Vendor Name:	Federal Signal Corporation	
Contact Person Name (Customer Service):	Kim Horvat	
Street Address:	2645 Federal Signal Drive	
P.O. Box:		
City, State, Zip	University Park, IL 60484	
Phone #:	708-534-3400	
Toll Free #:	800-264-3578	
Email Address:	khorvat@federalsignal.com	
Website:	www.fedsig.com	
Spec. Number	Information Requested	Answer
2.1	Catalog Info	
2.1.1	Manufacturer:	Federal Signal Corporation
2.1.2	Pricelist/Catalog Date/Pricelist Catalog ID:	POLICE PRICE BOOK M100-DATED JANUARY 22, 2024
2.2	Percentage Discount- Pricelist/Catalog Pricing	
2.2.1	Discount Off Pricing Listed in Catalog:	45% OFF LIST
2.3	Standard Material Warranty	
2.3.1	Warranty (hours, months, or years):	5 Year Warranty

SECTION 2: CATALOG DISCOUNT OFF LIST %		
Fire Price Book		
Vendor Name:	Federal Signal Corporation	
Contact Person Name (Customer Service):	Kim Horvat	
Street Address:	2645 Federal Signal Drive	
P.O. Box:		
City, State, Zip	University Park, IL 60484	
Phone #:	708-534-3400	
Toll Free #:	800-264-3578	
Email Address:	khorvat@federalsignal.com	
Website:	www.fedsig.com	
Spec. Number	Information Requested	Answer
2.1	<u>Catalog Info</u>	
2.1.1	Manufacturer:	Federal Signal Corporation
2.1.2	Pricelist/Catalog Date/Pricelist Catalog ID:	FIRE PRICE BOOK M130-DATED JANUARY 22, 2024
2.2	<u>Percentage Discount- Pricelist/Catalog Pricing</u>	
2.2.1	Discount Off Pricing Listed in Catalog:	45% OFF LIST
2.3	<u>Standard Material Warranty</u>	
2.3.1	Warranty (hours, months, or years):	5 Year Warranty

SECTION 2: CATALOG DISCOUNT OFF LIST %		
Work Truck Price Book		
Vendor Name:	Federal Signal Corporation	
Contact Person Name (Customer Service):	Kim Horvat	
Street Address:	2645 Federal Signal Drive	
P.O. Box:		
City, State, Zip	University Park, IL 60484	
Phone #:	708-534-3400	
Toll Free #:	800-264-3578	
Email Address:	khorvat@federalsignal.com	
Website:	www.fedsig.com	
Spec. Number	Information Requested	Answer
2.1	Catalog Info	
2.1.1	Manufacturer:	Federal Signal Corporation
2.1.2	Pricelist/Catalog Date/Pricelist Catalog ID:	WORK TRUCK PRICE BOOK M4100-DATED JANUARY 22, 2024
2.2	Percentage Discount- Pricelist/Catalog Pricing	
2.2.1	Discount Off Pricing Listed in Catalog:	45% OFF LIST
2.3	Standard Material Warranty	
2.3.1	Warranty (hours, months, or years):	5 Year Warranty

SECTION 3: QUANTITY PRICE

BREAKS

[illegible]



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SAFETY SIGNALING SOLUTIONS

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THE DRIVING FORCE™**TECHNOLOGY****EXCLUSIVE TO FEDERAL SIGNAL, THESE TECHNOLOGIES ARE IDENTIFIED BELOW.**

Federal Signal is The Driving Force™ behind the technology that provides safe and reliable emergency warning for first responders. It is our commitment to engineer the most reliable and high-performing products for your emergency vehicle.



FS CONVERGENCE NETWORK enables true “plug-and-play” installation and programming.



FSLINK® is an embedded software technology incorporating a shared set of flash patterns within Federal Signal's LED mini-lightbars, beacons, and warning lights. This shared set of flash patterns and a common color-coded, five-conductor cable allows the various products to be wired together, set in a common pattern, and then synchronized together to flash simultaneously or alternately.



FSJOIN™ is a programming compatibility feature of Federal Signal's light bars, exterior/interior warning lights, sirens, and controllers. This technology provides users with a highly customizable visual/audible vehicle warning system.



HOTFOOT® lighted mounting feet accommodate LED takedown and alley lights.



SPECTRALUX® multicolor LED technology provides the ability for a single light head to change color while in operation.



Q-SIREN® The sound of the Q-Siren® is a registered trademark of Federal Signal Corporation, and it provides a distinct, recognizable long-distance warning.



ROC (RELIABLE ONBOARD CIRCUITRY™) technology eliminates approximately 85% of connection failure points found in a typical light bar.



RUMBLER® Ideal for dense urban environments, Rumbler® is a low-frequency siren that works simultaneously with a primary siren tone to penetrate solid material, allowing vehicle operators and nearby pedestrians to feel the sound waves.



SLR (SOLARIS® LED ROTATOR) maximizes the LED light source for full light coverage. SLR rotators provide rotating, oscillating, flashing, and flood light functionality.



SOLARIS® LED reflector technology maximizes optical efficiency and provides superior off-axis warning.



V-SHAPE® light bar is mechanically designed to have a non-linear shape (V-Shape), providing an advantage in terms of off-axis warning performance compared to light bars with a traditional linear shape.



Ask your local Federal Signal Representative how you can experience the latest in lighting and siren systems.

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LIMITED WARRANTY TERMS AND CONDITIONS..... 64**General Notes**

1. All voltage is 12 Vdc unless marked otherwise. Contact the factory for pricing and availability of 24 V models.
2. A copy of the Federal Signal warranty and Terms and Conditions that accompany these products can be found at www.fedsig.com.
3. Most products are available in Amber, Blue, Red and White. Some products are available in Green. Consult product data sheets or contact the factory for more information.
4. Base models of light bars and other configured products are not available without installed options.
5. For detailed information on how to order, consult the product data sheets or contact the factory at 800-264-3578.
6. When installing equipment inside airbag equipped vehicles, the installer must ensure that the equipment is installed only in areas recommended by the vehicle manufacturer.
7. Prices for light bars do not include controls (purchase separately) unless otherwise noted.
8. Pricing subject to change without notice.

Light Bars

Federal Signal

Effective January 22, 2024

Light Bar Feature Comparison

	Vision® SLR	Allegiant® Serial	21" Allegiant®	Integrity®	Valor®	Reliant™
Solaris® LED Reflector Technology	•	•	•	•	•	•
SpectraLux® Multicolor LED	•	•	•	•	•	•
ROC (Reliable Onboard Circuitry™)		•	•	•	•	•
FS Convergence Network	•	•	•	•	•	•
FSJoin™		•	•	•	•	
SLR (Solaris® LED Rotator)	•					
HotFoot®*					•	
Available lengths (inches)	46, 53, 60	45, 53, 61, 70	21	44, 51	44, 51	48
Non-Linear / V-Shape	•				•	
Low-profile		•	•	•	•	•
2-Color Capability	•	•	•	•	•	•
3-Color Capability	•			•	•	
LED Colors	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Red, White
Dome Colors	Amber, Blue, Clear, Green, Red	Amber, Black, Blue, Clear, Gray, Red	Amber, Clear, Gray, Red	Clear	Clear	Blue, Clear, Red
LED Takedown and Alleys	•	•	•	•	•	•
LED SignalMaster™	•	•		•	•	•
Flood Lighting	•	•	•	•	•	•
Dimming	•	•	•	•	•	•
Online Configurator	•	•	•	•	•	
Warranty (years)	5	5	5	5	5	5

* HotFoot is available for use only with standard hook mounts



Valor light bar with optional HotFoot.

Vision® SLR

- Distinctive “V-Shape” provides superior optical warning at critical intersection angles
- SLR rotator optimizes LEDs for a true 360-degree light output
- “Jogging” capability allows user to adjust rotator to illuminate a specific area
- “Aerial view” feature improves ability to see vehicle from a helicopter
- Individual pod replacement for easy servicing
- Optional SignalMaster™ directional light
- Available in 46", 53", and 60" lengths
- LEDs available in single-, dual-, tri-, and quad-color combinations of Amber, Blue, Green, Red and White
- Dome colors are offered in Amber, Blue, Clear and Red
- Five-year warranty



Model	Length	Warning Light Capability	Takedown Lights	Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
VSLR46-2664023	46-inch	Red/White/Blue	Pods 3/5	Pods 3/5	No	•	•	Hook	\$6,464.00
VSLR46-2664017	46-inch	Red/White/Blue	Pods 3/5	Pods 3/5	No	•	No	Hook	6,364.00
VSLR46S-2664014	46-inch	Red/Blue	Pods 3/5	Pods 3/5	•	•	•	Hook	6,869.00
VSLR46S-2664009	46-inch	Red/Blue	Pods 3/5	Pods 3/5	•	•	No	Hook	6,769.00

Notes

- Light bar includes choice of permanent or hook-on mount kit. If ordered separate from light bar, list price for the HKB hook kit is \$95.00
- For common replacement parts, go to www.fedsig.com
- Go to www.fedsig.com to view flash patterns

How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



8-Head LED SignalMaster™

VSLR46-2664023 (with interface module, hook mount)
VSLR46-2664017 (without interface module, hook mount)



8-Head LED SignalMaster™

VSLR46S-2664014 (with interface module, hook mount)
VSLR46S-2664009 (without interface module, hook mount)

The Vision® SLR models shown do not have separate alley lights. White in pods 3 and 5 can be used as alley lights.

Light Bars

Federal Signal

Effective January 22, 2024

Valor®

- Low-profile, non-linear "V-shape" light bar provides 40% more light output at critical intersection angles than a typical low-profile, linear light bar
- Combines effective warning with the tactical benefits of floodlighting capability and can be activated as Left-flood, Right-flood or Full-flood
- Integrated Vortex™ generators for increased fuel efficiency and reduced wind noise
- Integrated SignalMaster™ directional capability
- Valor can be serviced without removal from vehicle roof
- Available in 44" and 51" lengths
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



Online light bar CONFIGURATOR

SpectraLux

Solaris

ROC

Convergence Network

FSJoin

V-Shape lightbar

Hotfoot

44" Valor Models

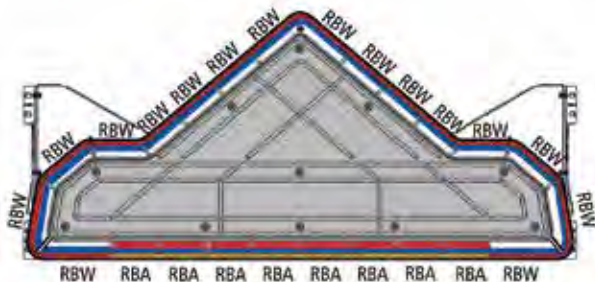
Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
VALR44J-P1BH	44-inch	Red/Blue/White	•	•	•	No	Hook	\$4,595.00
VALR44J-P1BL	44-inch	Red/Blue/White	•	•	•	No	Low Hook	4,595.00
VALR44J-P2BL	44-inch	Blue/White	•	•	•	No	Low Hook	4,595.00
VALR44J-PF3L	44-inch	Red/Blue/White	•	•	•	No	Low Hook	5,285.00



VALR44J-P1BH (without interface module, hook mount)
VALR44J-P1BL (without interface module, low hook mount)



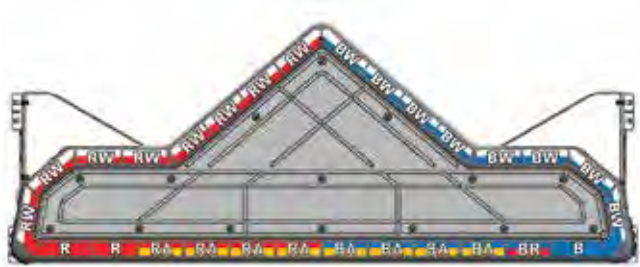
VALR44J-P2BL (without interface module, low hook mount)



VALR44J-PF3L (without interface module, low hook mount)

51" Valor Models

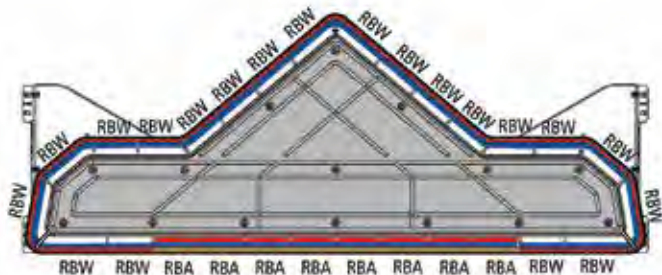
Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
VALR51J-P1BL	51-inch	Red/Blue/White	●	●	●	No	Low Hook	\$5,191.00
VALR51J-P1BH	51-inch	Red/Blue/White	●	●	●	No	Hook	5,191.00
VALR51J-P2BL	51-inch	Blue/White	●	●	●	No	Low Hook	5,191.00
VALR51J-PF3L	51-inch	Red/Blue/White	●	●	●	No	Low Hook	6,071.00



VALR51J-P1BH (without interface module, hook mount)
VALR51J-P1BL (without interface module, low hook mount)



VALR51J-P2BL (without interface module, low hook mount)



VALR51J-PF3L (without interface module, low hook mount)

Note

- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit. If ordered separately from light bar, list price for the HKB hook kit is \$95.00

How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor

Light Bars

Federal Signal

Effective January 22, 2024

Integrity®

- Low-profile, linear LED light bar
- Combines effective warning with the tactical benefits of floodlighting capability
- Integrated SignalMaster™ directional capability
- Integrity can be serviced without removal from the vehicle roof
- Available in 44" and 51" lengths
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



44" Integrity Models

Online light bar CONFIGURATOR

SpectraLux

Solaris

ROC

Convergence Network

FSJoin

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
INTG44J-P2BL	44-inch	Blue/White	•	•	•	No	Low Hook	\$4,090.00
INTG44J-P1BL	44-inch	Red/Blue/White	•	•	•	No	Low Hook	4,090.00
INTG44J-PF3L	44-inch	Red/Blue/White	•	•	•	No	Low Hook	4,690.00



INTG44J-P1BL (without interface module, low hook mount)



INTG44J-P2BL (without interface module, low hook mount)



INTG44J-PF3L (without interface module, low hook mount)

51" Integrity Models

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
INTG51J-P1BL	51-inch	Red/Blue/White	●	●	●	No	Low Hook	\$4,449.00
INTG51J-P2BL	51-inch	Blue/White	●	●	●	No	Low Hook	4,449.00
INTG51J-PF3L	51-inch	Red/Blue/White	●	●	●	No	Low Hook	5,199.00



INTG51J-P1BL (without interface module, low hook mount)



INTG51J-P2BL (without interface module, low hook mount)



INTG51J-PF3L (without interface module, low hook mount)

Note

- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit. If ordered separately from light bar, list price for the HKB hook kit is \$95.00

How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor

Light Bars

Federal Signal

Effective January 22, 2024

Allegiant®

- Low-profile, linear LED light bar
- LEDs available in single- and dual-color combinations of Amber, Blue, Green, Red and White
- Can be serviced without removal from vehicle roof
- Combines effective warning with tactical benefits of flood lighting capability
- Integrated SignalMaster™ directional capability
- 12V models available in 21", 45", 53", 61", and 70" lengths
- 24V models available in 45", 53", 61", and 70" lengths
- Five-year warranty



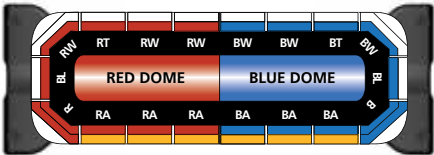
Model	Length	Warning Light Capability	Top Dome Colors	White LED Flood Lights	White LED TD/ Alley Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
ALGT45J-P1LC	45-inch	Red/Blue/White	Clear	●	●	●	No	Low Hook	\$2,874.00
ALGT45J-P1LRB	45-inch	Red/Blue/White	Red/Blue	●	●	●	No	Low Hook	2,874.00
ALGT45J-P2LC	45-inch	Blue/White	Clear	●	●	●	No	Low Hook	2,874.00
ALGT45J-P2LB	45-inch	Blue/White	Blue	●	●	●	No	Low Hook	2,874.00
ALGT53J-P1LC	53-inch	Red/Blue/White	Clear	●	●	●	No	Low Hook	3,136.00
ALGT53J-P2LC	53-inch	Blue/White	Clear	●	●	●	No	Low Hook	3,136.00

Note

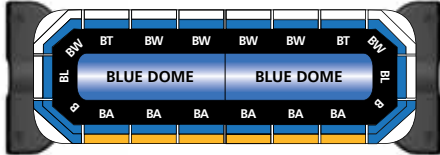
- Light bar includes choice of permanent, hook-on or low-profile hook-on mount kit. If ordered separately from light bar, list price for the HKB hook kit is \$95.00

How to Order

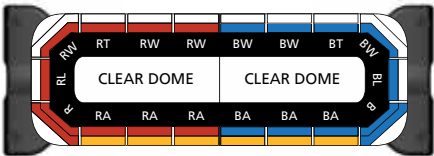
- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



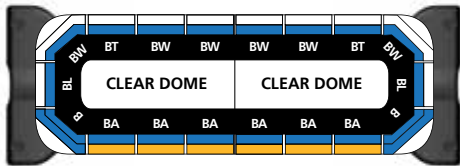
ALGT45J-P1LRB (without interface module, low hook mount)



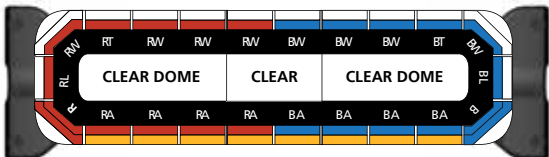
ALGT45J-P2LB (without interface module, low hook mount)



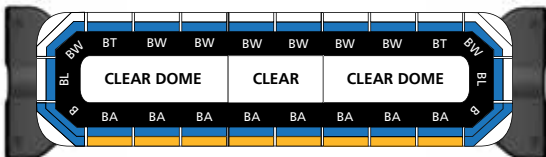
ALGT45J-P1LC (without interface module, low hook mount)



ALGT45J-P2LC (without interface module, low hook mount)



ALGT53J-P1LC (without interface module, low hook mount)



ALGT53J-P2LC (without interface module, low hook mount)

Reliant™



- Low-profile, linear LED light bar
- LEDs available in dual-color combinations of Amber, Blue, Red and White
- Integrated SignalMaster™ directional capability
- Available in 48" length
- FS Convergence Network for "plug-and-play" installation
- Five-year warranty



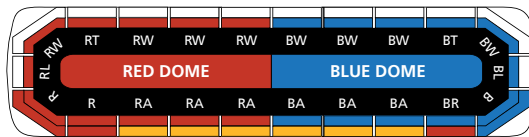
Model	Length	Warning Light Capability	Top Dome Colors	White LED TD Lights	White LED Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Brake Lights	Serial Interface Module	Mount	List Price
RLNT48-P1LRB	48-inch	Red/Blue/White	Red/Blue	positions 2,9	L,L1	•	•	•	No	Low Hook	\$2,099.00
RLNT48-P3LRB	48-inch	Red/Blue/White	Red/Blue	positions 5,6	L,L1	•	•	•	No	Low Hook	2,099.00
RLNT48-P2LB	48-inch	Blue/White	Blue	positions 2,9	L,L1	•	•	•	No	Low Hook	2,099.00
RLNT48-P4LB	48-inch	Blue/White	Blue	positions 5,6	L,L1	•	•	•	No	Low Hook	2,099.00
RLNT48-P1LC	48-inch	Red/Blue/White	Clear	positions 2,9	L,L1	•	•	•	No	Low Hook	2,099.00
RLNT48-P3LC	48-inch	Red/Blue/White	Clear	positions 5,6	L,L1	•	•	•	No	Low Hook	2,099.00
RLNT48-P2LC	48-inch	Blue/White	Clear	positions 2,9	L,L1	•	•	•	No	Low Hook	2,099.00
RLNT48-P4LC	48-inch	Blue/White	Clear	positions 5,6	L,L1	•	•	•	No	Low Hook	2,099.00

Note

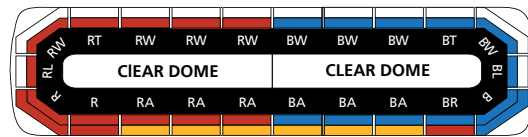
- Light bar includes low-profile hook-on mount kit. If ordered separately from light bar, list price for the HKB hook kit is \$95.00

How to Order

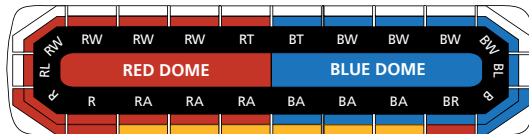
- Choose one of the popular models above



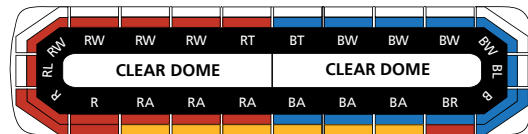
RLNT48-P1LRB
(without interface module, low hook mount)



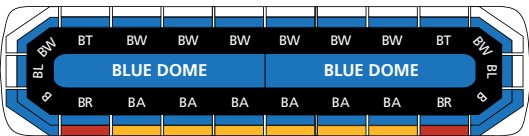
RLNT48-P1LC
(without interface module, low hook mount)



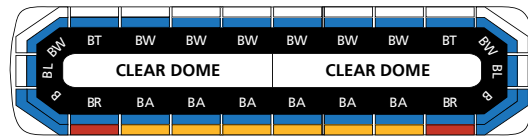
RLNT48-P3LRB
(without interface module, low hook mount)



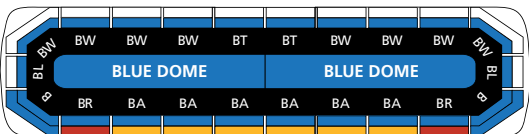
RLNT48-P3LC
(without interface module, low hook mount)



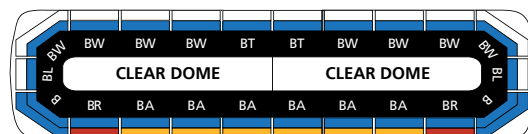
RLNT48-P2LB
(without interface module, low hook mount)



RLNT48-P2LC
(without interface module, low hook mount)



RLNT48-P4LB
(without interface module, low hook mount)



RLNT48-P4LC
(without interface module, low hook mount)

Hook Mount Reference Guide

Federal Signal

Effective January 22, 2024

For the most up-to-date hook mount information, visit www.fedsig.com/hook-mount-reference-guide.

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Ford				
Bronco Sport	2021-23	HKB-BCS21	N/A	
Edge	2015-23	HKB-UNH4	51.8"	
Escape	2020-23	HKB-ESC20	45.0"	
Expedition (No Roof Rack) light bar lengths 51, 53-in	2018-24	HKB-EXD22	55.5"	
F-150 Responder light bar lengths 44, 45, 46, 48-in	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with standard height foot	2015-23	HKB-FRD15-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 light bar lengths 44, 45, 46, 48-in	2015-23	HKB-UNH6	55.5"	All
F-150 light bar lengths 51, 53-in with standard height foot	2015-23	HKB-UNH5	55.5"	All
F-150 light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-UNH6	55.5"	All
F-250/350/450/550 All lightbar lengths	2017-23	HKB-UNH6	55.5"	All
F-650/750 light bar lengths 51, 53, 60-in	2017-24	HKB-FHD7	58.5"	All
Fusion	2013-20	HKB-UNH1	46.5"	
Maverick	2022-24	HKB-MAV22	N/A	
Mustang Mach-E	2021-23	HKB-MME21	N/A	
Mustang	2012-24	Permanent Mount	46.0"	
Police Interceptor Utility/Explorer light bar lengths 44,45,46-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	Valor/Vision w/std foot
	2020-24	HKB-FPIU20-LONG-HP	52.8"	
Police Interceptor Utility/Explorer light bar lengths 48, 51, 53-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	
Ranger	2019-23	HKB-RNG19	48.0"	Super
Transit (Low Roof) 60" light bars only	2015-24	HKB-UNH4	N/A	
Transit (Raised Roof)	2015-24	Permanent Mount	N/A	
Transit Connect (Low Roof)	2013-22	HKB-TCON	54.0"	
E-Series Van	1987-24	HKB-SAV	65.0"	
Chevrolet/GM				
Camaro	2011-23	Permanent Mount	50.0"	
Colorado/Canyon	2015-23	HKB-COL15	47.3"	All
Express Van	2003-24	HKB-SAV	61.0"	
Impala (Civilian)	2014-20 (10 th Gen)	HKB-UNH1	49.5"	
Malibu	2012-23	HKB-UNH1	48.0"	
Silverado/Sierra (1500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH3	52.0"	All
	2014-18	HKB-UNH4	55.8"	
Silverado PPV light bar lengths 44, 45, 46-in	2022-24	HKB-TAH21-44-HP	52.0"	All
Silverado/Sierra (1500) light bar lengths 51, 53-in	2019-24	HKB-UNH2	52.0"	All
	2014-18	HKB-SIL17	55.8"	
Silverado PPV light bar lengths 51, 53-in	2022-24	HKB-TAH21-HP	52.0"	All
Silverado/Sierra (2500, 3500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH2	55.0"	All
Silverado/Sierra (2500, 3500) light bar lengths 51, 53-in	2019-24	HKB-UNH3	55.0"	All

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Tahoe/Suburban (No Roof Rails) light bar lengths 44, 45, 46, and 48-in	2021-24	HKB-TAH21-44-HP	55.0"	
	2015-20	HKB-UNH4	55.0"	
Tahoe/Suburban (No Roof Rails) light bar lengths 51, 53-in	2021-24	HKB-TAH21-HP	55.0"	
	2015-20	HKB-LPCHGR11-HP	55.0"	
Traverse (No Rack)	2018-23	HKB-TRAV22	53.0"	
Volt	2012-15	HKB-UNH1	47.0"	
Chrysler/Dodge/Jeep				
Challenger	2012-23	Permanent Mount	54.5"	
Charger	2011-23	HKB-LPCHGR11-HP	50.3"	
Durango (No Roof Rack)	2011-24	HKB-DUR11-HP	54.0"	
Grand Cherokee (No Roof Rack)	2011-20	HKB-DUR11-HP	54.0"	
	2019-23 (5 th Gen)	HKB-RAM19	55.0"	All
RAM (1500, 2500, 3500)	2019-23 Classic/SSV	HKB-FRD9	57.5"	
	2010-18	HKB-FRD9	57.5"	
Wrangler	2012-24	Permanent Mount	N/A	
Toyota				
4-Runner	2022	HKB-DUR11	53.0"	
RAV4	2018-23	HKB-UNH1	N/A	
RAV4 (No Roof Rack)	2023	HKB-RAV23	43.0"	
Tacoma	2016-23	HKB-UNH1	N/A	
Nissan				
Leaf	2015-23	HKB-UNH1	N/A	
	2022-23	HKB-FNTR	53.0"	
Frontier	2013-21	HKB-MAG7	46.0"	
Rogue (No Roof Rails)	2021-23	HKB-ROG23	51.0"	
Titan	2016-24	HKB-TTN23	58.0"	
International				
Durastar/4300 cab	2002-18	HKB-FHD7	65.8"	

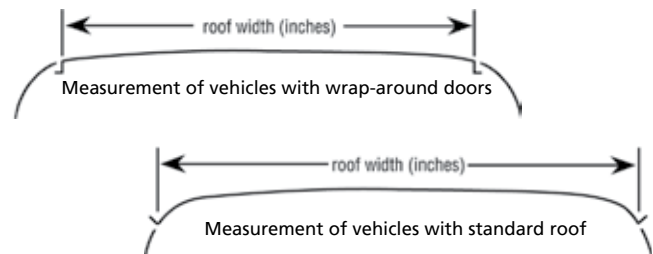
All Federal Signal light bars may be permanent or hook-on mounted. When using a hook-on mount, a separate hook kit is required for the make, model and year of your vehicle. Use the hook kit reference guide to find your vehicle's appropriate hook kit. Measurements for the roof width are determined by the style of the vehicle. These measurements may help you in choosing the light bar length best suited for your vehicle.

Transfer of Light Bars From One Vehicle to Another

From time to time, departments will remove a light bar from an older vehicle and reinstall it on a newer vehicle. Before performing this kind of transition, be sure to contact our Service Department to ensure that you not only have the proper hook kit, but that you also have the latest design light bar mount foot. Mounting foot designs continuously improve over time, and it is recommended that you utilize the most current mount foot design when reinstalling an older light bar on a newer vehicle.

Note

The hook kit reference guide is updated on an ongoing basis as information becomes available. Please check the hook kit reference guide online at www.fedsig.com/hook-mount-reference-guide for up-to-date vehicle and hook kit listings.



Siren Feature Comparison

	Pathfinder® PF200	Pathfinder® PF400	Pathway™	PA300-100	MS4000
Total Output Wattage	200 W	400 W	100 W	100 W	200 W
FS Convergence Network	•	•	•	•	
FSJoin™	•	•	•		
Air Horn	•	•	•	•	•
PA (Public Address)	•	•	•	•	
Siren Tones	•	•	•	•	•
Remote Control Head	•*	•*	•*		
Slide Switch	•*	•*	•*		
Lighting Control	•	•	•	•†	
SignalMaster™ Control	•	•	•		
Microphone	•	•	•	•	
Built-in Timer Feature	•	•	•	•	
Programmable Inputs & Outputs	•	•	•	•**	
Load Management	•	•	•		
FS Vehicle Integration/OBD Integration	•	•			
Integrated Dual-Tone	•	•			
Integrated Rumbler® Traffic-Clearing Capability	•	•			
Rotary Switch	•*	•*	•*		
Warranty (years)	5	5	5	5	3

*Select Models
** Inputs only
† Through Convergence Network ports only

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® PF200

- 100/200 W siren and light controller with PA and noise-canceling microphone
- Integrated dual-tone capability when used with (2) speakers
- Integrated Rumbler® traffic-clearing capability
- Optional FS Vehicle Integration/On-Board Diagnostics Integration (OBDII)
- Programmable timer feature
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones includes SmartSiren®, Unitrol™, PA300 and Powercall siren tones
- Horn Ring Transfer and Park Kill
- Backlit LEDs on control faceplate emulate SignalMaster™ directional warning operation
- (7) programmable inputs and (12) programmable solid-state relay outputs
- Convergence Network Configuration Software allows for easy customization of siren and light controls
- (2) FS Convergence Network ports
- Standard digital voice messages available in English, Spanish and French Canadian to broadcast alerts. Custom digital voice messages available for an additional fee
- Five-year warranty



Siren tones and voice messages available online

Convergence Network

FSJoin™

Rumbler®

Model	Description	List Price
PF200	Siren/Light Controller with self contained controls, 100/200 W	\$1,368.00
PF200R	Siren/Light Controller with Remote surface mount controller, 100/200 W	1,606.00
PF200H	Siren/Light Controller with Handheld controller/microphone, 100/200 W	1,606.00
PF200S17B	Siren/Light Controller with 17-button controller, 100/200 W	2,162.00
PF200S6	Siren/Light Controller with 6-button controller, 100/200 W	1,517.00
PF200S4	Siren/Light Controller with 4-button controller, 100/200 W	1,457.00
PF200AMP	Pathfinder Amplifier, no controller	1,368.00

Accessories

PFSYNC-1	On Scene Sync Module	355.00
RBKIT-SOLO*	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability	818.00
RBKIT2-COMPACT*	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability	593.00
OBD-CABLE6-1	6-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBD-CABLE6-2	6-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBD-CABLE6-3	6-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	230.00
OBD-CABLE6-DGCAN	6-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00
OBD-CABLE25-1	25-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBD-CABLE25-2	25-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBD-CABLE25-3	25-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	461.00
OBD-CABLE25-DGCAN	25-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00

Notes

- *Vehicle-specific Rumbler brackets sold separately
- Rumbler Brackets can be found on page 22

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Pathfinder® PF200 Accessories — Continued

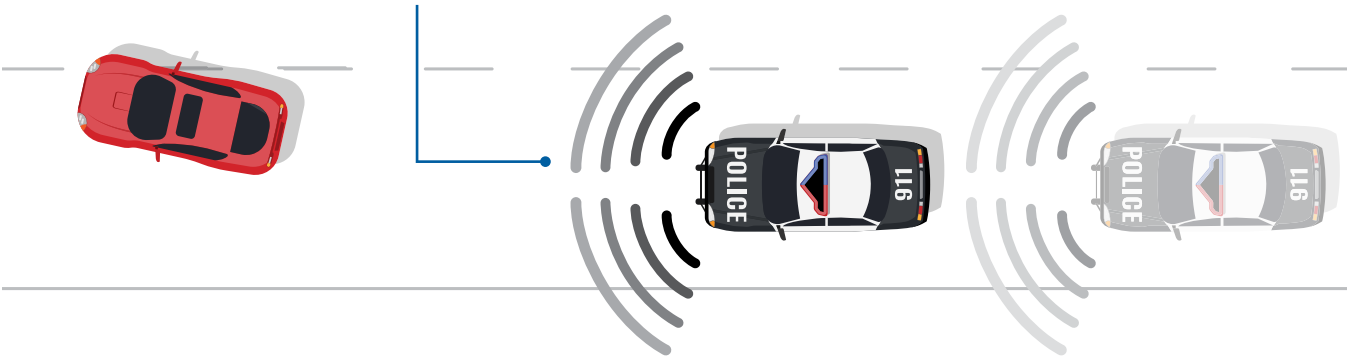
Model	Description	List Price
OBDKABLE8-GMCAN	8-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	\$230.00
OBDKABLE20-GMCAN	20-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	230.00
OBDKABLE8-4	8-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	230.00
OBDKABLE20-4	20-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	230.00
PFPPDM-1	Power Distribution Module, 100 A max load	669.00
EXPMOD24	24-Channel Expansion Module	386.00
EXPMOD-2	Rear Expansion Module, (18) solid-state programmable relay outputs, (16) 7.5 A flashing outputs and (2) 20 A control outputs	714.00
EXPMOD32	32-Channel Expansion Module	486.00
EXPHARN01	Rear taillight connection wire harness for use with rear expansion module, Dodge Charger Pursuit, 2015-2024	173.00
EXPHARN03	Rear taillight connection wire harness for use with rear expansion module, Ford Police Interceptor Utility, 2020-2024	173.00
EXPHARN04	Rear taillight and rear liftgate lighting connection wire harness for use rear expansion module, Dodge Durango, 2018-2023	385.00
EXPHARN05	Rear taillight connection wire harness for use with rear expansion module, Chevrolet Tahoe, 2021-2023	236.00
PFSPLTR-4	4-to-1 splitter	59.00
RMK	Remote extension kit for ¼-inch jack microphone	133.00

Common Replacement Parts

Z258B577D-03	RJ11 microphone	147.00
MNCT-SD	¼-inch jack microphone	70.00
Z17501813A	USB Programming Cable	36.00
Z862302836A-PF	Replacement Controller, PF200S4/PW100S4	632.00
Z862302919A-PF	Replacement Controller, PF200S6/PW100S6	695.00
Z862302151A	Replacement Controller, PF200R/PF400R	788.00
Z862302765A	Replacement Controller, PF200H/PW100H/PF400H/PF400QH	885.00
Z862303172A	Replacement Controller, PF200S17B/PF400S17B/PF400QS17B	1,372.00
Z8623129A	Swivel Mount, PF200H/PW100H/PF400H/PF400QH	27.00
Z862302763A	Mounting bracket, PF200H/PW100H/PF400H/PF400QH	40.00
Z1751357A-06	CAT5 Cable — Coupler to Amplifier, 8-ft	65.00
Z1751357A-02	CAT5 Cable — Control Head to Coupler, 25-ft	53.00
Z17501359A	Relay output pigtail	47.00
Z13901850A	RJ45 Coupler	53.00
Z17501849A	Wire Assembly — RJ45 Coiled	53.00
Z8572294E	Legend stickers	20.00

BUILT-IN DUAL-TONE CAPABILITY WHEN USED WITH TWO SPEAKERS

Provides a 50% increase in audible warning distance vs. a single-speaker/single-tone system.
Dual-Tone creates the perception of a multi-vehicle, emergency response ideal for highway patrol.



Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® PF200

CONTROLLER OPTIONS



PF200

Self-contained Controls with Rotary Knob and Slide Switch



PF200H

Handheld Controller / Microphone with (14) Push-buttons



PF200R

Remote Surface-mount Controller with Rotary Knob and Slide Switch



PF200S17B

Remote Surface-mount Controller with (17) Push-buttons and Slide Switch



PF200S6

Remote Surface-mount Controller with (6) Push-buttons and Slide Switch



PF200S4

Remote Surface-mount Controller with (4) Push-buttons

RUMBLER® INTEGRATION

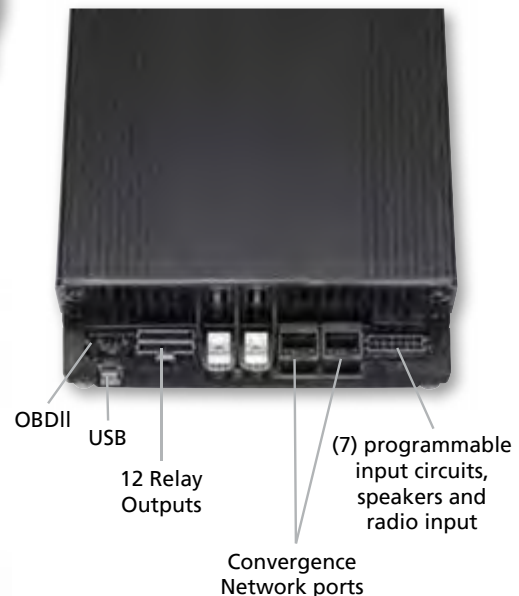
Pathfinder is available with built-in Rumbler traffic-clearing capability. With Rumbler, the Pathfinder produces a Rumbler tone without the need for a separate externally mounted amplifier.



CONVERGENCE NETWORK CONFIGURATION SOFTWARE

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet—and access the controller's main custom features and benefits. Simply connect a USB to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse—giving users the ability to clone an entire fleet.



Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Pathfinder® PF400

- 400 Watt programmable siren/light controller with remote-mount amplifier
- (4) 100 Watt independent audio channels
- PF400Q models available featuring the traditional trademarked Q-Siren tone
- Library of selectable siren tones
- Integrated quad-tone capability when used with (4) speakers
- (7) programmable inputs and (16) programmable solid-state relay outputs
- Integrated Rumbler® traffic-clearing capability
- Capability of doing Rumbler and dual-tone with one amplifier
- FS Vehicle Integration/On-Board Diagnostics Integration (OBDII)
- (4) Serial ports for FS Convergence products
- Convergence Network Configuration Software allows for easy customization for siren and light controls
- Standard voice messages are available in English, Spanish, and French Canadian to broadcast alerts. Custom voice messages available for an additional fee
- Five-year warranty



Model	Description	List Price
PF400S17B	Siren/Light Controller with 17-button controller, 400 W	\$2,799.00
PF400H	Siren/Light Controller with Handheld controller/microphone, 400 W	2,244.00
PF400R	Siren/Light Controller with Remote surface mount controller, 400 W	2,244.00
Integrated Q-tone models		
PF400Q	Siren/Light Controller with Remote surface mount controller, 400 W, integrated Q-tone	2,416.00
PF400QS17B	Siren/Light Controller with 17-button controller, 400 W, integrated Q-tone	2,999.00
PF400QH	Siren/Light Controller with Handheld controller/microphone, 400 W, integrated Q-tone	2,449.00
PF400QAMP	PF400Q Amplifier, no controller, integrated Q-tone	2,199.00
Accessories		
PFSYNC-1	On Scene Sync Module	355.00
RBKIT-SOLO*	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability	818.00
RBKIT2-COMPACT*	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability	593.00
OBDCABLE6-1	6-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBDCABLE6-2	6-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBDCABLE6-3	6-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	230.00
OBDCABLE6-DGCAN	6-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00
OBDCABLE25-1	25-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBDCABLE25-2	25-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBDCABLE25-3	25-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	461.00
OBDCABLE25-DGCAN	25-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00
OBDCABLE8-GMCAN	8-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	230.00

Notes
• *Vehicle-specific Rumbler brackets sold separately • Rumbler Brackets can be found on page 22

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® PF400 Accessories — Continued

Model	Description	List Price
OBD-CABLE20-GMCAN	20-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	\$230.00
OBD-CABLE8-4	8-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	230.00
OBD-CABLE20-4	20-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	230.00
PPD-M-1	Power Distribution Module, 100 A max load	669.00
EXP-MOD24	24-Channel Expansion Module	386.00
EXP-MOD-2	Rear Expansion Module, (18) solid-state programmable relay outputs, (16) 7.5 A flashing outputs and (2) 20 A control outputs	714.00
EXP-MOD32	32-Channel Expansion Module	486.00
EXP-HARN01	Rear taillight connection wire harness for use with rear expansion module, Dodge Charger Pursuit, 2015-2024	173.00
EXP-HARN03	Rear taillight connection wire harness for use with rear expansion module, Ford Police Interceptor Utility, 2020-2024	173.00
EXP-HARN04	Rear taillight and rear liftgate lighting connection wire harness for use rear expansion module, Dodge Durango, 2018-2023	385.00
EXP-HARN05	Rear taillight connection wire harness for use with rear expansion module, Chevrolet Tahoe, 2021-2023	236.00
PF-SPLTR-4	4-to-1 splitter	59.00
RMK	Remote extension kit for ¼-inch jack microphone	133.00

Common Replacement Parts

Z258B577D-03	RJ11 microphone	147.00
MNCT-SD	¼-inch jack microphone	70.00
Z862302836A-PF	Replacement Controller, PF200S4/PW100S4	632.00
Z862302919A-PF	Replacement Controller, PF200S6/PW100S6	695.00
Z862302151A	Replacement Controller, PF200R/PF400R	788.00
Z862302765A	Replacement Controller, PF200H/PW100H/PF400H/PF400QH	885.00
Z862303172A	Replacement Controller, PF200S17B/PF400S17B/PF400QS17B	1,372.00
Z8623129A	Swivel Mount, PF200H/PW100H/PF400H/PF400QH	27.00
Z862302763A	Mounting bracket, PF200H/PW100H/PF400H/PF400QH	40.00
Z1751357A-06	CAT5 Cable — Coupler to Amplifier, 8-ft	65.00
Z1751357A-02	CAT5 Cable — Control Head to Coupler, 25-ft	53.00
Z17501359A	Relay output pigtail	47.00
Z13901850A	RJ45 Coupler	53.00
Z17501849A	Wire Assembly — RJ45 Coiled	53.00
Z8572294E	Legend stickers	20.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Pathfinder® PF400

CONTROLLER OPTIONS



PF400Q

Remote Surface-mount Controller with (4) Push-buttons and Rotary Knob



PF400QH/PF400H

Handheld Controller / Microphone with (14) Push-buttons



PF400QS17B/PF400S17B

Remote Surface-mount Controller with (17) Push-buttons and Slide Switch



PF400R

Remote Surface-mount Controller with Rotary Knob and Slide Switch

RUMBLER® INTEGRATION

Pathfinder is available with built-in Rumbler traffic-clearing capability. With Rumbler, the Pathfinder produces a Rumbler tone without the need for a separate externally mounted amplifier.



CONVERGENCE NETWORK CONFIGURATION SOFTWARE

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet—and access the controller's main custom features and benefits. Simply connect a USB-C to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse—giving users the ability to clone an entire fleet.



Convergence Network ports
(16) programmable relay outputs
Remote microphone
Siren power
Relay power
Ground
Speaker outputs
(7) programmable input circuits and radio input
OBDII
USB-C

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® OBD Cable Vehicle Reference

Vehicle	Years	OBD CABLE 6-1/ OBD CABLE 25-1	OBD CABLE 6-2/ OBD CABLE 25-2	OBD CABLE 6-3/ OBD CABLE 25-3	OBD CABLE 6-DGCAN/ OBD CABLE 25-DGCAN	OBD CABLE 8-GMCAN/ OBD CABLE 20-GMCAN	OBD CABLE 8-4/ OBD CABLE 20-4
Chevrolet							
Camero	2021-2023	•					
Equinox	2019-2020	•					
Silverado 1500	2018-2022	•					
Silverado 2500	2019-2023	•					
Tahoe/Suburban	2015, 2018-2020	•					
Tahoe/Suburban	2021-2024					•	
Traverse	2020	•					
Dodge							
Challenger	2018-2023				•		
Charger	2018-2024				•		
Durango	2016, 2018-2023				•		
Ram 1500	2018-2023				•		
Ram 2500	2019-2023				•		
Ram 3500	2019-2023				•		
Ford							
Escape	2019	•					
	2020-2023			•			
Expedition	2019	•					
	2020-2021			•			
F-150	2018-2019	•					
	2020			•			
F-150 Lightning	2022-2024						•
F-250*	2019	•					
	2020-2022			•			
F-350*	2019	•					
	2020-2022			•			
F-550*	2019	•					
	2020-2022			•			
Mustang	2018-2019	•					
	2020-2023			•			
Mustang Mach-E	2021-2024						•
Police Interceptor Utility	2013-2019	•					
	2020-2024		•				
Ranger	2019		•				
	2020-2023			•			
Transit*	2019	•					
	2020-2024			•			
Jeep							
Cherokee	2019				•		
Wrangler	2020				•		
Grand Cherokee	2019-2022				•		
GMC							
Acadia	2019	•					
Yukon	2015, 2018-2020	•					
	2021-2024					•	
Sierra	2021	•					

* Models equipped with 4" or 8" entertainment screen only

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Pathway™

- 100 W siren and light controller with PA and noise-canceling microphone
- Models include self-contained, remote, handheld, Four-button and Six-button
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones
- Horn Ring Transfer and Park Kill
- (7) programmable inputs and (12) programmable solid-state relay outputs
- Convergence Network Configuration Software allows for easy customization of siren and light controls
- (2) FS Convergence Network ports
- Standard voice messages available in English, Spanish and French Canadian to broadcast alerts.
Custom voice messages available for an additional fee
- Five-year warranty



Model	Description	List Price
PW100	Siren/light controller with self-contained controls, 100 W	\$899.00
PW100R	Siren/light controller with remote surface mount controller, 100 W	899.00
PW100H	Siren/light controller with handheld controller/microphone, 100 W	899.00
PW100S6	Siren/light controller with Six-button controller, 100 W	899.00
PW100S4	Siren/light controller with Four-button controller, 100 W	899.00
Accessory		
PFSYNC-1	On Scene Sync Module	355.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathway™

CONTROLLER OPTIONS



PW100

Self-contained Controls with Rotary Knob and Slide Switch



PW100H

Handheld Controller/Microphone with (14) Push-buttons



PW100R

Remote Surface-mount Controller with Rotary Knob and Slide Switch



PW100S6

Remote Surface-mount Controller with (6) Push-buttons and Slide Switch



PW100S4

Remote Surface-mount Controller with (4) Push-buttons

CONVERGENCE NETWORK CONFIGURATION SOFTWARE

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet — and access the controller's main custom features and benefits. Simply connect a USB to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse — giving users the ability to clone an entire fleet.



USB

12 Relay Outputs

(7) programmable input circuits, speakers and radio input

Convergence Network ports

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Rumbler®

- Rumbler low frequencies deliver up to 10 dB more sound pressure inside civilian vehicles near emergency vehicle—getting attention and clearing traffic more effectively than a standard siren tone
- Low-frequency tones work simultaneously with primary siren
- Produces penetrating/vibrating low-frequency sound waves
- Interacts with most 100/200 W emergency vehicle siren amplifiers
- Highly effective in dense urban environments with heavy vehicle traffic
- Rumbler Low Frequency Speakers work in conjunction with Federal Signal sirens that feature integrated Rumbler traffic-clearing capability
- Rumbler Low Frequency Speakers are also available with Rumbler amplifier to work with other Federal Signal sirens
- Three-year warranty



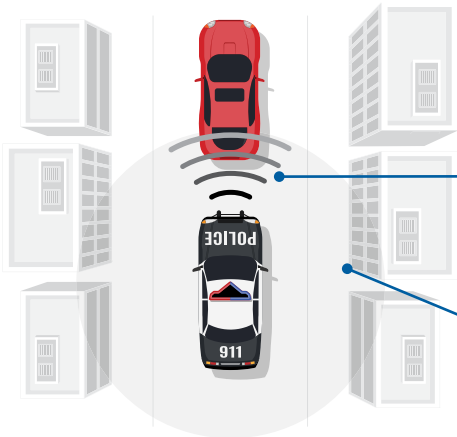
Model	Description	List Price
RBKIT2-COMPACT	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability	\$593.00
RBKIT1-COMPACT	Single Rumbler Compact low frequency speaker for use with sirens with integrated Rumbler capability	393.00
RBKIT-SOLO	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability	818.00
RUMBLER-C2	Rumbler Amp, Pair of Rumbler Compact low frequency speakers and hardware kit	1,199.00
RUMBLER-SOLO	Rumbler Amp, Single Rumbler Solo low frequency speaker and hardware kit	1,424.00

Accessory

RB-SW	Rumbler activation switch	66.00
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Note

- Vehicle-specific Rumbler brackets sold separately and can be found on page 22



RUMBLER

2x LOUDER where it matters

Rumbler low frequencies deliver up to 10dB more sound pressure inside civilian vehicles near your emergency vehicle—getting attention and clearing traffic more effectively than a standard siren tone.
Sound pressure varies based on vehicle type and distance.

Low frequency tones work simultaneously with primary siren—penetrating nearby vehicles.

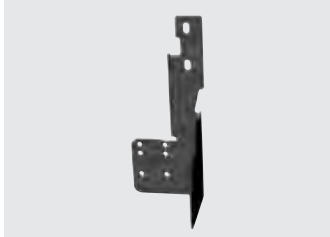
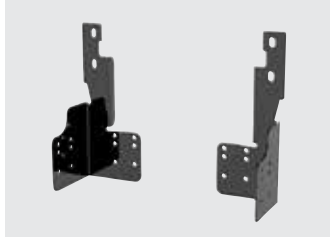
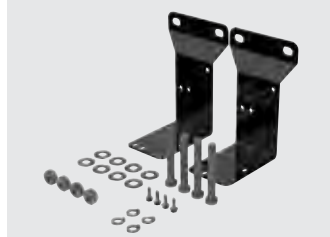
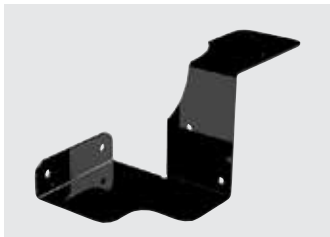
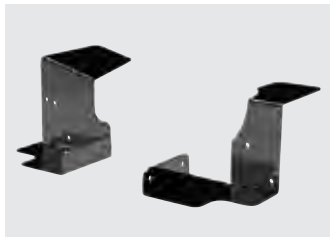
Particularly effective for Police and Fire/EMS applications in dense urban environments with heavy vehicle traffic.

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Rumbler® Brackets			
			
RBS-FPIU20ND \$59.00 (1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Ford Police Interceptor Utility, 2020-2024	RBC2-FPIU20ND \$69.00 (2) Compact, no drill, (1) passenger side bracket and (1) driver side bracket, Ford Police Interceptor Utility, 2020-2024	RBS-TAH21ND \$59.00 (1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Chevrolet Tahoe, 2021-2024	RBC2-TAH21ND \$69.00 (2) Compact, no drill, (1) passenger side bracket and (1) driver side bracket, Chevrolet Tahoe, 2021-2024
			
RBS-DUR21ND \$59.00 (1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Dodge Durango, 2019-2023	RBC2-DUR21ND \$69.00 (2) Compact, no drill, (1) passenger side bracket and (1) driver side bracket, Dodge Durango, 2019-2023	RBS-CHGR15 \$59.00 (1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Dodge Charger, 2015-2024	RBC2-FRD15ND \$69.00 Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Ford F-150, 2015-2023

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

PA300-100

- 100 W siren with PA and noise-canceling microphone
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones
- Horn Ring Transfer and Park Kill
- (4) programmable inputs, plus dedicated inputs for park, horn, and ignition
- Convergence Network Configuration Software allows for easy customization of the siren
- (2) FS Convergence Network ports
- Standard voice messages available in English, Spanish and French Canadian to broadcast alerts. Custom voice messages available for an additional fee
- Five-year warranty



Siren tones available online

Convergence Network

Model	Description	List Price
PA300-100	Siren with self-contained controls, 100 W	\$799.00

MS4000

- 100 W mini-siren for undercover and administrative police cars
- Wail, Yelp, Air Horn, and Priority siren tones
- Compact and easy to operate
- Three-year warranty



Siren tones available online

Model	Description	List Price
MS4000	100 W, Air Horn, Manual, Wail, Yelp, Priority intersection tone	\$756.00
MS4000U	100 W, Air Horn, Manual, Wail, Yelp, Priority intersection, remote	756.00
Common Replacement Part		
Z146903B	Cable assembly, RJ45, 25-ft	50.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

DynaMax®/ES100C

- Slim and lightweight compact 100 W speaker
- Neodymium driver delivers superior sound quality
- Composite plastic housing
- Vehicle-specific mounting brackets available for popular police car models
- Two-year warranty



Model	Description	List Price
ES100C	Speaker, DynaMax/ES100C, 100 W, high output, compact, Class A	\$391.00
ES100C-DEU	Speaker, DynaMax/ES100C, 100 W, high output, compact, Class A, with Deutsch connector	410.00

Note

- Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier

DynaMax/ES100C Accessories & Brackets

Vehicle	Years	Type of Bracket	Model	List Price
Multi-vehicle				
	All	Bracket only— (1) ES100C	ESB-U	49.00
	All	Bracket only— (1) ES100C, Multiple orientation “L” bracket	ESB-L	49.00
	All	Recess mount, stainless steel Electric “F” grille	ESFMT-EF	85.00
	All	Bumper/surface mount	ESBMT-SB	65.00
	All	Flush mount, Black grille	ESFMT-EFB	87.00
Ford				
Expedition	2018-2021	No drill, dual ES100C and Rumbler speaker bracket only— (2) ES100C, (2) Rumbler woofers	ESBR2-EXP18	145.00
F-150	2021-2023	No drill, dual speaker bracket only— (2) ES100C, compatible with models equipped with active air shutters and lower active air dam	ESB2-FRD21ND	87.00
F-150	2015-2017	Bracket only— (1) ES100C, will not work with EcoBoost models	ESB-FRD15	58.00
F-150/Responder	2015-2023	No drill, dual speaker bracket only— (2) ES100C, EcoBoost models only, not compatible with active lower air dam	ESB2-FRD15ND	87.00
F-250/350/450	2020-2024	Multi-vehicle, (1) ES100C	ESB-U	49.00
Interceptor Utility	2020-2024	Combination bracket kit — (1) ES100C and (2) MPS lights behind grille, will not work on hybrid models	ESBL-FPIU20	49.00
Interceptor Utility	2020-2024	No drill, bracket only— (1) ES100C or (1) AS124, compatible with push bumpers	ESB-FPIU20NDB	69.00
Interceptor Utility	2020-2024	No drill, dual speaker bracket only— (2) ES100C or (2) AS124, compatible with push bumpers	ESB2-FPIU20NDB	110.00
Dodge				
Charger	2015-2024	Combination bracket kit — (1) ES100C and (2) MPS lights behind grille, does not mount with Rumbler	ESB-CHGR15	49.00
Charger	2015-2024	No drill, (1) ES100C, mounts speaker to hood latch assembly	ESB-CHGR15ND	49.00
Charger	2015-2024	Single/Dual Speaker bracket — (2) ES100C, does not work with adaptive cruise control option	ESB2-CHGR15	87.00
Durango SSV/Pursuit	2015-2023	Combination bracket kit — (1) ES100C and (2) MPS lights behind grille	ESB-DUR15	49.00
Durango Pursuit	2021-2023	No drill, combination dual bracket kit — (2) ES100C and (2) MPS lights behind grille	ESBL2-DUR21ND	87.00
Ram SSV & Classic	2016-2023	Combination bracket kit — (1) ES100C and (2) MPS lights behind grille (Not compatible with active air shutters)	ESBL-RAM16	49.00
Ram Classic	2019-2023	Multi-vehicle, (1) ES100C	ESB-U	49.00
Sprinter	2019	Driver side bumper mount, (1) ES100C	ESB-SPRNTR19-D	203.00
Sprinter	2019	Passenger side bumper mount, (1) ES100C	ESB-SPRNTR19-P	203.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

DynaMax®/ES100C Accessories & Brackets—Continued

Vehicle	Years	Type of Bracket	Model	List Price
Chevrolet				
Silverado HD	2019-2021	No drill, bracket only — (1) ES100C on Driver's side	ESB-SILHD20ND	\$49.00
Silverado HD	2019-2021	No drill, dual, brackets only — (1) ES100C on Driver's side and (1) ES100C on Passenger's side	ESB2-SILHD20ND	87.00
Silverado 1500/1500 LTD	2019-2021	No drill, combination bracket kit — (1) or (2) ES100C and (2) MPS lights behind grille, will work with active shutters	ESBL2-SIL19ND	87.00
Silverado 1500	2022-2023	No drill, combination dual bracket kit — (2) ES100C and (2) MPS lights behind grille	ESBL2-SIL22ND	99.00
Tahoe	2021-2024	No drill, dual bracket kit — (2) ES100C behind grille	ESB2-TAH21ND	99.00
Tahoe	2021-2024	No drill, combination dual bracket kit — (2) ES100C and (2) MPS lights behind grille	ESBL2-TAH21ND	145.00
Vehicle-Specific Kits				
Kenworth, GM Van, Ford F-650, Ford E-250/450	All	Kit, includes (2) ES100C speakers and (2) ESFMT-EF	ES100-ESFMT-EF	795.00
Note				
• MPS lights that are compatible with ES100C brackets are MPS6U, MPS12U, and MPSW9				

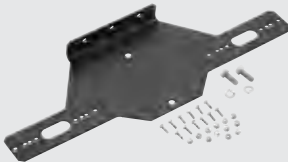
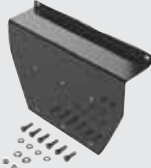
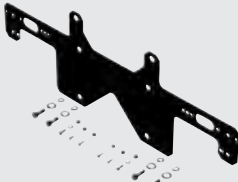
Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

DynaMax®/ES100C Brackets

			
ESB-FRD15	ESB-U	ESB-CHGR15	ESB-DUR15
			
ESBL-RAM16	ESB2-TAH21ND	ESB2-CHGR15	ESB2-FRD15ND
			
ESBL2-TAH21ND	ESBL-FPIU20	ESB-FPIU20NDB	ESB2-FPIU20NDB
			
ESB-L	ESB-CHGR15ND	ESBL2-DUR21ND	ESBL2-SIL19ND
			
ESB2-FRD21ND	ESBL2-SIL22ND		

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

AS124

- Economical 100 W speaker
- Neodymium driver delivers superior sound quality
- Durable composite plastic housing
- Vehicle-specific mounting brackets available
- Two-year warranty



Model	Description	List Price
750501	Speaker, 100 W, with multi-vehicle mount bolts and hardware, high output, Class A	\$273.00
750501V	Speaker, 100 W, vertical mounting applications, with multi-vehicle mounting bolts and hardware, high output, Class A	273.00

Accessories and Kits

750501-07	Mounting bracket for vertical applications, push bumper	56.00
750501-08	Mounting bracket, Dodge Durango, 2015-2023, does not mount with Rumbler®	56.00
750501-09	Mounting bracket, Dodge Charger, 2015-2024	56.00
ESB-FPIU20NDB	No drill, bracket only—(1) ES100C or (1) AS124, Police Interceptor Utility, 2020-2024, compatible with push bumpers	69.00
ESB2-FPIU20NDB	No drill, dual speaker bracket only—(2) ES100C or (2) AS124, Police Interceptor Utility, 2020-2024, compatible with push bumpers	110.00

Common Replacement Parts

Z8280090A	Driver, AS124	330.00
Z8556120B	Kit, BP200/AS124, speaker head	272.00
Z8650106A	Housing assembly with labels, AS124	124.00

Note

- Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier



TS100-N

- 100 W speaker with bracket included for easy installation
- Neodymium driver delivers superior sound quality
- Weather-resistant housing
- Sound output meets SAE J1849 and Class A
- Two-year warranty



Model	Description	List Price
TS100-N	Speaker, 100 W, high-output, standard bracket, Class A	\$316.00

Common Replacement Parts

Z8470D118	Projector, molded plastic, TS100-N, Black	48.00
Z8556082C	Kit, speaker head, TS100-N/CP100	272.00
Z8556B096A	Cone, 3.25-inch, Black, TS100/TS100-N	48.00
Z8619145A	Driver, TS100-N	330.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

Exterior Perimeter Light Feature Comparison

	MicroPulse®				
	MPS3U	MPS6U	MPS12U	MPSW9	C Series
SpectraLux® Multicolor LED Technology	•	•	•		
FSLink®	•	•	•		
FSJoin™	•	•	•	•*	•*
Single-Color	•	•	•	•	•
Dual-Color	•	•	•	•	•
Tri-Color		•	•		
Number of LEDs Determined by color combination	3, 6	6, 12, 18	12, 24, 36	9, 12	6, 8
Sync Flashing Capability	•	•	•	•	•
Clear Lens Available	•	•	•	•	•
Smoked Lens Available	•	•	•		
Warranty (years)	5	5	5	5	5

* Steady burn models only



MicroPulse® C Series lights come with an optional stud mount that provides easy installation in the pre-drilled grille of the Ford Police Interceptor Utility.



MicroPulse Ultra light heads can be programmed to operate as a single unit or in synchronization with multiple MicroPulse light heads.

MicroPulse® Ultra

- Ultra low-profile design offers wide range of mounting options
- Multiple units are synchronizable and can flash simultaneously or alternately
- (25) Flash patterns
- Single-, dual-, and tri-color models are available
- Optional bezels available in Chrome or White
- Five-year warranty



MPS32U-RW



MPS123U-RBW



MPS63U-RBW-SMK



MPS63U-RBW



Model	Description	List Price
MicroPulse Ultra 12, Single-Color, Clear lens		
MPS121U-A	(12) LEDs, Amber	\$225.00
MPS121U-R	(12) LEDs, Red	225.00
MicroPulse Ultra 12, Dual-Color, Clear lens		
MPS122U-BW	(24) LEDs, Blue/White	237.00
MPS122U-AW	(24) LEDs, Amber/White	237.00
MPS122U-RW	(24) LEDs, Red/White	237.00
MPS122U-RB	(24) LEDs, Red/Blue	237.00
MicroPulse Ultra 12, Tri-Color, Clear lens		
MPS123U-BAW	(36) LEDs, Blue/Amber/White	272.00
MPS123U-RAW	(36) LEDs, Red/Amber/White	272.00
MPS123U-RBA	(36) LEDs, Red/Blue/Amber	272.00
MPS123U-RBW	(36) LEDs, Red/Blue/White	272.00
MPS123U-AGW	(36) LEDs, Amber/Green/White	272.00
MicroPulse Ultra 12, Tri-Color, Smoked lens		
MPS123U-RBW-SMK	(36) LEDs, Red/Blue/White	290.00
MicroPulse Ultra 6, Single-Color, Clear lens		
MPS61U-A	(6) LEDs, Amber	191.00
MPS61U-B	(6) LEDs, Blue	191.00
MPS61U-R	(6) LEDs, Red	191.00
MPS61U-W	(6) LEDs, White	191.00
MicroPulse Ultra 6, Dual-Color, Clear lens		
MPS62U-AW	(12) LEDs, Amber/White	201.00
MPS62U-RB	(12) LEDs, Red/Blue	201.00
MPS62U-BA	(12) LEDs, Blue/Amber	201.00
MPS62U-BW	(12) LEDs, Blue/White	201.00
MPS62U-RW	(12) LEDs, Red/White	201.00
MicroPulse Ultra 6, Tri-Color, Clear lens		
MPS63U-RBA	(18) LEDs, Red/Blue/Amber	229.00
MPS63U-RBW	(18) LEDs, Red/Blue/White	229.00
MPS63U-BAW	(18) LEDs, Blue/Amber/White	229.00
MPS63U-RAW	(18) LEDs, Red/Amber/White	229.00
MPS63U-AGW	(18) LEDs, Amber/Green/White	229.00
MicroPulse Ultra 6, Tri-Color, Smoked lens		
MPS63U-RBW-SMK	(18) LEDs, Red/Blue/White	243.00

Model	Description	List Price
MicroPulse Ultra 6, Tri-Color, Clear lens, 8-ft. (243.8 cm) cable		
MPS63U-8FT-RBW	(18) LEDs, Red/Blue/White	\$250.00
MicroPulse Ultra 3, Single-Color, Clear lens		
MPS31U-A	(3) LEDs, Amber	119.00
MPS31U-B	(3) LEDs, Blue	119.00
MPS31U-G	(3) LEDs, Green	119.00
MPS31U-R	(3) LEDs, Red	119.00
MPS31U-W	(3) LEDs, White	119.00
MicroPulse Ultra 3, Dual-Color, Clear lens		
MPS32U-RB	(6) LEDs, Red/Blue	145.00
MPS32U-RW	(6) LEDs, Red/White	145.00
MPS32U-BW	(6) LEDs, Blue/White	145.00
MPS32U-AW	(6) LEDs, Amber/White	145.00
MPS32U-BA	(6) LEDs, Blue/Amber	145.00
MPS32U-RA	(6) LEDs, Red/Amber	145.00
MPS32U-AG	(6) LEDs, Amber/Green	145.00
MicroPulse Ultra 3, Dual-Color, Smoked lens		
MPS32U-RB-SMK	(6) LEDs, Red/Blue	170.00
MPS32U-BW-SMK	(6) LEDs, Blue/White	170.00
MPS32U-RW-SMK	(6) LEDs, Red/White	170.00

Accessories

MPSUMB3-1	Chrome bezel for (1) MicroPulse Ultra 3	18.00
MPSUMB3-2	White bezel for (1) MicroPulse Ultra 3	18.00
MPSUMB6-1	Chrome bezel for (1) MicroPulse Ultra 6	18.00
MPSUMB6-2	White bezel for (1) MicroPulse Ultra 6	18.00
MPSUMB12-1	Chrome bezel for (1) MicroPulse Ultra 12	18.00
MPSUMB12-2	White bezel for (1) MicroPulse Ultra 12	18.00

Common Replacement Parts

MPSUMB3-3	Black bezel for (1) MicroPulse Ultra 3	18.00
MPSUMB6-3	Black bezel for (1) MicroPulse Ultra 6	18.00
MPSUMB12-3	Black bezel for (1) MicroPulse Ultra 12	18.00

Notes

- All light head models include Black bezel and hardware kit
- Visit www.fedsig.com to view MicroPulse Ultra flash patterns

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

MicroPulse® Ultra D-Pillar

- Complete system includes (6) MPS6U tri-color light heads, (2) shroud/bracket assemblies, (2) harnesses, and (1) EXPMOD24 Expansion Module
- Vacuum formed shrouds fit vehicle's back pillars and are mounted with 3M® VHB tape
- Preassembled with pre-terminated MPS6U light heads to reduce installation time
- Compatible with a Convergence Network/FSJoin siren or controller, sold separately
- Five-year warranty



Model	Description	List Price
ELSD-FPIU20RBA	Lighting system, D-Pillar, 2020-2024 Ford Police Interceptor Utility, Red/Blue/Amber	\$2,414.00
ELSD-FPIU20RBW	Lighting system, D-Pillar, 2020-2024 Ford Police Interceptor Utility, Red/Blue/White	2,414.00
ELSD-TAH21RBA	Lighting system, D-Pillar, 2021-2024 Chevrolet Tahoe/Suburban, Red/Blue/Amber	2,414.00
ELSD-TAH21RBW	Lighting system, D-Pillar, 2021-2024 Chevrolet Tahoe/Suburban, Red/Blue/White	2,414.00

MicroPulse® 650/652

- Multiple mounting options for various applications
- Superior warning with (6) or (12) high-powered LEDs
- Single- and dual-color models are available
- LEDs offered in Amber, Blue, Red and White
- Single/multi-unit synchronization
- Five-year warranty



MPS650-RR

Model	Description	List Price
MicroPulse 6, Single-Color, Clear lens, hood/grille mount, 12/24 Vdc		
MPS650-AA	(6) LEDs, Amber/Amber	\$191.00
MPS650-BB	(6) LEDs, Blue/Blue	191.00
MPS650-RR	(6) LEDs, Red/Red	191.00
MPS650-WW	(6) LEDs, White/White	191.00
MicroPulse 6, Dual-Color, Clear lens, hood/grille mount, 12/24 Vdc		
MPS652-BR	(12) LEDs, Blue/Red	219.00
MPS652-BW	(12) LEDs, Blue/White	219.00
MPS652-RW	(12) LEDs, Red/White	219.00
MPS652-WA	(12) LEDs, White/Amber	219.00

MicroPulse® Wide Angle 9

- Utilizes (9) or (12) LEDs, 180-degree light spread
- Single- or dual-color models available
- Perfect for mounting on push bumpers, rub rails, side mirrors and spoilers
- Black bezel included with light; optional Chrome bezel available
- LEDs available in Amber, Blue, Red and White
- Five-year warranty



Model	Description	List Price
MicroPulse Wide Angle 9, Single-Color, Clear lens, surface mount, 12/24 Vdc		
MPSW9-A	(9) LEDs, Amber	\$271.00
MPSW9-B	(9) LEDs, Blue	271.00
MPSW9-R	(9) LEDs, Red	271.00
MPSW9-W	(9) LEDs, White	271.00
MicroPulse Wide Angle 9, Dual-Color, Clear lens, surface mount, 12 Vdc		
MPSW9-BA	(12) LEDs, Blue/Amber	283.00
MPSW9-RA	(12) LEDs, Red/Amber	283.00
MPSW9-AW	(12) LEDs, Amber/White	283.00
MPSW9-RB	(12) LEDs, Red/Blue	283.00
MPSW9-BW	(12) LEDs, Blue/White	283.00
MPSW9-RW	(12) LEDs, Red/White	283.00
Accessories		
MPSMW9-1	Chrome bezel for (1) MPSW9	21.00
MPSMW9-2	White bezel for (1) MPSW9	21.00
Common Replacement Part		
MPSMW9-3	Black bezel for (1) MPSW9	21.00
Notes		
• All light head models include Black bezel and hardware kit • Visit www.fedsig.com to view MicroPulse Wide Angle 9 flash patterns		

MicroPulse® Wide Angle 9 Steady Burn

- Utilizes (12) LEDs, 180-degree light spread
- Compatible with FSJoin™ Convergence Network sirens and controllers
- Dual-color models are available
- Perfect for mounting on push bumpers, rub rails, side mirrors and spoilers
- Multiple units can be synchronized to flash simultaneously or alternately
- Black bezel included with light; optional Chrome bezel available
- Five-year warranty



MPSW9X-BW



Model	Description	List Price
MicroPulse Wide Angle 9, Dual-Color, Clear lens, steady burn, surface mount, 12/24 Vdc		
MPSW9X-BW	(12) LEDs, Blue/White	\$283.00
MPSW9X-RW	(12) LEDs, Red/White	283.00

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

MicroPulse® C Series

- Superior warning with (6) or (8) high-powered LEDs
- Single- and dual-color models available
- Includes black surface mount bezel and stud mount
- Low-profile for discreet mounting
- Multiple units can be synchronized to flash simultaneously or alternately
- (27) selectable flash patterns including steady and random
- Five-year warranty



Model	Description	List Price
Single-Color, Clear lens, surface and stud mount, 12 Vdc		
MPSC-A	(6) LEDs, Amber	\$185.00
MPSC-B	(6) LEDs, Blue	185.00
MPSC-R	(6) LEDs, Red	185.00
MPSC-W	(6) LEDs, White	185.00
Dual-Color, Clear lens, surface and stud mount, 12 Vdc		
MPSC2-RB	(8) LEDs, Red/Blue	196.00
MPSC2-BW	(8) LEDs, Blue/White	196.00
MPSC2-RW	(8) LEDs, Red/White	196.00
MPSC2-AW	(8) LEDs, Amber/White	196.00
Note		
• All light head models include Black bezel and hardware kit		

MicroPulse® C Series Steady Burn

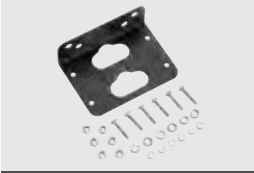
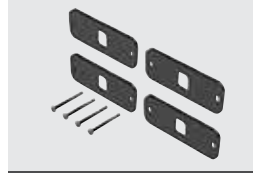
- Superior warning with (8) high-powered LEDs
- Compatible with FSJoin™ Convergence Network sirens and controllers
- Dual-color models are available
- Includes black surface mount bezel and stud mount
- Low-profile for discreet mounting
- Multiple units can be synchronized to flash simultaneously or alternately
- Five-year warranty



Model	Description	List Price
Dual-Color, Clear lens, steady burn, surface and stud mount, 12 Vdc		
MPSC2X-RB	(8) LEDs, Red/Blue	\$196.00
MPSC2X-BW	(8) LEDs, Blue/White	196.00
MPSC2X-RW	(8) LEDs, Red/White	196.00
Note		
• All light head models include Black bezel and hardware kit		

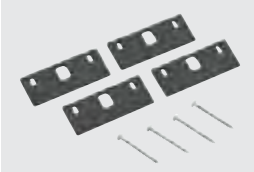
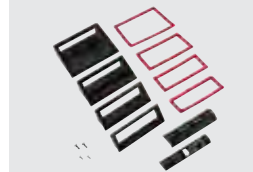


MicroPulse® Ultra 3

				
MPSM3-LB \$19.00	MPSM3-DS \$26.00	MPSM3-DL \$26.00	MPSM3-SB \$34.00	MPSM3UC-SPACRKT \$29.00
Generic L-Bracket for (1) MPS3U light	Generic L-Bracket for (2) MPS3U lights, stacked	Generic L-Bracket for (2) MPS3U lights, side-by-side	Swivel Mount Bracket for (1) MPS3U light	Kit of four 5-degree rubber mounting wedges for use with MPS3U lights

MicroPulse 6 and MicroPulse Ultra 6

				
MPSM6-LB \$19.00	MPSM6-DS \$26.00	MPSM6-DL \$26.00	MPSM6-SB \$34.00	MPSM6-SPACRKT \$29.00
Generic L-bracket for (1) MPS6U light	Generic L-bracket for (2) MPS6U lights, stacked	Generic L-bracket for (2) MPS6U lights, side-by-side	Swivel mount bracket for (1) MPS6U light	Kit of four 5-degree rubber mounting wedges for use with MPS600 lights

				
MPSM6U-SPACRKT \$29.00	MPSM650-SPACRKT \$33.00	MPSM6U-FPIU20SMW \$18.00	MPSM6U-FPIU20WW \$35.00	MPSM6U-WIN \$70.00
Kit of four 5-degree rubber mounting wedges for use with MPS6U lights	Kit of four 5-degree rubber mounting wedges for use with (2) MPS650 lights	Kit of two 20-degree rubber mounting wedges, each wedge mounts (1) MPS6U light to each side mirror arm, Ford Police Interceptor Utility, 2020-2024	Kit of four rubber mounting wedges, each wedge mounts (1) MPS6U light to each of the four wheel arch moldings, Ford Police Interceptor Utility, 2020-2024	Adhesive mount for (1) MPS6U light. Kit includes 90°, 67°, 46°, and 30° shrouds

MicroPulse Ultra 12

				
MPSM12-LB \$19.00	MPSM12-DS \$26.00	MPSM12-DL \$26.00	MPSM12-SB \$34.00	MPSM12U-SPACRKT \$35.00
Generic L-bracket for (1) MPS12U light	Generic L-bracket for (2) MPS12U lights, stacked	Generic L-bracket for (2) MPS12U lights, side-by-side	Swivel mount bracket for (1) MPS12U light	Kit of four 5-degree rubber mounting wedges for use with MPS12U lights

			
MPSUMA12-1 \$58.00	MPSUMA12-3 \$58.00	MPSM12U-FRD23DTL \$79.00	MPSM12U-FRD23DTL \$79.00
40° angled bezel for (1) MPS12U light, Chrome	40° angled bezel for (1) MPS12U light, Black	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/ MPS12U light, Ford F-150, 2023	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/ MPS12U light and (1) MPS3U/ MPS6U light, Ford F-150, 2023

MicroPulse® Series Brackets and Kits

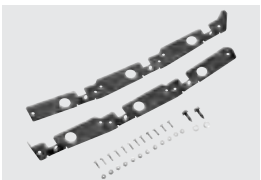
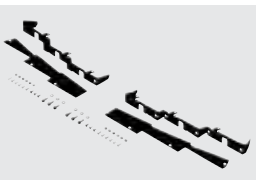
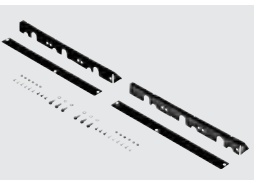
Federal Signal

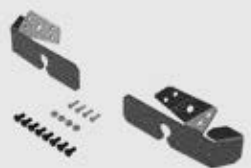
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MicroPulse® C Series

	
MPSMC-LBWN \$37.00	MPSMC-SBWN \$47.00
L-bracket kit for (1) MPSC light	Swivel mount bracket for (1) MPSC light

Spoiler

				
MPSM6-TA21RS \$230.00	MPSM6-TA21RS1 \$87.00	MPSM6-FPIU20RS1 \$196.00	MPSM6-FPIU20RS2 \$196.00	MPSM6-FPIU20RS3 \$196.00
Pair of spoiler brackets, each bracket holds (3) MPS6U lights, Chevrolet Tahoe, 2021-2024	2-head MPS6U spoiler bracket kit, Chevrolet Tahoe, 2021-2024	Pair of spoiler brackets, each bracket holds, (1) MPS6U light, Ford Police Interceptor Utility, 2020-2024	Pair of spoiler brackets, each bracket holds (3) MPS6U lights, Ford Police Interceptor Utility, 2020-2024	Pair of spoiler brackets, each bracket holds (2) MPS6U lights, Ford Police Interceptor Utility, 2020-2024
				
MPSM6-DU15RS \$114.00	MPSM6-DU22RS \$114.00	MPSM6U-EXP22RS6 \$196.00	MPS6U-SIL19RS6 \$196.00	
6-head MPS6U spoiler bracket kit, Dodge Durango, 2015-2020	6-head MPS6U spoiler bracket kit, Dodge Durango, 2022-2023	Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Ford Expedition, 2022-2024	Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Chevrolet Silverado 2019-2023	

Side Mirror**MPSMW9-TAH21MIR \$64.00**

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Tahoe, 2021-2024

**MPSMW9-SIL19MIR \$41.00**

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado 1500, 2019-2023

**MPSMW9-FPIU20MIR \$41.00**

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford Police Interceptor Utility, 2020-2024

**MPSMW9-FRD21MIR \$59.00**

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150 (non-towing mirrors)/Lightning, 2021-2023

**MPSMW9-RAM19MIR \$41.00**

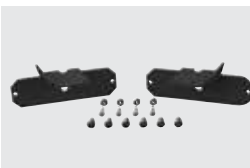
Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Ram, 2019-2022; Dodge Ram new body style

**MPSMW9-SHD \$45.00**

Shroud for (1) MPSW9 light, multi-vehicle applications

**MPSMW9-CHGR11MIR \$64.00**

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Charger, 2011-2024

**MPSMW9-DUR21MIR \$41.00**

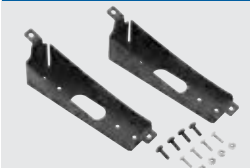
Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Durango, 2015-2023

B-Pillar**MPSM6U-BP1 \$60.00**

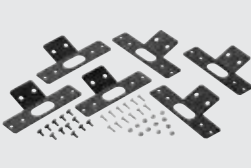
Pair of B-pillar brackets, each bracket mounts (1) MPS6U light on the rear of B-pillar, Dodge Charger, 2011-2024

**MPSM6U-BP2 \$60.00**

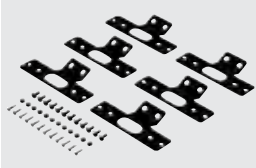
Pair of B-pillar brackets, each bracket mounts (1) MPS6U light on the rear of B-pillar, Chevrolet Tahoe, 2021-2024 and Ford Police Interceptor Utility, 2020-2024

**MPS6U-FPIU20FOG \$92.00**

Pair of fog light brackets, each bracket holds (1) MPS3U/MPS6U light, Ford Police Interceptor Utility, 2020-2024

Fog Light Area**Running Board****MPSM6-FRD15RB \$110.00**

(6) Running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023 (Includes XL and XLT trim levels with OEM running boards)

**MPSM6U-FD15UPRB \$110.00**

(6) Upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023

Wide Angle**MPSMW9-LB \$19.00**

L-Bracket for (1) MPSW9

**MPSMW9-SPACRKT \$33.00**

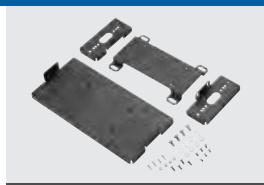
Kit for (4) 5-degree rubber mounting wedges for use with MPSW9 lights

MicroPulse® Series Brackets and Kits

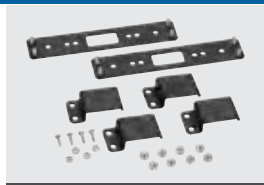
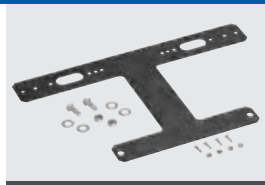
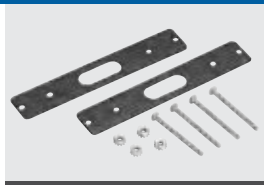
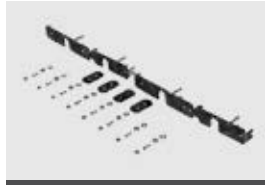
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Effective January 22, 2024

License Plate

				
IPX-LPV1 \$45.00	IPX-LPV2 \$89.00	IPX-LPVX1 \$48.00	IPX-LPH1 \$45.00	MPSM6-LPV1 \$111.00
Flat surface license plate bracket, mounts MPS3U lights, various vehicles without recessed plate mounting locations	Adjustable license plate bracket, mounts MPS3U/MPS6U/ MPS12U lights to the license plate of popular vehicles	Extended license plate bracket, mounts MPS3U lights, for vehicles with a recessed license plate mount location	Generic high side license plate holder with horizontal mount tab on each side, mounts MPS3U lights, fits most vehicles	Vertical mount license plate brackets, each bracket holds (2) MPS6U light heads on each side
				
MPSM-LPH1 \$47.00	MPSM6-LPH1 \$111.00			
Horizontal license plate bracket, mounts (2) MPS3U/MPS6U/ MPSC lights, fits most vehicles	Horizontal license plate mount, (2) MPS6U, MPS12U, MPWS9 lights			

Grille

				
IPX-GRL8 \$59.00	IPX-GRL14 \$58.00	IPX-GRL16 \$46.00	IPX-GRL17 \$92.00	MPSM6-GRL1 \$38.00
Pair of grille brackets with hardware, horizontal mount orientation, each bracket holds (1) MPS3U/MPS6U/ MPS12U light, Dodge Charger, 2015-2024, without Rumbler® installation	Pair of grille brackets, horizontal mount, no drill, each bracket holds (1) MPS3U/MPS6U light, Ford F-150 Responder, 2018-2023 (will work on lower end trim level grilles on XL and XLT models)	Single grille bracket with hardware, no drill, horizontal mount orientation, bracket holds (2) MPS3U/MPS6U/ MPS12U lights, Ford Police Interceptor Utility, 2020-2024	Pair of lower grille brackets with hardware, horizontal mount orientation, each bracket holds (2) MPS3U/ MPS6U lights, Ford Police Interceptor Utility, 2020-2024	Pair of grille brackets, each bracket holds (1) MPS3U/ MPS6U light, fits vehicles with a mesh grille
				
MPSM6U-FPIU20GCO \$27.00	MPSM6-GRL2 \$53.00	MPSM6-GRL3 \$116.00		
Kit of two grille cut-out brackets, adapts (2) MPS6U lights to OEM grille cut outs, Ford Police Interceptor Utility, 2020-2024	Pair of grille brackets, each bracket holds (1) MPS6U light behind grille, Chevrolet Tahoe, 2021-2024	Pair of grille brackets, each bracket holds (2) MPS6U light outside of grille, each side of bowtie, Chevrolet Tahoe, 2021-2024		

Corner LED Feature Comparison

	416900Z Series	416910Z Series	416300 Series
Number of Light heads	Single	Single	Single
Single-Color		•	•
Dual-Color	•		•
Number of LEDs per light head	12	12	3, 6
Mounting	External/Internal	External/Internal	External
Sync Flashing Capability	•	•	•
Warranty (years)	5	5	5

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

Corner LED System (416900Z/416910Z)

- Suitable for external and internal use
- (19) built-in selectable flash patterns
- Multiple light heads can be synchronized and can flash simultaneously or alternately
- (12) LEDs per light head
- Available in single- and dual-color models
- Two mounting options; bezel for surface mounting or can be installed in a head lamp
- Five-year warranty



Model	Description	List Price
Single-Color, single-head, in-line Corner LED Systems (1) LED head with in-line flasher, cables, and Black bezel		
416910Z-A	Amber	\$130.00
416910Z-B	Blue	130.00
416910Z-R	Red	130.00
416910Z-W	White	130.00
Dual-Color, single-head, in-line Corner LED Systems (1) LED head with in-line flasher, cables, and Black bezel		
416900Z-BA	Blue/Amber	130.00
416900Z-BW	Blue/White	130.00
416900Z-RA	Red/Amber	130.00
416900Z-RB	Red/Blue	130.00
416900Z-RW	Red/White	130.00
416900Z-AW	Amber/White	130.00

Model	Description	List Price
Accessories		
416900-BZC	Chrome bezel for 416900Z/416910Z Series	\$14.00
416900-BZW	White bezel for 416900Z/416910Z Series	14.00
416900-BZB	Black bezel for 416900Z/416910Z Series	14.00
416900-VHB	3M™ VHB™ no-drill mount for Ford Interceptor Utility, 2020-2024 with standard headlight assembly and taillight when Ford option 86T is ordered, 4-pack	19.00

Corner LED System (416900Z) Steady Burn

- Suitable for external and internal use
- Compatible with FSJoin™ Convergence Network sirens and controllers
- Dimming capability
- Sync/alternate with other Steady Burn models
- (12) LEDs per light head
- Available in dual-color
- Two mounting options; bezel for surface mounting or can be installed in a head lamp
- Five-year warranty



Model	Description	List Price
Dual-Color, single-head, in-line Corner LED Systems (1) LED head with in-line flasher, cables, and Black bezel		
416900XZ-BW	Blue/White	\$130.00
416900XZ-RW	Red/White	130.00

Model	Description	List Price
Accessories		
416900-BZC	Chrome bezel for 416900Z/416910Z Series	\$14.00
416900-BZB	Black bezel for 416900Z/416910Z Series	14.00
416900-BZW	White bezel for 416900Z/416910Z Series	14.00
416900-VHB	3M™ VHB™ no-drill mount for Ford Interceptor Utility, 2020-2024 with standard headlight assembly and taillight when Ford option 86T is ordered, 4-pack	19.00

416300 Series

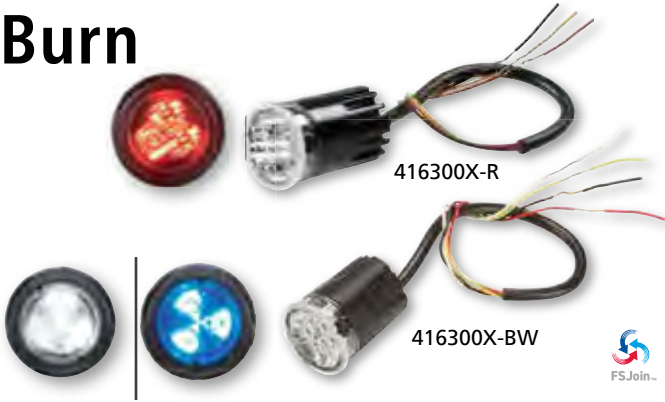
- Utilizes (3) or (6) LEDs
- Available in single- or dual-color models
- (17) flash patterns including random and steady
- Single/multi-unit synchronization
- Flush mount with included grommet; optional L-bracket for single-color models only, sold separately
- UV resistant polycarbonate lens
- Five-year warranty



Model	Description	List Price
Flush mount, Single-Color, Clear Lens, 12 Vdc		
416300-A	(3) LEDs, Amber	\$114.00
416300-B	(3) LEDs, Blue	114.00
416300-R	(3) LEDs, Red	114.00
416300-W	(3) LEDs, White	114.00
Flush mount, Dual-Color, Clear Lens, 12/24 Vdc		
416300-BA	(6) LEDs, Blue/Amber	126.00
416300-RB	(6) LEDs, Red/Blue	126.00
416300-BW	(6) LEDs, Blue/White	126.00
416300-RA	(6) LEDs, Red/Amber	126.00
416300-RW	(6) LEDs, Red/White	126.00
416300-AW	(6) LEDs, Amber/White	126.00
Accessories		
416301	L-bracket kit for use with single-color models only	14.00
416302	Grommet kit, mounts (2) 416300 series in bottom of liftgate panel for auxiliary rear warning when liftgate is open, Chevrolet Tahoe, 2021-2024	20.00

416300 Series Steady Burn

- Utilizes (3) or (6) LEDs
- Available in single- or dual-color models
- Compatible with FSJoin Convergence Network sirens and controllers
- Dimming capability
- Sync/alternate with other Steady Burn models
- Flush mount with included grommet; optional L-bracket for single-color models only, sold separately
- UV resistant polycarbonate lens
- Five-year warranty



Model	Description	List Price
Flush mount, Single-Color, Clear Lens, Steady Burn, 12 Vdc		
416300X-B	(3) LEDs, Blue	\$114.00
416300X-R	(3) LEDs, Red	114.00
Flush mount, Dual-Color, Clear Lens, Steady Burn, 12/24 Vdc		
416300X-BW	(6) LEDs, Blue/White	126.00
416300X-RW	(6) LEDs, Red/White	126.00
416300X-RB	(6) LEDs, Red/Blue	126.00
Accessories		
416301	L-bracket kit for use with single-color models only	14.00
416302	Grommet kit, mounts (2) 416300 series in bottom of liftgate panel for auxiliary rear warning when liftgate is open, Chevrolet Tahoe, 2021-2024	20.00

Directional Warning Lights

Federal Signal

Effective January 22, 2024

Stick Light Feature Comparison

	CN SignalMaster™	Latitude™ — Flashing	Latitude™ — SignalMaster™	MicroPulse® — SignalMaster™
Solaris® LED Reflector Technology	•	•	•	
SpectraLux® Multicolor LED	•			
ROC (Reliable Onboard Circuitry™)	•	•	•	
FS Convergence Network	•			
FSJoin™	•			
Available Lengths (inches)	16, 31	17, 24, 32	24, 32, 48	23, 30, 32, 36, 42, 44, 51, 65
Number of Light heads	4, 8	4, 6, 8	6, 8	4, 6, 8
Clear Lens Available	•	•	•	•
Number of LEDs per Light head*	6, 12, 18	3	3	12
LED Takedowns	•			
Flood Lighting	•			
LED SignalMaster	•		•	•
Dimming	•			
Online Configurator	•			
Warranty (years)	5	5	5	5

* Number of LEDs determined by color combinations

MicroPulse® SignalMaster™

- LED directional warning light
- 4-head, 6-head, and 8-head models available in various lengths
- Utilizes MicroPulse Ultra 12 light heads
- Easy serviceability
- Fully-encapsulated, water resistant modules ideal for external mounting
- Available directional patterns include: left, right, and flashing warning
- Compatible with Federal Signal's SignalMaster controllers
- Extrusion designed to block sunlight, increasing the warning effectiveness
- Five-year warranty



MPSUSM51-BRK-30



MPSUSM42-A-30

Model	Description	List Price
MPSUSM20-4A-30	20-inch, (4) Amber light heads, 30-ft cable	\$937.00
MPSUSM23-A-30	23-inch, (4) Amber light heads, 30-ft cable	937.00
MPSUSM30-BRK-50	30-inch, (4) Amber light heads and (1) Red brake light (center), 50-ft cable	1,500.00
MPSUSM32-A-30	32-inch, (6) Amber light heads, 30-ft cable	1,278.00
MPSUSM32-A-60	32-inch, (6) Amber light heads, 60-ft cable	1,313.00
MPSUSM36-BRK-50	36-inch, (6) Amber light heads and (1) Red brake light (center), 50-ft cable	1,750.00
MPSUSM42-A-30	42-inch, (6) Amber light heads, 30-ft cable	1,750.00
MPSUSM42-BRK-30	42-inch, (6) Amber light heads and (1) Red brake light (center), 30-ft cable	1,937.00
MPSUSM42-A-60	42-inch, (6) Amber light heads, 60-ft cable	1,784.00
MPSUSM42-8A-30	42-inch, (8) Amber light heads, 30-ft cable	1,784.00
MPSUSM42-8A-60	42-inch, (8) Amber light heads, 60-ft cable	1,818.00
MPSUSM44-A-30	44-inch, (8) Amber light heads, 30-ft cable	1,784.00
MPSUSM44-A-60	44-inch, (8) Amber light heads, 60-ft cable	1,818.00
MPSUSM51-BRK-30	51-inch, (8) Amber light heads and (1) Red brake light (center), 30-ft cable	2,063.00
MPSUSM51-A-30	51-inch, (8) Amber light heads, 30-ft cable	1,875.00
MPSUSM51-A-60	51-inch, (8) Amber light heads, 60-ft cable	1,908.00
MPSUSM65-A-60	65-inch, (8) Amber light heads, 60-ft cable	2,000.00
Controller Options		
330104-SB	Basic directional light controller, for use with 4-, 6-, and 8-head models, 12 or 24 Vdc (multiple installer-selectable flash patterns, fuse protected)	404.00
331105-SB	Full-featured directional light controller, for use with 4-, 6-, and 8-head models, 12 or 24 Vdc (slide switch, multiple installer-selectable flash patterns, heavy-duty ground, fuse protected, control signal masters simultaneously), turn signal override feature	469.00
Common Replacement Parts		
ZMPS121UX-A-SM	Replacement light head, Amber	247.00
ZMPS121UX-R-SM	Replacement light head, Red	247.00

Directional Warning Lights

Federal Signal

Effective January 22, 2024

CN SignalMaster™

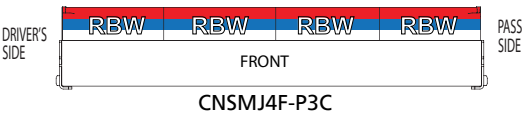
- LED warning light with SignalMaster directional and area lighting capability
- 4-head and 8-head models are available
- Optional serial interface module for use in traditionally-wired applications
- Front models utilize wide-angle reflectors
- Rear models utilize narrow-angle reflectors
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Red or White
- Five-year warranty

Online light bar
CONFIGURATOR

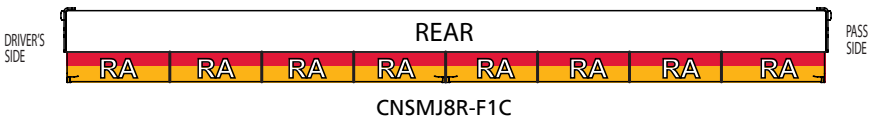
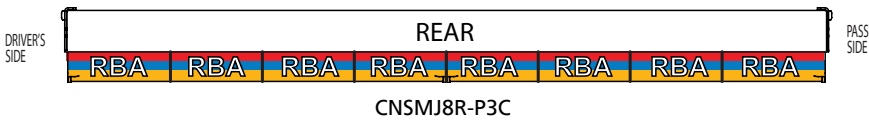
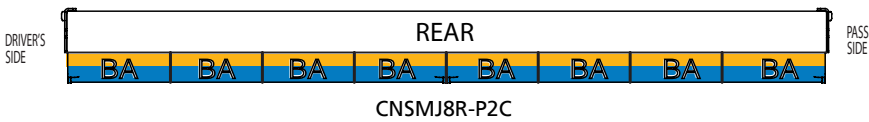
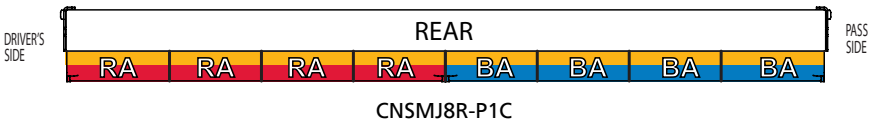


Model	Description	List Price
4-Head Front Model, without interface module, 15.7-inch length		
CNSMJ4F-P3C	(4) Red/Blue/White light heads	\$909.00
8-Head Rear Models, without interface module, 31.2-inch length		
CNSMJ8R-P1C	(4) Red/Amber light heads, (4) Blue/Amber light heads	1,430.00
CNSMJ8R-P2C	(8) Blue/Amber light heads	1,430.00
CNSMJ8R-P3C	(8) Red/Blue/Amber light heads	1,630.00
CNSMJ8R-F1C	(8) Red/Amber light heads	1,430.00
Split 8-Head Rear Model, without interface module, 15.7-inch length per side		
CNSMJ2X4R-P3C	(8) Red/Blue/Amber light heads	1,630.00
Accessories and Kits		
CNSM-RBK1	Mount kit for installing CN SignalMaster in Ford Police Utility, 2013-2024, internal use only	62.00
CNSM-TAH21	Kit to mount CNSM4 models to grille of Chevrolet Tahoe 2021-2024	62.00
CNSM-UM	Multi-vehicle mount for installing CN SignalMaster, internal/external use	62.00
SLB-001	Kit, Long L-bracket	65.00
SLB-002	Kit, Short L-bracket	65.00
SLB-FRD15ND	8-head bracket for CN SignalMaster or Latitude, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022	65.00
SLB-SIL19ND	8-head bracket for CN SignalMaster or Latitude, no drill, Chevrolet Silverado 2019-2023	65.00
Common Replacement Part		
Z858303641A	Interface module with cable assembly, FSJoin	265.00
How to Order		
• Choose one of the popular models above, customize your own with our online configurator, or contact a local Federal Signal representative or distributor		
Note		
• See page 46 for SignalMaster brackets		

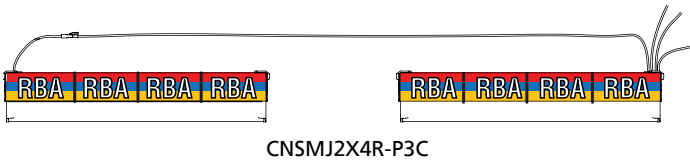
4-Head — Front of Vehicle



8-Head — Rear of Vehicle



Split 8-Head — Rear of Vehicle



Directional Warning Lights

Federal Signal

Effective January 22, 2024

Latitude™

- LED flashing warning light and SignalMaster™ models suitable for both interior and exterior mounting applications
- Flashing models available in 4-head, 6-head and 8-head; SignalMaster models available in 6-head or 8-head
- (3) LEDs per light head
- Innovative co-extrusion, polycarbonate housing provides moisture resistance
- Optional mounting brackets and shrouds available
- Flashing models have (10) flash patterns; SignalMaster models have left, right, center-out directional patterns and one warning pattern
- SignalMaster models include Federal Signal's economy controller
- Five-year warranty



SL8F-RB

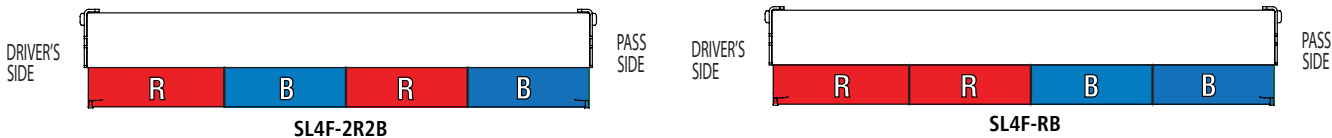
SL6F-RB

SL4F-2R2B

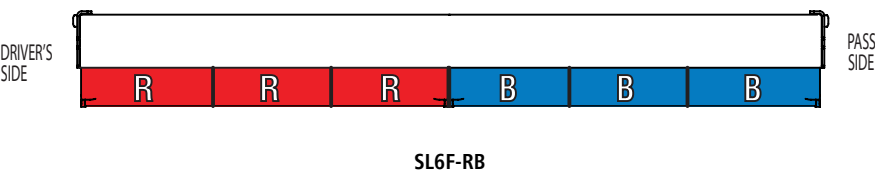


Model	Description	List Price
4-Head flashing model, 16.9-inch length		
SL4F-2R2B	(2) Red light heads, (2) Blue light heads (alternating) R-B-R-B	\$416.00
SL4F-RB	(2) Red light heads, (2) Blue light heads, R-R-B-B	416.00
SL4F-R	(4) Red light heads, R-R-R-R	416.00
SL4F-B	(4) Blue light heads, B-B-B-B	416.00
6-Head flashing model, 24.2-inch length		
SL6F-RB	(3) Red light heads, (3) Blue light heads, R-R-R-B-B-B	598.00
SL6F-R	(6) Red light heads, R-R-R-R-R-R	598.00
SL6F-BR	(3) Blue light heads, (3) Red light heads, B-B-B-R-R-R	598.00
SL6F-B	(6) Blue light heads, B-B-B-B-B-B	598.00
SL6F-AW	(3) Amber light heads, (3) White light heads, A-W-A-W-A-W	598.00
8-Head flashing model, 31.8-inch length		
SL8F-RB	(4) Red light heads, (4) Blue light heads, R-R-R-R-B-B-B-B	676.00
SL8F-R	(8) Red light heads, R-R-R-R-R-R-R-R	676.00
SL8F-B	(8) Blue light heads, B-B-B-B-B-B-B-B	676.00
SL8F-A	(8) Amber light heads, A-A-A-A-A-A-A-A, (does not include directional functions)	676.00
SL8F-BR	(4) Blue light heads, (4) Red light heads, B-B-B-B-R-R-R-R	676.00
SL8F-4R4B	(4) Red light heads, (4) Blue light heads, R-B-R-B-R-B-R-B	676.00
SL8F-AW	(4) Amber light heads, (4) White light heads, A-W-A-W-A-W-A-W	676.00
SL8F-BA	(4) Blue light heads, (4) Amber light heads, B-B-A-B-B-A-B-B	676.00
6-Head, 24.2-inch SignalMaster model		
SL6S-A	(6) Amber light heads, A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable	649.00
SignalMaster with Flashing End Models does not include economy controller		
SL8C-RAB	(1) Red, (6) Amber, (1) Blue, R-A-A-A-A-A-B	676.00
SL8C-RAR	(1) Red, (6) Amber, (1) Red, R-A-A-A-A-A-R	676.00
8-Head, 31.6-inch SignalMaster model		
SL8S-A	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable	728.00
SL8S-A48	(8) Amber light heads, 48-inch, A-A-A-A-A-A-A-A	824.00

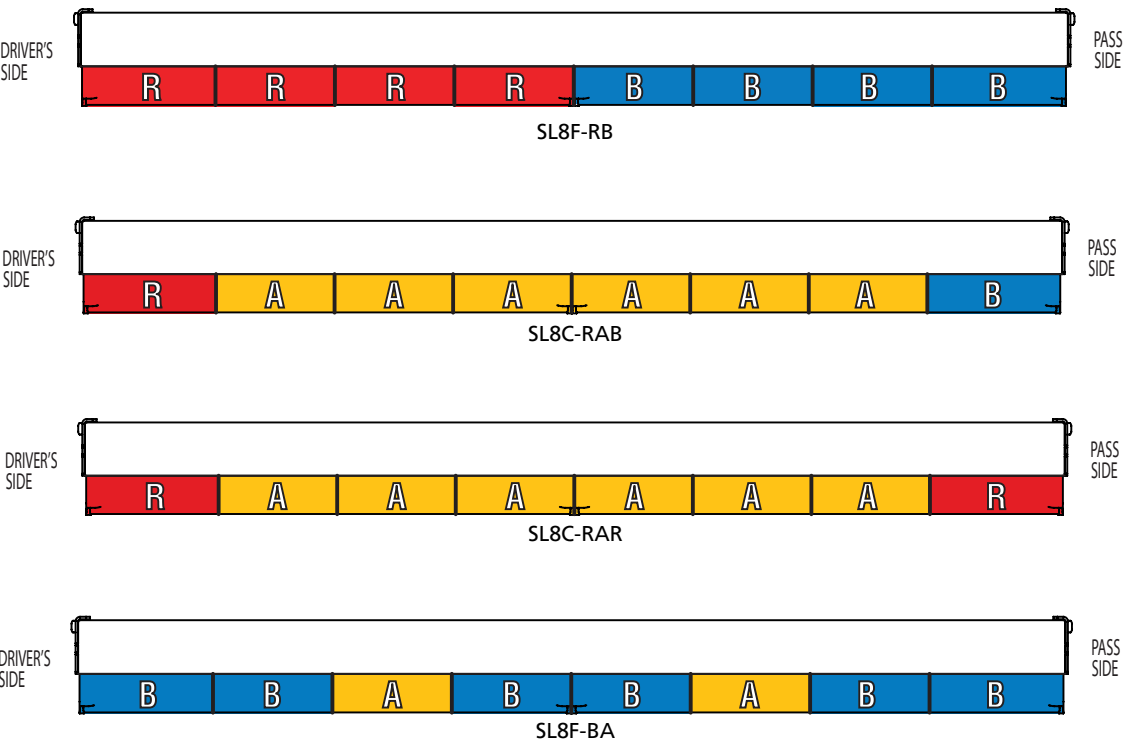
4-Head Configuration



6-Head Configuration



8-Head Configuration



CN SignalMaster™/Latitude™ Brackets and Shrouds

Federal Signal

Effective January 22, 2024

Latitude™ Brackets and Shrouds				
				
320310	320320	320330	320340	320350
\$53.00	\$81.00	\$74.00	\$162.00	\$47.00
Flush mount, vertical surface	Light bar or rear deck mount	System mount	Multi-vehicle mount	Foot adapter mount

CN SignalMaster™ Brackets	
	
CNSM-RBK1	CNSM-UM
\$62.00	\$62.00
Mount kit for installing 8-head CN SignalMaster in Ford Police Interceptor Utility 2013-2024, internal use only	Multi-vehicle mount for installing CN SignalMaster, internal/external use

CN SignalMaster or Latitude Brackets and Shrouds			
			
SLB-001	SLB-002	SLB-FRD15ND	SLB-SIL19ND
\$65.00	\$65.00	\$65.00	\$65.00
Long L-bracket, CNSM or Latitude	Short L-bracket, CNSM or Latitude	8-head bracket, CNSM or Latitude, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022	8-head bracket for CN SignalMaster or Latitude, no drill, Chevrolet Silverado 2019-2023

Interior Warning Light Feature Comparison

	SpectraLux® ILS Low-Profile	XStream®
Solaris® LED Reflector Technology	•	•
SpectraLux Multicolor LED Technology	•	•
ROC (Reliable OnBoard Circuitry™)	•	
FS Convergence Network	•	
FSLink®		•
FSJoin™	•	
Multicolor	•	•
Number of LEDs*	6, 12 or 18 per head	18 per head, 6 of each color
LED Takedown	•	
Flood Lighting	•	•
LED SignalMaster™	•	
Sync Flashing Capability	•	•
Discrete wired option	•	•
Warranty (years)	5	5

* Number of LEDs determined by color combination

Interior Mount Warning Lights

Federal Signal

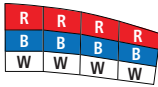
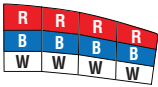
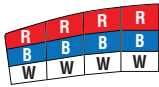
Effective January 22, 2024

SpectraLux® ILS Low-Profile

- Slim internal lighting system reduces windshield obstruction and improves police officer visibility
- Center Focused models utilize all forward-facing Solaris® reflectors that concentrate all the light output to the front of the vehicle
- Split and Passenger side models available for Front Headliner
- Single-, dual-, or tri-color light heads (6, 12 or 18-LEDs per light head)
- SpectraLux multicolor technology provides “all-white” flood lighting in front headliner models, as well as “Amber-override” directional lighting in rear deck models
- Vehicle-specific shrouds to prevent flashback for most common police car applications
- Discrete models or optional serial interface module available for use in traditionally-wired applications
- LEDs available in Amber, Blue, Green, Red and White
- Five-year warranty



Center-Focused Board



SIFMJ Split-front Models		
Vehicle	Year	Model
Ford Escape	2020-2023	SIFMJS-ESC20-P3
Ford Expedition*	2018-2023	SIFMJS-EXPD18-P3
Ford Mustang Mach-E	2021-2024	SIFMJS-MME21-P3
Ford Mustang	2019-2023	SIFMJS-MUST19-P3
Ford Police Interceptor Utility*	2020-2024	SIFMJS-FPIU20-P3**
Ford F-150*	2015-2023	SIFMJS-FD15-P3**
Ford Lightning*	2022-2023	SIFMJS-FD15-P3**
Chevrolet Camaro	2016-2023	SIFMJS-CAM16-P3
Chevrolet Express	2018-2024	SIFMJS-EXPR18-P3
Chevrolet Malibu	2017-2023	SIFMJS-MAL16-P3
Chevrolet Silverado 1500*	2019-2023	SIFMJS-SIL19-P3
Chevrolet Tahoe*	2021-2024	SIFMJS-TAH21-P3**
Toyota Camry	2020-2023	SIFMJS-CMRY22-P3
Dodge Charger*	2016-2024	SIFMJS-CHGR16-P3**
Dodge Durango*	2016-2023	SIFMJS-DUR16-P3*
Multi-Vehicle*	—	SIFMJS-UNIV-P3
List Price		\$1,875.00

SIFMJ Front Passenger Models		
Vehicle	Year	Model
Ford Escape	2020-2023	SIFMJP-ESC20-P3
Ford Mustang Mach-E	2021-2024	SIFMJP-MME21-P3
Chevrolet Camaro	2016-2023	SIFMJP-CAM16-P3
Chevrolet Express	2018-2024	SIFMJP-EXPR18-P3
Toyota Camry	2020-2023	SIFMJP-CMRY22-P3
List Price		\$1,050.00

Notes

- *Visit our online configurator to configure your custom SpectraLux ILS Low-Profile SIFMJ for popular vehicles.
- ** Models can be ordered from stock.
- All models are Convergence Network compatible and feature FSJoin technology

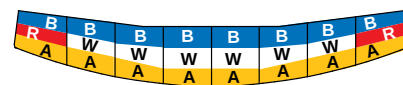
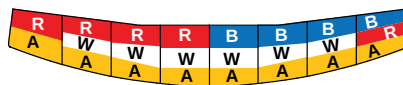
Interior Mount Warning Lights

Effective January 22, 2024

SpectraLux® ILS Low-Profile—Continued



SIFMJ Rear Hatch/Rear Deck/Rear Window Models		
Vehicle	Year	Model
Ford Mustang Mach-E	2021-2024	SIFMJH-MME21-P3
Ford Mustang	2019-2023	SIFMJR-MUST19-P3
Ford Police Interceptor Utility*	2020-2024	SIFMJH-FPIU20-P3**
Chevrolet Camaro	2016-2023	SIFMJR-CAM16-P3
Chevrolet Tahoe*	2021-2024	SIFMJH-TAH21-P3**
Dodge Charger*	2016-2024	SIFMJR-CHGR17-P3**
Dodge Durango*	2016-2023	SIFMJH-DUR18-P3**
	List Price	\$1,875.00



OBD Integrated SIFMJ Rear Deck/Rear Hatch/Rear Window Models			
Vehicle	Year	Model	Model
Ford Police Interceptor Utility*	2020-2024	SIFMJH-FPIU20-PF1**	SIFMJH-FPIU20-PF2**
Chevrolet Tahoe*	2021-2024	SIFMJH-TAH21-PF1**	SIFMJH-TAH21-PF2**
Dodge Charger*	2017-2024	SIFMJR-CHGR17-PF1**	SIFMJR-CHGR17-PF2**
Dodge Durango*	2018-2023	SIFMJH-DUR18-PF1**	SIFMJH-DUR18-PF2**
	List Price	\$1,875.00	\$1,875.00

Notes

- *Visit our online configurator to configure your custom SpectraLux ILS Low-Profile SIFMJ for popular vehicles.
- ** Models can be ordered from stock.
- OBD integrated Rear Hatch/Rear Deck/Rear Window configurations are specifically intended to work with the Pathfinder® siren and OBD CABLE, sold separately.
- All models are Convergence Network compatible and feature FSJoin™ technology



SpectraLux® ILS Low Profile SIFMJ installed
on a Ford Police interceptor Utility, 2020

Interior Mount Warning Lights

Federal Signal

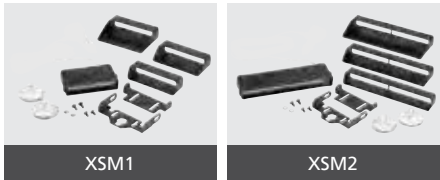
Effective January 22, 2024

XStream®

- Low-profile design
- Operates as a single-, dual-, or tri-color light head
- Each light head includes three colors with (6) LEDs of each color (18 LEDs total)
- Available in single-head or dual-head models
- Black polycarbonate housing
- Each model features two recessed buttons, one to change the flash pattern and other for color mode
- (25) Flash patterns including random and steady; (10) color modes
- Versatile mounting brackets and three different length snap-on flash guards included
- Five-year warranty



Model	Description	List Price
Single-head with wire leads		
XSM1-BRA-US	Blue/Red/Amber	\$199.00
XSM1-BRW-US	Blue/Red/White	199.00
XSM1-BWA-US	Blue/White/Amber	199.00
XSM1-RWA-US	Red/White/Amber	199.00
XSM1-WAG-US	White/Amber/Green	199.00
Dual-head with wire leads		
XSM2-BRA-US	Blue/Red/Amber-Blue/Red/Amber	507.00
XSM2-BRW-US	Blue/Red/White-Blue/Red/White	507.00
XSM2-BWA-US	Blue/White/Amber-Blue/White/Amber	507.00
XSM2-RWA-US	Red/White/Amber-Red/White/Amber	507.00
XSM2-WAG-US	White/Amber/Green-White/Amber/Green	507.00
Accessories and Kits		
XSMBKT01	Slip-on visor mount kit for use with single- or dual-head models	34.00
XSMBKT02	Adjustable, swivel mount for single- or dual-head models	53.00
XSMBKT03	Multi-vehicle headliner mount bracket for single- or dual-head models	24.00
XSMBKT07	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Dodge Charger, 2011-2024	99.00
XSMBKT10	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Ford F-150, 2015-2022, Ford F-250/350/450/550 Super Duty, 2017-2022, Ford Expedition, 2018-2024, Ford Lightning, 2022-2023	99.00
XSMBKT11	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Ford Police Interceptor Utility, 2020-2024	99.00
XSMBKT12	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Dodge Durango, 2011-2023	99.00
XSMBKT13	Driver and passenger rear window mount kit for use with (1) single- or dual-head XStream, Ford Ranger, 2019-2020	99.00
XSMBKT14	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Chevrolet Tahoe, 2021-2024	99.00
Z205003	Rubber extrusion	14.00



Each model includes light head, (2) suction cups, bail and pivot brackets, mounting hardware and three different length snap-on flash guards.



DFC Push Bumper Series

- Quick and simple installation
- (3) Top-channel options
- Center bar designed for easy-access speaker mounting
- Center bar pre-drilled for additional accessory mounting
- Simple, single MPS6U top-channel mounting bracket for ease of assembly
- Black, textured powder coat for resistance against scratches and scuffs
- 7-gauge steel, pre-drilled side uprights for MicroPulse® MPS6U series mounting
- 7-gauge steel, pre-drilled lower guards for MicroPulse series mounting
- Mounting kit and hardware included
- Three-year warranty



Model	Description	List Price
Push Bumpers		
DFC-PB-FPIU20	Push bumper, 2020-2024 Ford Police Interceptor Utility	\$892.00
DFC-PB-TAH21	Push bumper, 2021-2024 Chevrolet Tahoe SSV/PPV	1,084.00
DFC-PB-FRD21	Push Bumper, 2021-2023 Ford F-150	1,084.00
DFC-PB-DUR21	Push Bumper, 2021-2023 Dodge Durango	1,084.00
Optional Lower Guards (order 1 with each push bumper if desired)		
DFC-LG-FPIU20	Lower guards for use with 2020-2024 Ford Police Interceptor Utility push bumper	1,009.00
DFC-LG-TAH21	Lower guards for use with 2021-2024 Chevrolet Tahoe push bumper	1,009.00
DFC-LG-FRD21	Lower guards for use with 2021-2023 Ford F-150 push bumper	1,009.00
DFC-LG-DUR21	Lower guards for use with 2021-2023 Dodge Durango push bumper	1,009.00
Optional Upper Guards (order 1 with each push bumper if desired)		
DFC-UG-FPIU20*	Upper guards for 2020-2024 Ford Police Interceptor Utility push bumper	678.00
DFC-UG-TAH21	Upper guards for 2021-2024 Chevrolet Tahoe push bumper	678.00
DFC-UG-FRD21	Upper guards for use with 2021-2023 Ford F-150 push bumper	678.00
DFC-UG-DUR21*	Upper guards for use with 2021-2023 Dodge Durango push bumper	678.00
Top Channels (Must order 1 with each push bumper)		
DFC-TC2L	Two-Light top-channel for Ford Police Interceptor Utility push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TC2L-1	Two-Light top-channel for Chevrolet Tahoe push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TC2L-2	Two-Light top-channel for Ford F-150 or Dodge Durango push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TC4L	Four-Light top-channel for Ford Police Interceptor Utility push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TC4L-1	Four-Light top-channel for Chevrolet Tahoe push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TC4L-2	Four-Light top-channel for Ford F-150 or Dodge Durango push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TCP	Solid top-channel for Ford Police Interceptor Utility push bumper	56.00
DFC-TCP-1	Solid top-channel for Chevrolet Tahoe push bumper	56.00
DFC-TCP-2	Solid top-channel for Ford F-150 or Dodge Durango push bumper	56.00
Accessories		
DFC-WC-FPIU20	Wire covers for use with 2020-2024 Ford Police Interceptor Utility push bumper	66.00
DFC-WC-TAH21	Wire covers for use with 2021-2024 Chevrolet Tahoe push bumper	66.00
DFC-WC-FRD21	Wire covers for use with 2021-2023 Ford F-150 push bumper	66.00
DFC-WC-DUR21	Wire covers for use with 2021-2023 Dodge Durango push bumper	66.00
DFC-SB-750501	(1) Speaker bracket, for mounting (1) AS124 speaker	35.00
DFC-SB-ES100C	(1) Speaker bracket, for mounting (1) ES100C speaker	35.00

Note

- *Lower guards required

Accessories

Federal Signal

Effective January 22, 2024

MB1 LED Message Board



- Public safety messaging system incorporates LED message display board suitable for interior and exterior mounting, with internally mounted controller
- One controller to select from predetermined list of messages
- Programming software allows administrator to create customized messages
- Display board utilizes 672 Blue, Green or Amber LEDs
- Three-year warranty

Model	Description	List Price
MB1	Blue LED message display and controller, 12 Vdc	\$3,460.00
MB1-A	Amber LED message display and controller, 12 Vdc	3,460.00
MB1-G	Green LED message display and controller, 12 Vdc	3,460.00
MB1-BNRW	Blue LED message display and controller, narrow mounting applications, 12 Vdc	3,460.00

Accessories and Kits

MBK01	Kit for mounting MB1 to rear interior of Ford Police Interceptor Utility, 2013-2024	14.00
MBK03H	Kit for mounting MB1 message board to rear of Valor® light bars, hook mount only	14.00
MBK04	Kit for mounting MB1 to rear of Integrity®, Legend®, LPX and Navigator® light bars	14.00
MBK05	Kit for mounting MB1 to rear of Vision® SLR light bar	14.00
MBK06	Kit for mounting MB1-BNRW to rear interior of Dodge Durango, 2011-2023	14.00

Examples of pre-programmed messages

Examples of different font choices

(Messages can be customized for “steady-on”, scrolling, flashing, multiple lines, scroll direction, scroll speed and Bold/Normal font)



Message creation software



Control head

Littlite®

- Flexible, “goose-neck” task lights that can be easily aimed exactly where you need it
- Available with on/off switch or rheostat “dimmer” control
- 12" and 18" lengths
- Includes a 24" wire length for installation
- Five-year warranty



Model	Description	List Price
LED Littlite Models		
Neck extends from top of chassis, horizontal mount		
LF12TSB-LED	12-inch, On/Off switch control, wired base	\$150.00
LF12TS-LED	12-inch, On/Off switch control	150.00
LF18TSB-LED	18-inch, On/Off switch control, wired base	150.00
LF18TSB-LED-BLUE	18-inch, On/Off switch control, wired base, Blue	150.00
LF18TS-LED	18-inch, On/Off switch control	150.00
Neck extends from end of chassis, vertical mount		
LF12ES-LED	12-inch, On/Off switch control	150.00
LF12ESB-LED	12-inch, On/Off switch control, wired base	150.00
LF18ES-LED	18-inch, On/Off switch control	150.00
LF18ER-LED-UV	18-inch, Rheostat control, UV/White/Red light modes	180.00

Effective January 22, 2024

Headlight/Taillight Flashers

- Vehicle-specific flashers/mounts for a variety of vehicles
- “Plug-and-Play” models allow for quick installation
- Multiple flash pattern options
- Three-year warranty

Model	Description	List Price
FHL-CHG	Flasher, Headlight, 2015-2024 Dodge Charger (halo only), 2015-2023 Dodge Durango (fog only)	\$142.00
FHL-HL	Flasher, Headlight, positive-side switched systems, 18-inch wire leads, (2) 10 A outputs, multiple flash patterns	124.00
FHL-TAIL	Flasher, Taillight, Multi-vehicle applications, 18-inch wire leads	134.00

Headlight/Taillight Flashers Vehicle Chart

Vehicle	Headlight	Taillight
Ford Expedition (Halogen headlights only), 2018-2023	FHL-CHG	FHL-TAIL
Chevrolet Tahoe, 2015-2020	FHL-HL	FHL-TAIL
Chevrolet Tahoe, 2021-2024	N/A	FHL-TAIL
Dodge Charger, 2015-2024	N/A	FHL-TAIL
Dodge Durango (Fog lights only), 2015-2023	FHL-CHG	FHL-TAIL
Ford Police Interceptor Utility, 2016-2019	FHL-HL	FHL-TAIL
Ford Police Interceptor Utility, 2020-2024	N/A	FHL-TAIL
Ford F-150 (Halogen headlights only), 2015-2023	FHL-CHG	FHL-TAIL



Opticom®

- Infrared LED and strobe traffic pre-emption emitters
- Internal-mount and external-mount emitter available
- Some models available with mounting brackets for attachment to FS light bars
- Five-year warranty



Model	Description	List Price
Opticom emitters with light bar mounting brackets		
795H-EXTB-D	GTT 795H emitter/bracket for attaching to driver-side of Valor®, Integrity®, Vision® SLR, Legend®, Navigator®, Allegiant®, Reliant™ and Split Vision SLR light bars	\$2,702.00
795H-EXTB-P	GTT 795H emitter/bracket for attaching to passenger-side of Valor, Integrity, Vision SLR, Legend Navigator, Allegiant, Reliant and Split Vision SLR light bars	2,702.00
Opticom emitters		
794-AH	794 infrared LED emitter, suitable for external use	2,685.00
3M792H	792 strobe emitter, suitable for external use	3,099.00

Note

- Opticom emitters must be mounted behind clear domes
- 795H-EXTB-D/-P are not intended for use with the low profile mounting foot option

Commander® 3" Compartment Lights

- Standard 3" round surface mount compartment lights with an aluminum base
- Surface mount alleviates the need to do full body cutouts
- Low-profile design allows for versatile mounting options
- All models include bolt or adhesive mount for added flexibility in mounting
- Dual-color compartment lights allow for separate control of colors
- Red LED compartment lights are ideal for improved nighttime vision in compartments
- Chrome flange and rubber grommet available
- Five-year warranty



Model	Description	List Price
3-inch Round, Single-Color, Compartment Light, Surface Mount		
COM3SWC	(6) LEDs, light head, White LEDs, Clear lens	\$85.00
3-inch Round, Dual-Color, Compartment Light, Surface Mount		
COM3SRWC	(6) LEDs, light head; (3) LEDs Red, (3) LEDs White	95.00
Accessories and Kits		
COM3FLANGEC	3-inch round chrome flange for COM3 lights	16.00
COM3GROMMET	Kit, Grommet for COM3 lights	14.00

Commander® 5" LED Interior Light

- Low-profile surface mount rectangular dome/compartment light—less than 3/4" thick
- Durable polycarbonate Clear lens
- 12 Vdc
- 540 raw lumen output, 380 effective lumen output
- Five-year warranty



Model	Description	List Price
COMINT5-W	(9) LEDs, 380 lumens, surface mount, White, Clear lens	\$44.00

Effective January 22, 2024

Ford Police Interceptor Utility

Model	Description
Light Bar Mounts and other Roof-mounted Kits	
HKB-FPIU20-HP	Hook required with hook-on mount, 44-, 45-, 46-, 48-, 51- and 53-inch light bars, Ford Police Interceptor Utility, 2020-2024
HKB-FPIU20-44-HP	Hook required with hook-on mount, 44- and 46-inch Valor® and VSLR light bars using standard foot, Ford Police Interceptor Utility, 2020-2024
Z865300717	Spacer kit for use when mounting external Opticom on Legend, Allegiant, or Integrity light bars
Pathfinder OBDII Integration Cables	
OBDCABLE6-2	6-ft OBDII interface cable, for use on Ford Police Interceptor Utility, 2020-2024
OBDCABLE25-2	25-ft OBDII interface cable, for use on Ford Police Interceptor Utility, 2020-2024
Audible Warning Brackets	
ESBL-FPIU20	Combination bracket kit— (1) ES100C and (2) MPS series lights behind grille, will not work on hybrid models
ESB-FPIU20NDB	No drill, bracket only— (1) ES100C or (1) AS124, compatible with push bumpers
ESB2-FPIU20NDB	No drill, dual speaker bracket only— (2) ES100C or (2) AS124, compatible with push bumpers
ESB-U	Multi-vehicle bail bracket, ES100C
RBS-FPIU20ND	(1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Ford Police Interceptor Utility, 2020-2024
RBC2-FPIU20ND	(2) Compact, no drill, (1) passenger side bracket and (1) driver side bracket, Ford Police Interceptor Utility, 2020-2024
Grille Light Brackets	
IPX-GRL16	Single, no drill, grille bracket with hardware, horizontal mount orientation, each bracket holds (2) MPS series lights, Ford Police Interceptor Utility, 2020-2024
IPX-GRL17	Pair of lower grille brackets with hardware, horizontal mount orientation, each bracket holds (2) MPS3U/MPS6U lights, Ford Police Interceptor Utility, 2020-2024
MPSM6U-FPIU20GCO	Kit of two grille cutout brackets, adapts (2) MPS6U lights to OEM grille cut-outs, Ford Police Interceptor Utility, 2020-2024
ESBL-FPIU20	Combination bracket kit— (1) ES100C and (2) MPS series lights behind grille, will not work on hybrid models
SLB-001	Long L-bracket, CN SignalMaster™, in lower portion of grille
MPSC-(color)	MicroPulse® C Series lights will mount into the recessed area of the grille that Ford provides to accommodate grille lights
Fog Light Area	
MicroPulse Ultra	MPS3U, MPS6U, and MPS12U lights will fit surface mounted to plastic filler, non-fog light equipped models
MPS6U-FPIU20FOG	Pair of fog light brackets, each bracket holds (1) MPS3U/MPS6U light, Ford Police Interceptor Utility, 2020-2024
Hood Mount Lights	
MPS650 or MPS652	MicroPulse 6, (6) LEDs, Split- or dual-color
License Plate Light Brackets	
MPSM-LPH1	Horizontal license plate bracket, mounts (2) MPS3U/MPS6U/MPSC lights, fits most vehicles
IPX-LPV1	Flat surface license plate mount, various vehicles without recessed plate mounting locations, bracket holds (2) MPS3U lights
IPX-LPV2	Adjustable license plate mounting kit to mount 1 MPS3U/MPS6U/MPS12U light vertically to each side of license plate
MPSM6-LPV1	Adjustable license plate mounting kit to mount 2 MPS6U lights vertically to each side of license plate
Interior Front Headliner	
SIFMS	SpectraLux® ILS Low-Profile, 8-head Split Front, Center-focused style
SIFMP	SpectraLux ILS Low-Profile, 4-head, Passenger-side only, Center-focused style
XSMBKT01	Multi-vehicle headliner mount bracket for single- or dual-head models XStream series
XSMBKT03	Slip-on visor mount kit for use with single- or dual-head model XStream series
XSMBKT11	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Ford Police Interceptor Utility, 2020-2024

Ford Police Interceptor Utility—Continued

Model	Description
Side Mirror Brackets	
MPSM6U-FPIU20SMW	Kit of two 20-degree rubber mounting wedges, each wedge mounts (1) MPS6U light to each side mirror arm, Ford Police Interceptor Utility, 2020-2024
MPSMW9-FPIU20MIR	Pair of side under-mirror brackets, each bracket holds (1) MPSW9 light, Ford Police Interceptor Utility, 2020-2024
Side Wheel Arch	
MPSM6U-FPIU20WW	Kit of four rubber mounting wedges, each wedge mounts (1) MPS6U light to each of the four wheel arch moldings, Ford Police Interceptor Utility, 2020-2024
Side Window	
MicroPulse Ultra	MPS3U, MPS6U, and MPS12U lights will fit in this location using MPSM3-, MPSM6-, or MPSM12- “LB” or “DL” bracket
XStream	XSM1/XSM2 models will fit with included mounting brackets
Interior Rear Headliner	
CNSM-RBK1	Mount kit for installing 8-head CN SignalMaster® in Ford Police Interceptor Utility, 2013-2024
SLB-002	Short L-bracket, CN SignalMaster or Latitude®
MBK01	Bracket for mounting message board in rear headliner of Ford Police Interceptor Utility, 2013-2024
SIFMH	SpectraLux® ILS Low-Profile, 8-head Rear Hatch, Center-focused style, Ford Police Interceptor Utility, 2020-2024
XSMBKT03	Multi-vehicle headliner mount bracket for single- or dual-head models XStream series
Bottom of Rear Hatch	
MicroPulse Ultra	MPS3U and MPS6U lights will fit in this location on Ford Police Interceptor Utility
416300 Series	416300 light will fit in this location on Ford Police Interceptor Utility
Lower Rocker Area	
MicroPulse Ultra	MPS3U/MPS6U can be mounted on the lower side door, 1-2 wedges needed
MicroPulse Ultra	MPS3U/MPS6U can be mounted to rocker trim with MPSM3-LB or MPSM6-LB
Spoiler Brackets	
MPSM6-FPIU20RS1	2020-2024 Ford Interceptor Utility spoiler bracket kit, (2) MPS6U lights
MPSM6-FPIU20RS2	2020-2024 Ford Interceptor Utility spoiler bracket kit, (6) MPS6U lights
MPSM6-FPIU20RS3	2020-2024 Ford Interceptor Utility spoiler bracket kit, (4) MPS6U lights
Headlight/Taillight Options	
416900Z/416910Z Corner LEDs	416900Z/416910Z Corner LEDs can be mounted in the standard headlight assembly (not compatible with 66A or 67H packages) and can be mounted in the taillight when Ford Option 86T is ordered
FHL-TAIL	Flasher, Taillight, multi-vehicle applications, 18-inch wire leads
416900-VHB	3M™ VHB™ no-drill mount for Ford Interceptor Utility, 2020-2024 with standard headlight assembly and taillight when Ford option 86T is ordered, 4-pack
EXPHARN03	Rear taillight connection wire harness for use with rear expansion module, Ford Police Interceptor Utility, 2020-2024
Push Bumpers and Accessories	
DFC-PB-FPIU20	Push bumper, Ford Police Interceptor Utility, 2020-2024
DFC-LG-FPIU20	Lower guards for use with Ford Police Interceptor Utility, 2020-2024, push bumper
DFC-UG-FPIU20	Upper guards for Ford Police Interceptor Utility, 2020-2024, push bumper
DFC-TC2L	Two-Light top-channel for Ford Police Interceptor Utility, 2020-2024, push bumper, use with MPS6U lights
DFC-TC4L	Four-Light top-channel for Ford Police Interceptor Utility, 2020-2024, push bumper, use with MPS6U lights
DFC-TCP	Solid top-channel for Ford Police Interceptor Utility, 2020-2024, push bumper
DFC-WC-FPIU20	Wire covers for use with Ford Police Interceptor Utility, 2020-2024, push bumper

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Chevrolet Tahoe

Model	Description
Light Bar Mount and Other Roof-mounted Kits	
HKB-TAH21-44-HP	Hook required with hook-on mount, 44-, 45-, 46-, and 48-inch light bars, Chevrolet Tahoe, 2021-2024
HKB-TAH21-HP	Hook required with hook-on mount, 51- and 53-inch light bars, Chevrolet Tahoe, 2021-2024
Z865300732	2-inch riser mount kit for Allegiant®, Integrity®, Legend® or LPX, used when mounting external Opticom
Z865300717	Spacer kit for use when mounting external Opticom on Legend, Allegiant, or Integrity light bars
Pathfinder OBDII Integration Cables	
OBD-CABLE8-GMCAN	8-ft OBDII interface cable, for use on Chevrolet Tahoe, 2021-2024
OBD-CABLE20-GMCAN	20-ft OBDII interface cable, for use on Chevrolet Tahoe, 2021-2024
Audible Warning Brackets	
ESB2-TAH21ND	No drill bracket kit for mounting (1) or (2) ES100C speakers(s) in the grille of Chevrolet Tahoe, 2021-2024
ESBL2-TAH21ND	No drill bracket kit for mounting (1) or (2) ES100C speakers(s) and (2) MPS series lights in the grille of Chevrolet Tahoe, 2021-2024
ESB-U	Multi-vehicle bail bracket, ES100C
RBS-TAH21ND	(1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Chevrolet Tahoe, 2021-2024
RBC2-TAH21ND	(2) Compact, no drill, (1) passenger side bracket and (1) driver side bracket, Chevrolet Tahoe, 2021-2024
Grille Light Bracket	
MPSM6-GRL2	Pair of grille brackets, each bracket holds (1) MPS6U light behind grille, Chevrolet Tahoe, 2021-2024
MPSM6-GRL3	Pair of grille brackets, each bracket holds (2) MPS6U light outside of grille, each side of bowtie, Chevrolet Tahoe, 2021-2024
CNSM-TAH21	4-head CNSM grille mounting bracket kit, Chevrolet Tahoe, 2021-2024
Hood Mount Lights	
MPS650 or MPS652	MicroPulse® 6, (6) LEDs, Split or Dual Color
License Plate Light Bracket	
MPSM-LPH1	Horizontal license plate bracket, mounts (2) MPS3U/MPS6U/MPSC lights, fits most vehicles
MPSM6-LPV1	Vertical mount license plate brackets, each bracket holds (2) MPS6U light heads on each side
MPSM6-LPH1	Horizontal license plate mount, (2) MPS6U, MPS12U, MPBW9 lights
IPX-LPV2	Adjustable license plate mounting kit to mount light heads to the license plate of popular vehicles, bracket holds (2) MPS3U/MPS6U/MPS12U lights
Rear Side Windows	
XStream	XSM1/XSM2 models will fit with included mounting brackets

Chevrolet Tahoe—Continued

Model	Description
Interior Front Headliner	
SIFMS	SpectraLux® ILS Low-Profile, 8-head Split Front, Center-focused style
SIFMP	SpectraLux ILS Low-Profile, 4-head Passenger-side only, Center-focused style
XSMBKT01	Visor mount kit for use with XSM1/XSM2 lights
XSMBKT03	Headliner mount bracket for use with XSM1/XSM2 lights
XSMBKT14	Visor mount kit for use with (1) XSM1/XSM2 and (2) cameras (forward and rear facing), Chevrolet Tahoe, 2021-2024
Bottom of Rear Hatch	
416300 w/416302	416300 series lights will fit in this location on Chevrolet Tahoe, 2021-2024
Rear Interior	
SLB-001	Bracket can be used to mount 8-head CN SignalMaster/Latitude to the rear headliner
SLB-002	Bracket can be used to mount 4-head CN SignalMaster/Latitude across the top of rear side cargo windows
XStream	Can be mounted in Rear Side Cargo Windows and interior of Chevrolet Tahoe, 2015-2024
SIFMH	SpectraLux ILS Low-Profile, 8-head Rear Hatch, Center-focused style
Spoiler Bracket	
MPSM6-TA21RS	6-head MPS6U spoiler bracket kit, Chevrolet Tahoe, 2021-2024
MPSM6-TA21RS1	2-head MPS6U spoiler bracket kit, Chevrolet Tahoe, 2021-2024
Side Mirror Bracket	
MPSMW9-TAH21MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Tahoe 2021-2024
Headlight/Taillight Flashers	
FHL-TAIL	Flasher, Taillight, multi-vehicle applications, 18-inch wire leads
416900Z and 416910Z	Corner LEDs with in-line flasher
EXPHARN05	Rear taillight connection wire harness for use with rear expansion module, Chevrolet Tahoe, 2021-2023
EXPMOD-2	18-Channel Expansion Module with taillight blackout capability
Push Bumper and Accessories	
DFC-PB-TAH21	Push bumper, 2021-2024 Chevrolet Tahoe
DFC-LG-TAH21	Lower guards for use with 2021-2024 Chevrolet Tahoe push bumper
DFC-UG-TAH21	Upper guards for 2021-2024 Chevrolet Tahoe push bumper
DFC-TC2L-1	Two-Light top-channel for Chevrolet Tahoe push bumper, use with MPS6U lights
DFC-TC4L-1	Four-Light top-channel for Chevrolet Tahoe push bumper, use with MPS6U lights
DFC-TCP-1	Solid top-channel for Chevrolet Tahoe push bumper
DFC-WC-TAH21	Wire covers for use with 2021-2024 Chevrolet Tahoe push bumper

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Chevrolet Silverado 1500

Model	Description
Light Bar Mounts	
HKB-TAH21-44-HP	Hook required with hook-on mount, 44-, 45-, 46-, and 48-inch light bars, Chevrolet Silverado 1500 Crew Cab, 2019-2023
HKB-UNH4	Hook required with hook-on mount, 44-, 45-, 46-, and 48-inch light bars, Chevrolet Silverado 1500 Single and Extended Cab, 2019-2023
HKB-UNH3	Hook required with hook-on mount, 51-, and 53-inch light bars, Chevrolet Silverado 1500 Single and Extended Cab, 2019-2023
HKB-TAH21-HP	Hook required with hook-on mount, 51-, and 53-inch light bars, Chevrolet Silverado 1500 Crew Cab, 2019-2023
Audible Warning Brackets	
ESB-U	Multi-vehicle bail bracket, ES100C
ESBL2-SIL19ND	Kit, no drill, combination bracket kit — (1) or (2) ES100C and (2) MPS6U/MPS12U/MPSW9 lights behind grille, will work with active shutters, Chevrolet Silverado 1500/1500 LTD, 2019-2022
ESBL2-SIL22ND	No drill, combination dual bracket kit — (2) ES100C and (2) MPS lights behind grille, Chevrolet Silverado, 2022-2023
Interior Front Headliner	
SIFMS	SpectraLux® ILS Low-Profile, 8-head Split Front, Center-focused style, 2019-2023
SIFMP	SpectraLux ILS Low-Profile, 4-head Passenger-side only, Center-focused style, 2019-2023
XSMBKT01	Visor mount kit for use with XSM1/XSM2 lights
XSMBKT03	Visor mount kit for use with XSM1/XSM2 lights
Interior Rear Headliner	
SLB-SIL19ND	8-head bracket for CNSM or Latitude™, no drill, Silverado 2019-2023
Side Mirror Bracket	
MPSMW9-SIL19MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado 1500 2019-2023

Dodge Ram SSV/Classic

Model	Description
Light Bar Mount	
HKB-FRD9	Hook required with hook on mount, 48-, 51-, and 53-inch light bars, Dodge Ram SSV/Classic, 2016-2023
Audible Warning Brackets	
ESB-U	Multi-vehicle bail bracket, ES100C
ESBL-RAM16	Bracket, ES100C and (2) MPS series lights (Not compatible with active air shutters), Dodge Ram SSV/Classic, 2016-2023
Interior Front Headliner	
XSMBKT01	Visor mount kit for use with XSM1/XSM2 lights
XSMBKT03	Headliner mount bracket for use with XSM1/XSM2 lights, Dodge Ram SSV/Classic, 2016-2023
Rear Side Window Light Bracket	
XStream	XSM1/XSM2 models will fit with included mounting brackets, Dodge Ram SSV/Classic, 2016-2023

Dodge Charger

Model	Description
Light Bar Mount	
HKB-LPCHGR11-HP	Hook required with hook-on mount, 44-, 45-, 46-, 48-inch light bars, Dodge Charger, 2011-2024
Pathfinder OBDII Integration Cables	
OBDCABLE6-DGCAN	6-ft OBDII interface cable
OBDCABLE25-DGCAN	25-ft OBDII interface cable
Audible Warning Brackets	
ESB-CHGR15	Kit, combination bracket for mounting, (1) ES100C and (2) MPS6U/MPS12U lights behind the grille, Dodge Charger, 2015-2024, does not mount with Rumbler
ESB2-CHGR15	Bracket kit for mounting (2) ES100C speakers behind the grille, Dodge Charger, 2015-2024
ESB-U	Multi-vehicle bail bracket, ES100C, mounts with or without Rumbler
ESB-CHGR15ND	No drill, (1) ES100C, mounts speaker to hood latch assembly, Dodge Charger, 2015-2024
RBS-CHGR15	(1) Rumbler® Solo or (1) Compact, no drill, passenger side bracket, Dodge Charger, 2015-2024
750501-09	AS124 speaker mounting bracket, Dodge Charger, 2015-2024
Grille light Brackets	
IPX-GRL8	Pair of grille brackets, each bracket holds (1) MPS3U/MPS6U/MPS12U, horizontal mount orientation, Dodge Charger, 2015-2024, does not mount with Rumbler
License Plate Light Brackets	
IPX-LPV1	Flat surface license plate mount, various vehicles without recessed plate mounting locations, bracket holds (2) MPS3 lights
IPX-LPV2	Adjustable license plate bracket, mounts (2) MPS3U/MPS6U/MPS12U lights to the license plate of popular vehicles
MPSM6-LPV1	Vertical mount license plate brackets, each bracket holds (2) MPS6U light heads on each side
MPSM-LPH1	Horizontal license plate bracket, mounts (2) MPS3U/MPS6U/MPSC lights, fits most vehicles
Interior Front Headliner	
SIFMS	SpectraLux® ILS Low-Profile, 8-head Split Front, Center-focused style, Dodge Charger, 2011-2024
SIFMP	SpectraLux ILS Low-Profile, 4-head Passenger-side only, Center-focused style, Dodge Charger, 2011-2024
XSMBKT01	Slip-on visor mount kit for use with single- or dual-head model XStream series
XSMBKT03	Multi-vehicle headliner mount bracket for single- or dual-head models XStream series
XSMBKT07	Visor mount kit for use with (1) XSM1/XSM2 and (2) cameras (forward and rear facing), Dodge Charger, 2011-2024
Side Mirror Bracket	
MPSMW9-CHGR11MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Charger, 2011-2024
Rear Side Window	
MPSM6U-BP1	Pair of B Pillar brackets, each bracket holds (1) MPS6U light, Dodge Charger, 2011-2024
MPS650 or MPS652	MicroPulse® 6, (6) LEDs, Split- or dual-color
Interior Rear Deck	
SIFMR	SpectraLux ILS Low-Profile, 8-head Rear Deck, Center-focused style, Dodge Charger, 2011-2024
XStream	Single- or dual-head models
Headlight/Taillight Flashers	
FHL-TAIL	Flasher, taillight, multi-vehicle applications, 18-inch wire leads
EXPHARN01	Rear taillight connection wire harness for use with rear expansion module, Dodge Charger, 2015-2024

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Dodge Durango

Model	Description
Light Bar Mount	
HKB-DUR11-HP	Hook required with hook-on mount, 44-, 45-, 46-, 48-, 51- and 53-inch light bars, Dodge Durango, 2015-2023
Pathfinder OBDII Integration Cables	
OBD-CABLE6-DGCAN	6-ft OBDII interface cable
OBD-CABLE25-DGCAN	25-ft OBDII interface cable
Audible Warning Brackets	
ESB-DUR15	Kit, combination bracket for mounting (1) ES100C and (2) MPS6U/MPS12U/MPSW9 lights, Dodge Durango, 2015-2023
ESBL2-DUR21ND	Kit, no drill, combination dual bracket kit — (2) ES100C and (2) MPS3U/MPS6U/MPS12U/MPSW9 lights behind grille, Dodge Durango, 2021-2023
ESB-U	Multi-vehicle bail bracket, ES100C 2021-2023 (2) ES100C only
RBS-DUR21ND	(1) Rumbler® Solo or (1) Compact, no drill, passenger side bracket, Dodge Durango, 2019-2023
RBC2-DUR21ND	(2) Compact, no drill, (1) passenger side bracket and (1) driver side bracket, Dodge Durango, 2019-2023
750501-08	Kit, AS124 mounting bracket, Dodge Durango, 2015-2023, does not mount with Rumbler
License Plate Light Bracket	
MPSM-LPH1	Horizontal license plate bracket, mounts (2) MPS3U/MPS6U/MPSC lights, fits most vehicles
Interior Front Headliner	
SIFMS	SpectraLux® ILS Low-Profile, 8-head Split Front, Center-focused style, Dodge Durango, 2016-2023
SIFMP	SpectraLux ILS Low-Profile, 4-head Passenger-side only, Center-focused style, Dodge Durango, 2016-2023
XSMBKT01	Slip-on visor mount kit for use with single- or dual-head model XStream® series
XSMBKT03	Multi-vehicle headliner mount bracket for single- or dual-head models XStream series
XSMBKT12	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Dodge Durango, 2011-2023
Rear Side Window Light Brackets	
XStream	Single- or dual-head models
MPS650 or MPS652	MicroPulse® 6, (6) LEDs, Split- or dual-color
Interior Rear Headliner	
MBK06	Bracket for mounting message board in rear headliner of Dodge Durango, 2011-2023, must be used with MB1-BNRW
SIFMH	SpectraLux ILS Low-Profile, 8-head Rear Hatch, Center-focused style, Dodge Durango, 2018-2023
XStream	Rear Side Cargo Windows
SLB-002	Short L-bracket, Rear hatch window, CN SignalMaster or Latitude
Bottom of Rear Hatch	
MicroPulse Ultra	MPS3U and MPS6U lights will fit in this location on Dodge Durango, 2011-2023
Spoiler Bracket	
MPSM6-DU15RS	Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Dodge Durango, 2015-2020
MPSM6-DU22RS	Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Dodge Durango, 2022-2023
Taillight Flashers	
FHL-TAIL	Flasher, taillight, multi-vehicle applications, 18-inch wire leads
EXPHARN04	Rear taillight and rear liftgate lighting connection wire harness for use rear expansion module, Dodge Durango, 2018-2023
Push Bumper Accessories	
DFC-PB-DUR21	Push bumper, Dodge Durango, 2021-2023
DFC-LG-DUR21	Lower guards for use with Dodge Durango, 2021-2023, push bumper
DFC-UG-DUR21	Upper guards for Dodge Durango, 2021-2023 push bumper
DFC-TC2L-2	Two-Light top-channel for Dodge Durango, 2021-2023, push bumper, use with MPS6U lights
DFC-TC4L-2	Four-Light top-channel for Dodge Durango, 2021-2023, push bumper, use with MPS6U lights
DFC-TCP-2	Solid top-channel for Dodge Durango, 2021-2023, push bumper
DFC-WC-DUR21	Wire covers for use with Dodge Durango, 2021-2023, push bumper

Ford F-150 Responder

Model	Description
Light Bar Mounts	
HKB-FRD15-44-HP	Hook required with hook-on mount, 44-, 45-, 46-, and 48-inch light bars, 51- and 53-inch light bars with low-profile foot, Ford F-150 Crew Cab, 2015-2023
HKB-UNH7	Hook required with hook-on mount, 44-, 45-, 46-, and 48-inch light bars, 51- and 53-in light bars with low-profile foot, Ford F-150 Single and Extended Cab, 2015-2023
HKB-FRD15-HP	Hook required with hook-on mount, 51- and 53-inch light bars with standard height foot, Ford F-150 Crew Cab, 2015-2023
HKB-UNH6	Hook required with hook-on mount, 51- and 53-inch light bars with standard height foot, Ford F-150 Single and Crew Cab, 2015-2023
Pathfinder OBDII Integration Cables	
OBDCABLE6-3	6-ft OBDII interface cable, for use on Ford F-150, 2022
OBDCABLE25-3	25-ft OBDII interface cable, for use on Ford F-150, 2022
Audible Warning Brackets	
ESB2-FRD15ND	No drill bracket kit for mounting (2) ES100C speakers behind the grille utilizing pre-drilled holes of the Ford F-150, 2015-2023, will work with Ecoboost model only, will not fit models with active lower air dam
ESB-U	Multi-vehicle bail bracket, ES100C behind front license plate, non-Ecoboost, Ford F-150, 2015-2023
ESB2-FRD21ND	No drill bracket kit for mounting (2) ES100C speakers behind the grille utilizing pre-drilled holes of the Ford F-150, 2021-2023
RBC2-FRD15ND	Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Ford F-150, 2015-2023
Grille Light Bracket	
IPX-GRL14	Pair of grille brackets with hardware, horizontal mount orientation, each bracket holds (1) MPS3/MPS3U/MPS6/MPS6U lights, Ford F-150, 2018-2023 (Responder, XL, and XLT models)
Interior Front Headliner	
SIFMS	SpectraLux® ILS Low-Profile, 8-head Split Front, Center-focused style, Ford F-150, 2015-2023
SIFMP	SpectraLux ILS Low-Profile, 4-head Passenger-side only, Center-focused style, Ford F-150, 2015-2023
XSMBKT01	Slip-on visor mount kit for use with single- or dual-head model XStream® series
XSMBKT03	Multi-vehicle headliner mount bracket for single- or dual-head models XStream series
XSMBKT10	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Ford F-150, 2015-2023, Ford F-250/350/450/550 Super Duty, 2017-2022
Side Mirror Brackets	
MPSMW9-FRD21MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150, 2021-2023, will not work with tow mirrors
Running Board Bracket	
MPSM6-FRD15RB	(6) Running board brackets, each bracket holds (1) MPS6U light, Ford F-150, 2015-2023 (XL and XLT models)
MPSM6U-FD15UPRB	(6) Upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023
Rear Side Window	
XStream	XSM1/XSM2 models will fit with included mounting brackets
MPS650 or MPS652	MicroPulse 6, (6) LEDs, Split- or dual-color
Interior Rear Headliner	
SLB-FRD15ND	8-head bracket for CNSM or Latitude™, no drill, Ford F-150, 2015-2023 and Super Duty, 2017-2022
XSMBKT03	Multi-vehicle headliner mount bracket for single- or dual-head models XStream series
SIFMR	SpectraLux ILS Low-Profile, 8-head Rear Deck, Center-focused style, Ford F-150, 2015-2023
Headlight/Taillight	
FHL-CHG	Flasher, Headlight, Ford F-150, 2015-2023
FHL-TAIL	Flasher, Taillight, multi-vehicle applications, 18-inch wire leads
Under Tailgate	
MicroPulse Ultra	MPS3U and MPS6U will surface mount between tailgate and bumper area
Push Bumper and Accessories	
DFC-PB-FRD21	Push bumper, 2021-2023 Ford F-150
DFC-LG-FRD21	Lower guards for use with 2021-2023 Ford F-150, push bumper
DFC-UG-FRD21	Upper guards for 2021-2023 Ford F-150 push bumper
DFC-TC2L-2	Two-Light top-channel for 2021-2023 Ford F-150, push bumper, use with MPS6U lights
DFC-TC4L-2	Four-Light top-channel for 2021-2023 Ford F-150, push bumper, use with MPS6U lights
DFC-TCP-2	Solid top-channel for 2021-2023 Ford F-150, push bumper
DFC-WC-FRD21	Wire covers for use with 2021-2023 Ford F-150, push bumper

Warranty

Federal Signal

Effective January 22, 2024

LIMITED WARRANTY TERMS AND CONDITIONS

Effective January 22, 2024

Federal Signal Corporation ("Federal Signal"), subject to the terms, conditions and exceptions contained herein, warrants each NEW product to be free from defects in material and workmanship, under normal and proper use, care, maintenance and required service only. Start of Warranty, Warranty periods and exceptions to the foregoing Limited Warranty are contained on the Schedule of Products included in this document and are subject to change at the sole discretion of Federal Signal.

SPECIFIC EXCLUSIONS AND EXCEPTIONS

This Limited Warranty does NOT apply nor is it extended to products that are not manufactured by Federal Signal. These products may be covered by a separate limited warranty provided by the particular manufacturer and all claims and questions regarding the same are to be directed to the particular manufacturer. Goods sourced by Seller from a third party for resale to Buyer shall carry only the warranty extended by the original manufacturer.

Domes, lenses, lamps and batteries installed on Federal Signal products are specifically excluded. Repair or replacement of any product(s) or part(s) under this warranty does NOT extend the term of this warranty, and such product(s) or part(s) shall remain covered by the unexpired portion of the warranty period or for ninety (90) days from the date of return to Federal Signal, whichever is later. This limited warranty applies ONLY to the initial or first installation of the product. This limited warranty shall not apply to products (1) that have been subjected to neglect, abuse, misuse, improper installation, inadequate maintenance, or damage due to improper use of cleaning or cleaning materials or chemicals, or non-compliance with Federal Signal's storage, installation, operation, maintenance or environmental requirements; (2) that have undergone any modification or repair not previously authorized by Federal Signal in writing, or service, repair or modification by or from any facility other than an authorized Federal Signal service center or technician, or that use non-authorized software or spare or replacement parts; or (3) that fail due to reasonable and normal use or wear and tear, or materials made, furnished or specified by the Buyer or end user.

During the specific warranty periods set forth below, Federal Signal will, at its sole option, repair or replace the product(s) or particular part(s) that are found to be defective in either material or workmanship or, in its sole discretion refund the purchase price for such product(s) or part(s), which are returned or delivered, transport or shipping prepaid by the Buyer or end user, to either Federal Signal or its designated and authorized warranty service center. This limited warranty does not cover travel expenses, the cost of specialized equipment for gaining access to the product(s) or part(s), or labor charges for removal and re-installation of the product.

No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties, to extend the term or duration of this warranty, or to assume any other liability on behalf of Federal Signal in connection with the sale, servicing or repair of any product manufactured by the Federal Signal.

Federal Signal reserves the right to make design changes and improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

The use in the product of any part other than parts approved by Federal Signal may invalidate this warranty. Federal Signal reserves the right to determine, in its sole discretion, if the use of non-approved parts invalidates this warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND REGARDLESS OF ANY FAILURE OF ESSENTIAL PURPOSE. ALL OTHER WARRANTIES OF WHATSOEVER KIND AND NATURE, WHETHER EXISTING IN CONTRACT OR AT LAW, ARE HEREBY AND FOREVER DISCLAIMED.

UNDER NO CIRCUMSTANCES WILL FEDERAL SIGNAL BE LIABLE OR RESPONSIBLE FOR SPECIAL, COMPENSATORY, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, LOST PROFITS, LOST SALES, OR LOSS OF USE OR LOSS OF BUSINESS OPPORTUNITY BY OR THROUGH THE USE OF THE PRODUCT. FEDERAL SIGNAL'S SOLE AND MAXIMUM LIABILITY WITH RESPECT TO THE PRODUCT, OTHER THAN ITS OBLIGATIONS SET FORTH ABOVE, SHALL BE THE TOTAL PURCHASE PRICE PAID FOR THE PRODUCT.

LIMITED WARRANTY—Schedule of Products

Effective January 22, 2024

	Warranty Period for Parts replacement from the date of manufacture stamped on the product	Warranty period for Factory Labor from the date of delivery to the first user-purchaser
STANDARD WARRANTY COVERAGE		
AUDIBLE		
Mounts, brackets, all other products not specifically listed below	3 years	3 years
Speakers	2 years	1 year
Pathway	5 years	5 years
Pathfinder	5 years	5 years
LED PRODUCTS		
All LED (Light Emitting Diode) products unless otherwise noted	5 years	5 years
LED rotating light assemblies from all light bars and beacons	5 years	5 years
MicroPulse LED lights (shipped prior to January 1, 2021)	3 years	3 years
MicroPulse LED lights (shipped on or after January 1, 2021)	5 years	5 years
416300 Series (shipped prior to January 1, 2021)	3 years	3 years
416300 Series (shipped on or after January 1, 2021)	5 years	5 years
MB1 LED Message Board	3 years	3 years
Commander Series Flex	3 years	3 years
4200S-A Perimeter Light	3 years	3 years
4200/8200S SignalMaster	3 years	3 years
SignalTech Lights	3 years	3 years
ICON Series	3 years	3 years
OTHER PRODUCTS		
Littlite Map lights	5-year warranty on LED components Limited lifetime warranty on mechanical components	5-year warranty on LED components Limited lifetime warranty on mechanical components
Reverse Camera Systems	3 years	3 years
Stinger Spike Systems	5 years	5 years
DFC Push Bumper Series	3 years	3 years
FSLink Programmer	1 year	1 year
Atkinson Dynamics Intercoms	2 years	1 year
Switch Boxes SW200, SW300, SW400SS	3 years	3 years
Note: Domes, lenses, lamps, and batteries are NOT covered under warranty.		



www.fedsig.com

2645 Federal Signal Drive
University Park, IL 60484
(708) 534-3400

Customer Support:

(800) 264-3578
policefireorders@fedsig.com

Service Department:

(800) 433-9132
empserviceinfo@fedsig.com

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All others indicated are trademarks of Federal Signal Corporation.

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SECTION 2: CATALOG DISCOUNT OFF LIST %		
Fire Price Book		
Vendor Name:	Federal Signal Corporation	
Contact Person Name (Customer Service):	Kim Horvat	
Street Address:	2645 Federal Signal Drive	
P.O. Box:		
City, State, Zip	University Park, IL 60484	
Phone #:	708-534-3400	
Toll Free #:	800-264-3578	
Email Address:	khorvat@federalsignal.com	
Website:	www.fedsig.com	
Spec. Number	Information Requested	Answer
2.1	Catalog Info	
2.1.1	Manufacturer:	Federal Signal Corporation
2.1.2	Pricelist/Catalog Date/Pricelist Catalog ID:	FIRE PRICE BOOK M130-DATED JANUARY 22, 2024
2.2	Percentage Discount- Pricelist/Catalog Pricing	
2.2.1	Discount Off Pricing Listed in Catalog:	45% OFF LIST
2.3	Standard Material Warranty	
2.3.1	Warranty (hours, months, or years):	5 Year Warranty



LIGHTS & SIRENS

PRICE BOOK | 2024



SAFETY SIGNALING SOLUTIONS

www.fedsig.com

THE DRIVING FORCE™**TECHNOLOGY****EXCLUSIVE TO FEDERAL SIGNAL, THESE TECHNOLOGIES ARE IDENTIFIED BELOW.**

Federal Signal is The Driving Force™ behind the technology that provides safe and reliable emergency warning for first responders. It is our commitment to engineer the most reliable and high-performing products for your emergency vehicle.



FS CONVERGENCE NETWORK enables true “plug-and-play” installation and programming.



FSLINK® is an embedded software technology incorporating a shared set of flash patterns within Federal Signal's LED mini-lightbars, beacons, and warning lights. This shared set of flash patterns and a common color-coded, five-conductor cable allows the various products to be wired together, set in a common pattern, and then synchronized together to flash simultaneously or alternately.



FSJOIN™ is a programming compatibility feature of Federal Signal's light bars, exterior/interior warning lights, sirens, and controllers. This technology provides users with a highly customizable visual/audible vehicle warning system.



HOTFOOT® lighted mounting feet accommodate LED takedown and alley lights.



SPECTRALUX® multicolor LED technology provides the ability for a single light head to change color while in operation.



Q-SIREN® The sound of the Q-Siren® is a registered trademark of Federal Signal Corporation, and it provides a distinct, recognizable long-distance warning.



ROC (RELIABLE ONBOARD CIRCUITRY™) technology eliminates approximately 85% of connection failure points found in a typical light bar.



RUMBLER® Ideal for dense urban environments, Rumbler® is a low-frequency siren that works simultaneously with a primary siren tone to penetrate solid material allowing vehicle operators and nearby pedestrians to feel the sound waves.



SLR (SOLARIS® LED ROTATOR) maximizes the LED light source for full light coverage. SLR rotators provide rotating, oscillating, flashing, and flood light functionality.



SOLARIS® LED reflector technology maximizes optical efficiency and provides superior off-axis warning.



V-SHAPE® light bar is mechanically designed to have a non-linear shape (V-Shape), providing an advantage in terms of off-axis warning performance compared to light bars with a traditional linear shape.



Ask your local Federal Signal Representative how you can experience the latest in lighting and siren systems.

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LIMITED WARRANTY TERMS AND CONDITIONS..... 80**General Notes**

1. All voltage is 12 Vdc unless marked otherwise. Contact the factory for pricing and availability of 24 V models.
2. A copy of the Federal Signal warranty and Terms and Conditions that accompany these products can be found at www.fedsig.com.
3. Most products are available in Amber, Blue, Red and White. Some products are available in Green. Consult product data sheets or contact the factory for more information.
4. Base models of light bars and other configured products are not available without installed options.
5. For detailed information on how to order, consult the product data sheets or contact the factory at 800-264-3578.
6. When installing equipment inside airbag equipped vehicles, the installer must ensure that the equipment is installed only in areas recommended by the vehicle manufacturer.
7. Prices for light bars do not include controls (purchase separately) unless otherwise noted.
8. Pricing subject to change without notice.

Light Bars

Federal Signal

Effective January 22, 2024

Light Bar Feature Comparison

	Navigator®	Vision® SLR	Allegiant® Discrete	21" Allegiant®	Allegiant® Serial	Reliant™	Valor®	Integrity®
Solaris® LED Reflector Technology	•	•	•	•	•	•	•	•
SpectraLux® Multicolor LED	•	•	•	•	•	•	•	•
ROC (Reliable Onboard Circuitry™)			•	•	•	•	•	•
FS Convergence Network	•	•	•	•	•	•	•	•
FSJoin™					•	•	•	•
SLR (Solaris® LED Rotator)	•	•						
HotFoot®*							•	
Available lengths (inches)	10, 18, 25, 45, 53, 60, 73, 87	46, 53, 60	45, 53, 61, 70	21	45, 53, 61, 70	48	44, 51	44, 51
Non-Linear / V-Shape		•					•	
Low-profile			•	•	•	•	•	•
2-Color Capability	•	•	•	•	•	•	•	•
3-Color Capability		•					•	•
LED Colors	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White
Dome Colors	Amber, Blue, Clear, Red	Amber, Blue, Clear, Green, Red	Amber, Black, Blue, Clear, Gray, Red	Amber, Clear, Gray, Red	Amber, Black, Blue, Clear, Gray, Red	Red	Clear	Clear
LED Takedown and Alleys	•	•	•	•	•	•	•	•
LED SignalMaster™	•	•			•	•	•	•
Flood Lighting	•	•		•	•	•	•	•
Dimming	•	•	•	•	•	•	•	•
Online Configurator	•	•	•	•	•		•	•
Warranty (years)	5	5	5	5	5	5	5	5

* HotFoot is available for use only with standard hook mounts

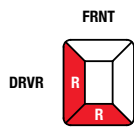
Navigator®

- Multiple lengths available to fit a variety of fleet applications
- SLR rotator optimizes LEDs for a true 360-degree light output
- Solaris® technology incorporated in SLR and QuadraFlare® modules
- Preconfigured models that meet NFPA 1901 and J845 Class 1, GSA-KKK-A-1822F and CCR Title 13
- LEDs available in single- and dual-color combinations of Amber, Blue, Green, Red and White
- Flood light feature illuminates the front of the vehicle and virtually eliminates the need for additional spotlights
- Five-year warranty

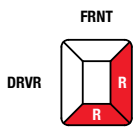


10" Navigator Models

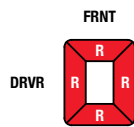
Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	Dome Color	Mirror	Convergence Network/Discrete	Mount	List Price
NVG10D-NFPA21-D	Red	•		Clear		Discrete	Flat	\$847.00
NVG10D-NFPA21-P	Red	•		Clear		Discrete	Flat	847.00
NVG10D-NFPA20	Red	•		Clear		Discrete	Flat	1,207.00
NVG10D-NFPA22-D	Red		•	Clear	Driver-Side	Discrete	Flat	837.00
NVG10D-NFPA22-P	Red		•	Clear	Passenger-Side	Discrete	Flat	837.00



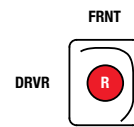
NVG10D-NFPA21-D



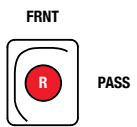
NVG10D-NFPA21-P



NVG10D-NFPA20



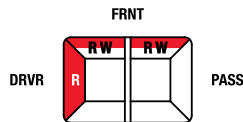
NVG10D-NFPA22-D



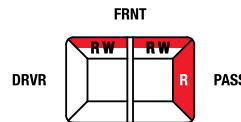
NVG10D-NFPA22-P

18" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	White Light Cut-Off	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount	List Price
NVG18D-NFPA20-D	Red/White	•	•	Clear	Clear	Discrete	4-inch Riser	\$1,390.00
NVG18D-NFPA20-P	Red/White	•	•	Clear	Clear	Discrete	4-inch Riser	1,390.00



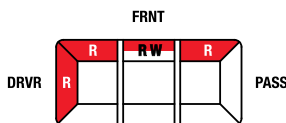
NVG18D-NFPA20-D



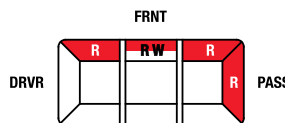
NVG18D-NFPA20-P

25" Navigator Models

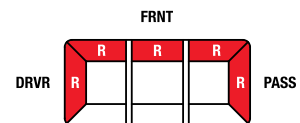
Model	Warning Light Capability	QuadraFlare Stationary Light Heads	White Light Cut-Off	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount	List Price
NVG25D-NFPA20-D	Red/White	•	•	Clear	Clear	Discrete	4-inch Riser	\$1,610.00
NVG25D-NFPA20-P	Red/White	•	•	Clear	Clear	Discrete	4-inch Riser	1,610.00
NVG25D-NFPA21	Red	•		Clear	Clear	Discrete	4-inch Riser	1,750.00



NVG25D-NFPA20-D



NVG25D-NFPA20-P



NVG25D-NFPA21

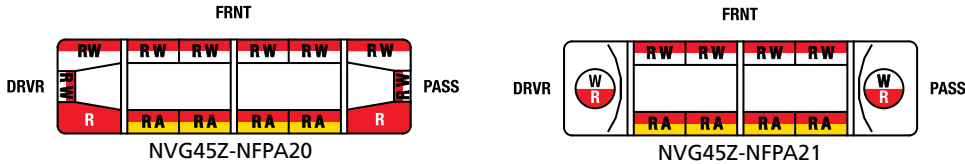
Light Bars

Federal Signal

Effective January 22, 2024

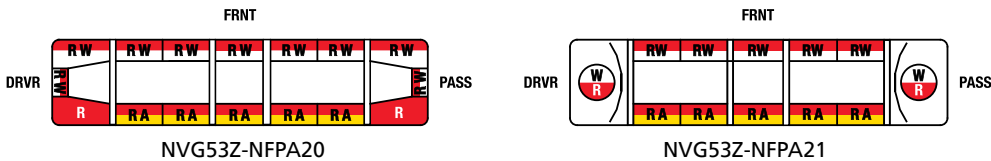
45" Navigator® Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	Amber LED SignalMaster™	White Light Cut-Off	Dome Color	Mirror	Bulkhead Color	Convergence Network/ Discrete	Mount	List Price
NVG45Z-NFPA20	Red/White	●		●	●	●	Clear		Clear	Convergence Network	Hook	\$4,471.00
NVG45Z-NFPA21	Red/White	●	●	●	●	●	Clear	End	Clear	Convergence Network	Hook	4,081.00



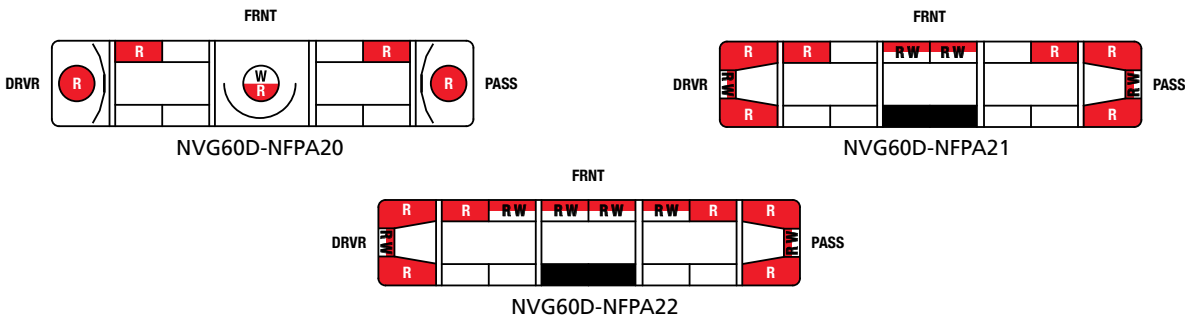
53" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	Amber LED SignalMaster™	White Light Cut-Off	Dome Color	Mirror	Bulkhead Color	Convergence Network/ Discrete	Mount	List Price
NVG53Z-NFPA20	Red/White	●		●	●	●	Clear		Clear	Convergence Network	Hook	\$4,967.00
NVG53Z-NFPA21	Red/White	●	●	●	●	●	Clear	End	Clear	Convergence Network	Hook	4,577.00



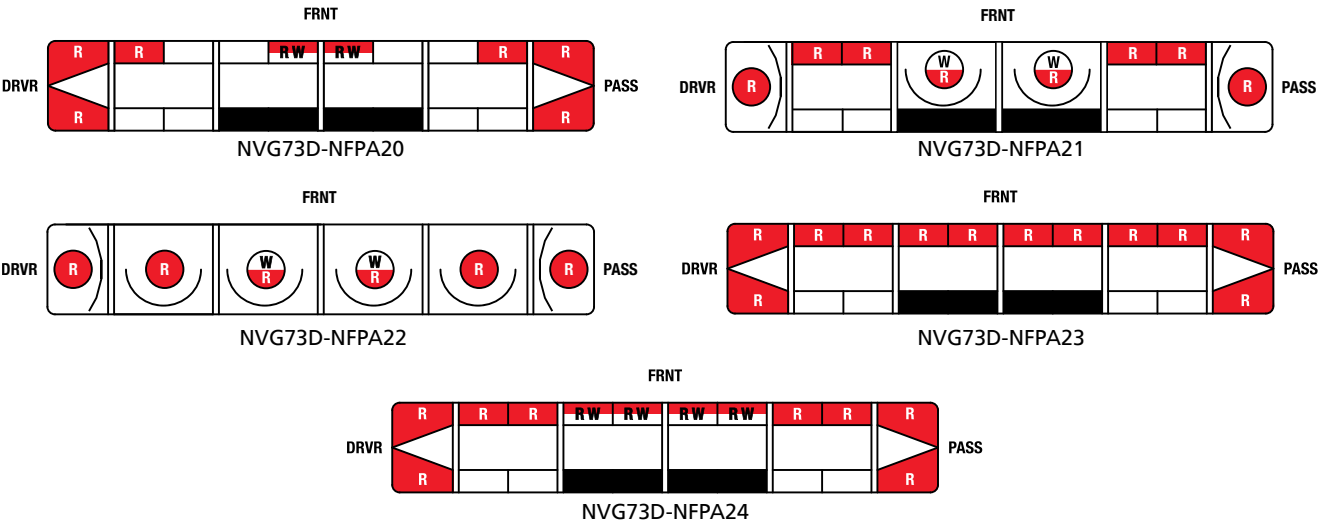
60" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	White Light Cut-Off	Dome Color	Mirror	Bulkhead Color	Convergence Network/ Discrete	Mount	List Price
NVG60D-NFPA20	Red/White	●	●		●	Clear	End & Rear-Blocking	Clear	Discrete	4-inch Riser	\$3,182.00
NVG60D-NFPA21	Red/White	●		●	●	Clear		Clear	Discrete	4-inch Riser	3,657.00
NVG60D-NFPA22	Red/White	●		●	●	Clear		Clear	Discrete	4-inch Riser	4,097.00



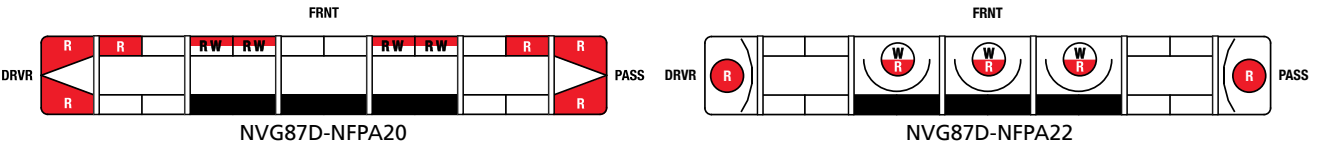
73" Navigator® Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	White Light Cut-Off	Mirror	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount	List Price
NVG73D-NFPA20	Red/White	●		●	●		Clear	Clear	Discrete	4-inch Riser	\$3,331.00
NVG73D-NFPA21	Red/White	●	●	●	●	End & Rear-Blocking	Clear	Clear	Discrete	4-inch Riser	4,081.00
NVG73D-NFPA22	Red/White		●	●	●	End & Rear-Blocking	Clear	Clear	Discrete	4-inch Riser	4,061.00
NVG73D-NFPA23	Red	●					Clear	Clear	Discrete	4-inch Riser	3,971.00
NVG73D-NFPA24	Red/White	●		●	●		Clear	Clear	Discrete	4-inch Riser	4,131.00



87" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	White Light Cut-Off	Mirror	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount	List Price
NVG87D-NFPA20	Red/White	●		●	●		Clear	Clear	Discrete	4-inch Riser	\$3,884.00
NVG87D-NFPA22	Red/White		●	●	●	End & Rear-Blocking	Clear	Clear	Discrete	4-inch Riser	3,899.00



Notes

- All SLR rotators spin at 90 FPM
- Flood operation may negate NFPA compliance
- Light bar includes choice of permanent or hook-on mount kit. If ordered separately from light bar, list price for HKB hook kit is \$95.00

How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor

Light Bars

Federal Signal

Effective January 22, 2024

Vision® SLR — NFPA

- Distinctive “V-Shape” provides superior optical warning at critical intersection angles
- SLR rotator optimizes LEDs for a true 360-degree light output
- “Jogging” capability allows user to adjust rotator to illuminate a specific area
- “Aerial view” feature improves ability to see vehicle from a helicopter
- Individual pod replacement for easy servicing
- Available in 46", 53" and 60" lengths
- LEDs available in combinations of Amber, Blue, Green, Red and White
- Five-year warranty



Online light bar CONFIGURATOR

SpectraLux

Solaris

SLR

Convergence Network

V-Shape lightbar

Model	Length	Warning Light Capability	Takedown Lights	White Light Cut-Off	Serial Interface Module	Mount	List Price
VSLR46S-NFPA1	46-inch	Red/White	Pods 3/5	●	●	Hook	\$5,794.00
VSLR46S-NFPA2	46-inch	Red/White		●	●	Hook	5,994.00
VSLR46S-NFPA3	46-inch	Red/White	Pods 3/5	●	●	Hook	5,794.00
VSLR46S-NFPA4	46-inch	Red/White		●	●	Hook	5,994.00
VSLR53S-NFPA1	53-inch	Red/White	Pods 3/5	●	●	Hook	6,010.00
VSLR53S-NFPA2	53-inch	Red/White		●	●	Hook	6,210.00
VSLR53S-NFPA3	53-inch	Red/White	Pods 3/5	●	●	Hook	6,010.00
VSLR53S-NFPA4	53-inch	Red/White		●	●	Hook	6,210.00
VSLR60S-NFPA1	60-inch	Red/White	Pods 3/5	●	●	Hook	6,119.00
VSLR60S-NFPA2	60-inch	Red/White		●	●	Hook	6,319.00
VSLR60S-NFPA3	60-inch	Red/White	Pods 3/5	●	●	Hook	6,119.00
VSLR60S-NFPA4	60-inch	Red/White		●	●	Hook	6,319.00

Accessories and Kits

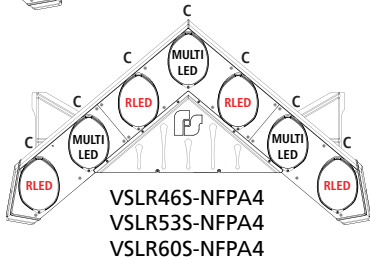
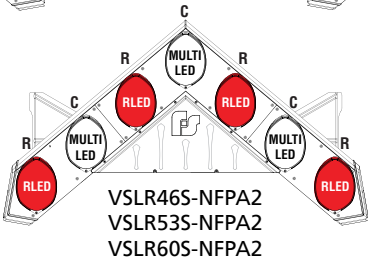
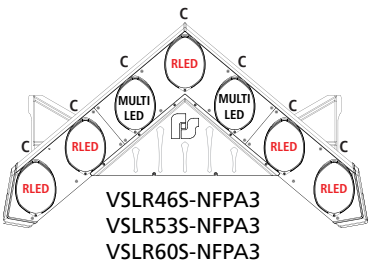
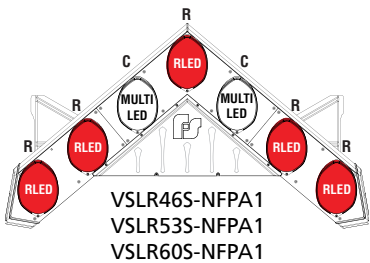
HKB-Model	Hook, required with hook-on mount, specify vehicle (see page 17)	95.00
795H-EXTB-D	795H Opticom in sealed housing with bracket for driver-side mounting	2,702.00
795H-EXTB-P	795H Opticom in sealed housing with bracket for passenger-side mounting	2,702.00

Note

- Light bar includes choice of permanent or hook-on mount kit. If ordered separately from light bar, list price for HKB hook kit is \$95.00

How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



Split Vision® SLR

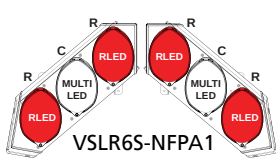
- Available in six-pod or eight-pod models
- SLR rotator optimizes LEDs for a true 360-degree light output
- "Aerial view" feature improves ability to see vehicle from a helicopter
- Individual pod replacement for easy service
- May be used as part of NFPA 1901 compliant package
- LEDs available in single-, dual-, tri-, and quad-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



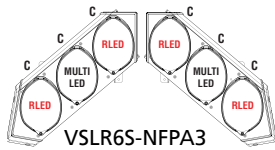
Model	Pods	Warning Light Capability	Takedown and Alley Lights	White Light Cut-Off	Discrete	Mount	List Price
VSLR6S-NFPA1	6 pod (3 each side)	Red/White	•	•	•	Permanent	\$5,243.00
VSLR6S-NFPA3	6 pod (3 each side)	Red/White	•	•	•	Permanent	5,243.00
VSLR8S-NFPA1	8 pod (4 each side)	Red/White		•	•	Permanent	5,436.00
VSLR8S-NFPA2	8 pod (4 each side)	Red/White	•	•	•	Permanent	5,686.00
VSLR8S-NFPA3	8 pod (4 each side)	Red/White		•	•	Permanent	5,436.00
VSLR8S-NFPA4	8 pod (4 each side)	Red/White	•	•	•	Permanent	5,686.00

How to Order

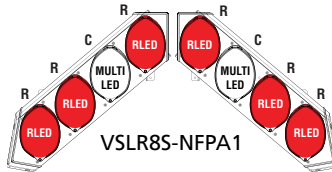
- Choose a popular model above or contact your Federal Signal representative or distributor



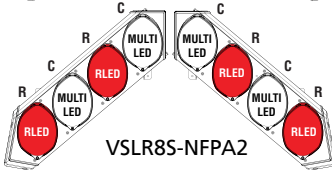
VSLR6S-NFPA1



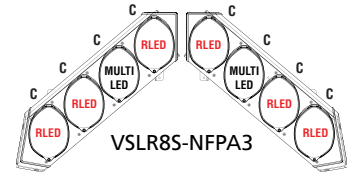
VSLR6S-NFPA3



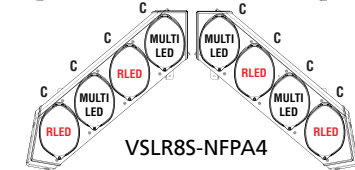
VSLR8S-NFPA1



VSLR8S-NFPA2



VSLR8S-NFPA3



VSLR8S-NFPA4

Three-Pod Vision SLR

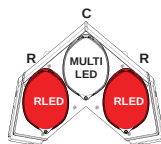
- Available in three-pod models
- SLR rotator optimizes LEDs for a true 360-degree light output
- "Aerial view" feature improves ability to see vehicle from a helicopter
- Individual pod replacement for easy service
- May be used as part of NFPA 1901 compliant package
- LEDs available in single-, dual-, tri-, and quad-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



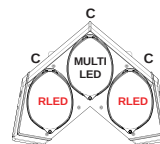
Model	Warning Light Capability	Takedown Light	White Light Cut-Off	Discrete	Mount	List Price
VSLR3S-NFPA1	Red/White	•	•	•	Permanent	\$2,546.00
VSLR3S-NFPA3	Red/White	•	•	•	Permanent	2,546.00

How to Order

- Choose a popular model above or contact your Federal Signal representative or distributor



VSLR3S-NFPA1



VSLR3S-NFPA3

Light Bars

Federal Signal

Effective January 22, 2024

Allegiant® Serial



- Low-profile, linear LED light bar
- LEDs available in single- and dual-color combinations of Amber, Blue, Green, Red and White
- Can be serviced without removal from vehicle roof
- Combines effective warning with tactical benefits of flood lighting capability
- Integrated SignalMaster™ directional capability
- 12 V models available in 21", 45", 53", 61" and 70" lengths
- 24 V models available in 45", 53", 61" and 70" lengths
- FS Convergence Network for "plug-n-play" installation and programming
- Five-year warranty



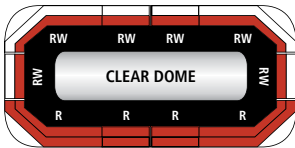
Model	Length	Warning Light Capability	White LED Flood Lights	White LED TD/ Alley Lights	Amber LED SignalMaster	Top Dome Color	Mount	Serial Interface Module	List Price
ALGT21J-FIRE1	21-inch	Red/White	•	•		Clear	Low-Profile Permanent		\$970.00
ALGT45J-F2HR	45-inch	Red/White	•	•	•	Red	Hook		3,050.00
ALGT45J-F2HMR	45-inch	Red/White	•	•	•	Red	Hook	•	3,150.00
ALGT45J-F2HC	45-inch	Red/White	•	•	•	Clear	Hook		3,050.00
ALGT45J-F2HMC	45-inch	Red/White	•	•	•	Clear	Hook	•	3,150.00
ALGT53J-F2HRC	53-inch	Red/White	•	•	•	Red/Clear/Red	Hook		3,326.00
ALGT53J-F2HMRC	53-inch	Red/White	•	•	•	Red/Clear/Red	Hook	•	3,426.00
ALGT53J-F2HC	53-inch	Red/White	•	•	•	Clear	Hook		3,326.00
ALGT53J-F2HMC	53-inch	Red/White	•	•	•	Clear	Hook	•	3,426.00

Note

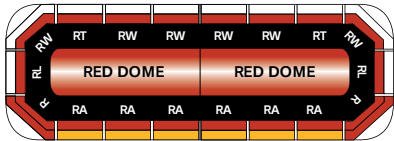
- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit. If ordered separately from light bar, list price for HKB hook kit is \$95.00

How to Order

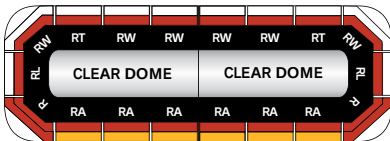
- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



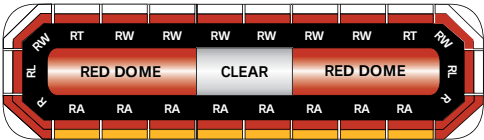
ALGT21J-FIRE1 (without interface module, Low-Profile permanent mount)



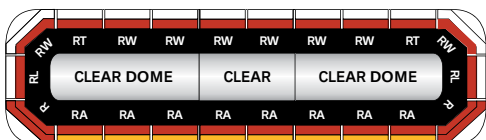
ALGT45J-F2HR (without interface module, hook mount)
ALGT45J-F2HMR (with interface module, hook mount)



ALGT45J-F2HC (without interface module, hook mount)
ALGT45J-F2HMC (with interface module, hook mount)



ALGT53J-F2HRC (without interface module, hook mount)
ALGT53J-F2HMRC (with interface module, hook mount)



ALGT53J-F2HC (without interface module, hook mount)
ALGT53J-F2HMC (with interface module, hook mount)

Allegiant® Discrete



- Low-profile, linear LED light bar
- LEDs available in single- and dual-color combinations of Amber, Blue, Green, Red and White
- Can be serviced without removal from vehicle roof
- Combines effective warning with tactical benefits of flood lighting capability
- 12 V models available in 21", 45", 53", 61" and 70" lengths
- 24 V models available in 45", 53", 61" and 70" lengths
- Five-year warranty



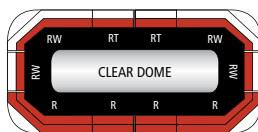
Model	Length	Warning Light Capability	White LED Flood Lights	White LED TD/ Alley Lights	Top Dome Color	Mount	Discrete	List Price
ALGT21D-FIRE1	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•	\$970.00
ALGT21D-NFPA20D	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•	905.00
ALGT21D-NFPA20P	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•	905.00
ALGT21D-NFPA21	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•	910.00
ALGT21D-NFPA22	21-inch	Red			Clear	Low-Profile Permanent	•	910.00
ALGT53D-NFPA2	53-inch	Red/White		•	Clear	Permanent	•	3,166.00
ALGT61D-NFPA2	61-inch	Red/White		•	Clear	Permanent	•	3,352.00
ALGT61D-NFPA1	61-inch	Red/White	•		Red	Permanent	•	3,452.00
ALGT70D-NFPA2	70-inch	Red/White		•	Clear	Flat	•	3,549.00

Notes

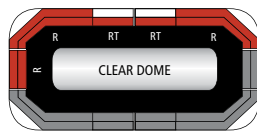
- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit. If ordered separately from light bar, list price for HKB hook kit is \$95.00
- ALGT21D-NFPA20D is a driver side model and ALGT21D-NFPA20P is a passenger side model

How to Order

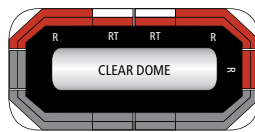
- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



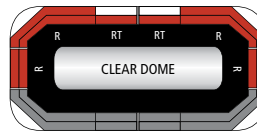
ALGT21D-FIRE1



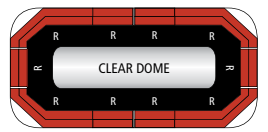
ALGT21D-NFPA20D



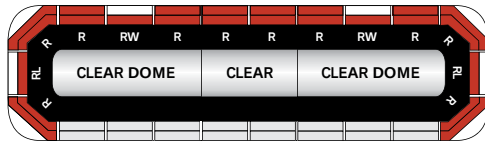
ALGT21D-NFPA20P



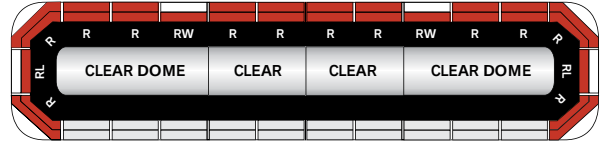
ALGT21D-NFPA21



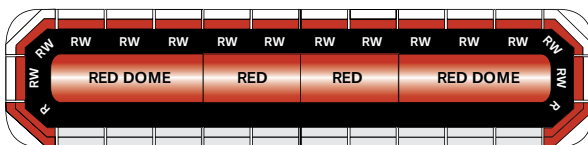
ALGT21D-NFPA22



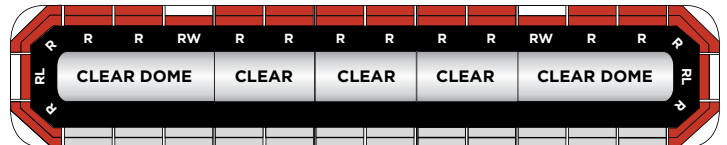
ALGT53D-NFPA2



ALGT61D-NFPA2



ALGT61D-NFPA1



ALGT70D-NFPA2

Light Bars

Federal Signal

Effective January 22, 2024

Reliant™

- Low-profile, linear LED light bar
- LEDs available in dual-color combinations of Amber, Red and White
- Integrated SignalMaster™ directional capability
- Available in 48" length
- FS Convergence Network for "plug-and-play" installation
- Five-year warranty



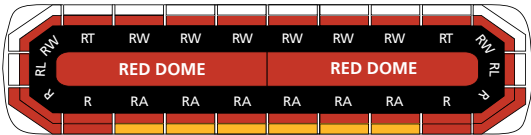
Model	Length	Warning Light Capability	Top Dome Colors	White LED TD Lights	White LED Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Red LED Brake Lights	Serial Interface Module	Mount	List Price
RLNT48-F2LR	48-inch	Red/White	Red	Positions 2,9	L,L1	•	•	•	No	Low Hook	\$2,099.00
RLNT48-F3LR	48-inch	Red/White	Red	Positions 5,6	L,L1	•	•	•	No	Low Hook	2,099.00

Note

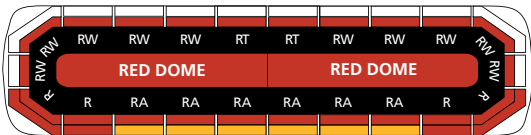
- Light bar includes low-profile hook-on mount kit. If ordered separately from light bar, list price for the HKB hook kit is \$95.00

How to Order

- Choose one of the popular models above



RLNT48-F2LR (without interface module, low hook mount)



RLNT48-F3LR (without interface module, low hook mount)

Valor®

- Low-profile, non-linear "V-shape" light bar provides 40% more light output at critical intersection angles than a typical low-profile, linear light bar
- Combines effective warning with the tactical benefits of floodlighting capability, and can be activated as Left-flood, Right-flood or Full-flood
- Integrated Vortex™ generators for increased fuel efficiency and reduced wind noise
- Integrated SignalMaster™ directional capability
- Valor can be serviced without removal from vehicle roof
- Available in 44" and 51" lengths
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



44" Valor Models

Online light bar CONFIGURATOR

SpectraLux

Solaris

ROC

Convergence Network

FSJoin

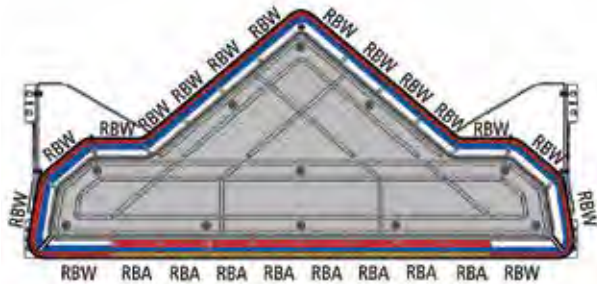
V-Shape lightbar

Hotfoot

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
VALR44J-F2H	44-inch	Red/White	•	•	•	No	Hook	\$4,775.00
VALR44J-PF3L	44-inch	Red/Blue/White	•	•	•	No	Low Hook	5,285.00



VALR44J-F2H (without interface module, hook mount)



VALR44J-PF3L (without interface module, low hook mount)

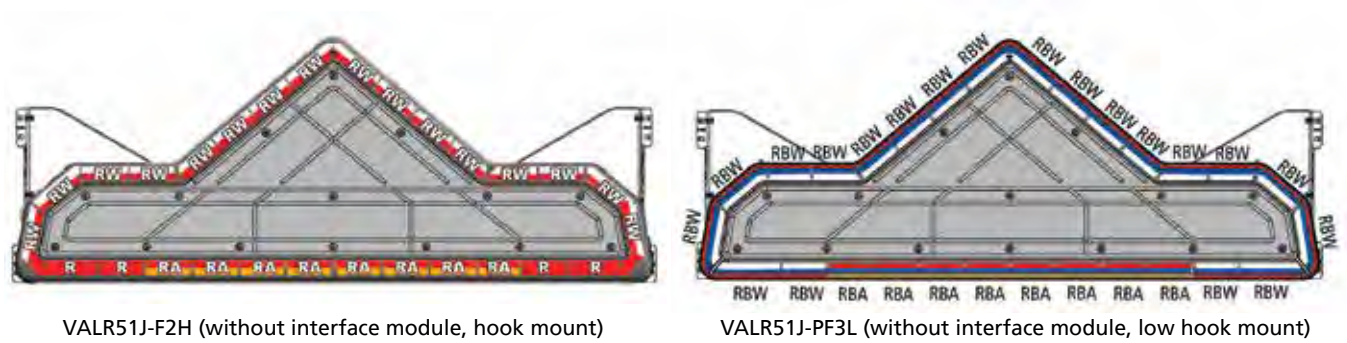
Light Bars

Federal Signal

Effective January 22, 2024

51" Valor Models

Model	Length	Warning Light Capability	White LED TD/Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
VALR51J-F2H	51-inch	Red/White	●	●	●	No	Hook	\$5,397.00
VALR51J-PF3L	51-inch	Red/Blue/White	●	●	●	No	Low Hook	6,071.00



Note

- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit. If ordered separately from light bar, list price for the HKB hook kit is \$95.00

How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor

Integrity®

- Low-profile, linear LED light bar
- Combines effective warning with the tactical benefits of floodlighting capability
- Integrated SignalMaster™ directional capability
- Integrity can be serviced without removal from the vehicle roof
- Available in 44" and 51" lengths
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



44" Integrity Models

Online light bar CONFIGURATOR

SpectraLux

Solaris

ROC

Convergence Network

FSJoin

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
INTG44J-F2H	44-inch	Red/White	•	•	•	No	Hook	\$4,264.00
INTG44J-PF3L	44-inch	Red/Blue/White	•	•	•	No	Low Hook	4,690.00



INTG44J-F2H (without interface module, hook mount)



INTG44J-PF3L (without interface module, low hook mount)

Light Bars

Federal Signal

Effective January 22, 2024

51" Integrity Models

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount	List Price
INTG51J-F2H	51-inch	Red/White	●	●	●	No	Hook	\$4,548.00
INTG51J-PF3L	51-inch	Red/Blue/White	●	●	●	No	Low Hook	5,199.00



INTG51J-F2H (without interface module, hook mount)



INTG51J-PF3L (without interface module, low hook mount)

Note

- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit. If ordered separately from light bar, list price for the HKB hook kit is \$95.00

How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor

Mini-Light Bar Comparison

	HighLighter LED Micro	HighLighter Elite
Solaris® LED Reflectors	•	•
ROC (Reliable Onboard Technology™)	•	•
Discrete	•	•
Single-Color	•	•
Dual-Color		•
Split-Color	•	
FSLink™		•
Warranty (years)	5	5

HighLighter® Micro

- Low-Profile, 10" mini-light bar
- Uniform 360-degree light distribution; no dark spots or shadows
- (25) selectable flash patterns
- (3) mounting options; permanent, magnet mount, and suction-cup mount
- Multiple voltage, 12/24 Vdc
- Five-year warranty



Model	Description	List Price
Permanent mount		
HL10PC-R	Permanent mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)	\$268.00
HL10PC-AR	Permanent mount, split-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -RB (Red/Blue)	268.00
Magnet mount, accessory plug, on/off switch		
HL10MC-R	Magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)	281.00
HL10MC-AR	Magnet mount, split-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White)	281.00
Suction-cup magnet mount, accessory plug, on/off switch		
HL10SC-R	Suction-cup magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)	293.00
HL10SC-AR	Suction-cup magnet mount, split-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White)	293.00

Light Bars

Federal Signal

Effective January 22, 2024

HighLighter® Elite

- Low-profile, 15" mini-light bar
- Single- and dual-color models available
- Unique "Edge Cruise" Lighting
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Five-year warranty



Model	Description	List Price
Permanent mount		
HL15PC-R	Permanent mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)	\$490.00
HL15PC-AR	Permanent mount, dual-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	550.00
Magnet mount, accessory plug, on/off switch		
HL15MC-R	Magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)	520.00
HL15MC-AR	Magnet mount, dual-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	580.00
Suction-cup magnet mount, accessory plug, on/off switch		
HL15SC-R	Suction-cup magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)	535.00
HL15SC-AR	Suction-cup magnet mount, dual-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	595.00
Accessories		
454217	Kit, riser mount, 2.1-inch lift	87.00
210883SSG	Kit, self-leveling bracket	204.00

For the most up-to-date hook mount information, visit www.fedsig.com/hook-mount-reference-guide.

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Ford				
Bronco Sport	2021-23	HKB-BCS21	N/A	
Edge	2015-23	HKB-UNH4	51.8"	
Escape	2020-23	HKB-ESC20	45.0"	
Expedition (No Roof Rack) light bar lengths 51, 53-in	2018-24	HKB-EXD22	55.5"	
F-150 Responder light bar lengths 44, 45, 46, 48-in	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with standard height foot	2015-23	HKB-FRD15-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 light bar lengths 44, 45, 46, 48-in	2015-23	HKB-UNH6	55.5"	All
F-150 light bar lengths 51, 53-in with standard height foot	2015-23	HKB-UNH5	55.5"	All
F-150 light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-UNH6	55.5"	All
F-250/350/450/550 All lightbar lengths	2017-23	HKB-UNH6	55.5"	All
F-650/750 light bar lengths 51, 53, 60-in	2017-24	HKB-FHD7	58.5"	All
Fusion	2013-20	HKB-UNH1	46.5"	
Maverick	2022-24	HKB-MAV22	N/A	
Mustang Mach-E	2021-23	HKB-MME21	N/A	
Mustang	2012-24	Permanent Mount	46.0"	
Police Interceptor Utility/Explorer light bar lengths 44,45,46-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	Valor/Vision w/std foot
	2020-24	HKB-FPIU20-LONG-HP	52.8"	
Police Interceptor Utility/Explorer light bar lengths 48, 51, 53-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	
Ranger	2019-23	HKB-RNG19	48.0"	Super
Transit (Low Roof) 60" light bars only	2015-24	HKB-UNH4	N/A	
Transit (Raised Roof)	2015-24	Permanent Mount	N/A	
Transit Connect (Low Roof)	2013-22	HKB-TCO	54.0"	
E-Series Van	1987-24	HKB-SAV	65.0"	
Chevrolet/GM				
Camaro	2011-23	Permanent Mount	50.0"	
Colorado/Canyon	2015-23	HKB-COL15	47.3"	All
Express Van	2003-24	HKB-SAV	61.0"	
Impala (Civilian)	2014-20 (10 th Gen)	HKB-UNH1	49.5"	
Malibu	2012-23	HKB-UNH1	48.0"	
Silverado/Sierra (1500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH3	52.0"	All
	2014-18	HKB-UNH4	55.8"	
Silverado PPV light bar lengths 44, 45, 46-in	2022-24	HKB-TAH21-44-HP	52.0"	All
Silverado/Sierra (1500) light bar lengths 51, 53-in	2019-24	HKB-UNH2	52.0"	All
	2014-18	HKB-SIL17	55.8"	
Silverado PPV light bar lengths 51, 53-in	2022-24	HKB-TAH21-HP	52.0"	All
Silverado/Sierra (2500, 3500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH2	55.0"	All
Silverado/Sierra (2500, 3500) light bar lengths 51, 53-in	2019-24	HKB-UNH3	55.0"	All

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Tahoe/Suburban (No Roof Rails) light bar lengths 44, 45, 46, and 48-in	2021-24	HKB-TAH21-44-HP	55.0"	
	2015-20	HKB-UNH4	55.0"	
Tahoe/Suburban (No Roof Rails) light bar lengths 51, 53-in	2021-24	HKB-TAH21-HP	55.0"	
	2015-20	HKB-LPCHGR11-HP	55.0"	
Traverse (No Rack)	2018-23	HKB-TRAV22	53.0"	
Volt	2012-15	HKB-UNH1	47.0"	
Chrysler/Dodge/Jeep				
Challenger	2012-23	Permanent Mount	54.5"	
Charger	2011-23	HKB-LPCHGR11-HP	50.3"	
Durango (No Roof Rack)	2011-24	HKB-DUR11-HP	54.0"	
Grand Cherokee (No Roof Rack)	2011-20	HKB-DUR11-HP	54.0"	
RAM (1500, 2500, 3500)	2019-23 (5 th Gen)	HKB-RAM19	55.0"	All
	2019-23 Classic/SSV	HKB-FRD9	57.5"	
	2010-18	HKB-FRD9	57.5"	
Wrangler	2012-24	Permanent Mount	N/A	
Toyota				
4-Runner	2022	HKB-DUR11	53.0"	
RAV4	2018-23	HKB-UNH1	N/A	
RAV4 (No Roof Rack)	2023	HKB-RAV23	43.0"	
Tacoma	2016-23	HKB-UNH1	N/A	
Nissan				
Leaf	2015-23	HKB-UNH1	N/A	
Frontier	2022-23	HKB-FNTR	53.0"	
	2013-21	HKB-MAG7	46.0"	
Rogue (No Roof Rails)	2021-23	HKB-ROG23	51.0"	
Titan	2016-24	HKB-TTN23	58.0"	
International				
Durastar/4300 cab	2002-18	HKB-FHD7	65.8"	

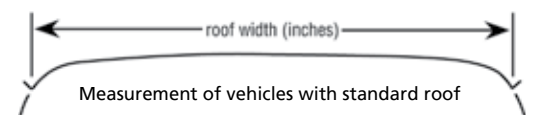
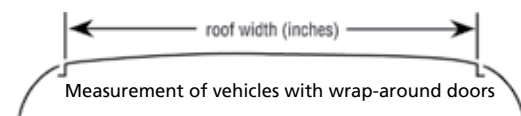
All Federal Signal light bars may be permanent or hook-on mounted. When using a hook-on mount, a separate hook kit is required for the make, model and year of your vehicle. Use the hook kit reference guide to find your vehicle's appropriate hook kit. Measurements for the roof width are determined by the style of the vehicle. These measurements may help you in choosing the light bar length best suited for your vehicle.

Transfer of Light Bars From One Vehicle to Another

From time to time, departments will remove a light bar from an older vehicle and reinstall it on a newer vehicle. Before performing this kind of transition, be sure to contact our Service Department to ensure that you not only have the proper hook kit, but that you also have the latest design light bar mount foot. Mounting foot designs continuously improve over time, and it is recommended that you utilize the most current mount foot design when reinstalling an older light bar on a newer vehicle.

Note

The hook kit reference guide is updated on an ongoing basis as information becomes available. Please check the hook kit reference guide online at www.fedsig.com/hook-mount-reference-guide for up-to-date vehicle and hook kit listings.



Sirens/Speakers

Federal Signal

Effective January 22, 2024

Siren Feature Comparison

	Pathfinder® PF400	Pathfinder® PF200	Pathway™	PA300	PA300-100	PA4000
Total Output Wattage	400 W	200 W	100 W	200 W	100 W	200 W
FS Convergence Network	•	•	•		•	•
FSJoin™	•	•	•			•
Air Horn	•	•	•	•	•	•
PA (Public Address)	•	•	•	•	•	•
Siren Tones	•	•	•	•	•	•
Remote Control Head	•*	•*	•*			•
Slide Switch	•*	•*	•*			
Lighting Control	•	•	•		•†	•
SignalMaster™ Control	•	•	•			•
Microphone	•	•	•	•	•	•
Built-in Timer Feature	•	•	•		•	•
Programmable Inputs & Outputs	•	•	•		•**	•
Load Management	•	•	•			•
FS Vehicle Integration/OBD Integration	•	•				•
Integrated Dual-Tone	•	•				•
Integrated Rumbler® Traffic-Clearing Capability	•	•				•
Rotary Switch	•*	•*	•*	•	•	•
Warranty (years)	5	5	5	3	5	5

*Select Models
** Inputs only
† Through Convergence Network ports only

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Q-Siren®

- Available in traditional Chrome and Black Chrome
- Distinct sound provides recognizable long distance warning
- The sound of the Q-Siren is a registered trademark of Federal Signal Corporation
- Utilizes a unique clutch design that provides a longer coast-down sound while reducing the Amp draw
- Beautifully streamlined and polished electro-mechanical siren
- Three-year warranty



Model	Description	List Price
Q2B-012NNSD	Q2B, mechanical siren, Chrome, recess mount	\$3,119.00
Q2B-012PSD	Q2B, mechanical siren, Chrome, pedestal mount	3,475.00
Q2B-NN-BLK	Q2B, mechanical siren, Black Chrome, recess mount	3,497.00
Q2B-P-BLK	Q2B, mechanical siren, Black Chrome, pedestal mount	4,042.00

Kits

Q-MT	Kit, Q2B, bracket for recess mounting Q2B siren	227.00
Q2B-SWKIT	Kit, Q2B, Solenoid and Foot Switch	519.00

Common Replacement Parts

Z8280080B	Motor, Q2B siren	1,166.00
Z828000641	Clutch assembly	225.00
Z8280104B	Front grille, Q2B siren; -BC (Black Chrome)	609.00
Z8280106A	Stator guard, Q2B siren; -BC (Black Chrome)	185.00
Z8280B003J-02	Brake assembly	275.00
Z8280C077A	Mounting base, Q2B siren, polished stainless steel; -BC (Black Chrome)	399.00
ZH5205-03	Rear housing, Q2B siren, polished stainless steel; -BC (Black Chrome)	586.00

Electronic Q-Siren® (e-Q2b®)

- Features the traditional trademarked Q-Siren sound
- Available with flush mount or surface mount control head
- Keypad features backlit membrane switches with tactile feel
- Easy-to-read external diagnostics
- 200 W power with lower amp draw — 22 A or 100 W
- Features Q-Wail, Yelp, Priority, Air Horn, PA, Radio Re-broadcast and Horn Ring Transfer
- Foot switch inputs
- Three-year warranty



Model	Description	List Price
EQ2B-200	200 W, remote amplifier, surface mount control head	\$2,488.00
EQ2B-200FM	200 W, remote amplifier, flush mount control head	2,488.00
EQ2B-100	100 W, remote amplifier, surface mount control head	2,488.00
Common Replacement Parts for EQ units prior to 2011 redesign		
Z140417A-04	Connector, male plug, four-position, EQ2B speaker	29.00
Z140418A-07	Connector, male plug, seven-position, EQ2B control head	36.00
Z140418A-08	Connector, male plug, eight-position, EQ2B control head	59.00
Z140535A	Connector, male plug, 50 A	61.00
Z8616015A	Control head, EQ2B	642.00

Model	Description	List Price
Common Replacement Parts for EQ units newly released in 2011 redesign		
Z8616026B	Control head, EQ2B-200, surface mount	\$826.00
Z8616042B	Control head, EQ2B-200, flush mount	826.00
Z8616033B	Amplifier, EQ2B-200 or EQ2B-200FM	2,314.00
Z140417A-04	Connector, male plug, four-position, EQ2B	29.00
Z140535A	Connector, male plug, 50 A	61.00
Z122361A	Air horn switch	53.00

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Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® PF400

- 400 Watt programmable siren/light controller with remote-mount amplifier
- (4) 100 Watt independent audio channels
- PF400Q models available featuring the traditional trademarked Q-Siren tone
- Library of selectable siren tones
- Integrated quad-tone capability when used with (4) speakers
- (7) programmable inputs and (16) programmable solid-state relay outputs
- Integrated Rumbler® traffic-clearing capability
- Capability of doing Rumbler and dual-tone with one amplifier
- FS Vehicle Integration/On-Board Diagnostics Integration (OBDII)
- (4) Serial ports for FS Convergence products
- Convergence Network Configuration Software allows for easy customization for siren and light controls
- Standard voice messages are available in English, Spanish, and French Canadian to broadcast alerts. Custom voice messages available for an additional fee
- Five-year warranty



Model	Description	List Price
Integrated Q-tone models		
PF400Q	Siren/Light Controller with Remote surface mount controller, 400 W, integrated Q-tone	\$2,416.00
PF400QS17B	Siren/Light Controller with 17-button controller, 400 W, integrated Q-tone	2,999.00
PF400QH	Siren/Light Controller with Handheld controller/microphone, 400 W, integrated Q-tone	2,449.00
PF400QAMP	PF400Q Amplifier, no controller, integrated Q-tone	2,199.00
Accessories		
PFSYNC-1	On Scene Sync Module	355.00
RBKIT-SOLO*	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability	818.00
RBKIT2-COMPACT*	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability	593.00
OBD-CABLE6-1	6-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBD-CABLE6-2	6-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBD-CABLE6-3	6-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	230.00
OBD-CABLE6-DGCAN	6-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00
OBD-CABLE25-1	25-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBD-CABLE25-2	25-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBD-CABLE25-3	25-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	461.00
OBD-CABLE25-DGCAN	25-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00
OBD-CABLE8-GMCAN	8-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	230.00
OBD-CABLE20-GMCAN	20-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	230.00
OBD-CABLE8-4	8-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	230.00
OBD-CABLE20-4	20-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	230.00

Note

- *Vehicle-specific Rumbler brackets sold separately

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Pathfinder® PF400 Accessories — Continued

Model	Description	List Price
PFPDM-1	Power Distribution Module, 100 A max load	\$669.00
EXPMOD24	24-Channel Expansion Module	386.00
EXPMOD32	32-Channel Expansion Module	486.00
EXPMOD-2	Rear Expansion Module, (18) solid-state programmable relay outputs, (16) 7.5 A flashing outputs and (2) 20 A control outputs	714.00
EXPHARN01	Rear taillight connection wire harness for use with rear expansion module, Dodge Charger Pursuit, 2015-2024	173.00
EXPHARN03	Rear taillight connection wire harness for use with rear expansion module, Ford Police Interceptor Utility, 2020-2024	173.00
EXPHARN04	Rear taillight and rear liftgate lighting connection wire harness for use rear expansion module, Dodge Durango, 2018-2023	385.00
EXPHARN05	Rear taillight connection wire harness for use with rear expansion module, Chevrolet Tahoe, 2021-2023	236.00
PFSPLTR-4	4-to-1 splitter	59.00
RMK	Remote extension kit for ¼-inch jack microphone	133.00
Common Replacement Parts		
Z258B577D-03	RJ11 microphone	147.00
MNCT-SD	¼-inch jack microphone	70.00
Z862302765A	Replacement Controller, PF200H/PW100H/PF400H/PF400QH	885.00
Z862303172A	Replacement Controller, PF200S17B/PF400S17B/PF400QS17B	1,372.00
Z8623129A	Swivel Mount, PF200H/PW100H/PF400H/PF400QH	27.00
Z862302763A	Mounting bracket, PF200H/PW100H/PF400H/PF400QH	40.00
Z1751357A-06	CAT5 Cable — Coupler to Amplifier, 8-ft	65.00
Z1751357A-02	CAT5 Cable — Control Head to Coupler, 25-ft	53.00
Z17501359A	Relay output pigtail	47.00
Z13901850A	RJ45 Coupler	53.00
Z17501849A	Wire Assembly — RJ45 Coiled	53.00
Z8572294E	Legend stickers	20.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® PF400

CONTROLLER OPTIONS



PF400Q

Remote Surface-mount Controller with (4) push-buttons and Rotary Knob



PF400QH

Handheld Controller/Microphone with (14) Push-buttons



PF400QS17B

Remote Surface-mount Controller with (17) Push-buttons and Slide Switch

RUMBLER® INTEGRATION

Pathfinder is available with built-in Rumbler traffic-clearing capability. With Rumbler, the Pathfinder produces a Rumbler tone without the need for a separate externally mounted amplifier.



CONVERGENCE NETWORK CONFIGURATION SOFTWARE

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet—and access the controller's main custom features and benefits. Simply connect a USB-C to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse—giving users the ability to clone an entire fleet.



Convergence Network ports
(16) programmable relay outputs
Relay power
Remote microphone
Siren power
Ground
(7) programmable input circuits and radio input
Speaker outputs
OBDII
USB-C

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Pathfinder® PF200

- 100/200 W siren and light controller with PA and noise-canceling microphone
- Integrated dual-tone capability when used with (2) speakers
- Integrated Rumbler® traffic-clearing capability
- Optional FS Vehicle Integration/On-Board Diagnostics Integration (OBDII)
- Programmable timer feature
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones includes SmartSiren®, Unitrol™, PA300 and Powercall siren tones
- Horn Ring Transfer and Park Kill
- Backlit LEDs on control faceplate emulate SignalMaster™ directional warning operation
- (7) programmable inputs and (12) programmable solid-state relay outputs
- Convergence Network Configuration Software allows for easy customization of siren and light controls
- (2) FS Convergence Network ports
- Standard digital voice messages available in English, Spanish and French Canadian to broadcast alerts. Custom digital voice messages available for an additional fee
- Five-year warranty



Model	Description	List Price
PF200	Siren/Light Controller with self contained controls, 100/200 W	\$1,368.00
PF200R	Siren/Light Controller with Remote surface mount controller, 100/200 W	1,606.00
PF200H	Siren/Light Controller with Handheld controller/microphone, 100/200 W	1,606.00
PF200S17B	Siren/Light Controller with 17-button controller, 100/200 W	2,162.00
PF200S6	Siren/Light Controller with 6-button controller, 100/200 W	1,517.00
PF200S4	Siren/Light Controller with 4-button controller, 100/200 W	1,457.00
PF200AMP	Pathfinder Amplifier, no controller	1,368.00
Accessories		
PFSYNC-1	On Scene Sync Module	355.00
RBKIT-SOLO*	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability	818.00
RBKIT2-COMPACT*	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability	593.00
OBDCABLE6-1	6-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBDCABLE6-2	6-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBDCABLE6-3	6-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	230.00
OBDCABLE6-DGCAN	6-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00
OBDCABLE8-GMCAN	8-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	230.00
OBDCABLE20-GMCAN	20-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe	230.00
OBDCABLE25-1	25-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado	230.00
OBDCABLE25-2	25-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility	230.00
OBDCABLE25-3	25-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)	461.00
OBDCABLE25-DGCAN	25-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500	230.00

Note

- *Vehicle-specific Rumbler® brackets sold separately

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Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® PF200 Accessories — Continued

Model	Description	List Price
OBD-CABLE8-4	8-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	\$230.00
OBD-CABLE20-4	20-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning	230.00
PPDM-1	Power Distribution Module, 100 A max load	669.00
EXPMOD24	24-Channel Expansion Module	386.00
EXPMOD32	32-Channel Expansion Module	486.00
EXPMOD-2	Rear Expansion Module, (18) solid-state programmable relay outputs, (16) 7.5 A flashing outputs and (2) 20 A control outputs	714.00
EXPHARN01	Rear taillight connection wire harness for use with rear expansion module, Dodge Charger Pursuit, 2015-2024	173.00
EXPHARN03	Rear taillight connection wire harness for use with rear expansion module, Ford Police Interceptor Utility, 2020-2024	173.00
EXPHARN04	Rear taillight and rear liftgate lighting connection wire harness for use rear expansion module, Dodge Durango, 2018-2023	385.00
EXPHARN05	Rear taillight connection wire harness for use with rear expansion module, Chevrolet Tahoe, 2021-2023	236.00
RMK	Remote extension kit for ¼-inch jack microphone	133.00
PF-SPLIT-4	4-to-1 splitter	59.00

Common Replacement Parts

Z258B577D-03	RJ11 microphone	147.00
MNCT-SD	¼-inch jack microphone	70.00
Z17501813A	USB Programming Cable	36.00
Z862302836A-PF	Replacement Controller, PF200S4/PW100S4	632.00
Z862302919A-PF	Replacement Controller, PF200S6/PW100S6	695.00
Z862302151A	Replacement Controller, PF200R/PF400R	788.00
Z862302765A	Replacement Controller, PF200H/PW100H/PF400H/PF400QH	885.00
Z862303172A	Replacement Controller, PF200S17B/PF400S17B/PF400QS17B	1,372.00
Z8623129A	Swivel Mount, PF200H/PW100H/PF400H/PF400QH	27.00
Z862302763A	Mounting bracket, PF200H/PW100H/PF400H/PF400QH	40.00
Z1751357A-06	CAT5 Cable — Coupler to Amplifier, 8-ft	65.00
Z1751357A-02	CAT5 Cable — Control Head to Coupler, 25-ft	53.00
Z17501359A	Relay output pigtail	47.00
Z13901850A	RJ45 Coupler	53.00
Z17501849A	Wire Assembly — RJ45 Coiled	53.00
Z8572294E	Legend stickers	20.00

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Pathfinder® PF200

CONTROLLER OPTIONS



PF200

Self-contained Controls with Rotary Knob and Slide Switch



PF200H

Handheld Controller / Microphone with (14) Push-buttons



PF200R

Remote Surface-mount Controller with Rotary Knob and Slide Switch



PF200S17B

Remote Surface-mount Controller with (17) Push-buttons and Slide Switch



PF200S6

Remote Surface-mount Controller with (6) Push-buttons and Slide Switch



PF200S4

Remote Surface-mount Controller with (4) Push-buttons

RUMBLER® INTEGRATION

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Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathfinder® OBD Cable Vehicle Reference Chart

Vehicle	Years	OBD CABLE 6-1/ OBD CABLE 25-1	OBD CABLE 6-2/ OBD CABLE 25-2	OBD CABLE 6-3/ OBD CABLE 25-3	OBD CABLE 6-DGCAN/ OBD CABLE 25-DGCAN	OBD CABLE 8-GMCAN/ OBD CABLE 20-GMCAN	OBD CABLE 8-4/ OBD CABLE 20-4
Chevrolet							
Camero	2021-2023	•					
Equinox	2019-2020	•					
Silverado 1500	2018-2022	•					
Silverado 2500	2019-2022	•					
Tahoe/Suburban	2015, 2018-2020	•					
Tahoe/Suburban	2021-2024					•	
Traverse	2020	•					
Dodge							
Challenger	2018-2023				•		
Charger	2018-2024				•		
Durango	2016, 2018-2023				•		
Ram 1500	2018-2023				•		
Ram 2500	2019-2023				•		
Ram 3500	2019-2023				•		
Ford							
Escape	2019	•					
	2020-2023			•			
Expedition	2019	•					
	2020-2021			•			
F-150	2018-2019	•					
	2020			•			
F-150 Lightning	2022-2024						•
F-250*	2019	•					
	2020-2022			•			
F-350*	2019	•					
	2020-2022			•			
F-550*	2019	•					
	2020-2022			•			
Mustang	2018-2019	•					
	2020-2023			•			
Mustang Mach-E	2021-2024						•
Police Interceptor Utility	2013-2019	•					
	2020-2024		•				
Ranger	2019		•				
	2020-2023			•			
Transit*	2019	•					
	2020-2024			•			
Jeep							
Cherokee	2019				•		
Wrangler	2020				•		
Grand Cherokee	2019-2022				•		
GMC							
Acadia	2019	•					
Yukon	2015, 2018-2020	•					
	2021-2024					•	
Sierra	2021	•					

* Models equipped with 4" or 8" entertainment screen only

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Pathway™

- 100 W siren and light controller with PA and noise-canceling microphone
- Models include self-contained, remote, handheld, Four-button and Six-button
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones
- Horn Ring Transfer and Park Kill
- (7) programmable inputs and (12) programmable solid-state relay outputs
- Convergence Network Configuration Software allows for easy customization of siren and light controls
- (2) FS Convergence Network ports
- Standard voice messages available in English, Spanish and French Canadian to broadcast alerts.
Custom voice messages available for an additional fee
- Five-year warranty



Model	Description	List Price
PW100	Siren/light controller with self-contained controls, 100 W	\$899.00
PW100R	Siren/light controller with remote surface mount controller, 100 W	899.00
PW100H	Siren/light controller with handheld controller/microphone, 100 W	899.00
PW100S6	Siren/light controller with Six-button controller, 100 W	899.00
PW100S4	Siren/light controller with Four-button controller, 100 W	899.00
Accessory		
PFSYNC-1	On Scene Sync Module	355.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

Pathway™

CONTROLLER OPTIONS



PW100

Self-contained Controls with Rotary Knob and Slide Switch



PW100H

Handheld Controller/Microphone with (14) Push-buttons



PW100R

Remote Surface-mount Controller with Rotary Knob and Slide Switch



PW100S6

Remote Surface-mount Controller with (6) Push-buttons and Slide Switch



PW100S4

Remote Surface-mount Controller with (4) Push-buttons

CONVERGENCE NETWORK CONFIGURATION SOFTWARE

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet — and access the controller's main custom features and benefits. Simply connect a USB to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse — giving users the ability to clone an entire fleet.



USB

12 Relay Outputs

(7) programmable input circuits, speakers and radio input

Convergence Network ports

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

PA300

- Compact, self-contained electronic siren
- Wail, Yelp, and High/Low or Priority siren tones
- PA and radio re-broadcast
- Illuminated non-glare control panel
- Effective TAP II intersection clearing
- Built-in noise-cancelling microphone
- Three-year warranty



Siren tones available online

Model	Description	List Price
690009	200 W, PA300-024MSC, hi-lo tone, hard-wired microphone, 24 Vdc	\$699.00
690010	200 W, PA300-012MSC, hi-lo tone, hard-wired microphone	699.00
Accessories and Kits		
761300	Kit, PA300 Series, adapter cable harness converts to new 690000 PA300 design	32.00
MNCT-SD	Microphone, noise-canceling, PA/Radio	70.00
DSM	Kit, PA300 Series, bezel for dash mount	68.00
Common Replacement Parts		
Z122377A	Switch, 690 Series, air horn	29.00
Z141A102	Knob, PA300, gain control	14.00
Z141A111	Knob, PA300, function/tone selector	25.00
Z1461360A	Wire harness, 690 Series, 4-ft length, 12 Vdc	76.00
Z8537561A	Accessory kit, connectors, bracket, hardware	124.00

PA300-100

- 100 W siren with PA and noise-canceling microphone
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones
- Horn Ring Transfer and Park Kill
- (4) programmable inputs, plus dedicated inputs for park, horn, and ignition
- Convergence Network Configuration Software allows for easy customization of the siren
- (2) FS Convergence Network ports
- Standard voice messages available in English, Spanish and French Canadian to broadcast alerts. Custom voice messages available for an additional fee
- Five-year warranty



Siren tones and voice messages available online

Convergence Network

Model	Description	List Price
PA300-100	Siren with self-contained controls, 100 W	\$799.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

PA4000

- 200-Watt siren
- Flush mount controller with remote amplifier
- Noise-canceling microphone included
- Integrated Dual-tone capability when used with two speakers
- Integrated Rumbler traffic-clearing capability
- Convergence Network Configuration Software allows for easy customization
- Five-year warranty



Model	Description	List Price
PA4000-200	200 W, flush mount control, remote amplifier	\$882.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Rumbler®

- Rumbler low frequencies deliver up to 10 dB more sound pressure inside civilian vehicles near emergency vehicle—getting attention and clearing traffic more effectively than a standard siren tone
- Low-frequency tones work simultaneously with primary siren
- Produces penetrating/vibrating low-frequency sound waves
- Interacts with most 100/200 W emergency vehicle siren amplifiers
- Highly effective in dense urban environments with heavy vehicle traffic
- Rumbler Low Frequency Speakers work in conjunction with Federal Signal sirens that feature integrated Rumbler traffic-clearing capability
- Rumbler Low Frequency Speakers are also available with Rumbler amplifier to work with other Federal Signal sirens
- Three-year warranty



Model	Description	List Price
RBKIT2-COMPACT	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability	\$593.00
RBKIT1-COMPACT	Single Rumbler Compact low frequency speaker for use with sirens with integrated Rumbler capability	393.00
RBKIT-SOLO	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability	818.00
RUMBLER-C2	Rumbler Amp, Pair of Rumbler Compact low frequency speakers and hardware kit	1,199.00
RUMBLER-SOLO	Rumbler Amp, Single Rumbler Solo low frequency speaker and hardware kit	1,424.00
Accessory		
RB-SW	Rumbler activation switch	66.00
Note		
• Vehicle-specific Rumbler brackets sold separately		

Rumbler® Brackets

RBS-CHGR15 \$59.00 (1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Dodge Charger, 2015-2024	RBS-FPIU20ND \$59.00 Single Rumbler Solo or Single Compact, no drill, passenger side bracket, Ford Police Interceptor Utility, 2020-2024	RBC2-FPIU20ND \$69.00 Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Ford Police Interceptor Utility, 2020-2024	RBS-TAH21ND \$59.00 Single Rumbler Solo or (1) Compact, no drill, passenger side bracket, Chevrolet Tahoe, 2021-2024
RBC2-TAH21ND \$69.00 Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Chevrolet Tahoe, 2021-2024	RBS-DUR21ND \$59.00 Single Rumbler Solo or Single Compact, no drill, passenger side bracket, Dodge Durango, 2019-2023	RBC2-DUR21ND \$69.00 Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Dodge Durango, 2019-2023	RBC2-FRD15ND \$69.00 Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Ford F-150, 2015-2023

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

DynaMax®/ES100C

- Slim and light-weight compact 100 W speaker
- Features Neodymium delivers superior sound quality
- Composite plastic housing
- Vehicle-specific mounting brackets available for most commonly-used Fire/EMS vehicles
- Two-year warranty



Model	Description	List Price
ES100C	Speaker, DynaMax/ES100C, 100 W, high output, compact, Class A	\$391.00
ES100C-DEU	Speaker, DynaMax/ES100C, 100 W, high output, compact, Class A, with Deutsch connector	410.00
Note		
• Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier		

DynaMax/ES100C Accessories & Brackets

Vehicle	Years	Type of Bracket	Model	List Price
Multi-vehicle				
	All	Bracket only—(1) ES100C	ESB-U	\$49.00
	All	Bracket only—(1) ES100C, Multiple orientation "L" bracket	ESB-L	49.00
	All	Recess mount, stainless steel Electric "F" grille	ESFMT-EF	85.00
	All	Bumper/surface mount	ESBMT-SB	65.00
	All	Flush mount, Black grille	ESFMT-EFB	87.00
Ford				
Expedition	2018-2021	No drill, dual ES100C and Rumbler speaker bracket only—(2) ES100C, (2) Rumbler woofers	ESBR2-EXP18	145.00
F-150	2015-2017	Bracket only—(1) ES100C, will not work with EcoBoost models	ESB-FRD15	58.00
F-150/Responder	2015-2023	No drill, dual speaker bracket only—(2) ES100C, EcoBoost models only, not compatible with active lower air dam	ESB2-FRD15ND	87.00
F-150	2021-2023	No drill, dual speaker bracket only—(2) ES100C, Compatible with models equipped with active air shutters and lower active air dam	ESB2-FRD21ND	87.00
F-250/350/450	2020-2024	Multi-vehicle, (1) ES100C	ESB-U	49.00
Interceptor Utility	2020-2024	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille, will not work on hybrid models	ESBL-FPIU20	49.00
Interceptor Utility	2020-2024	No drill, bracket only—(1) ES100C or (1) AS124, compatible with push bumpers	ESB-FPIU20NDB	69.00
Interceptor Utility	2020-2024	No drill, dual speaker bracket only—(2) ES100C or (2) AS124, compatible with push bumpers	ESB2-FPIU20NDB	110.00
Dodge				
Charger	2015-2024	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille, does not mount with Rumbler	ESB-CHGR15	49.00
Charger	2015-2024	No drill, (1) ES100C, mounts speaker to hood latch assembly	ESB-CHGR15ND	49.00
Charger	2015-2024	Single/Dual Speaker bracket—(2) ES100C, does not work with adaptive cruise control option	ESB2-CHGR15	87.00
Durango SSV/Pursuit	2015-2023	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille	ESB-DUR15	49.00
Durango Pursuit	2021-2023	No drill, combination dual bracket kit—(2) ES100C and (2) MPS lights behind grille	ESBL2-DUR21ND	87.00
Ram SSV & Classic	2016-2023	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille (Not compatible with active air shutters)	ESBL-RAM16	49.00
Ram Classic	2019-2023	Multi-vehicle, (1) ES100C	ESB-U	49.00
Sprinter	2019	Driver side bumper mount, (1) ES100C	ESB-SPRNTR19-D	203.00
Sprinter	2019	Passenger side bumper mount, (1) ES100C	ESB-SPRNTR19-P	203.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

DynaMax®/ES100C Accessories & Brackets— Continued

Vehicle	Years	Type of Bracket	Model	List Price
Chevrolet				
Silverado HD	2019-2021	No drill, bracket only—(1) ES100C on Driver's side	ESB-SILHD20ND	\$49.00
Silverado HD	2019-2021	No drill, dual, brackets only—(1) ES100C on Driver's side and (1) ES100C on Passenger's side	ESB2-SILHD20ND	87.00
Silverado 1500/1500 LTD	2019-2021	No drill, combination bracket kit—(1) or (2) ES100C and (2) MPS lights behind grille, will work with active shutters	ESBL2-SIL19ND	87.00
Silverado 1500	2022-2023	No drill, combination dual bracket kit — (2) ES100C and (2) MPS lights behind grille	ESBL2-SIL22ND	99.00
Tahoe	2021-2024	No drill, dual bracket kit—(2) ES100C behind grille	ESB2-TAH21ND	99.00
Tahoe	2021-2024	No drill, combination dual bracket kit—(2) ES100C and (2) MPS lights behind grille	ESBL2-TAH21ND	145.00
Vehicle-Specific Kits				
Kenworth, GM Van, Ford F-650, Ford E-250/450	All	Kit, includes (2) ES100C speakers and (2) ESFMT-EF	ES100-ESFMT-EF	795.00
Note				
• MPS lights that are compatible with ES100C brackets are MPS6U, MPS12U, and MPSW9				

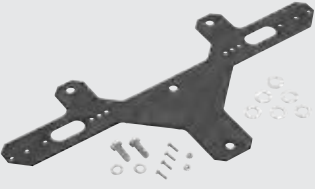
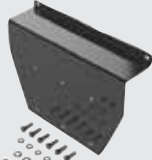
Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

DynaMax®/ES100C Brackets

 ESB-FRD15	 ESB-U	 ESB-CHGR15	 ESB-DUR15
 ESBL-RAM16	 ESB2-TAH21ND	 ESB2-CHGR15	 ESB2-FRD15ND
 ESBL2-TAH21ND	 ESBL-FPIU20	 ESB-FPIU20NDB	 ESB2-FPIU20NDB
 ESB-L	 ESB-CHGR15ND	 ESBL2-DUR21ND	 ESBL2-SIL19ND
 ESB2-FRD21ND	 ESBL2-SIL22ND		

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

AS124

- Economical 100 W speaker
- Neodymium driver delivers superior sound quality
- Durable composite plastic housing
- Vehicle-specific mounting brackets available
- Two-year warranty



Model	Description	List Price
750501	Speaker, 100 W, with multi-vehicle mount bolts and hardware, high output, Class A	\$273.00
750501V	Speaker, 100 W, vertical mounting applications, with multi-vehicle mounting bolts and hardware, high output, Class A	273.00

Accessories and Kits

750501-07	Mounting bracket for vertical applications, push bumper	56.00
750501-08	Mounting bracket, Dodge Durango, 2015-2023, does not mount with Rumbler®	56.00
750501-09	Mounting bracket, Dodge Charger, 2015-2024	56.00
ESB-FPIU20NDB	No drill, bracket only—(1) ES100C or (1) AS124, Police Interceptor Utility, 2020-2024, compatible with push bumpers	69.00
ESB2-FPIU20NDB	No drill, dual speaker bracket only—(2) ES100C or (2) AS124, Police Interceptor Utility, 2020-2024, compatible with push bumpers	110.00

Common Replacement Parts

Z8280090A	Driver, AS124	330.00
Z8556120B	Kit, BP200/AS124, speaker head	272.00
Z8650106A	Housing assembly with labels, AS124	124.00

Note

- Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier



750501-07



750501-08



750501-09



ESB2-FPIU20NDB

TS100-N

- 100 W speaker with bracket included for easy installation
- Neodymium driver delivers superior sound quality
- Weather-resistant housing
- Sound output meets SAE J1849 and Class A
- Two-year warranty



Model	Description	List Price
TS100-N	Speaker, 100 W, high-output, standard bracket, Class A	\$316.00

Common Replacement Parts

Z8470D118	Projector, molded plastic, TS100-N, Black	48.00
Z8556082C	Kit, speaker head, TS100-N/CP100	272.00
Z8556B096A	Cone, 3.25-inch, Black, TS100/TS100-N	48.00
Z8619145A	Driver, TS100-N	330.00

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Sirens / Speakers

Federal Signal

Effective January 22, 2024

BP Series

- 200 W speaker features Neodymium driver for increased service life
- Designed to be attractively recess-mounted through the bumper of a vehicle
- Available with the stainless steel Electric "F" grille or the traditional Chrome Q-Siren® grille
- Sound output meets SAE J1849 and Class A
- Two-year warranty



BP200-EF

Model	Description	List Price
BP200-EF	200 W, Stainless steel Electric "F" grille, recess mount	\$877.00
BP200-Q	200 W, Chrome Q-Siren grille, recess mount	1,196.00

Accessory

BPFMT-EF	Recess mount, stainless steel Electric "F" grille	90.00
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Common Replacement Parts

Z8280090A	Driver, 100 W, neomagnet	330.00
Z8280104B	Front grille, Q2B siren/BP200-Q, Chrome-plated Q-Siren emblem	609.00
Z8556120B	Kit, BP200/AS124, speaker head	272.00
Z8567102A	Grille, MSFMT-EF/BP200-EF, stainless steel Electric "F"	48.00
Z1751082A	Wire harness, BP200	117.00

Note

- Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Exterior Perimeter Light Feature Comparison

	MicroPulse®				
	MPS3U	MPS6U	MPS12U	MPSW9	C Series
SpectraLux® Multicolor LED Technology	•	•	•		
FSLink®	•	•	•		
FSJoin™	•	•	•	•*	•*
Single-Color	•	•	•	•	•
Dual-Color	•	•	•	•	•
Tri-Color		•	•		
Number of LEDs Determined by Color Combination	3, 6	6, 12, 18	12, 24, 36	9, 12	6, 8
Sync Flashing Capability	•	•	•	•	•
Clear Lens	•	•	•	•	•
Smoked Lens	•	•	•		
Warranty (years)	5	5	5	5	5

	QuadraFlare®				FireRay®		
	4x3	6x4	7x3	9x7	6x4	7x3	9x7
Solaris® LED Reflector Technology	•	•	•	•			
Single-Color	•	•	•	•	•	•	•
Dual-Color					•	•	•
Split-Color	•	•	•	•			
Number of LEDs Determined by Color Combination	16	16	16	16	24	24	36
Sync Flashing Capability	•	•	•	•	•	•	•
Clear Lens Available	•	•	•	•	•	•	•
Warranty (years)	5	5	5	5	5	5	5

* Steady burn models only

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

FireRay® LED 6x4

- Available in standard industry 6x4 size
- Single and dual-color models available
- Scene, Brake/Tail/Turn, Turn Arrow and Backup light models available
- Available with built-in flasher featuring (13) selectable patterns and (4) flashing modes
- LEDs offered in Amber, Blue, Red or White
- Lenses offered in Amber, Blue, Red or Clear
- Five-year warranty



FR6R1-R
(shown with optional Chrome bezel,
model FR6MC)

Model	Description	List Price
6x4 Single-Color Warning lights with Color lens and built-in flasher		
FR6A1-A	Amber LEDs, Amber lens	\$246.00
FR6B1-B	Blue LEDs, Blue lens	246.00
FR6R1-R	Red LEDs, Red lens	246.00
6x4 Single-Color Warning lights with Clear lens and built-in flasher		
FR6C1-R	Red LEDs, Clear lens	246.00
FR6C1-B	Blue LEDs, Clear lens	246.00
FR6C1-A	Amber LEDs, Clear lens	246.00
FR6C1-W	White LEDs, Clear lens	246.00
6x4 Dual-Color Warning lights with Clear lens and built-in flasher		
FR6C2-RW	Red/White LEDs, Clear Lens	268.00
FR6C2-BW	Blue/White LEDs, Clear Lens	268.00
FR6C2-AW	Amber/White LEDs, Clear Lens	268.00
FR6C2-RB	Red/Blue LEDs, Clear Lens	268.00
FR6C2-RA	Red/Amber LEDs, Clear Lens	268.00
FR6C2-BA	Blue/Amber LEDs, Clear Lens	268.00
6x4 Scene light		
FR6LEDSCENE	Scene light, Clear lens	448.00
6x4 Brake/Tail/Turn and Backup lights		
FR6-BACKUP	Backup light, White LEDs, Clear lens	256.00
FR6-BTT	Brake/Tail/Turn, Red LEDs, Red lens	192.00
FR6-ARROW	Arrow, Amber LEDs, Amber lens	176.00
Accessories and Kits		
FR6MC	Trim bezel, Chrome	20.00
FR6MB	Trim bezel, Black	19.00
FR6MC4V	4-position vertical casting, Chrome	249.00
FR6MB4V	4-position vertical casting, Black	230.00
FR6MC3V	3-position vertical casting, Chrome	230.00
FR6MHL	Headlight Mount Kit	59.00
FR6-A4HMC	Mounting kit to convert FireRay 6x4 to fit in QuadraFlare® 6x4 mounting holes	43.00



FireRay LED 6x4 (FR6C1-R) mounted
on bumper with two-to-four hole
conversion kit (FR6-A4HMC)



FireRay LED three-position vertical casting
with FireRay LED 6x4 brake/tail/turn (FR6-BTT),
arrow (FR6-ARROW), and backup (FR6-BACKUP)



FR6MC4V



FR6-ARROW

FireRay® LED 7x3

- Single- and dual-color models are available
- LEDs offered in Amber, Blue, Red or White
- Lenses offered in Amber, Clear or Red
- Available with built-in flasher featuring (13) selectable patterns and (4) flashing modes
- Five-year warranty



FR7R1-R
(shown with optional Chrome bezel,
model FR7MC)

Model	Description	List Price
7x3 Single-Color Warning lights with Color lens and built-in flasher		
FR7A1-A	Amber LEDs, Amber lens	\$246.00
FR7R1-R	Red LEDs, Red lens	246.00
7x3 Single-Color Warning lights with Clear lens and built-in flasher		
FR7C1-A	Amber LEDs, Clear lens	246.00
FR7C1-B	Blue LEDs, Clear lens	246.00
FR7C1-R	Red LEDs, Clear lens	246.00
FR7C1-W	White LEDs, Clear lens	246.00
7x3 Dual-Color Warning lights with Clear lens and built-in flasher		
FR7C2-RW	Red/White LEDs, Clear Lens	268.00
FR7C2-BW	Blue/White LEDs, Clear Lens	268.00
FR7C2-AW	Amber/White LEDs, Clear Lens	268.00
FR7C2-RB	Red/Blue LEDs, Clear Lens	268.00
FR7C2-BA	Blue/Amber LEDs, Clear Lens	268.00
7x3 Scene light		
FR7LEDSCENE	Scene light, Clear lens	448.00
Accessories and Kits		
FR7MC	Trim bezel, Chrome	24.00
FR7MB	Trim bezel, Black	24.00
FR7-A4HMC	Mounting kit to convert FireRay 7x3 to fit in QuadraFlare® 7x3 mounting holes	56.00

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

FireRay® LED 9x7

- Available in standard industry 9x7 size
- Single- and dual-color models available
- Available with built-in flasher featuring (13) selectable patterns and (4) flashing modes
- LEDs offered in Amber, Blue, Red or White
- Lenses offered in Amber, Blue, Red or Clear
- Five-year warranty



FR9R1-R
(shown with optional Chrome bezel,
model FR9MC)

Model	Description	List Price
9x7 Single-Color Warning lights with Color lens and built-in flasher		
FR9A1-A	Amber LEDs, Amber lens	\$368.00
FR9B1-B	Blue LEDs, Blue lens	368.00
FR9R1-R	Red LEDs, Red lens	368.00
9x7 Single-Color Warning lights with Clear lens and built-in flasher		
FR9C1-A	Amber LEDs, Clear lens	368.00
FR9C1-B	Blue LEDs, Clear lens	368.00
FR9C1-R	Red LEDs, Clear lens	368.00
FR9C1-W	White LEDs, Clear lens	368.00
9x7 Dual-Color Warning lights with Clear lens and built-in flasher		
FR9C2-RW	Red/White LEDs, Clear Lens	401.00
FR9C2-BW	Blue/White LEDs, Clear Lens	401.00
FR9C2-AW	Amber/White LEDs, Clear Lens	401.00
FR9C2-RB	Red/Blue LEDs, Clear Lens	401.00
9x7 Scene light		
FR9LEDSCENE	Scene light, Clear lens	637.00
Accessories and Kits		
FR9MC	Trim bezel, Chrome	30.00
FR9MB	Trim bezel, Black	24.00
FR9MCSCENE	Trim bezel, Scene light, Chrome	30.00
FR9MBSCENE	Trim bezel, Scene light, Black	24.00
FR9-A4HMC	Mounting kit to convert FireRay 9x7 to fit in QuadraFlare® 9x7 mounting holes	67.00



FireRay LED 9x7 (FR9C1-R) mounted
on side and rear of fire engine

QuadraFlare® 4x3

- Available in standard industry 4x3 size
- Enhanced lens design provides outstanding performance to meet various industry lighting specifications
- Offered with built-in flasher featuring a variety of selectable patterns
- Single model offers both “split” and “solid” flashing capabilities
- LEDs offered in Amber, Blue, Red or White
- Optional Chrome-plated trim bezel available
- SAE J845, J595 Class 1; White, Class 2
- Five-year warranty



QL43C-RW
(shown with optional Chrome bezel,
model QL43MC)



Model	Description	List Price
4x3 Warning lights with Color lens and built-in flasher		
QL43-AA	Amber LEDs, Amber lens	\$149.00
QL43-BB	Blue LEDs, Blue lens	149.00
QL43-RR	Red LEDs, Red lens	149.00
4x3 Warning lights with Clear lens and built-in flasher		
QL43C-AA	Amber LEDs, Clear lens	149.00
QL43C-BB	Blue LEDs, Clear lens	149.00
QL43C-RR	Red LEDs, Clear lens	149.00
QL43C-WW	White LEDs, Clear lens	149.00
4x3 Split color Warning lights with Clear lens and built-in flasher		
QL43C-BA	Blue/Amber LEDs split, Clear lens	149.00
QL43C-RB	Red/Blue LEDs split, Clear lens	149.00
QL43C-RW	Red/White LEDs split, Clear lens	149.00
4x3 Brake/Tail/Turn, Backup and Turn Lights		
QL43-BACKUP	Backup light, White LEDs, Clear lens	203.00
QL43-BTT	Brake/Tail/Turn, Red LEDs, Red lens	203.00
QL43-TURN	Turn light, Amber LEDs, Amber lens	203.00
Accessory		
QL43MC	Trim bezel, Chrome with gasket	26.00
Note		
• All light head models include mounting hardware. Bezels sold separately		

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

QuadraFlare® 6x4

- Available in standard industry 6x4 size
- Surpasses NFPA and GSA K-spec compliant upper and lower level requirements
- LEDs available in Amber, Blue, Green, Red or White
- Offered with built-in flasher featuring a variety of selectable patterns
- Single model offers both "split" and "solid" flashing capabilities
- Industry standard mounting dimensions
- Optional Chrome-plated trim bezel
- Brake/Tail/Turn, Turn Arrow and Backup light models also available
- Five-year warranty



Model	Description	List Price
6x4 Warning lights with Color lens and built-in flasher		
QL64-AA	Amber LEDs, Amber lens	\$232.00
QL64-BB	Blue LEDs, Blue lens	232.00
QL64-GG	Green LEDs, Green lens	232.00
QL64-RR	Red LEDs, Red lens	232.00
QL64-RRDEU	Red LEDs, Red lens, with Deutsch connector	238.00
6x4 Warning lights with Clear lens and built-in flasher		
QL64C-AA	Amber LEDs, Clear lens	232.00
QL64C-BB	Blue LEDs, Clear lens	232.00
QL64C-GG	Green LEDs, Clear lens	232.00
QL64C-RR	Red LEDs, Clear lens	232.00
QL64C-WW	White LEDs, Clear lens	232.00
6x4 Split color Warning lights with Clear lens and built-in flasher		
QL64C-AG	Amber/Green LEDs split, Clear lens	235.00
QL64C-RB	Red/Blue LEDs split, Clear lens	235.00
QL64C-RG	Red/Green LEDs split, Clear lens	235.00
QL64C-RW	Red/White LEDs split, Clear lens	235.00
6x4 Scene Light		
QL64LEDSCENE-SB	White LEDs, surface mount	289.00

Model	Description	List Price
6x4 Brake/Tail/Turn and Backup lights		
QL64-BTT	Brake/Tail/Turn, Red LEDs, Red lens	\$219.00
QL64-ARROW	Turn arrow, Amber LEDs, Amber lens	214.00
QL64-TURN	Turn light, Amber LEDs, Amber lens	219.00
QL64-BACKUP	Backup light, White LEDs, Clear lens	257.00
6x4 3-Position Vertical Casting		
QL643V-LEFT	Installed QL64-BTT, QL64-ARROW (left facing), QL64-BACKUP	849.00
QL643V-RIGHT	Installed QL64-BTT, QL64-ARROW (right facing), QL64-BACKUP	849.00
QL643V-LED	Installed QL64-BTT, QL64-TURN, QL64-BACKUP	935.00
QL643V	Casting with gasket	240.00
6x4 3-Position Horizontal Casting		
QL643H-LEFT	Installed QL64-BTT, QL64-ARROW (left facing), QL64-BACKUP	850.00
QL643H-RIGHT	Installed QL64-BTT, QL64-ARROW (right facing), QL64-BACKUP	850.00
QL643H-LEDLEFT	Installed QL64-BTT, QL64-TURN, QL64-BACKUP	935.00
QL643H-LEDRIGHT	Installed QL64-BTT, QL64-TURN, QL64-BACKUP	935.00
QL643H	Casting with gasket	240.00
6x4 4-Position Vertical Casting		
QL644V-LEFT	Installed QL64-BTT, QL64-ARROW (left facing), QL64-BACKUP, QL64-RR	1,150.00
QL644V-RIGHT	Installed QL64-BTT, QL64-ARROW (right facing), QL64-BACKUP, QL64-RR	1,150.00
QL644V-LED	Installed QL64-BTT, QL64-TURN, QL64-BACKUP, QL64-RR	1,244.00
QL644V	Casting with gasket	314.00

Accessories and Kits

QL64MBLK	Trim bezel, Black with gasket	31.00
QL64MC	Trim bezel, Chrome with gasket	28.00
QL64MHL	Headlight mount kit	60.00
650302	LED Flasher, (16) channels, (40) A total capacity, K-spec compliant	815.00

Note

- All light head models include mounting hardware. Bezels sold separately



QL643H-RIGHT



QL644V-LEFT



QL643V-RIGHT

QuadraFlare® 7x3

- Available in standard industry 7x3 size
- Surpasses NFPA and GSA K-spec compliant upper and lower level requirements
- Offered with built-in flasher featuring a variety of selectable patterns
- Single model offers both “split” and “solid” flashing capabilities
- Industry standard mounting dimensions
- LEDs offered in Amber, Blue, Green, Red or White
- Optional Chrome-plated trim bezel available
- Five-year warranty



QL73C-RR
(shown with optional Chrome bezel, model QL73MC)



QL73C-RW
(shown with optional Chrome bezel, model QL73MC)



Model	Description	List Price
7x3 Warning lights with Color lens and built-in flasher		
QL73-AA	Amber LEDs, Amber lens	\$209.00
QL73-BB	Blue LED, Blue lens	209.00
QL73-RR	Red LEDs, Red lens	209.00
7x3 Warning lights with Clear lens and built-in flasher		
QL73C-AA	Amber LEDs Clear lens	209.00
QL73C-BB	Blue LEDs, Clear lens	209.00
QL73C-GG	Green LEDs, Clear lens	209.00
QL73C-RR	Red LEDs, Clear lens	209.00
QL73C-WW	White LEDs, Clear lens	209.00
7x3 Split-color Warning lights with Clear lens and built-in flasher		
QL73C-RB	Red/Blue LEDs split, Clear lens	257.00
QL73C-RW	Red/White LEDs split, Clear lens	257.00
7x3 Scene Light		
QL73LEDSCENE-SB	White LED, surface mount, Clear lens	246.00
7x3 Brake/Tail/Turn and Backup lights		
QL73-BTT	Brake/Tail/Turn, Red LEDs, Red lens	219.00
QL73-BACKUP	Backup light, White LEDs, Clear lens	257.00
QL73-ARROW	Turn arrow, Amber LEDs, Amber lens	214.00
Accessories and Kits		
QL73MBLK	Trim bezel, Black with gasket	31.00
QL73MC	Trim bezel, Chrome with gasket	23.00
650302	LED Flasher, (16) channels, 40 A total capacity, K-spec compliant	815.00

Note

- All light head models include mounting hardware. Bezels sold separately

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

QuadraFlare® 9x7

- Available in standard industry 9x7 size
- Meets NFPA and GSA K-spec compliant upper and lower level requirements
- Features unique Quad-X patterns
- Single model offers both “split” and “solid” flashing capabilities
- Available with built-in flasher featuring a variety of OEM friendly selectable patterns
- LEDs offered in Amber, Blue, Red or White
- Optional Chrome-plated trim bezel
- Five-year warranty



QL97C-RW
(shown with optional Chrome bezel, model QL97MC)



Model	Description	List Price
9x7 Warning lights with Color lens and built-in flasher		
QL97-AA	Amber LEDs, Amber lens	\$376.00
QL97-BB	Blue LEDs, Blue lens	376.00
QL97-RR	Red LEDs, Red lens	376.00
9x7 Warning lights with Clear lens and built-in flasher		
QL97C-AA	Amber LEDs, Clear lens	376.00
QL97C-BB	Blue LEDs, Clear lens	376.00
QL97C-RR	Red LEDs, Clear lens	376.00
QL97C-WW	White LEDs, Clear lens	376.00
9x7 Split color Warning lights with Clear lens and built-in flasher		
QL97C-RA	Red/Amber LEDs split, Clear lens	432.00
QL97C-RB	Red/Blue LEDs split, Clear lens	432.00
QL97C-RW	Red/White LEDs split, Clear lens	432.00
9x7 Scene Light		
QL97LEDSCENE-SB	White LEDs, Clear lens, surface mount	519.00
Accessories and Kits		
QL97MBLK	Trim bezel, Black with gasket	41.00
QL97MC	Trim bezel, Chrome with gasket	39.00
650302	LED flasher, (16) channels, 40 A total capacity, K-spec compliant	815.00
Note		
• All light head models include mounting hardware. Bezels sold separately		

MicroPulse® Ultra

- Ultra low-profile design offers wide range of mounting options
- Multiple units are synchronizable and can flash simultaneously or alternately
- (25) Flash patterns
- Single-, dual-, and tri-color models are available
- Optional bezels available in Chrome or White
- Five-year warranty



Model	Description	List Price
MicroPulse Ultra 12, Single-Color, Clear lens		
MPS121U-A	(12) LEDs, Amber	\$225.00
MPS121U-R	(12) LEDs, Red	225.00
MicroPulse Ultra 12, Dual-Color, Clear lens		
MPS122U-BW	(24) LEDs, Blue/White	237.00
MPS122U-AW	(24) LEDs, Amber/White	237.00
MPS122U-RW	(24) LEDs, Red/White	237.00
MPS122U-RB	(24) LEDs, Red/Blue	237.00
MicroPulse Ultra 12, Tri-Color, Clear lens		
MPS123U-BAW	(36) LEDs, Blue/Amber/White	272.00
MPS123U-RAW	(36) LEDs, Red/Amber/White	272.00
MPS123U-RBW	(36) LEDs, Red/Blue/White	272.00
MPS123U-AGW	(36) LEDs, Amber/Green/White	272.00
MPS123U-RBA	(36) LEDs, Red/Blue/Amber	272.00
MicroPulse Ultra 12, Tri-Color, Smoked lens		
MPS123U-RBW-SMK	(36) LEDs, Red/Blue/White	290.00
MicroPulse Ultra 6, Single-Color, Clear lens		
MPS61U-A	(6) LEDs, Amber	191.00
MPS61U-B	(6) LEDs, Blue	191.00
MPS61U-R	(6) LEDs, Red	191.00
MPS61U-W	(6) LEDs, White	191.00
MicroPulse Ultra 6, Dual-Color, Clear lens		
MPS62U-AW	(12) LEDs, Amber/White	201.00
MPS62U-RB	(12) LEDs, Red/Blue	201.00
MPS62U-BA	(12) LEDs, Blue/Amber	201.00
MPS62U-BW	(12) LEDs, Blue/White	201.00
MPS62U-RW	(12) LEDs, Red/White	201.00
MicroPulse Ultra 6, Tri-Color, Clear lens		
MPS63U-RBA	(18) LEDs, Red/Blue/Amber	229.00
MPS63U-RBW	(18) LEDs, Red/Blue/White	229.00
MPS63U-BAW	(18) LEDs, Blue/Amber/White	229.00
MPS63U-RAW	(18) LEDs, Red/Amber/White	229.00
MPS63U-AGW	(18) LEDs, Amber/Green/White	229.00
MicroPulse Ultra 6, Tri-Color, Clear lens, 8-ft. (243.8 cm) cable		
MPS63U-8FT-RBW	(18) LEDs, Red/Blue/White	250.00

Model	Description	List Price
MicroPulse Ultra 6, Tri-Color, Smoked lens		
MPS63U-RBW-SMK	(18) LEDs, Red/Blue/White	\$243.00
MicroPulse Ultra 3, Single-Color, Clear lens		
MPS31U-A	(3) LEDs, Amber	119.00
MPS31U-B	(3) LEDs, Blue	119.00
MPS31U-G	(3) LEDs, Green	119.00
MPS31U-R	(3) LEDs, Red	119.00
MPS31U-W	(3) LEDs, White	119.00
MicroPulse Ultra 3, Dual-Color, Clear lens		
MPS32U-RB	(6) LEDs, Red/Blue	145.00
MPS32U-RW	(6) LEDs, Red/White	145.00
MPS32U-BW	(6) LEDs, Blue/White	145.00
MPS32U-AW	(6) LEDs, Amber/White	145.00
MPS32U-BA	(6) LEDs, Blue/Amber	145.00
MPS32U-RA	(6) LEDs, Red/Amber	145.00
MPS32U-AG	(6) LEDs, Amber/Green	145.00
MicroPulse Ultra 3, Dual-Color, Smoked lens		
MPS32U-RB-SMK	(6) LEDs, Red/Blue	170.00
MPS32U-BW-SMK	(6) LEDs, Blue/White	170.00
MPS32U-RW-SMK	(6) LEDs, Red/White	170.00
Accessories		
MPSUMB3-1	Chrome bezel for (1) MicroPulse Ultra 3	18.00
MPSUMB3-2	White bezel for (1) MicroPulse Ultra 3	18.00
MPSUMB6-1	Chrome bezel for (1) MicroPulse Ultra 6	18.00
MPSUMB6-2	White bezel for (1) MicroPulse Ultra 6	18.00
MPSUMB12-1	Chrome bezel for (1) MicroPulse Ultra 12	18.00
MPSUMB12-2	White bezel for (1) MicroPulse Ultra 12	18.00
Common Replacement Parts		
MPSUMB3-3	Black bezel for (1) MicroPulse Ultra 3	18.00
MPSUMB6-3	Black bezel for (1) MicroPulse Ultra 6	18.00
MPSUMB12-3	Black bezel for (1) MicroPulse Ultra 12	18.00

- Notes
- All light head models include Black bezel and hardware kit
 - Visit www.fedsig.com to view MicroPulse Ultra flash patterns

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

MicroPulse® Ultra D-Pillar

- Complete system includes (6) MPS6U tri-color light heads, (2) shroud/bracket assemblies, (2) harnesses, and (1) EXPMOD24 Expansion Module
- Vacuum formed shrouds fit vehicle's back pillars and are mounted with 3M® VHB tape
- Preassembled with pre-terminated MPS6U light heads to reduce installation time
- Compatible with a Convergence Network/FSJoin™ siren or controller, sold separately
- Five-year warranty



Model	Description	List Price
ELSD-FPIU20RBA	Lighting system, D-Pillar, 2020-2024 Ford Police Interceptor Utility, Red/Blue/Amber	\$2,414.00
ELSD-FPIU20RBW	Lighting system, D-Pillar, 2020-2024 Ford Police Interceptor Utility, Red/Blue/White	2,414.00
ELSD-TAH21RBA	Lighting system, D-Pillar, 2021-2024 Chevrolet Tahoe/Suburban, Red/Blue/Amber	2,414.00
ELSD-TAH21RBW	Lighting system, D-Pillar, 2021-2024 Chevrolet Tahoe/Suburban, Red/Blue/White	2,414.00

MicroPulse® Wide Angle 9

- Utilizes (9) or (12) LEDs, 180-degree light spread
- Single- and dual-color models available
- Perfect for mounting on push bumpers, rub rails, side mirrors and spoilers
- Black bezel included with light; optional Chrome or White bezels available
- LEDs available in Amber, Blue, Red and White
- Five-year warranty



MPSW9-R

Model	Description	List Price
MicroPulse Wide Angle 9, Single-Color, Clear lens, surface mount, 12/24 Vdc		
MPSW9-A	(9) LEDs, Amber	\$271.00
MPSW9-B	(9) LEDs, Blue	271.00
MPSW9-R	(9) LEDs, Red	271.00
MPSW9-W	(9) LEDs, White	271.00

MicroPulse Wide Angle 9, Dual-Color, Clear lens, surface mount, 12 Vdc		
MPSW9-BA	(12) LEDs, Blue/Amber	283.00
MPSW9-RA	(12) LEDs, Red/Amber	283.00
MPSW9-AW	(12) LEDs, Amber/White	283.00
MPSW9-RB	(12) LEDs, Red/Blue	283.00
MPSW9-BW	(12) LEDs, Blue/White	283.00
MPSW9-RW	(12) LEDs, Red/White	283.00

Accessories

MPSMW9-1	Chrome bezel for (1) MPSW9	21.00
MPSMW9-2	White bezel for (1) MPSW9	21.00

Common Replacement Part

MPSMW9-3	Black bezel for (1) MPSW9	21.00
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Notes

- All light head models include Black bezel and hardware kit
- Visit www.fedsig.com to view MicroPulse Wide Angle 9 flash patterns

MicroPulse® C Series

- Superior warning with (6) or (8) high-powered LEDs
- Single- and dual-color models are available
- Includes Black surface mount bezel and stud mount
- Low-profile for discreet mounting
- Multiple units can be synchronized to flash simultaneously or alternately
- (27) selectable flash patterns including steady and random
- Five-year warranty



Model	Description	List Price
Single-Color, Clear lens, surface and stud mount, 12 Vdc		
MPSC-A	(6) LEDs, Amber	\$185.00
MPSC-B	(6) LEDs, Blue	185.00
MPSC-R	(6) LEDs, Red	185.00
MPSC-W	(6) LEDs, White	185.00
Dual-Color, Clear lens, surface and stud mount, 12 Vdc		
MPSC2-RB	(8) LEDs, Red/Blue	196.00
MPSC2-BW	(8) LEDs, Blue/White	196.00
MPSC2-RW	(8) LEDs, Red/White	196.00
MPSC2-AW	(8) LEDs, Amber/White	196.00
Note		
• All light head models include Black bezel and hardware kit		

MicroPulse® 650/652

- Multiple mounting options for various applications
- Superior warning with (6) or (12) high-powered LEDs
- Single- and dual-color models are available
- LEDs offered in Amber, Blue, Red and White
- Single/multi-unit synchronization
- Five-year warranty



Model	Description	List Price	Model	Description	List Price
MicroPulse 6, Single-Color, Clear lens, hood/grille mount, 12/24 Vdc			MicroPulse 6, Dual-Color, Clear lens, hood/grille mount, 12/24 Vdc		
MPS650-AA	(6) LEDs, Amber/Amber	\$191.00	MPS652-BR	(12) LEDs, Blue/Red	\$219.00
MPS650-BB	(6) LEDs, Blue/Blue	191.00	MPS652-BW	(12) LEDs, Blue/White	219.00
MPS650-RR	(6) LEDs, Red/Red	191.00	MPS652-RW	(12) LEDs, Red/White	219.00
MPS650-WW	(6) LEDs, White/White	191.00	MPS652-WA	(12) LEDs, White/Amber	219.00

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

SignalTech® LED Lights

- Reflector cell technology enhances brightness and reduces sunlight washout
- Enhanced lens design for a uniform pattern
- Solid-state components are potted to withstand rugged road conditions
- FMVSS (Federal Motor Vehicle Safety Standards) 108 compliant
- Three-year warranty



607123-02SB

607123-04SB

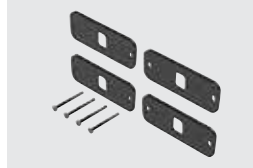
Model	Description	List Price
Kit includes LED light, rubber mount grommet, sealed wire harness		
4-inch Round LED light kits, 12/24 Vdc		
607123-02SB	PAR 36, Amp harness, Amber	\$84.00
607123-03SB	PAR 36, Amp harness, Blue	84.00
607123-04SB	PAR 36, Amp harness, Red	84.00
607123-05SB	PAR 36, Amp harness, White	84.00
6-inch Oval LED light kit, 12/24 Vdc		
607101-02SB	Amp harness, Amber	84.00
607101-03SB	Amp harness, Blue	84.00
607101-04SB	Amp harness, Red	84.00
607101-05SB	Amp harness, White	84.00
S/T/T and Backup lights		
Kit includes LED light, rubber mounting grommet, sealed wire harness		
4-inch Round LED light kits, 12/24 Vdc		
607100-04SB	Stop/Tail/Turn light, Amp harness, Red	83.00
607102-02SB	Turn light, Amp harness, Amber	87.00
607124-05SB	Backup light, Amp harness, White	88.00
607124-05SB-DEU	Backup light, Amp harness, weather tight connector, White	100.00
6-inch Oval LED light kits, 12/24 Vdc		
607105-04SB	Stop/Tail/Turn light, Amp harness, Red	87.00
607106-02SB	Turn light, Amp harness, Amber	87.00
607125-05SB	Backup light, Amp harness, White	94.00
Side Marker/Clearance light kits, 12 Vdc		
607120-02SB	2.5-inch round, PL10 harness, Amber	26.00
607120-04SB	2.5-inch round, PL10 harness, Red	26.00
Indicator Light		
607121-04SB	1.5-inch flashing and steady, Red	41.00
Accessories and Kits		
605501-02SB	6-inch oval flashing LED light head, Amber; -04 (Red)	67.00
605520SB	4-inch round Kit, rubber mounting grommet	7.00
605510SB	6-inch oval Kit, rubber mounting grommet	7.00
605523-02SB	4-inch round flashing LED light head, Amber; -03 (Blue); -04 (Red)	63.00
605500SB	Sealed wire harness for flashing LED light heads	13.00
607109SB	Sealed wire harness for S/T/T and Turn LED light heads	21.00
605530SB	2.5-inch round mounting grommet	7.00

Federal Signal

MicroPulse® Series Brackets and Kits

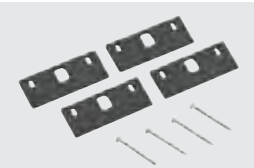
Effective January 22, 2024

MicroPulse® Ultra 3

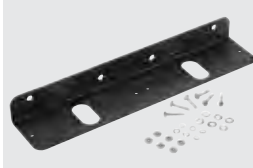
				
MPSM3-LB \$19.00	MPSM3-DS \$26.00	MPSM3-DL \$26.00	MPSM3-SB \$34.00	MPSM3UC-SPACRKT \$29.00
Generic L-Bracket for (1) MPS3U light	Generic L-Bracket for (2) MPS3U lights, stacked	Generic L-Bracket for (2) MPS3U lights, side-by-side	Swivel Mount Bracket for (1) MPS3U light	Kit of four 5-degree rubber mounting wedges for use with MPS3U lights

MicroPulse 6 and MicroPulse Ultra 6

				
MPSM6-LB \$19.00	MPSM6-DS \$26.00	MPSM6-DL \$26.00	MPSM6-SB \$34.00	MPSM6-SPACRKT \$29.00
Generic L-bracket for (1) MPS6U light	Generic L-bracket for (2) MPS6U lights, stacked	Generic L-bracket for (2) MPS6U lights, side-by-side	Swivel mount bracket for (1) MPS6U light	Kit of four 5-degree rubber mounting wedges for use with MPS600 lights

				
MPSM6U-SPACRKT \$29.00	MPSM650-SPACRKT \$33.00	MPSM6U-FPIU20SMW \$18.00	MPSM6U-FPIU20VWW \$35.00	MPSM6U-WIN \$70.00
Kit of four 5-degree rubber mounting wedges for use with MPS6U lights	Kit of four 5-degree rubber mounting wedges for use with (2) MPS650 lights	Kit of two 20-degree rubber mounting wedges, each wedge mounts (1) MPS6U light to each side mirror arm, Ford Police Interceptor Utility, 2020-2024	Kit of four rubber mounting wedges, each wedge mounts (1) MPS6U light to each of the four wheel arch moldings, Ford Police Interceptor Utility, 2020-2024	Adhesive mount for (1) MPS6U light. Kit includes 90°, 67°, 46°, and 30° shrouds

MicroPulse Ultra 12

				
MPSM12-LB \$19.00	MPSM12-DS \$26.00	MPSM12-DL \$26.00	MPSM12-SB \$34.00	MPSM12U-SPACRKT \$35.00
Generic L-bracket for (1) MPS12U light	Generic L-bracket for (2) MPS12U lights, stacked	Generic L-bracket for (2) MPS12U lights, side-by-side	Swivel mount bracket for (1) MPS12U light	Kit of four 5-degree rubber mounting wedges for use with MPS12U lights

			
MPSUMA12-1 \$58.00	MPSUMA12-3 \$58.00	MPSM12U-FRD23DTL \$79.00	MPSM12U-FRD23DTL2 \$79.00
40° angled bezel for (1) MPS12U light, Chrome	40° angled bezel for (1) MPS12U light, Black	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/ MPS12U light, Ford F-150, 2023	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/ MPS12U light and (1) MPS3U/ MPS6U light, Ford F-150, 2023

MicroPulse® Series Brackets and Kits

Federal Signal

Effective January 22, 2024

MicroPulse® C Series



MPSMC-LBWN \$37.00
L-bracket kit for (1) MPSC light



MPSMC-SBWN \$47.00
Swivel mount bracket for (1) MPSC light

Spoiler



MPSM6-TA21RS \$230.00
Pair of spoiler brackets, each bracket holds (3) MPS6U lights, Chevrolet Tahoe, 2021-2024



MPSM6-TA21RS1 \$87.00
2-head MPS6U spoiler bracket kit, Chevrolet Tahoe, 2021-2024



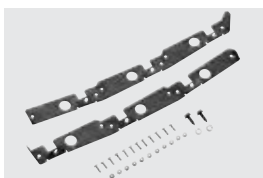
MPSM6-FPIU20RS1 \$196.00
Pair of spoiler brackets, each bracket holds, (1) MPS6U light, Ford Police Interceptor Utility, 2020-2024



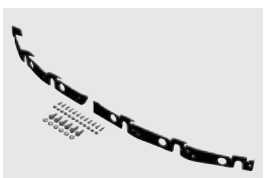
MPSM6-FPIU20RS2 \$196.00
Pair of spoiler brackets, each bracket holds (3) MPS6U lights, Ford Police Interceptor Utility, 2020-2024



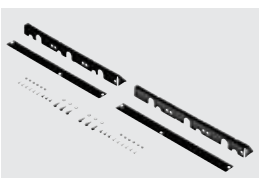
MPSM6-FPIU20RS3 \$196.00
Pair of spoiler brackets, each bracket holds (2) MPS6U lights, Ford Police Interceptor Utility, 2020-2024



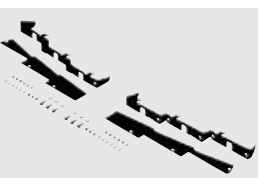
MPSM6-DU15RS \$114.00
6-head MPS6U spoiler bracket kit, Dodge Durango, 2015-2020



MPSM6-DU22RS \$114.00
6-head MPS6U spoiler bracket kit, Dodge Durango, 2022-2023

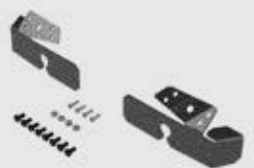


MPS6U-SIL19RS6 \$196.00
Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Chevrolet Silverado 2019-2023



MPSM6U-EXP22RS6 \$196.00
Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Ford Expedition, 2022-2024

Side Mirror



MPSMW9-TAH21MIR \$64.00

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Tahoe, 2021-2024



MPSMW9-SIL19MIR \$41.00

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado 1500, 2019-2023



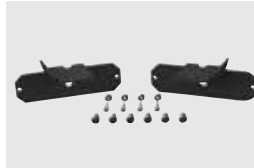
MPSMW9-FPIU20MIR \$41.00

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford Police Interceptor Utility, 2020-2024



MPSMW9-FRD21MIR \$59.00

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150 (non-towing mirrors)/Lightning, 2021-2023



MPSMW9-DUR21MIR \$41.00

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Durango, 2015-2023



MPSMW9-RAM19MIR \$41.00

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Ram, 2019-2022; Dodge Ram new body style



MPSMW9-SHD \$45.00

Shroud for (1) MPSW9 light, multi-vehicle applications



MPSMW9-CHGR11MIR \$64.00

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Charger, 2011-2024

B-Pillar



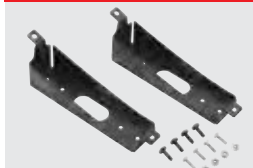
MPSM6U-BP1 \$60.00

Pair of B-pillar brackets, each bracket mounts (1) MPS6U light on the rear of B-pillar, Dodge Charger, 2011-2024



MPSM6U-BP2 \$60.00

Pair of B-pillar brackets, each bracket mounts (1) MPS6U light on the rear of B-pillar, Chevrolet Tahoe, 2021-2024 and Ford Police Interceptor Utility, 2020-2024

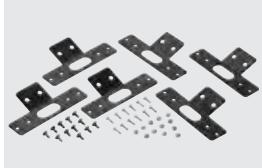


MPS6U-FPIU20FOG \$92.00

Pair of fog light brackets, each bracket holds (1) MPS3U/ MPS6U light, Ford Police Interceptor Utility, 2020-2024

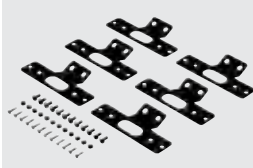
Fog Light Area

Running Board



MPSM6-FRD15RB \$110.00

(6) Running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023 (Includes XL and XLT trim levels with OEM running boards)



MPSM6U-FD15UPRB \$110.00

(6) Upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023

Wide Angle



MPSMW9-LB \$19.00

L-Bracket for (1) MPSW9



MPSMW9-SPACRKT \$33.00

Kit for (4) 5-degree rubber mounting wedges for use with MPSW9 lights

MicroPulse® Series Brackets and Kits

Federal Signal

Effective January 22, 2024

License Plate



IPX-LPV1 \$45.00

Flat surface license plate bracket, mounts MPS3U lights, various vehicles without recessed plate mounting locations



IPX-LPV2 \$89.00

Adjustable license plate bracket, mounts MPS3U/MPS6U/ MPS12U lights to the license plate of popular vehicles



IPX-LPVX1 \$48.00

Extended license plate bracket, mounts MPS3U lights, for vehicles with a recessed license plate mount location



IPX-LPH1 \$45.00

Generic high side license plate holder with horizontal mount tab on each side, mounts MPS3U lights, fits most vehicles



MPSM6-LPV1 \$111.00

Vertical mount license plate brackets, each bracket holds (2) MPS6U light heads on each side



MPSM-LPH1 \$47.00

Horizontal license plate bracket, mounts (2) MPS3U/MPS6U/ MPSC lights, fits most vehicles



MPSM6-LPH1 \$111.00

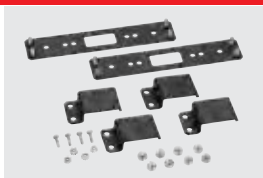
Horizontal license plate mount, (2) MPS6U, MPS12U, MPSW9 lights

Grille



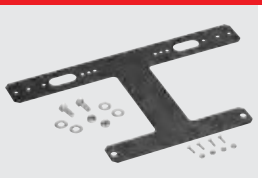
IPX-GRL8 \$59.00

Pair of grille brackets with hardware, horizontal mount orientation, each bracket holds (1) MPS3U/MPS6U/ MPS12U light, Dodge Charger, 2015-2024, without Rumbler® installation



IPX-GRL14 \$58.00

Pair of grille brackets, horizontal mount, no drill, each bracket holds (1) MPS3U/MPS6U light, Ford 150 Responder, 2018-2023 (will work on lower end trim level grilles on XL and XLT models)



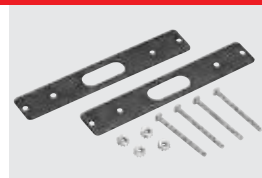
IPX-GRL16 \$46.00

Single grille bracket with hardware, no drill, horizontal mount orientation, bracket holds (2) MPS3U/MPS6U/ MPS12U lights, Ford Police Interceptor Utility, 2020-2024



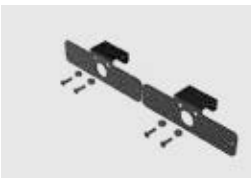
IPX-GRL17 \$92.00

Pair of lower grille brackets with hardware, horizontal mount orientation, each bracket holds (2) MPS3U/ MPS6U lights, Ford Police Interceptor Utility, 2020-2024



MPSM6-GRL1 \$38.00

Pair of grille brackets, each bracket holds (1) MPS3U/ MPS6U light, fits vehicles with a mesh grille



MPSM6U-FPIU20GCO \$27.00

Kit of two grill cut-out brackets, adapts (2) MPS6U lights to OEM grill cut-outs, Ford Police Interceptor Utility, 2020-2024



MPSM6-GRL2 \$53.00

Pair of grille brackets, each bracket holds (1) MPS6U light behind grill, Chevrolet Tahoe, 2021-2024



MPSM6-GRL3 \$116.00

Pair of grille brackets, each bracket holds (2) MPS6U light outside of grill, each side of bowtie, Chevrolet Tahoe, 2021-2024

Corner LED System (416900Z/416910Z)

- Suitable for external and internal use
- (19) built-in selectable flash patterns
- Multiple light heads can be synchronized and can flash simultaneously or alternately
- (12) LEDs per light head
- Available in single- and dual-color models
- Two mounting options; bezel for surface mounting or can be installed in a head lamp
- Five-year warranty



Model	Description	List Price
Single-Color, single-head, in-line Corner LED Systems: (1) LED head with in-line flasher, cables, and Black bezel		
416910Z-A	Amber	\$130.00
416910Z-B	Blue	130.00
416910Z-R	Red	130.00
416910Z-W	White	130.00
Dual-Color, single-head, in-line Corner LED Systems: (1) LED head with in-line flasher, cables, and Black bezel		
416900Z-BA	Blue/Amber	130.00
416900Z-BW	Blue/White	130.00
416900Z-RA	Red/Amber	130.00
416900Z-RB	Red/Blue	130.00
416900Z-RW	Red/White	130.00
416900Z-AW	Amber/White	130.00
Accessories		
416900-BZC	Chrome bezel for 416900Z/416910Z Series	14.00
416900-BZW	White bezel for 416900Z/416910Z Series	14.00
416900-BZB	Black bezel for 416900Z/416910Z Series	14.00
416900-VHB	3M™ VHB™ no-drill mount for Ford Interceptor Utility, 2020-2024 with standard headlight assembly and taillight when Ford option 86T is ordered, 4-pack	19.00

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

416300 Series

- Utilizes (3) or (6) LEDs
- Available in single- or dual-color models
- (17) flash patterns including random and steady
- Single/multi-unit synchronization
- Flush mount with included grommet; optional L-bracket for single-color models only, sold separately
- UV resistant polycarbonate lens
- Five-year warranty



Model	Description	List Price
Flush mount, Single-Color, Clear Lens, 12 Vdc		
416300-A	(3) LEDs, Amber	\$114.00
416300-B	(3) LEDs, Blue	114.00
416300-R	(3) LEDs, Red	114.00
416300-W	(3) LEDs, White	114.00
Flush mount, Dual-Color, Clear Lens, 12/24 Vdc		
416300-BA	(6) LEDs, Blue/Amber	126.00
416300-RB	(6) LEDs, Red/Blue	126.00
416300-BW	(6) LEDs, Blue/White	126.00
416300-RA	(6) LEDs, Red/Amber	126.00
416300-RW	(6) LEDs, Red/White	126.00
416300-AW	(6) LEDs, Amber/White	126.00
Accessories		
416301	L-bracket kit for use with single-color models only	14.00
416302	Grommet kit, mounts (2) 416300 series in bottom of liftgate panel for auxiliary rear warning when liftgate is open, Chevrolet Tahoe, 2021-2024	20.00

Commander® Flashing and Marker Lights

- Multipurpose surface mount warning and marker lights; small size allows for various mounting locations on vehicle
- Flashing models available with a single flash pattern
- Marker/clearance lights meet SAE J592 and J2042
- All models are fully encapsulated to prevent any moisture issues
- All models include a Chrome flange and mounting gasket
- Five-year warranty



COM1FC-R

Model	Description	List Price
Flashing Light, Surface Mount		
COM1FC-A	(4) LEDs, Chrome flange, Amber	\$34.00
COM1FC-R	(4) LEDs, Chrome flange, Red	34.00
Marker Light, Surface Mount		
COM1MC-A	(4) LEDs, Chrome flange, Amber	34.00
COM1MC-R	(4) LEDs, Chrome flange, Red	34.00

LED Traffic-Clearing Light

- Delivers 250+ feet of direct warning light
- Available in 9x7 and 6x4 sizes (6x4 is sold in pairs)
- LEDs are offered in Amber, Blue, Green, Red, and White
- Lenses are available in Amber, Clear, and Red
- Available as an option in the Navigator® light bar
- Five-year warranty



LEDTCL64R-R



LEDTCL97C-W

Model	Description	List Price
LEDTCL64A-A	6x4 (pair), Amber LEDs, Amber lens	\$647.00
LEDTCL64C-A	6x4 (pair), Amber LEDs, Clear lens	647.00
LEDTCL64C-B	6x4 (pair), Blue LEDs, Clear lens	647.00
LEDTCL64C-G	6x4 (pair), Green LEDs, Clear lens	647.00
LEDTCL64C-R	6x4 (pair), Red LEDs, Clear lens	647.00
LEDTCL64C-W	6x4 (pair), White LEDs, Clear lens	647.00
LEDTCL64R-R	6x4 (pair), Red LEDs, Red lens	647.00
LEDTCL64C-RB	6x4 (pair), (1) driver side Red LEDs, Clear lens and (1) passenger side Blue LEDs, Clear lens	647.00
LEDTCL97A-A	9x7, Amber LEDs, Amber lens	508.00
LEDTCL97C-A	9x7, Amber LEDs, Clear lens	508.00
LEDTCL97C-B	9x7, Blue LEDs, Clear lens	508.00
LEDTCL97C-G	9x7, Green LEDs, Clear lens	508.00
LEDTCL97C-R	9x7, Red LEDs, Clear lens	508.00
LEDTCL97C-W	9x7, White LEDs, Clear lens	508.00
LEDTCL97R-R	9x7, Red LEDs, Red lens	508.00
Accessories		
QL97MC	9x7 Trim bezel, Chrome with gasket	39.00
QL64MC	6x4 Trim bezel, Chrome with gasket	28.00

Exterior Perimeter Lights

Federal Signal

Effective January 22, 2024

Commander® LED Strip Lights

- 10" LED strip lights provide versatile lighting solutions and mounting options
- Available models include B/T/T, compartment, tank, and warning lights
- Warning lights are available in Amber, Blue, or Red LEDs with a colored or clear lens
- Warning light models have eleven flash patterns and can be synched to flash simultaneously or alternating
- Tank level light utilizes four colors to indicate tank level statuses
- Five-year warranty



Model	Description	List Price
Warning light models		
COMSTLF-A	(72) LEDs, Amber, Amber lens	\$157.00
COMSTLFC-A	(72) LEDs, Amber, Clear lens	157.00
COMSTLF-B	(72) LEDs, Blue, Blue lens	157.00
COMSTLFC-B	(72) LEDs, Blue, Clear lens	157.00
COMSTLF-R	(72) LEDs, Red, Red lens	157.00
COMSTLFC-R	(72) LEDs, Red, Clear lens	157.00
COMSTL-BTT	(72) LEDs, Red, Red lens, Brake/Tail/Turn	157.00
Tank light model		
COMSTL-TANK	(96) LEDs, Amber, Blue, Green and Red, Clear lens	246.00
Compartment light models		
COMSTLS6C-W	(6) LEDs, White, Frosted lens	107.00
COMSTLS18C-W	(18) LEDs, White, Frosted lens	157.00
Accessory		
COMSTL-BKT	Mounting bracket for use with (1) COMSTL light	42.00

NightSpire®

- Adjustable spotlight to floodlight capability
- 360° of continuous rotation
- 130° of vertical tilt
- Multi-select synchronization — Sync up to three lights with one controller
- IP69K — Maximum protection from dust and water
- Wireless controller; Back-lit controller buttons when activated
- 3,100 raw lumen output
- Permanent and magnet mount bases available
- Five-year warranty



Model	Description	List Price
NS200-P	Permanent/1-inch pipe mount	\$910.00
NS200-M	Magnet mount, accessory plug	975.00
Common Replacement Parts		
NSCTRL-1	Wireless controller	165.00
Z843303374A	Clear dome	69.00
Accessory		
200NS-TALL	Branch Guard	85.00

COM7 Scene Lights

- High-powered LED scene light
- Compact design for effective floodlight solution
- 890 effective lumen output
- Models available with Black, Chrome, or White polycarbonate bezels
- Weatherproof and vibration resistant
- Five-year warranty



COM7-B

Model	Description	List Price
COM7-B	COM7 Scene Light, Black bezel	\$114.00
COM7-C	COM7 Scene Light, Chrome bezel	114.00
COM7-W	COM7 Scene Light, White bezel	114.00

COM9 Scene Lights

- High-powered LED scene light
- Curved design to maximize flood light coverage
- 1460 effective lumen output
- Models available with Black or White die-cast aluminum housing
- Weatherproof and vibration resistant
- Five-year warranty



COM9-B

Model	Description	List Price
COM9-B	COM9 Scene Light, Black housing	\$146.00
COM9-W	COM9 Scene Light, White housing	146.00

Directional Warning Lights

Federal Signal

Effective January 22, 2024

Directional Warning Features Comparison

	CN SignalMaster™	Latitude™ — Flashing	Latitude™ — SignalMaster™	MicroPulse® — SignalMaster™
Solaris® LED Reflector Technology	•	•	•	
SpectraLux® Multicolor LED	•			
ROC (Reliable Onboard Circuitry™)	•	•	•	
FS Convergence Network	•			
FSJoin™	•			
Available Lengths (inches)	16, 31	17, 24, 32	24, 32, 48	23, 30, 32, 36, 42, 44, 51, 65
Number of Light heads	4, 8	4, 6, 8	6, 8	4, 6, 8
Clear Lens Available	•	•	•	•
Number of LEDs per Light head*	6, 12, 18	3	3	12
LED Takedowns	•			
Flood Lighting	•			
LED SignalMaster	•		•	•
Dimming	•			
Online Configurator	•			
Warranty (years)	5	5	5	5

* Number of LEDs determined by color combinations

Latitude™ Flashing Models

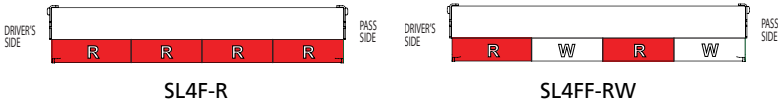
- LED flashing warning light and SignalMaster™ models suitable for both interior and exterior mounting applications
- Available in 4-head, 6-head and 8-head models
- Innovative co-extrusion, polycarbonate housing provides moisture resistance
- Optional mounting brackets and shrouds available
- Flashing models have (10) flash patterns
- Five-year warranty



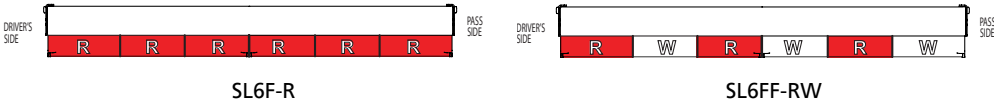
Model	Description	List Price
4-Head flashing model, 16.9-inch length		
SL4F-2R2B	(2) Red light heads, (2) Blue light heads (alternating) R-B-R-B	\$416.00
SL4F-RB	(2) Red light heads, (2) Blue light heads, R-R-B-B	416.00
SL4F-R	(4) Red light heads, R-R-R-R	416.00
SL4F-B	(4) Blue light heads, B-B-B-B	416.00
6-Head flashing model, 24.2-inch length		
SL6F-RB	(3) Red light heads, (3) Blue light heads, R-R-R-B-B-B	598.00
SL6F-R	(6) Red light heads, R-R-R-R-R-R	598.00
SL6F-B	(6) Blue light heads, B-B-B-B-B-B	598.00
SL6F-A	(6) Amber light heads, A-A-A-A-A-A, (does not include directional functions)	598.00
SL6FF-RW	(3) Red light heads, (3) White light heads, R-W-R-W-R-W (includes white light cut-off option)	598.00
8-Head flashing model, 31.8-inch length		
SL8F-RB	(4) Red light heads, (4) Blue light heads, R-R-R-R-B-B-B-B	676.00
SL8F-R	(8) Red light heads, R-R-R-R-R-R-R-R	676.00
SL8F-B	(8) Blue light heads, B-B-B-B-B-B-B-B	676.00
SL8F-A	(8) Amber light heads, A-A-A-A-A-A-A-A, (does not include directional functions)	676.00

Model	Description	List Price
Accessories and Kits		
320310	Kit, bracket, flush mount system	\$53.00
320320	Kit, bracket, double L-bracket	81.00
320330	Kit, bracket, system mount	74.00
320340	Kit, bracket, multi-vehicle mount	162.00
320350	Kit, bracket, foot adaptor	47.00
SLB-001	Kit, Long L-bracket	65.00
SLB-002	Kit, Short L-bracket	65.00
SLB-FRD15ND	Kit, 8-head bracket for CN SignalMaster™, or Latitude, no drill, Ford F-150 2015-2023 and Super Duty 2017-2022	65.00

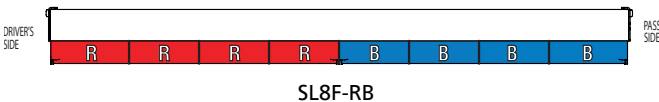
4-Head Configurations



6-Head Configurations



8-Head Configurations



Directional Warning Lights

Federal Signal

Effective January 22, 2024

Latitude™ SignalMaster™

- Available in 6-head and 8-head models
- Both interior and exterior mounting brackets are available; compatible with Federal Signal's SignalMaster brackets
- Each model includes left, right and center-out warning signals, and one warn pattern
- Includes Federal Signal economy SignalMaster controller
- SAE J845 Class 1, CCR Title 13 Class B
- Five-year warranty



Model	Description	List Price
6-Head, 24.2-inch model		
SL6S-A	(6) Amber light heads, A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable	\$649.00
8-Head, 31.6-inch models		
SL8S-A	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable	728.00
SL8S-A-50	(8) Amber light headss, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 50-ft cable	810.00
8-Head, 48-inch models		
SL8S-A48	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable	824.00
SL8S-A48-50	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 50-ft cable	878.00
Accessories and Kits		
320310	Kit, bracket, flush mount system	53.00
320320	Kit, bracket, double L-bracket	81.00
320330	Kit, bracket, system mount	74.00
320340	Kit, bracket, universal vehicle mount	162.00
320350	Kit, bracket, foot adaptor	47.00
SLB-001	Kit, Long L-bracket	65.00
SLB-002	Kit, Short L-bracket	65.00
SLB-FRD15ND	Kit, 8-head bracket for CN SignalMaster or Latitude, no drill, Ford F-150 2015-2023 and Super Duty 2017-2022	65.00

Latitude Brackets and Shrouds



320310



320320



320330



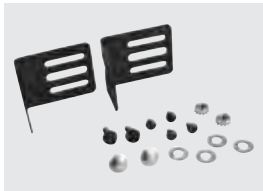
320340



320350



SLB-001



SLB-002



SLB-FRD15ND

CN SignalMaster™



- LED warning light with SignalMaster directional and area lighting capability
- 4-head and 8-head models are available
- Optional serial interface module for use in traditionally-wired applications
- Front models utilize wide-angle reflectors
- Rear models utilize narrow-angle reflectors
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Red or White
- Five-year warranty



Model	Description	List Price
4-Head Front Model, without interface module, 15.7-inch length		
CNSMJ4F-P3C	(4) Red/Blue/White light heads	\$909.00
8-Head Rear Models, without interface module, 31.2-inch length		
CNSMJ8R-P1C	(4) Red/Amber light heads, (4) Blue/Amber light heads	1,430.00
CNSMJ8R-P2C	(8) Blue/Amber light heads	1,430.00
CNSMJ8R-P3C	(8) Red/Blue/Amber light heads	1,630.00
CNSMJ8R-F1C	(8) Red/Amber light heads	1,430.00
Split 8-Head Rear Model, without interface module, 15.7-inch length per side		
CNSMJ2X4R-P3C	(8) Red/Blue/Amber light heads	1,630.00
Accessories and Kits		
CNSM-RBK1	Mount kit for installing CN SignalMaster in Ford Police Utility, 2013-2024, internal use only	62.00
CNSM-TAH21	Kit to mount CNSM4 models to grille of Chevrolet Tahoe 2021-2024	62.00
CNSM-UM	Multi-vehicle mount for installing CN SignalMaster, internal/external use	62.00
SLB-001	Kit, Long L-bracket	65.00
SLB-002	Kit, Short L-bracket	65.00
SLB-FRD15ND	8-head bracket for CN SignalMaster or Latitude™, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022	65.00
SLB-SIL19ND	8-head bracket for CN SignalMaster or Latitude, no drill, Chevrolet Silverado 2019-2023	65.00
Common Replacement Part		
Z858303641A	Interface module with cable assembly, FSJoin	265.00
How to Order		
• Choose one of the popular models above, customize your own with our online configurator, or contact a local Federal Signal representative or distributor		

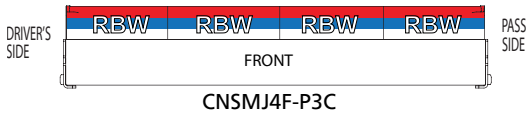
Directional Warning Lights

Federal Signal

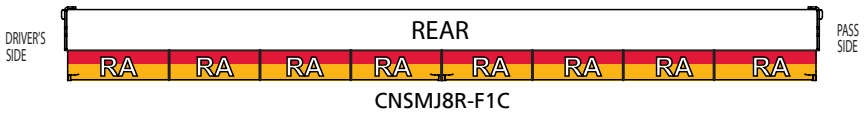
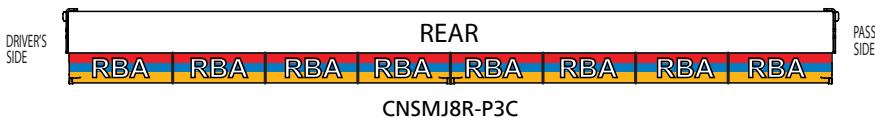
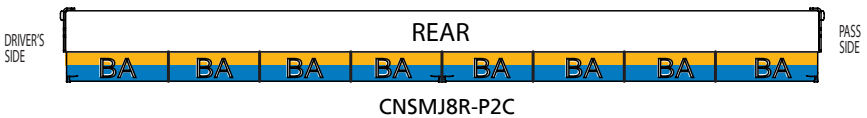
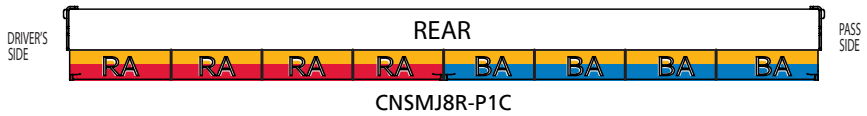
Effective January 22, 2024

CN SignalMaster™ — Continued

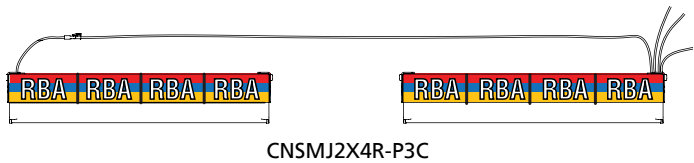
4-Head — Front of Vehicle



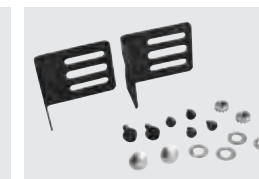
8-Head — Rear of Vehicle



Split 8-Head — Rear of Vehicle



CN SignalMaster™ Brackets and Shrouds

				
CNSM-RBK1\$62.00	CNSM-UM\$62.00	Z858303641A\$265.00	Z1751531A\$69.00	320310\$53.00
Mount kit for installing CN SignalMaster in Ford Police Utility, 2013-2024, internal use only	Universal mount for installing CN SignalMaster, internal/external use	Replacement serial interface module with cable assembly, FSJoin	Splitter for network cables	Kit, bracket, flush mount system
				
320330\$74.00	320340\$162.00	320350\$47.00	SLB-001\$65.00	SLB-002\$65.00
Kit, bracket, system mount	Kit, bracket, universal vehicle mount	Kit, bracket, foot adaptor	Kit, Long L-bracket	Kit, Short L-bracket
				
SLB-FRD15ND\$65.00	SLB-SIL19ND\$65.00			
8-head bracket for CN SignalMaster or Latitude™, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022	8-head bracket for CN SignalMaster or Latitude, no drill, Chevrolet Silverado 2019-2023			

Directional Warning Lights

Federal Signal

Effective January 22, 2024

MicroPulse® SignalMaster™

- LED directional warning light
- 4-head, 6-head, and 8-head models available in various lengths
- Utilizes MicroPulse Ultra 12 light heads
- Easy serviceability
- Fully-encapsulated, water resistant modules ideal for external mounting
- Available directional patterns include: left, right, and flashing warning
- Compatible with Federal Signal's SignalMaster™ controllers
- Extrusion designed to block sunlight, increasing the warning effectiveness
- Five-year warranty



MPSUSM51-BRK-30



MPSUSM42-A-30

Model	Description	List Price
MPSUSM23-A-30	23-inch, (4) Amber light heads, 30-ft cable	\$937.00
MPSUSM30-BRK-50	30-inch, (4) Amber light heads and (1) Red brake light (center), 50-ft cable	1,500.00
MPSUSM32-A-30	32-inch, (6) Amber light heads, 30-ft cable	1,278.00
MPSUSM32-A-60	32-inch, (6) Amber light heads, 60-ft cable	1,313.00
MPSUSM36-BRK-50	36-inch, (6) Amber light heads and (1) Red brake light (center), 50-ft cable	1,750.00
MPSUSM42-A-30	42-inch, (6) Amber light heads, 30-ft cable	1,750.00
MPSUSM42-BRK-30	42-inch, (6) Amber light heads and (1) Red brake light (center), 30-ft cable	1,937.00
MPSUSM42-A-60	42-inch, (6) Amber light heads, 60-ft cable	1,784.00
MPSUSM42-8A-30	42-inch, (8) Amber light heads, 30-ft cable	1,784.00
MPSUSM42-8A-60	42-inch, (8) Amber light heads, 60-ft cable	1,818.00
MPSUSM44-A-30	44-inch, (8) Amber light heads, 30-ft cable	1,784.00
MPSUSM44-A-60	44-inch, (8) Amber light heads, 60-ft cable	1,818.00
MPSUSM51-BRK-30	51-inch, (8) Amber light heads and (1) Red brake light (center), 30-ft cable	2,063.00
MPSUSM51-A-30	51-inch, (8) Amber light heads, 30-ft cable	1,875.00
MPSUSM51-A-60	51-inch, (8) Amber light heads, 60-ft cable	1,908.00
MPSUSM65-A-60	65-inch, (8) Amber light heads, 60-ft cable	2,000.00
Controller Options		
330104-SB	(6) or (8) lamp, 12 V or 24 V (multiple installer-selectable flash patterns, fuse protected)	404.00
331105-SB	Heavy Duty (6) or (8) lamp, 12 V or 24 V (slide switch, multiple installer-selectable flash patterns, heavy duty ground, fuse protected, controls two SignalMasters simultaneously)	469.00
Common Replacement Parts		
ZMPS121UX-A-SM	Replacement light head, Amber	247.00
ZMPS121UX-R-SM	Replacement light head, Red	247.00

Interior Warning Light Feature Comparison

	SpectraLux® ILS Low-Profile	XStream®
Solaris® LED Reflector Technology	•	•
SpectraLux® MultiColor LED Technology	•	•
ROC (Reliable OnBoard Circuitry™)	•	
FS Convergence Network	•	
FSLink®		•
FSJoin™	•	•
Multicolor	•	•
Number of LEDs*	6, 12 or 18 per head	18 per head, 6 of each color
LED Takedown	•	
Flood Lighting	•	•
Sync Flashing Capability	•	•
Discrete wired option	•	•
Warranty (years)	5	5

* Number of LEDs determined by color combination

Interior Mount Warning Lights

Federal Signal

Effective January 22, 2024

SpectraLux® ILS Low-Profile

- Slim internal lighting system reduces windshield obstruction and improves police officer visibility
- Center Focused models utilize all forward-facing Solaris reflectors that concentrate all the light output to the front of the vehicle
- Split and Passenger side models available for Front Headliner
- Single-, dual-, or tri-color light heads (6, 12, or 18-LEDs per light head)
- SpectraLux multicolor technology provides “all-white” flood lighting in front headliner models, as well as “Amber-override” directional lighting in rear deck models
- Vehicle-specific shrouds to prevent flashback
- Discrete models or optional serial interface module available for use in traditionally-wired applications
- LEDs available in Amber, Blue, Green, Red and White
- Five-year warranty



Center-Focused Board

Online light bar CONFIGURATOR

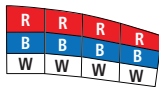
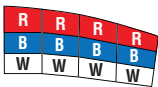
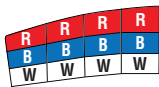
SpectraLux

Solaris

ROC

Convergence Network

FSJoin



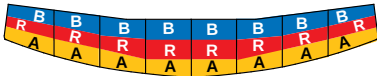
SIFMJ Split-front Models		
Vehicle	Year	Model
Ford Escape	2020-2023	SIFMJS-ESC20-P3
Ford Expedition*	2018-2023	SIFMJS-EXPD18-P3
Ford Mustang Mach-E	2021-2024	SIFMJS-MME21-P3
Ford Mustang	2019-2023	SIFMJS-MUST19-P3
Ford Police Interceptor Utility*	2020-2024	SIFMJS-FPIU20-P3**
Ford F-150*	2015-2023	SIFMJS-FD15-P3**
Ford Lightning*	2022-2023	SIFMJS-FD15-P3**
Chevrolet Camaro	2016-2023	SIFMJS-CAM16-P3
Chevrolet Express	2018-2024	SIFMJS-EXPR18-P3
Chevrolet Malibu	2017-2023	SIFMJS-MAL16-P3
Chevrolet Silverado 1500*	2019-2023	SIFMJS-SIL19-P3
Chevrolet Tahoe*	2021-2024	SIFMJS-TAH21-P3**
Toyota Camry	2020-2023	SIFMJS-CMRY22-P3
Dodge Charger*	2016-2024	SIFMJS-CHGR16-P3**
Dodge Durango*	2016-2023	SIFMJS-DUR16-P3*
Multi-Vehicle*	—	SIFMJS-UNIV-P3
List Price		\$1,875.00

SIFMJ Front Passenger Models		
Vehicle	Year	Model
Ford Escape	2020-2023	SIFMJP-ESC20-P3
Ford Mustang Mach-E	2021-2024	SIFMJP-MME21-P3
Chevrolet Camaro	2016-2023	SIFMJP-CAM16-P3
Chevrolet Express	2018-2024	SIFMJP-EXPR18-P3
Toyota Camry	2020-2023	SIFMJP-CMRY22-P3
List Price		\$1,050.00

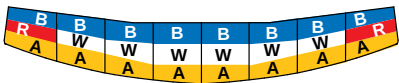
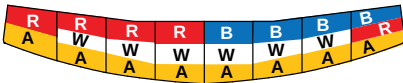
Notes

- *Visit our online configurator to configure your custom SpectraLux ILS Low-Profile SIFMJ for popular vehicles.
- ** Models can be ordered from stock.
- All models are Convergence Network compatible and feature FSJoin technology

SpectraLux® ILS Low-Profile—Continued



SIFMJ Rear Hatch/Rear Deck/Rear Window Models			
Vehicle	Year	Model	
Ford Mustang Mach-E	2021-2024	SIFMJH-MME21-P3	
Ford Mustang	2019-2023	SIFMJR-MUST19-P3	
Ford Police Interceptor Utility*	2020-2024	SIFMJH-FPIU20-P3**	
Chevrolet Camaro	2016-2023	SIFMJR-CAM16-P3	
Chevrolet Tahoe*	2021-2024	SIFMJH-TAH21-P3**	
Dodge Charger*	2016-2024	SIFMJR-CHGR17-P3**	
Dodge Durango*	2016-2023	SIFMJH-DUR18-P3**	
List Price		\$1,875.00	



OBD Integrated SIFMJ Rear Deck/Rear Hatch/Rear Window Models				
Vehicle	Year	Model		Model
Ford Police Interceptor Utility*	2020-2024	SIFMJH-FPIU20-PF1**		SIFMJH-FPIU20-PF2**
Chevrolet Tahoe*	2021-2024	SIFMJH-TAH21-PF1**		SIFMJH-TAH21-PF2**
Dodge Charger*	2017-2024	SIFMJR-CHGR17-PF1**		SIFMJR-CHGR17-PF2**
Dodge Durango*	2018-2023	SIFMJH-DUR18-PF1**		SIFMJH-DUR18-PF2**
List Price		\$1,875.00		\$1,875.00

Notes

- * Visit our online configurator to configure your custom SpectraLux ILS Low-Profile SIFMJ for popular vehicles.
- ** Models can be ordered from stock.
- OBD integrated Rear Hatch/Rear Deck/Rear Window configurations are specifically intended to work with the Pathfinder® siren and OBDCABLE, sold separately.
- All models are Convergence Network compatible and feature FSJoin™ technology

Interior Mount Warning Lights

Federal Signal

Effective January 22, 2024

XStream®

- Low-profile design
- Operates as a single-, dual-, or tri-color light head
- Each light head includes three colors with (6) LEDs of each color (18 LEDs total)
- Available in single-head or dual-head models
- Black polycarbonate housing
- Each model features two recessed buttons, one to change the flash pattern and other for color mode
- (25) Flash patterns including random and steady; (10) color modes
- Versatile mounting brackets and three different length snap-on flash guards included
- Five-year warranty



Model	Description	List Price
Single-head with wire leads		
XSM1-BRA-US	Blue/Red/Amber	\$199.00
XSM1-BRW-US	Blue/Red/White	199.00
XSM1-BWA-US	Blue/White/Amber	199.00
XSM1-RWA-US	Red/White/Amber	199.00
XSM1-WAG-US	White/Amber/Green	199.00
Dual-head with wire leads		
XSM2-BRA-US	Blue/Red/Amber-Blue/Red/Amber	507.00
XSM2-BRW-US	Blue/Red/White-Blue/Red/White	507.00
XSM2-BWA-US	Blue/White/Amber-Blue/White/Amber	507.00
XSM2-RWA-US	Red/White/Amber-Red/White/Amber	507.00
XSM2-WAG-US	White/Amber/Green-White/Amber/Green	507.00
Accessories and Kits		
XSMBKT01	Slip-on visor mount kit for use with single- or dual-head models	34.00
XSMBKT02	Adjustable, swivel mount for single- or dual-head models	53.00
XSMBKT03	Universal headliner mount bracket for single- or dual-head models	24.00
XSMBKT07	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Dodge Charger, 2011-2024	99.00
XSMBKT10	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Ford F-150, 2015-2022, Ford F-250/350/450/550 Super Duty, 2017-2022, Ford Expedition, 2018-2024, Ford Lightning, 2022-2023	99.00
XSMBKT11	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Ford Police Interceptor Utility, 2020-2024	99.00
XSMBKT12	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Dodge Durango, 2011-2023	99.00
XSMBKT13	Driver and passenger rear window mount kit for use with (1) single- or dual-head XStream, Ford Ranger, 2019-2020	99.00
XSMBKT14	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Chevrolet Tahoe, 2021-2024	99.00
Z205003	Rubber extrusion	14.00



XSM2-BRW-US shown mounted in a vehicle



Each model includes light head, (2) suction cups, bail and pivot brackets, mounting hardware and three different length snap-on flash guards.

LED Beacon Feature Comparison

	SLR Beacon	IVP SLR Beacon Rotating Models	Pro LED Beacon
SLR (Solaris® LED Rotator)	•	•	
Solaris® LED Reflector Technology	•	•	•
Rotating Function	•	•	
FSLink®			•
RPM	75/90/120	75/90/120	
Flash Patterns	3	3	25
LED Count	12	12	36,72
NFPA	•	•	•
Available LED Colors	A,R	A,B,R	A,B,G,R,W
Available Dome Colors	A,C,R	A,B,C,R	A,B,C,G,R
Warranty (years)	5	5	5

Effective January 22, 2024

Pro LED Beacon

- Single- and dual-color versions available
- Multi-voltage, 12/24 Vdc
- Built-in permanent/1" pipe mount aluminum die-cast base
- Five-year warranty



300TMPC-R



Model	Description	List Price
Permanent/1-inch Pipe mount, Single-Color, tall dome		
300TMP-A-SB	Amber LEDs, Amber dome	\$390.00
300TMP-B-SB	Blue LEDs, Blue dome	390.00
300TMP-G-SB	Green LEDs, Green dome	390.00
300TMP-R-SB	Red LEDs, Red dome	390.00
300TMPC-A-SB	Amber LEDs, Clear dome	390.00
300TMPC-B-SB	Blue LEDs, Clear dome	390.00
300TMPC-G-SB	Green LEDs, Clear dome	390.00
300TMPC-R-SB	Red LEDs, Clear dome	390.00
Permanent/1-inch Pipe mount, Dual-Color, tall dome		
320TMP-AB-SB	Amber/Blue LEDs, Clear dome	494.00
320TMP-AG-SB	Amber/Green LEDs, Clear dome	494.00
320TMP-AW-SB	Amber/White LEDs, Clear dome	494.00
Accessory		
300B-TALL	Branch guard, tall dome	107.00



300B-TALL

SLR Beacon

- Rotating LED beacon with (12) high-powered LEDs
- 75/90/120 RPM
- Domes available in Amber, Clear or Red
- Five-year warranty



262650-02



Model	Description	List Price
Permanent/Pipe mount		
262650-02	Amber LEDs, Amber dome, Class 1	\$659.00
262650-04	Red LEDs, Red dome, Class 1	659.00
262650-05	White LEDs, Clear dome	659.00
262650-25	Amber LEDs, Clear dome	659.00
Note		
• Visit www.fedsig.com to view SLR Beacon flash patterns		

IVP SLR

- Modern dome design complements the appearance of the Vision® SLR family of light bars
- Solaris® LED rotator for a true 360-degree sweeping coverage
- NFPA compliant models available
- Domes are available in Blue, Clear, or Red
- Five-year warranty



VSLR1-R1A02



Model	Description	List Price
Rotating Models		
VSLR1-R1	Red LEDs, Red dome	\$863.00
VSLR1-R2	Red LEDs, Clear dome	863.00
VSLR1-R1A02	Red LEDs, Red dome, Amber IPX6	1,101.00
VSLR1-R2A02	Red LEDs, Clear dome, Amber IPX6	1,101.00
VSLR1-R1B12	Red LEDs, Red dome, Blue IPX6	1,101.00
VSLR1-B1	Blue LEDs, Blue dome	863.00
VSLR1-B1A02	Blue LEDs, Blue dome, Amber IPX6	1,101.00
VSLR1-B2	Blue LEDs, Clear dome	863.00

Back-up Alarms

Federal Signal

Effective January 22, 2024

Evacuator® Back-up Alarms

- Backup alarms have a wide range of decibel and voltage options
- Solid-state design protects and resists the effects of vibration
- Sealed unit protects internal components from moisture and contaminants
- 12/48 Vdc
- Three-year warranty



Model	Description	List Price
Evacuator Plus, Dual Functions, 12/48 Vdc		
210330SSG	87 dB	\$155.00
210331SSG	97 dB	155.00
210333SSG	107 dB	155.00
210335SSG	112 dB	155.00

Commander® 3" Compartment Lights

- Standard 3" round surface mount compartment lights with an aluminum base
- Surface mount alleviates the need to do full body cutouts
- Low-profile design allows for versatile mounting options
- All models include bolt or adhesive mount for added flexibility in mounting
- Dual-color compartment lights allow for separate control of colors
- Red LED compartment lights are ideal for improved nighttime vision in compartments
- Chrome flange and rubber grommet available
- Five-year warranty



Model	Description	List Price
3-inch Round, Single-Color, Compartment Light, Surface Mount		
COM3SWC	(6) LEDs, light head, White LEDs, Clear lens	\$85.00
3-inch Round, Dual-Color, Compartment Light, Surface Mount		
COM3SRWC	(6) LEDs, light head; (3) LEDs Red, (3) LEDs White	95.00
Accessories and Kits		
COM3FLANGEC	3-inch round chrome flange for COM3 lights	16.00
COM3GROMMET	Kit, Grommet for COM3 lights	14.00

Commander® 5" LED Interior Light

- Low-profile surface mount rectangular dome/compartment light—less than 3/4" thick
- Durable polycarbonate Clear lens
- 12 Vdc
- 540 raw lumen output, 380 effective lumen output
- Five-year warranty



Model	Description	List Price
COMINT5-W	(9) LEDs, 380 lumens, surface mount, White, Clear lens	\$44.00

Compartment Lighting

Federal Signal

Effective January 22, 2024

Commander® 8" LED Interior Light

- Direct replacement for 8" halogen or incandescent lamps utilizing standard industry hole patterns and cutout dimensions. LED models eliminate the high cost of lamp replacement associated with halogen or incandescent lamps
- Hi-Lo intensity inputs
- Input Voltage: 12 Vdc
- Low amperage consumption (1.72 High/.213 Low)
- Certified to meet KKK-1822F requirements when properly installed
- Five-year warranty



Model	Description	List Price
COM8PTC	(18) LEDs, White, diffusing lens, Chrome housing	\$85.00

Commander® Series Flex Lights

- Exterior/Interior mounted flexible strip lighting
- 1/2" wide
- 3M® automotive acrylic foam tape on back for easy installation; mounting clips and screws included
- Three-year warranty



Model	Description	List Price
COMFLEX-9	9-inch, flexible compartment strip light, White LED	\$30.00
COMFLEX-18	18-inch, flexible compartment strip light, White LED	43.00
COMFLEX-27	27-inch, flexible compartment strip light, White LED	58.00
COMFLEX-36	36-inch, flexible compartment strip light, White LED	77.00
COMFLEX-45	45-inch, flexible compartment strip light, White LED	97.00
COMFLEX-54	54-inch, flexible compartment strip light, White LED	114.00
COMFLEX-63	63-inch, flexible compartment strip light, White LED	151.00

Switch Controls

- Switching of up to (7) auxiliary functions
- 20 A fuses and 20 A switches are standard
- Standard, high current slide switch and non-slide switch models available
- Backlit or LED function identification
- Easy installation
- Three-year warranty



Model	Description	List Price
"SW" Switch Control Panel Models		
SW1	One rocker switch	\$31.00
SW2	Two rocker switches	59.00
670132	Three rocker switches	71.00
SW30	SW30 Series, (3) 20 A toggle switches on L-bracket housing	59.00
SW200-B	4-switch box with bail bracket	186.00
SW300-B	6-switch box with bail bracket	209.00
SW400SS-B	4-switch with slide switch box and bail bracket	235.00
Toggle Switch Model		
210633SSG	Toggle switch, Chrome on metal	25.00
Accessory		
210624SSG	Single-hole switch panel for use with 1/2-inch diameter toggle switch	14.00

Opticom®

- Infrared LED and strobe traffic pre-emption emitters
- Internal-mount and external-mount emitter available
- Some models available with mounting brackets for attachment to FS light bars
- Five-year warranty



Model	Description	List Price
Opticom emitters with light bar mounting brackets		
795H-EXTB-D	GTT 795H emitter/bracket for attaching to driver-side of Valor®, Integrity®, Vision® SLR, Legend®, Navigator®, Allegiant®, Reliant™ and Split Vision® SLR light bars	\$2,702.00
795H-EXTB-P	GTT 795H emitter/bracket for attaching to passenger-side of Valor, Integrity, Vision SLR, Legend Navigator, Allegiant, Reliant and Split Vision SLR light bars	2,702.00
Opticom emitters		
794-AH	794 infrared LED emitter, suitable for external use	2,685.00
3M792H	792 strobe emitter, suitable for external use	3,099.00

Notes

- Opticom emitters must be mounted behind clear domes
- 795H-EXTB-D/-P are not intended for use with the Low-Profile mounting foot option

Accessories

Federal Signal

Effective January 22, 2024

Intelli-Flash® Flashers

- Specifically designed for use with auxiliary LED lighting
- Designed to perform in a variety of applications
- Can be used to synchronize multiple light heads
- Three-year warranty



650302

Model	Description	List Price
Intelli-Flash Series flashers (auxiliary lighting flashers—do not use for headlight or taillight applications)		
650302	(16) 2.5 loads, (20) flash patterns, NFPA or Triple K zone control, high-side switching	\$815.00
FA3-SC	90 FPM, (2) 10 A loads, high-side switching	109.00

Headlight/Taillight Flashers

- Vehicle-specific flashers/ mounts for a variety of vehicles
- “Plug-and-Play” models allow for quick installation
- Multiple flash pattern options
- Three-year warranty

Model	Description	List Price
FHL-CHG	Flasher, Headlight, 2015-2024 Dodge Charger (halo only), 2015-2023 Dodge Durango (fog only)	\$142.00
FHL-HL	Flasher, Headlight, positive-side switched systems, 18-inch wire leads, (2) 10 A outputs, multiple flash patterns	124.00
FHL-TAIL	Flasher, Taillight, universal applications, 18-inch wire leads	134.00

Headlight/Taillight Flashers Vehicle Chart

Vehicle	Headlight	Taillight
Ford Expedition (Halogen headlights only), 2018-2023	FHL-CHG	FHL-TAIL
Chevrolet Tahoe, 2015-2020	FHL-HL	FHL-TAIL
Chevrolet Tahoe, 2021-2024	N/A	FHL-TAIL
Dodge Charger, 2015-2024	N/A	FHL-TAIL
Dodge Durango (Fog lights only), 2015-2023	FHL-CHG	FHL-TAIL
Ford Police Interceptor Utility, 2016-2019	FHL-HL	FHL-TAIL
Ford Police Interceptor Utility, 2020-2024	N/A	FHL-TAIL
Ford F-150 (Halogen only), 2015-2023	FHL-CHG	FHL-TAIL



FHL-CHG



FHL-HL



FHL-TAIL

MB1 LED Message Board

- Public safety messaging system incorporates LED message display board suitable for interior and exterior mounting, with internally mounted controller
- One controller to select from predetermined list of messages
- Programming software allows administrator to create customized messages
- Display board utilizes 672 Blue, Green or Amber LEDs
- Three-year warranty



Model	Description	List Price
MB1	Blue LED message display and controller, 12 Vdc	\$3,460.00
MB1-A	Amber LED message display and controller, 12 Vdc	3,460.00
MB1-G	Green LED message display and controller, 12 Vdc	3,460.00
MB1-BNRW	Blue LED message display and controller, narrow mounting applications, 12 Vdc	3,460.00
Accessories and Kits		
MBK01	Kit for mounting MB1 to rear interior of Ford Police Interceptor Utility, 2013-2024	14.00
MBK03H	Kit for mounting MB1 message board to rear of Valor® light bars, hook mount only	14.00
MBK04	Kit for mounting MB1 to rear of Integrity®, Legend®, LPX and Navigator® light bars	14.00
MBK05	Kit for mounting MB1 to rear of Vision® SLR light bar	14.00
MBK06	Kit for mounting MB1-BNRW to rear interior of Dodge Durango 2011-2023	14.00

Examples of pre-programmed messages

Examples of different font choices

(Messages can be customized for “steady-on”, scrolling, flashing, multiple lines, scroll direction, scroll speed and Bold/Normal font)



Accessories

Federal Signal

Effective January 22, 2024

Littlite®

- Flexible, "goose-neck" task lights that can be easily aimed exactly where you need it
- Available with on/off switch or rheostat "dimmer" control
- 12" and 18" lengths
- Includes a 24" wire length for installation
- Five-year warranty



Model	Description	List Price
LED Littlite Models		
<i>Neck extends from top of chassis, horizontal mount</i>		
LF12TSB-LED	12-inch, On/Off switch control, wired base	\$150.00
LF12TS-LED	12-inch, On/Off switch control	150.00
LF18TSB-LED	18-inch, On/Off switch control, wired base	150.00
LF18TSB-LED-BLUE	18-inch, On/Off switch control, wired base, Blue	150.00
LF18TS-LED	18-inch, On/Off switch control	150.00
<i>Neck extends from end of chassis, vertical mount</i>		
LF12ES-LED	12-inch, On/Off switch control	150.00
LF18ES-LED	18-inch, On/Off switch control	150.00
LF12ESB-LED	12-inch, On/Off switch control, wired base	150.00
LF18ER-LED-UV	18-inch, Rheostat control, UV/White/Red light modes	180.00

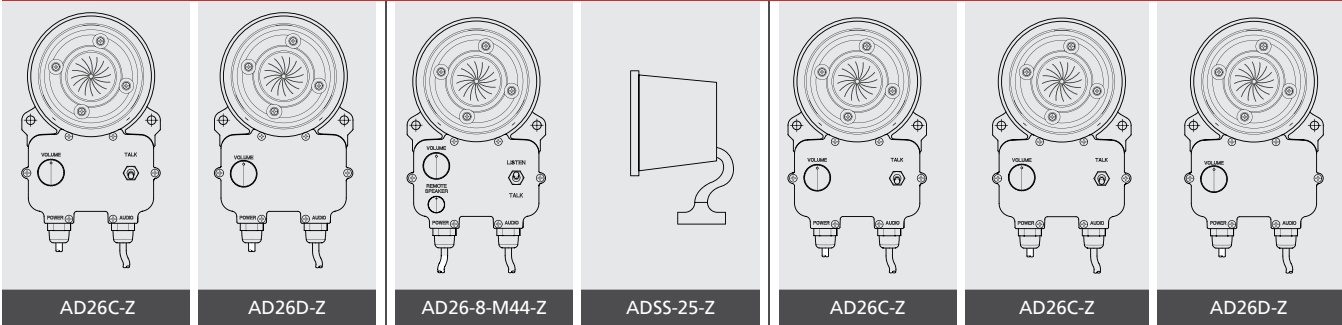
Atkinson Dynamics Intercoms

- Integrated filtering to reduce outside noise and interference
- Multi-volt; units operate at both 12/24 Vdc
- Reliable 2- or 3-way communication in any conditions
- Variety of options available to satisfy communications needs
- Simple to use and easy to install
- Designed and built to protect against the elements and withstand rough conditions
- Two-year warranty



Model	Description	List Price
Intercoms		
AD26-Z	Push to talk, 12/24 Vdc	\$1,264.00
AD26-8-M44-Z	Push to talk, pre-amplifier, remote volume, 12/24 Vdc, use with ADSS-25 or ADSF-25	1,536.00
AD26C-Z	Master intercom, push to talk, 12/24 Vdc, use with hands-free intercom	1,448.00
AD26C-1-Z	12/24 Vdc, master intercom, power audio in single cable	1,556.00
AD26C-7-Z	Master intercom, push to talk, microphone ready, 12/24 Vdc, use with hands-free intercom	1,658.00
AD26D-Z	Hands-free intercom, defaults to talk mode, 12/24 Vdc, use with master intercom	1,445.00
AD26D-1-Z	12/24 Vdc, auxiliary intercom, use with AD26C-1-Z	1,657.00
Speakers		
ADSF-25-Z	25 W, flush mount	642.00
ADSS-25-Z	25 W, swivel mount	642.00
ADSV-25-Z	25 W, wall mount with volume control	642.00

Basic Systems



Warranty

Federal Signal

Effective January 22, 2024

LIMITED WARRANTY TERMS AND CONDITIONS

Effective January 22, 2024

Federal Signal Corporation ("Federal Signal"), subject to the terms, conditions and exceptions contained herein, warrants each NEW product to be free from defects in material and workmanship, under normal and proper use, care, maintenance and required service only. Start of Warranty, Warranty periods and exceptions to the foregoing Limited Warranty are contained on the Schedule of Products included in this document and are subject to change at the sole discretion of Federal Signal.

SPECIFIC EXCLUSIONS AND EXCEPTIONS

This Limited Warranty does NOT apply nor is it extended to products that are not manufactured by Federal Signal. These products may be covered by a separate limited warranty provided by the particular manufacturer and all claims and questions regarding the same are to be directed to the particular manufacturer. Goods sourced by Seller from a third party for resale to Buyer shall carry only the warranty extended by the original manufacturer.

Domes, lenses, lamps and batteries installed on Federal Signal products are specifically excluded. Repair or replacement of any product(s) or part(s) under this warranty does NOT extend the term of this warranty, and such product(s) or part(s) shall remain covered by the unexpired portion of the warranty period or for ninety (90) days from the date of return to Federal Signal, whichever is later. This limited warranty applies ONLY to the initial or first installation of the product. This limited warranty shall not apply to products (1) that have been subjected to neglect, abuse, misuse, improper installation, inadequate maintenance, or damage due to improper use of cleaning or cleaning materials or chemicals, or non-compliance with Federal Signal's storage, installation, operation, maintenance or environmental requirements; (2) that have undergone any modification or repair not previously authorized by Federal Signal in writing, or service, repair or modification by or from any facility other than an authorized Federal Signal service center or technician, or that use non-authorized software or spare or replacement parts; or (3) that fail due to reasonable and normal use or wear and tear, or materials made, furnished or specified by the Buyer or end user.

During the specific warranty periods set forth below, Federal Signal will, at its sole option, repair or replace the product(s) or particular part(s) that are found to be defective in either material or workmanship or, in its sole discretion refund the purchase price for such product(s) or part(s), which are returned or delivered, transport or shipping prepaid by the Buyer or end user, to either Federal Signal or its designated and authorized warranty service center. This limited warranty does not cover travel expenses, the cost of specialized equipment for gaining access to the product(s) or part(s), or labor charges for removal and re-installation of the product.

No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties, to extend the term or duration of this warranty, or to assume any other liability on behalf of Federal Signal in connection with the sale, servicing or repair of any product manufactured by the Federal Signal.

Federal Signal reserves the right to make design changes and improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

The use in the product of any part other than parts approved by Federal Signal may invalidate this warranty. Federal Signal reserves the right to determine, in its sole discretion, if the use of non-approved parts invalidates this warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND REGARDLESS OF ANY FAILURE OF ESSENTIAL PURPOSE. ALL OTHER WARRANTIES OF WHATSOEVER KIND AND NATURE, WHETHER EXISTING IN CONTRACT OR AT LAW, ARE HEREBY AND FOREVER DISCLAIMED.

UNDER NO CIRCUMSTANCES WILL FEDERAL SIGNAL BE LIABLE OR RESPONSIBLE FOR SPECIAL, COMPENSATORY, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, LOST PROFITS, LOST SALES, OR LOSS OF USE OR LOSS OF BUSINESS OPPORTUNITY BY OR THROUGH THE USE OF THE PRODUCT. FEDERAL SIGNAL'S SOLE AND MAXIMUM LIABILITY WITH RESPECT TO THE PRODUCT, OTHER THAN ITS OBLIGATIONS SET FORTH ABOVE, SHALL BE THE TOTAL PURCHASE PRICE PAID FOR THE PRODUCT.

LIMITED WARRANTY—Schedule of Products

Effective January 22, 2024

	Warranty Period for Parts replacement from the date of manufacture stamped on the product	Warranty period for Factory Labor from the date of delivery to the first user-purchaser
STANDARD WARRANTY COVERAGE		
AUDIBLE		
Mounts, brackets, all other products not specifically listed below	3 years	3 years
Speakers	2 years	1 year
Pathway	5 years	5 years
Pathfinder	5 years	5 years
LED PRODUCTS		
All LED (Light Emitting Diode) products unless otherwise noted	5 years	5 years
LED rotating light assemblies from all light bars and beacons	5 years	5 years
MicroPulse LED lights (shipped prior to January 1, 2021)	3 years	3 years
MicroPulse LED lights (shipped on or after January 1, 2021)	5 years	5 years
416300 Series (shipped prior to January 1, 2021)	3 years	3 years
416300 Series (shipped on or after January 1, 2021)	5 years	5 years
MB1 LED Message Board	3 years	3 years
Commander Series Flex	3 years	3 years
4200S-A Perimeter Light	3 years	3 years
4200/8200S SignalMaster	3 years	3 years
SignalTech Lights	3 years	3 years
ICON Series	3 years	3 years
OTHER PRODUCTS		
Littlite Map lights	5-year warranty on LED components Limited lifetime warranty on mechanical components	5-year warranty on LED components Limited lifetime warranty on mechanical components
Reverse Camera Systems	3 years	3 years
Stinger Spike Systems	5 years	5 years
DFC Push Bumper Series	3 years	3 years
FSLink Programmer	1 year	1 year
Atkinson Dynamics Intercoms	2 years	1 year
Switch Boxes SW200, SW300, SW400SS	3 years	3 years
Note: Domes, lenses, lamps, and batteries are NOT covered under warranty.		



www.fedsig.com

2645 Federal Signal Drive
University Park, IL 60484
(708) 534-3400

Customer Support

(800) 264-3578
policefireorders@fedsig.com

Service Department

(800) 433-9132
empserviceinfo@fedsig.com

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SECTION 2: CATALOG DISCOUNT OFF LIST %		
Work Truck Price Book		
Vendor Name:	Federal Signal Corporation	
Contact Person Name (Customer Service):	Kim Horvat	
Street Address:	2645 Federal Signal Drive	
P.O. Box:		
City, State, Zip	University Park, IL 60484	
Phone #:	708-534-3400	
Toll Free #:	800-264-3578	
Email Address:	khorvat@federalsignal.com	
Website:	www.fedsig.com	
Spec. Number	Information Requested	Answer
2.1	Catalog Info	
2.1.1	Manufacturer:	Federal Signal Corporation
2.1.2	Pricelist/Catalog Date/Pricelist Catalog ID:	WORK TRUCK PRICE BOOK M4100-DATED JANUARY 22, 2024
2.2	Percentage Discount- Pricelist/Catalog Pricing	
2.2.1	Discount Off Pricing Listed in Catalog:	45% OFF LIST
2.3	Standard Material Warranty	
2.3.1	Warranty (hours, months, or years):	5 Year Warranty



LIGHTS & ACCESSORIES

PRICE BOOK | 2024



SAFETY SIGNALING SOLUTIONS

www.fedsig.com

THE DRIVING FORCE™

Federal Signal is The Driving Force™ behind the technology that provides safe and reliable emergency warning for first responders. It is our commitment to engineer the most reliable and high-performing products for your emergency vehicle.

EXCLUSIVE TO FEDERAL SIGNAL, THESE TECHNOLOGIES ARE IDENTIFIED BELOW.

FS CONVERGENCE NETWORK enables true “plug-and-play” installation and programming.



SPECTRALUX® multicolor LED technology provides the ability for a single light head to change color while in operation.



FSLINK® is an embedded software technology incorporating a shared set of flash patterns within Federal Signal's LED mini-lightbars, beacons, and warning lights. This shared set of flash patterns and a common color-coded 5-conductor cable allows the various products to be wired together, set in a common pattern, and then synchronized together to flash simultaneously or alternately.



ROC (RELIABLE ONBOARD CIRCUITRY™) technology eliminates approximately 85% of connection failure points found in a typical lightbar.



SLR (SOLARIS® LED ROTATOR) maximizes the LED light source for full light coverage. SLR rotators provide rotating, oscillating, flashing, and flood light functionality.



FSJOIN™ is a programming compatibility feature of Federal Signal's light bars, exterior/interior warning lights, sirens, and controllers. This technology provides users with a highly customizable visual/audible vehicle warning system.



SOLARIS® LED reflector technology maximizes optical efficiency and provides superior off-axis warning.



Ask your local Federal Signal Representative how you can experience the latest in lighting and siren systems.

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LIMITED WARRANTY TERMS AND CONDITIONS..... 64**General Notes**

1. All voltage is 12 Vdc unless marked otherwise.
2. A copy of the Federal Signal warranty and Terms and Conditions that accompany these products can be found at www.fedsig.com.
3. Base models of light bars and other configured products are not available without installed options.
4. For detailed information on how to order, consult the product data sheets or contact the factory at 800-824-0254.
5. When installing equipment inside airbag equipped vehicles, the installer must ensure that the equipment is installed only in areas recommended by the vehicle manufacturer.
6. Pricing subject to change without notice.

WHAT IS SAE CLASS 1 2 3?



SAE International is the global leader in the mobile industry. SAE is a professional association for engineering professionals in the area of aerospace, automotive and commercial vehicles.

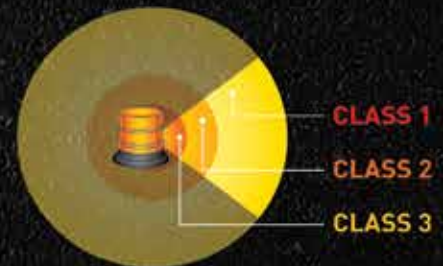
SAE developed guidelines, test procedures references, and performance requirements for flashing warning lamps for use on **authorized emergency, maintenance and service vehicles.**

SAE uses Candela to determine the classification of the light source.

SAE Class is determined using standard unit of measurement called Candela defined by the International Standard of Units. Candela [cd] is a measurement of luminous intensity and refers to the intensity of a single beam of light in a particular direction. Since automotive warning lights typically use concentrated beams of light to alert on-coming traffic of potential danger or hazard.

SAE relies on Candela to create class rankings. SAE J595 and SAE J845 are standards that refer to the functionality [purpose] of the light source on a vehicle. Within the SAE J845 and SAE J595 specification are Class 1-2-3 rankings which measure the light intensity at specific data points and candela intensity to determine the Class level of the warning device.

SAE CLASS WITH 3 LEVELS*



SAE J845



SAE J845 is for omnidirectional or 360-degrees of warning light.
Commonly used to clear traffic.

SAE J595



SAE J595 is for directional flashing optical warning lights.
Commonly used to direct traffic away from a work zone area.

While SAE J595 and SAE J845 are distinct in their function, the light intensity is measured the same.

*In addition to optical compliance, there are mechanical, environmental and color specifications that apply to all classes.

SAE WARNING LIGHT CLASSIFICATION



CLASS 1

Emergency Vehicles
Highest intensity



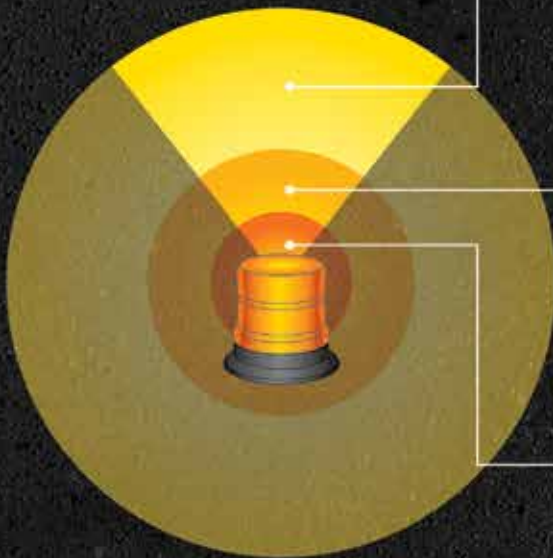
CLASS 2

Roadside Utility Vehicles
Medium intensity



CLASS 3

Indoor Vehicles
Lowest intensity



CLASS 1

- Calling the right-of-way. Warning light is used to gather the attention of motorists and pedestrians to warn of a potentially hazardous activity or emergency vehicle.
- 4 times more light intensity than SAE Class 2 lights and 10 times more intense than SAE Class 3 lights.

CLASS 2

- Commonly used to capture the attention of motorists and pedestrians and warn of traffic hazards such as a lane blockage or a slow-moving vehicle.
- Lights are approximately 2.5 times as bright as SAE Class 3 lights.

CLASS 3

- Best used to identify warn pedestrians and motorists of a specialized vehicle.
- Applications typically are applied to forklifts or service vehicles.



The requirements for warning light classification requirements vary based upon the jurisdiction and application. Consult your local jurisdiction to determine which classification of lights is recommended for your vehicle application.

Note: The color Green meets SAE J595 Class 3 and should not be used on its own for applications that require Class 1 or Class 2 performance.

WHAT IS IP69K?



IP69K is the highest standard on the Ingress Protection (IP) rating scale. This rating was designed for application in which products are regularly exposed to high-pressure and high-temperature wash-downs.

IP69K products help reduce product failures due to water/dust ingress to increase running-time of vehicles.

IP RATING SYSTEM



The IP (ingress protection) rating system is defined in IEC 605029. IP ratings are used to classify the resistance of solids or liquids on electrical devices. By defining a rating, the IP system ensures a specific level of protection when products face varying elements.

IP69K

INGRESS PROTECTION MARKING

SOLID PROTECTION



No ingress of dust permitted

WATER PROTECTION



Protection from close-range, powerful, high-temperature water jets.

Tested from an ISO standard and is for electrical equipment mounted on road vehicles

IP69K IS IDEAL FOR WORK TRUCK APPLICATIONS:



Department of Transportation



Construction



Utility



Tow Trucks



Landscape

WHY IS IP69K? IMPORTANT?

In addition to the harsh working conditions that your truck is put through everyday, washing it with a power washer or a car wash can also take a toll on your warning products.

Products rated to IP69K are designed to withstand high-pressure and steam cleaning.



OUR PRODUCTS ENDURED THE FOLLOWING TESTING:



IP6K

No ingress of dust; complete protection against contact (dust tight).



IP9K

Product to withstand high-pressure and steam cleaning. Sprayed with 80 °C water at 1160-1450 psi and a flow rate of 3.5 – 4.2 gpm.



	Allegiant® Serial	Reliant™	Navigator® Serial	Integrity®	Valor®	Allegiant® Discrete	Legend® LPX Discrete	Legend® LPXH Tow Discrete	Navigator® Discrete
Technology									
Solaris® LED	•	•	•	•	•	•	•	•	•
SpectraLux® Multicolor LED	•	•	•	•	•	•			•
SLR (Solaris LED Rotator)			•						•
ROC (Reliable Onboard Circuitry™)	•	•		•	•	•	•	•	
Convergence Network	•	•	•	•	•				
FSJoin™	•			•	•				
Features									
LED Colors	A B G R W	A B R W	A B G R W	A B C G R	A B C G R	A B G R W	A B G R W	A	A B G R W
Dual-Color Capability	•	•	•	•	•	•			•
Tri-Color Capability				•	•				
Flash Patterns	28	28	28	28	28	28	8	14	30
Dome Colors	A B B C G R	C	A B C R	C	C	A B B C G R	A B C R	G	A B C R
SignalMaster™ Capability	•	•	•	•	•	•*			•**
Low-Power (Dim)	•	•	•	•	•	•			•
Bed Light Option	•†					•†			
Online Configurator	•		•	•	•	•‡	•		•
Assembled in the US	•	•	•	•	•	•	•	•	•
Mounting Options									
4-inch Riser			•						•
Adjustable			•						•
Low-Profile Hook	•		•	•	•	•	•		•
Standard Hook	•	•	•	•	•	•	•		•
Permanent	•		•	•	•	•	•		•
Flat	•	•	•	•	•	•	•	•	•
Length									
44-inch				•	•				
45-inch	•		•			•	•		•
48-inch		•							
51-inch				•	•				
53-inch	•		•			•	•	•	•
60-inch			•						•
61-inch	•					•	•	•	
70-inch	•					•			
73-inch									•
80-inch						•			
87-inch									•
94-inch						•			
Compliance									
SAE J845 Class 1	A B R W	A B R W	A B R W	A B R W	A B R W	A B R W	A R	A	A B R W
SAE J595 Class 1	A B R W	A	A B R W	A B R W	A B R W	A B R W	A R	A	A B R W
CCR Title 13	A B R	A B R	A B R	A B R	A B R	A B R			A B R
IP Rating	IP65	IP65		IP65	IP65	IP65	IP65	IP65	
Warranty									
	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year

* Select 61-inch models

** 45-, 53-, 60-inch

† except 45-inch

‡ except 80- and 94-inch

Light Bars

Federal Signal

Effective January 22, 2024



Allegiant® Serial

- Low-profile, linear light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, work lights, S/T/T (except 45"), and bed light (except 45") are available
- Can be serviced without removal from the vehicle roof
- (28) flash patterns
- Built-in SignalMaster™ directional warning
- Independently controlled front and rear flash patterns
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty

Model	Description	List Price
45-inch Model — Six-button controller included		
ALGT45JZ-AMBR3H6C*	(14) Amber/White light heads, (4) Amber light heads, work lights, takedowns, alley lights, front and rear flood, SignalMaster, hook mount, Clear domes	\$3,322.00
53-inch Models — Six-button controller included		
ALGT53JZ-AMBR3F6C*	(18) Amber/White light heads, (4) Amber light heads, work lights, takedowns, alley lights, front and rear flood, SignalMaster, flat mount, Clear domes	3,587.00
ALGT53JZ-AMBR3H6C*	(18) Amber/White light heads, (4) Amber light heads, work lights, takedowns, alley lights, front and rear flood, SignalMaster, hook mount, Clear domes	3,587.00
61-inch Models — Six-button controller included		
ALGT61JZ-TOW2F6C*	(24) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes	3,630.00
ALGT61J-TOW5F6C	(24) Amber light heads, (10) White light heads, (4) work lights, (2) bed lights, (2) external power S/T/T lights, front flood, SignalMaster, flat mount, Clear domes	3,902.00
70-inch Model — Six-button controller included		
ALGT70J-AMBRSF6C	(28) Amber light heads, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes	3,949.00

- Notes
- Convergence Network Controllers & Accessories on page 13
 - Hook mount guide on page 19
 - Common replacement parts on page 20



ALGT45JZ-AMBR3H6C*



ALGT53JZ-AMBR3F6C*
ALGT53JZ-AMBR3H6C*

* Stock model

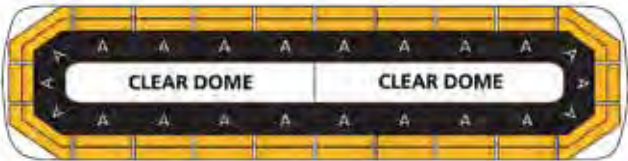
Reliant™



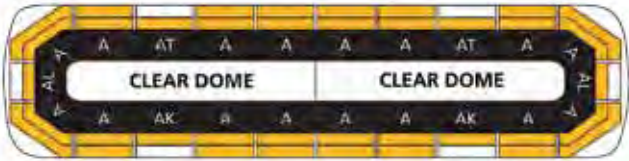
- Ultra low-profile linear light bar
- (28) flash patterns
- Built-in SignallMaster™ directional warning
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber), SAE J595 Class 2 (White), SAE J845 Class 1, CCR Title 13, IP65
- Five-year warranty



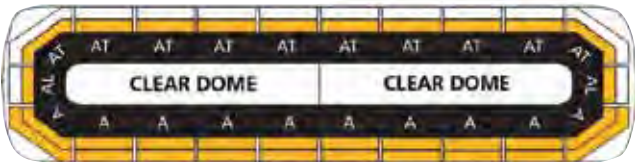
Model	Description	List Price
48-inch Models—Four-button controller included		
RLNT48Z-AMBR1F4*	(22) Amber light heads, SignalMaster, flat mount, Clear domes	\$2,183.00
RLNT48Z-AMBR1H4*	(22) Amber light heads, SignalMaster, hook mount, Clear domes	2,183.00
RLNT48Z-AMBR2F4*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, SignalMaster, flat mount, Clear domes	2,235.00
RLNT48Z-AMBR2H4*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, SignalMaster, hook mount, Clear domes	2,235.00
RLNT48Z-AMBR3H4*	(22) Amber light heads, (12) White light heads, front flood, alley lights, SignalMaster, hook mount, Clear domes	2,325.00
Notes		
• Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19 • Common replacement parts on page 21		



RLNT48Z-AMBR1F4*
RLNT48Z-AMBR1H4*



RLNT48Z-AMBR2F4*
RLNT48Z-AMBR2H4*



RLNT48Z-AMBR3H4*

* Stock model

Light Bars

Federal Signal

Effective January 22, 2024

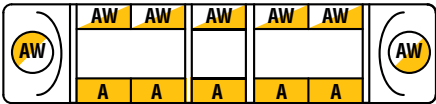


Navigator® Serial

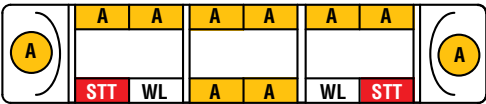
- High-profile linear light bar
- Front flood, takedowns, alley lights, work lights, and S/T/T are available
- (28) flash patterns
- Optional SignalMaster™ directional warning
- Optional LED Traffic Clearing Light (TCL)
- Black or Clear bulkheads
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description	List Price
45-inch Model — Six-button controller included		
NVG45Z-MUNI1HC6	(8) Amber light heads, (6) Amber/White light heads, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes	\$4,656.00
53-inch Model — Six-button controller included		
NVG53Z-MUNI1RHC6	(5) Amber light heads, (5) Amber/White light heads, (2) Amber/White rotators with mirror, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes	4,727.00
60-inch Model — Six-button controller included		
NVG60Z-TOW2FC6	(8) Amber light heads, (2) Amber rotators with mirror, (2) work lights, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes	4,982.00
Notes		
• Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19 • Common replacement parts on page 21		



NVG53Z-MUNI1RHC6



NVG60Z-TOW2FC6

Integrity®

- Unique low-profile linear light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, and work lights are available
- (28) flash patterns
- Built-in SignalMaster™ directional warning
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty



Online light bar CONFIGURATOR

SpectraLux.

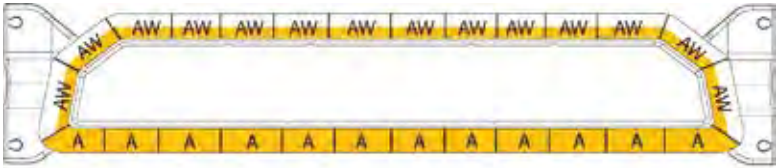
Solaris.

ROC.

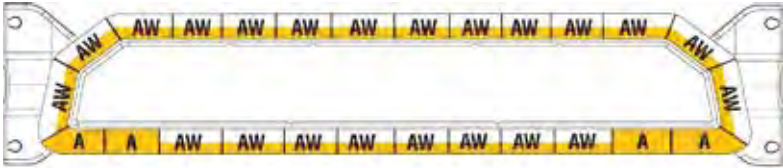
Convergence Network

FSJoin..

Model	Description	List Price
44-inch Models—Six-button controller included		
INTG44J-AMBR2	(12) Amber/White light heads, (10) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount	\$4,489.00
INTG44J-AMBR3	(20) Amber/White light heads, (2) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount	4,689.00
51-inch Models—Six-button controller included		
INTG51J-AMBR2	(14) Amber/White light heads, (12) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount	4,547.00
INTG51J-AMBR3	(22) Amber/White light heads, (4) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount	4,747.00
Notes		
• Convergence Network Controllers & Accessories on page 13		
• Hook mount guide on page 19		



INTG51J-AMBR2



INTG51J-AMBR3

Light Bars

Federal Signal

Effective January 22, 2024

Valor®



- Unique low-profile, non-linear "V-shape" light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, and work lights are available
- Integrated Vortex™ generators for increased fuel efficiency and reduced wind noise
- Can be serviced without removal from the vehicle roof
- (27) flash patterns
- Built-in SignalMaster™ directional warning
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty

Online light bar CONFIGURATOR

SpectralLux

Solaris

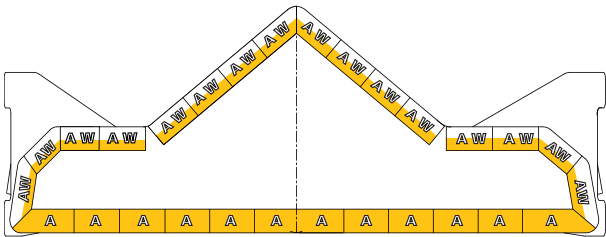
ROC

Convergence Network

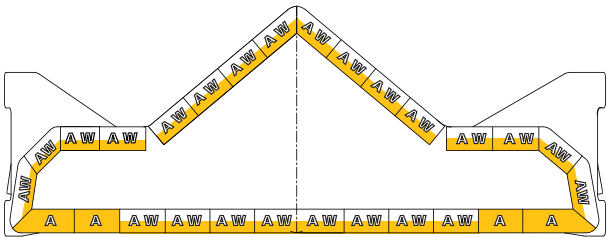
V-Shape lightbar

FSJoin

Model	Description	List Price
44-inch Models — Six-button controller included		
VALR44J-AMBR2	(14) Amber/White light heads, (10) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount	\$4,810.00
VALR44J-AMBR3	(22) Amber/White light heads, (2) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount	5,170.00
51-inch Models — Six-button controller included		
VALR51J-AMBR2	(16) Amber/White light heads, (12) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount	5,432.00
VALR51J-AMBR3	(24) Amber/White light heads, (4) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount	5,792.00
Notes		
• Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19		



VALR51J-AMBR2



VALR51J-AMBR3

Convergence Network Controllers & Accessories

CONTROLLERS

- Compact size for versatile mounting; swivel-mount included
- (4), (6), or (9) multi-colored illuminated push-buttons
- Pre-programmed keypad configurations compatible with Convergence Network products
- Variety of legend stickers included for button labeling
- Three-year warranty

RELAY MODULES

- (2), (4), or (24) channel relay modules available
- Use with Convergence Network Controllers for additional warning light control
- 605012 & EXPMOD24 are potted to protect the electronics from harsh conditions
- Up to (4) EXPMOD24 may be used in a system
- Three-year warranty



Model	Description	List Price
CNTRLR-4B	Four-button controller	\$325.00
CNTRLR-6B	Six-button controller with slide switch	425.00
CNTRLR-9B	Nine-button controller	425.00
605012*	Two-channel relay module, (2) 7.5 A outputs	252.00
660100SSG*	Four-channel relay module, (2) 10 A and (2) 15 A (not to exceed 40 A)	357.00
EXPMOD24	Twenty four-channel expansion module, (24) 2.5 A (not to exceed 30 A)	386.00
PFSYNC-1	On Scene Sync Module	355.00
Z858303641A	Serial interface module	265.00



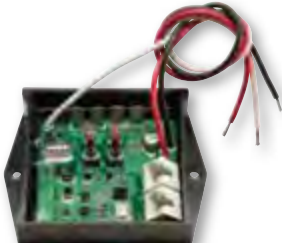
CNTRLR-4B



CNTRLR-6B



CNTRLR-9B



605012*



660100SSG*



EXPMOD24



PFSYNC-1



Z858303641A

* Stock model

Effective January 22, 2024



Allegiant® Discrete

- Low-profile linear light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, work lights, S/T/T (except 45"), and bed lights (except 45") are available
- (28) flash patterns
- Built-in SignalMaster™ directional warning (select models)
- Independently controlled front and rear flash patterns
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty



Model	Description	List Price
45-inch Model		
ALGT45D-AMBR1HC	(18) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, hook mount, Clear domes	\$2,817.00
53-inch Models		
ALGT53D-AMBR1FC*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, flat mount, Clear domes	3,042.00
ALGT53D-AMBR1HC*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, hook mount, Clear domes	3,042.00
ALGT53D-TOW1FC	(20) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, flat mount, Clear domes	3,022.00
61-inch Models		
ALGT61D-TOW2FC*	(24) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes	3,205.00
ALGT61DS-TOW2FCB*	(24) Amber light heads, (4) Blue light heads rear, (2) work lights, (2) bed lights, (2) external power S/T/T, flat mount, Clear domes	3,245.00
ALGT61DS-TOW2FCW*	(24) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, flat mount, Clear domes, weather tight connector	3,205.00
ALGT61DS-TOW2FCWB*	(24) Amber light heads, (4) Blue light heads rear, (2) work lights, (2) bed lights, (2) external power S/T/T, flat mount, Clear domes, weather tight connector	3,245.00
ALGT61D-TOW5FC*	(24) Amber light heads, (10) White light heads, (4) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, front flood, flat mount, Clear domes	3,325.00
70-inch Models		
ALGT70D-AMBRSF	(28) Amber light heads, (2) external power S/T/T lights, flat mount, Clear domes	3,524.00
ALGT70D-TOW2FC*	(28) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes	3,403.00
80-inch Models		
ALGT80D-AMBRBFC*	(34) Amber light heads, (4) bed lights, flat mount, Clear domes	3,623.00
ALGT80D-AMBRFC	(34) Amber light heads, (8) work lights, flat mount, Clear domes	3,663.00
ALGT80D-TOWFC*	(32) Amber light heads, (4) bed lights, (2) external power S/T/T lights, flat mount, Clear domes	3,623.00
94-inch Model		
ALGT94D-AMBRFC*	(42) Amber light heads, flat mount, Clear domes (FOB Origin, Freight Collect)	4,523.00

Notes

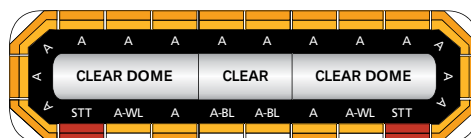
- Hook mount guide on page 19
- Common replacement parts on page 20

* Stock model

Allegiant® Discrete—Continued



ALGT53D-AMBR1FC*
ALGT53D-AMBR1HC*



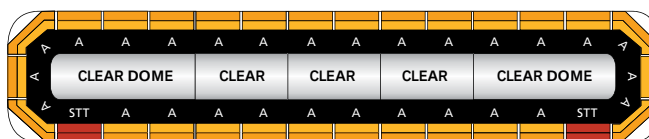
ALGT53D-TOW1FC



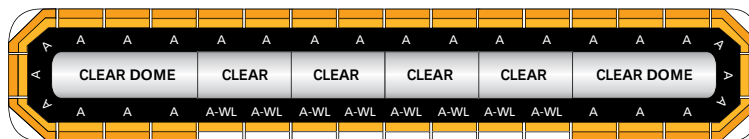
ALGT61D-TOW2FC*
ALGT61DS-TOW2FCW*



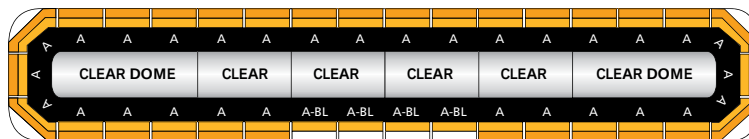
ALGT61D-TOW5FC*



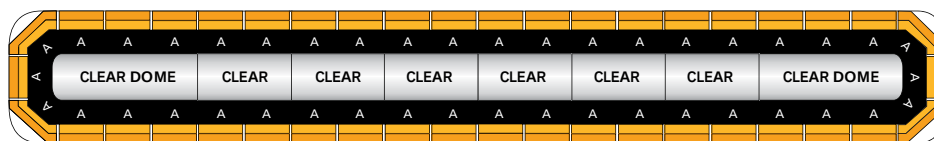
ALGT70D-AMBR5FC



ALGT80D-AMBRFC



ALGT80D-AMBRBFC*



ALGT94D-AMBRFC*

* Stock model

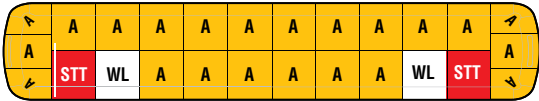
Effective January 22, 2024

Legend® LPX Discrete

- Low-profile linear light bar
- Takedowns, alley lights, and work lights are available
- (28) flash patterns
- Independently controlled front and rear flash patterns
- Compliance: SAE J595 Class 1 (Amber, Red), SAE J845 Class 1 (Amber, Red), IP65
- Five-year warranty



Model	Description	List Price
61-inch Models		
LPX61D-00017S*	(22) Amber light heads, (2) work lights, (2) external power S/T/T lights, flat mount, Clear domes	\$3,071.00
LPX61DS-00005S*	(22) Amber light heads, (2) work lights, (2) external power S/T/T lights, flat mount, Clear domes, weather tight connector	3,071.00
Notes		
• Hook mount guide on page 19 • Common replacement parts on pages 20 – 21		



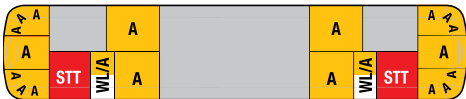
LPX61D-00017S* and LPX61DS-00005S*

Legend® LPXH Tow Discrete

- Low-profile, linear light bar
- (14) flash patterns
- Independently controlled front and rear flash patterns
- Compliance: SAE J845 Class 1, IP65
- Five-year warranty



Model	Description	List Price
53-inch Model		
LPX53H*	(10/12) Amber light heads, (2) external power S/T/T lights, (2) work lights, flat mount, Gray domes	\$2,362.00
61-inch Models		
LPX61H*	(10/12) Amber light heads, (2) external power S/T/T lights, (2) work lights, flat mount, Gray domes	2,435.00
LPX61H-C	(10/12) Amber light heads, (2) external power S/T/T lights, (2) work lights, flat mount, Clear domes	2,435.00
Notes		
• Hook mount guide on page 19 • Common replacement parts on pages 20 – 21		



LPX53H*



LPX61H*

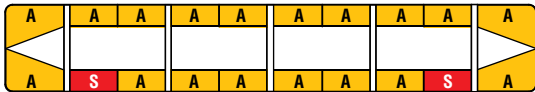
* Stock model

Navigator® Discrete

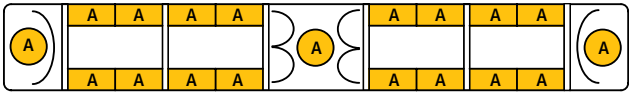
- High-profile, linear light bar
- Front flood, takedowns, alley lights, work lights, and S/T/T are available
- (30) flash patterns
- Optional SignalMaster™ directional warning in 45", 53", and 60" lengths
- Optional LED Traffic Clearing Light (TCL)
- Black or Clear bulkheads
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description	List Price
53-inch Models		
NVG53D-MUNI1HC	(9) Amber light heads, (7) Amber/White light heads, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes	\$4,687.00
NVG53D-MUNI1RHC	(5) Amber light heads, (5) Amber/White light heads, (2) Amber/White rotators with mirror, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes	4,377.00
60-inch Models		
NVG60D-TOW1FC	(14) Amber light heads, (2) work lights, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes	4,937.00
NVG60D-TOW2FC	(8) Amber light heads, (2) Amber rotators with mirror, (2) work lights, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes	4,557.00
73-inch Models		
NVG73D-AMBR1FC	(20) Amber light heads, flat mount, Clear bulkheads, Clear domes	5,411.00
NVG73D-TOW5FC*	(18) Amber light heads, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes	5,358.00
87-inch Model		
NVG87D-AMBR3RFC	(16) Amber light heads, (3) Amber rotators with mirror, flat mount, Clear bulkheads, Clear domes	5,854.00
Notes		
• Hook mount guide on page 19 • Common replacement parts on page 21		



NVG73D-TOW5FC*



NVG87D-AMBR3RFC

* Stock model

Effective January 22, 2024

Mounting Bar

- Mounts any warning light, directional light, or work light
- Sliding carriage bolt design for ease of installation when mounting any lighting device
- Available for permanent mount or hook-on mount applications, kits sold separately
- Three-year warranty



Model	Description	List Price
210960-46	46-inch, roof mount bar	\$200.00
210960-54*	54-inch, roof mount bar	220.00
210960-65	65-inch, roof mount bar	258.00
Accessories		
UNPK	Mounting kit, permanent	95.00
UNHK*	Mounting kit, hook mount feet (requires HKB hook kit)	95.00
HKB-(Model)	Hook required with hook mount feet	95.00
210962SSG	Kit, mounting bar endcap	39.00
210961SSG	Kit, mounting plate, beacon	80.00
454219*	Kit, mounting bracket, HighLighter® Elite	60.00
A21219	Kit, mounting bracket, 21" Allegiant	77.00
Note		
• Hook mount guide on page 19		

* Stock model

For the most up-to-date hook mount information, visit www.fedsig.com/hook-mount-reference-guide.

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Ford				
Bronco Sport	2021-23	HKB-BCS21	N/A	
Edge	2015-23	HKB-UNH4	51.8"	
Escape	2020-23	HKB-ESC20	45.0"	
Expedition (No Roof Rack) light bar lengths 51, 53-in	2018-24	HKB-EXD22	55.5"	
F-150 Responder light bar lengths 44, 45, 46, 48-in	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with standard height foot	2015-23	HKB-FRD15-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 light bar lengths 44, 45, 46, 48-in	2015-23	HKB-UNH6*	55.5"	All
F-150 light bar lengths 51, 53-in with standard height foot	2015-23	HKB-UNH5*	55.5"	All
F-150 light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-UNH6*	55.5"	All
F-250/350/450/550 All lightbar lengths	2017-23	HKB-UNH6*	55.5"	All
F-650/750 light bar lengths 51, 53, 60-in	2017-24	HKB-FHD7	58.5"	All
Fusion	2013-20	HKB-UNH1	46.5"	
Maverick	2022-24	HKB-MAV22	N/A	
Mustang Mach-E	2021-23	HKB-MME21	N/A	
Mustang	2012-24	Permanent Mount	46.0"	
Police Interceptor Utility/Explorer light bar lengths 44,45,46-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	Valor/Vision w/std foot
	2020-24	HKB-FPIU20-LONG-HP	52.8"	
Police Interceptor Utility/Explorer light bar lengths 48, 51, 53-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	
Ranger	2019-23	HKB-RNG19	48.0"	Super
Transit (Low Roof) 60" light bars only	2015-24	HKB-UNH4	N/A	
Transit (Raised Roof)	2015-24	Permanent Mount	N/A	
Transit Connect (Low Roof)	2013-22	HKB-TCON	54.0"	
E-Series Van	1987-24	HKB-SAV	65.0"	
Chevrolet/GM				
Camaro	2011-23	Permanent Mount	50.0"	
Colorado/Canyon	2015-23	HKB-COL15	47.3"	All
Express Van	2003-24	HKB-SAV	61.0"	
Impala (Civilian)	2014-20 (10 th Gen)	HKB-UNH1	49.5"	
Malibu	2012-23	HKB-UNH1	48.0"	
Silverado/Sierra (1500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH3*	52.0"	All
	2014-18	HKB-UNH4	55.8"	
Silverado PPV light bar lengths 44, 45, 46-in	2022-24	HKB-TAH21-44-HP	52.0"	All
Silverado/Sierra (1500) light bar lengths 51, 53-in	2019-24	HKB-UNH2*	52.0"	All
	2014-18	HKB-SIL17	55.8"	
Silverado PPV light bar lengths 51, 53-in	2022-24	HKB-TAH21-HP	52.0"	All
Silverado/Sierra (2500, 3500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH2*	55.0"	All
Silverado/Sierra (2500, 3500) light bar lengths 51, 53-in	2019-24	HKB-UNH3*	55.0"	All

* Stock model

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Tahoe/Suburban (No Roof Rails) light bar lengths 44, 45, 46, and 48-in				
	2021-24	HKB-TAH21-44-HP	55.0"	
	2015-20	HKB-UNH4	55.0"	
Tahoe/Suburban (No Roof Rails) light bar lengths 51, 53-in				
	2021-24	HKB-TAH21-HP	55.0"	
	2015-20	HKB-LPCHGR11-HP	55.0"	
Traverse (No Rack)				
	2018-23	HKB-TRAV22	53.0"	
Volt				
	2012-15	HKB-UNH1	47.0"	
Chrysler/Dodge/Jeep				
Challenger	2012-23	Permanent Mount	54.5"	
Charger	2011-23	HKB-LPCHGR11-HP	50.3"	
Durango (No Roof Rack)	2011-24	HKB-DUR11-HP	54.0"	
Grand Cherokee (No Roof Rack)	2011-20	HKB-DUR11-HP	54.0"	
RAM (1500, 2500, 3500)	2019-23 (5 th Gen)	HKB-RAM19*	55.0"	All
	2019-23 Classic/SSV	HKB-FRD9	57.5"	
	2010-18	HKB-FRD9	57.5"	
Wrangler	2012-24	Permanent Mount	N/A	
Toyota				
4-Runner	2022	HKB-DUR11	53.0"	
RAV4	2018-23	HKB-UNH1	N/A	
RAV4 (No Roof Rack)	2023	HKB-RAV23	43.0"	
Tacoma	2016-23	HKB-UNH1	N/A	
Nissan				
Leaf	2015-23	HKB-UNH1	N/A	
Frontier	2022-23	HKB-FNTR	53.0"	
	2013-21	HKB-MAG7	46.0"	
Rogue (No Roof Rails)	2021-23	HKB-ROG23	51.0"	
Titan	2016-24	HKB-TTN23	58.0"	
International				
Durastar/4300 cab	2002-18	HKB-FHD7	65.8"	

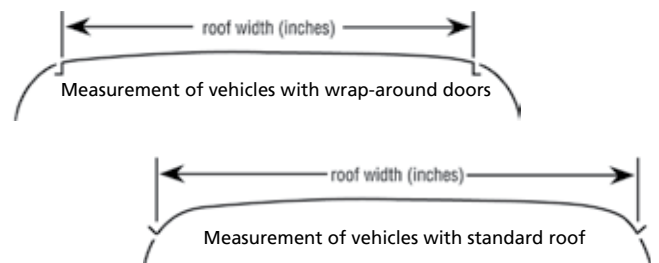
All Federal Signal light bars may be permanent or hook-on mounted. When using a hook-on mount, a separate hook kit is required for the make, model and year of your vehicle. Use the hook kit reference guide to find your vehicle's appropriate hook kit. Measurements for the roof width are determined by the style of the vehicle. These measurements may help you in choosing the light bar length best suited for your vehicle.

Transfer of Light Bars From One Vehicle to Another

From time to time, departments will remove a light bar from an older vehicle and reinstall it on a newer vehicle. Before performing this kind of transition, be sure to contact our Service Department to ensure that you not only have the proper hook kit, but that you also have the latest design light bar mount foot. Mounting foot designs continuously improve over time, and it is recommended that you utilize the most current mount foot design when reinstalling an older light bar on a newer vehicle.

Note

The hook kit reference guide is updated on an ongoing basis as information becomes available. Please check the hook kit reference guide online at www.fedsig.com/hook-mount-reference-guide for up-to-date vehicle and hook kit listings.



Light Bar Common Replacement Parts

Federal Signal

Effective January 22, 2024

Model	Description	List Price
Allegiant®		
Z865302441A	Base, 21-inch light bar; Clear	\$63.00
Z865301934C	Base, center, Clear; 53- through 80-inch light bar lengths	41.00
Z865301933C	Base, end, Clear; 45- through 80-inch light bar lengths	54.00
Z20000442A-AAAJE	Board, center (C1); 61-inch TOW2 stock light bars	199.00*
Z20000442A-AAJAF	Board, center (C2); 61-inch TOW2 stock light bars	199.00*
Z20000440A-AAAA^D	Board, driver-side, end; 61-inch TOW2 stock light bars	199.00*
Z20000441A-AA#A8D	Board, driver-side, intermediate; 61-inch TOW2 stock light bars	199.00*
Z20000440A-^AAAAP	Board, passenger-side, end; 61-inch TOW2 stock light bars	199.00*
Z20000441A-A#AA8Q	Board, passenger-side, intermediate; 61-inch TOW2 stock light bars	199.00*
Z1461861B-05	Cable, board-to-board, 5-inch; 45- through 94-inch light bar lengths	42.00
Z1461861B-12	Cable, board-to-board, 12-inch; 45- through 94-inch light bar lengths	42.00
Z1461861B-20	Cable, board-to-board, 20-inch; 61- and 70-inch light bar lengths	42.00
Z1751364C	Cable, interface, 36-inch	160.00
Z1751357A-02	Cable, RS485, 25-ft	53.00
Z20000358C-1234	Controller board, discrete	376.00
Z20000358C-234	Controller board, FSJoin™	256.00
Z865302445A	Dome, 21-inch light bar, Clear; -A(Amber); -GRY(Gray); -R(Red)	55.00
Z8653103C	Dome, center, Clear, 53- through 94-inch lengths; -01 (Black); -02 (Amber); -03 (Blue); -04 (Red)	61.00
Z8653103C-GRY	Dome, center Gray, 53- through 94-inch lengths	186.00
Z8653101C	Dome, end, Clear, 45- though 94-inch lengths	76.00
Z8653101C-GRY	Dome, end, Gray, 45- through 94-inch lengths	186.00
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base	49.00
Z77701290A	Hardware kit, dome (20 barrel nuts & O-rings)	61.00
Z865300732	Mount kit, 2-inch riser, hook, 45- through 61-inch light bar lengths	164.00
Z865302704A-2	Mount kit, 2.5-inch riser, flat, 45- through 61-inch light bar lengths (brackets only)	164.00
Z806501522-2	Mount kit, 4-inch riser, flat, FS logo cut-out, 21- through 61-inch light bar lengths	117.00
Z806501522-4	Mount kit, 4-inch riser, flat, FS logo cut-out, 70- through 94-inch light bar lengths	164.00
500435SSG	Mount kit, 4-inch riser, flat; for use up to 61-inch light bar length	158.00
Z8653178-2	Mount kit, flat, 21- though 61-inch and 94-inch light bar lengths	229.00
Z8653178-3	Mount kit, flat, 70-inch and 80-inch light bar lengths	288.00
Z8653134B	Mount kit, hook	329.00
Z865302573B	Mount kit, low-profile hook	279.00
Legend® LPX Discrete and Legend® LPXH Tow Discrete		
Z8653102A	Base, center, Clear; 45- through 61-inch light bar lengths	48.00
Z8653100A	Base, end, Clear; 45- through 61-inch light bar lengths	76.00
PCLP267D-AAAAS	Board, center; 61-inch LPXD stock light bar	199.00*
LP560DD-AAAAMS	Board, driver-side, end; 61-inch LPXD stock light bar	199.00*
PCLP266D-AAKAS	Board, driver-side, intermediate; 61-inch LPXD stock light bar	199.00*
Z865301309	Board, driver-side, LPXH	249.00*
LP560DP-MAAAAS	Board, passenger-side, end; 61-inch LPXD stock light bar	199.00*
PCLP266D-AAAKS	Board, passenger-side, intermediate; 61-inch LPXD stock light bar	199.00*
Z865301310	Board, passenger-side, LPXH	249.00*
Z17501858A-12	Cable, board-to-board, 12-inch; used in 45- though 61-inch light bar lengths	49.00
Z17501858A-32	Cable, board-to-board, 32-inch; used in 45- through 61-inch light bar lengths	53.00

* Special discount structure—contact Customer Support

Model	Description	List Price
Z17501858A-38	Cable, board-to-board, 38-inch; used in 53- through 61-inch light bar lengths	\$55.00
Z17501858A-48	Cable, board-to-board, 48-inch; used in 61-inch light bar lengths	59.00
Z8653103C	Dome, center, Clear; -01(Black); -02(Amber); -03(Blue); -04(Red); 45- through 61-inch light bar lengths	61.00
Z8653103C-GRY	Dome, center, Gray; 45- through 61-inch light bar lengths	186.00
Z8653101C	Dome, end, Clear; -01(Black); -02(Amber); -03(Blue); -04(Red); 45- through 61-inch light bar lengths	76.00
Z8653101C-GRY	Dome, end, Gray; 45- through 61-inch light bar lengths	186.00
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base	49.00
Z77701290A	Kit, dome hardware (20 barrel nuts & O-rings)	61.00
Z8653178-2	Mount kit, flat, 45-inch through 61-inch light bar lengths	229.00

Navigator®

Z806500526	Bulkhead, Black; -C(Clear)	56.00
Z1751357A-02	Cable, RS485, 25-ft	53.00
Z806500523A	Dome, end, Clear; -A(Amber), -B(Blue), -R(Red)	124.00
Z806500524A	Dome, middle, long, 13.75-inch, Clear; -A(Amber), -B(Blue), -R(Red)	124.00
Z806500525A	Dome, middle, short, 7.1-inch, Clear; -A(Amber), -B(Blue), -R(Red)	112.00
Z806500735	End cap, Clear; -A(Amber), -B(Blue), -R(Red)	112.00
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base	49.00
Z806501522-2	Mount kit, 4-inch riser, flat, FS logo cut-out, 21- through 61-inch light bar lengths	117.00
Z806501522-4	Mount kit, 4-inch riser, flat, FS logo cut-out, 70-inch and 80-inch light bar lengths	164.00
Z8653178-2	Mount kit, flat, 25- through 60-inch light bar lengths	229.00
Z8653178-3	Mount kit, flat, 73- through 87-inch light bar lengths	288.00
Z8653178-1	Mount kit, flat, 10- and 18-inch light bar lengths	186.00
Z8653134B	Mount kit, hook	329.00
Z8653134B-01	Mount kit, permanent	329.00
Z806501337-AW	Rotator, SLR, dual-color; -AW(Amber/White), -BW(Blue/White), -RB(Red/Blue), -RW(Red/White)	552.00
Z806501337-A	Rotator, SLR, single-color; -A(Amber), -B(Blue), -R(Red); -W(White)	441.00
Z806501313-AW	Stationary, 4x3 QuadraFlare®, dual-color; -AW(Amber/White), -BW(Blue/White), -RB(Red/Blue), -RW(Red/White)	331.00
Z806501313-A	Stationary, 4x3 QuadraFlare, single-color; -A(Amber), -B(Blue), -R(Red), -W(White)	271.00
Z806500795-AW	Stationary, 6x4 LED QuadraFlare, dual-color; -AW(Amber/White), -AB(Amber/Blue), -RA(Red/Amber), -RB(Red/Blue), -RW(Red/White), -BW(Blue/White)	374.00
Z806500795-A	Stationary, 6x4 LED QuadraFlare, single-color; -A(Amber), -B(Blue), -G(Green), -R(Red), -W(White)	332.00
Z806501199-AW	Stationary, 7x3 QuadraFlare, dual-color; -AW(Amber/White), -BW(Blue/White), -RB(Red/Blue), -RW(Red/White)	374.00
Z806501199-A	Stationary, 7x3 QuadraFlare, single-color; -A(Amber), -B(Blue), -R(Red), -W(White)	294.00
Z806501199-WK	Stationary, 7x3 QuadraFlare, work light	374.00

Reliant™

Z858003473C	Base, end, Clear	70.00
Z1751357A-02	Cable, RS485, 25-ft	53.00
Z858003474B	Dome, end, Clear	73.00
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base	49.00
Z8653178-2	Mount kit, flat	229.00
Z8653134B	Mount kit, hook	329.00

HighLighter® ELITE and HighLighter® MICRO

DYNAMIC DUO IN MINI-LIGHT BARS

The **HighLighter® ELITE** and **HighLighter® MICRO** leverage the latest and greatest technology advancements offering users a choice between two high-performing mini-light bars. These mini-light bars are compact, durable, easy to install, and diverse in their capabilities.



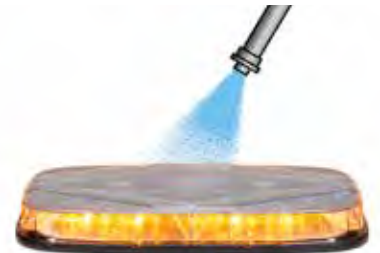
360° OF LIGHT

Continuous illumination.
No dark spots.



CLASS 1 SAE

For maximum warning
intensity in work zones



IP69K MAXIMUM PROTECTION FROM DUST & WATER

Pressure wash and dust resistant

LED BENEFITS



Low cost of
ownership



No bulbs or
tubes to replace



Warranty

Effective January 22, 2024

	HighLighter® Elite	HighLighter® Micro	21" Allegiant®	10" Navigator®	18" Navigator®	25" Navigator®
Technology						
Solaris® LED Reflector	•	•	•	•	•	•
SpectraLux® Multicolor LED	•		•	•	•	•
SLR (Solaris® LED Rotator)				•	•	•
ROC (Reliable Onboard Circuitry™)	•	•	•			
Convergence Network			•*			
FSJoin™			•			
FSLink®	•					
Features						
LED Colors	A B G R W	A B G R W	A B G R W	A B G R W	A B G R W	A B G R W
Split-Color Capability	•	•				
Dual-Color Capability	•		•	•	•	•
Flash Patterns	25	25	28	30	30	30
Dome Colors	A C	A C	A C G R	A B C R	A B C R	A B C R
Base Material	Polycarbonate	Polycarbonate	Aluminum	Aluminum	Aluminum	Aluminum
Voltage	12/24 Vdc	12/24 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc
Assembled in the US	•	•	•	•	•	•
Low-Power (Dim)	•		•		•	•
Cruise	•					
Mounting Options						
Flat	•	•	•	•	•	•
Permanent	•	•	•	•	•	•
4-inch Riser			•	•	•	•
Magnet	•	•	•			
Suction-cup	•	•				
Dimensions						
Length	14.6 in (37.1 cm)	10.2 in (25.9 cm)	20.7 in (52.6 cm)	10.0 in (25.4 cm)	17.6 in (44.7 cm)	24.8 in (63.0 cm)
Width	9.5 in (24.1 cm)	5.6 in (14.9 cm)	11.2 in (28.5 cm)	12.4 in (31.5 cm)	12.4 in (31.5 cm)	12.4 in (31.5 cm)
Height	2.0 in (5.1 cm)	1.6 in (4.1 cm)	1.8 in (4.6 cm)	4.4 in (11.2 cm)	4.4 in (11.2 cm)	4.4 in (11.2 cm)
Compliance						
SAE J845 Class 1	A B R W	A B R W	A B R W	A B R W	A B R W	A B R W
SAE J595 Class 1	A B R W	A B R W	A B R W	A B R W	A B R W	A B R W
CCR Title 13	A B R	A B R	A B R	A B R	A B R	A B R
IP Rating	IP69K	IP69K	IP65			
Warranty						
	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year

*Serial models only

Mini-Light Bars

Federal Signal

Effective January 22, 2024

HighLighter® Elite

- Low-profile 15" mini-light bar
- Single-, split-, and dual-color models
- Unique "edge cruise" lighting on dual-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP69K
- Five-year warranty



Model	Description	List Price
Permanent Mount Models		
HL15P-A*	Permanent mount, single-color, Amber LEDs, Amber dome	\$490.00
HL15PC-A*	Permanent mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)	490.00
HL15PC-SAW*	Permanent mount, split-color, Amber/White LEDs, Clear dome; -SAB* (Amber/Blue); -SAG* (Amber/Green)	490.00
HL15PC-AW*	Permanent mount, dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	550.00
Magnet Mount, Accessory Plug with On/Off Switch Models		
HL15M-A*	Magnet mount, single-color, Amber LEDs, Amber dome	520.00
HL15U-A	Magnet mount, single-color, Amber LEDs, Amber dome, with permanent mount bracket included	535.00
HL15MC-A*	Magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)	520.00
HL15UC-A	Magnet mount, single-color, Amber LEDs, Clear dome, with permanent mount bracket included	535.00
HL15MC-SAW	Magnet mount, split-color, Amber/White LEDs, Clear dome; -SAB (Amber/Blue); -SAG (Amber/Green)	520.00
HL15UC-SAW	Magnet mount, split-color, Amber/White LEDs, Clear dome, with permanent mount bracket included; -SAG (Amber/Green)	535.00
HL15MC-AW	Magnet mount, dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	580.00
HL15UC-AW	Magnet mount, dual-color, Amber/White LEDs, Clear dome, with permanent mount bracket included; -AG (Amber/Green)	595.00
Suction-Cup Magnet Mount, Accessory Plug with On/Off Switch Models		
HL15S-A*	Suction-cup magnet mount, single-color, Amber LEDs, Amber dome	535.00
HL15SC-A	Suction-cup magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)	535.00
HL15SC-SAW	Suction-cup magnet mount, split-color, Clear dome; -SAB (Amber/Blue); -SAG (Amber/Green)	535.00
HL15SC-AW	Suction-cup magnet mount, dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	595.00
Accessories		
454217*	Kit, riser mount, 2.1-inch lift	87.00
210883SSG*	Kit, self-leveling bracket	204.00
HL15-BKT*	Kit, permanent mount bracket	44.00
HL15-HDKIT	Kit, tow wing light mount, 10-ft cable	TBD
HL15-MAGMT*	Kit, magnet mount, accessory plug	105.00
HL15-SCTMT*	Kit, suction-cup magnet mount, accessory plug	127.00



End cruise
(single- and split-color models)



Edge cruise
(dual-color models)

* Stock model

HighLighter® Micro

- Low-profile 10" mini-light bar
- Single- and split-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP69K
- Five-year warranty



Model	Description	List Price
Permanent Mount Models		
HL10P-A*	Permanent mount, single-color, Amber LEDs, Amber dome	\$268.00
HL10PC-A*	Permanent mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)	268.00
HL10PC-AW	Permanent mount, split-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -RB (Red/Blue)	268.00
Magnet Mount, Accessory Plug with On/Off Switch Models		
HL10M-A	Magnet mount, single-color, Amber LEDs, Amber dome	281.00
HL10MC-A	Magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)	281.00
HL10MC-AW	Magnet mount, split-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	281.00
HL10U-A*	Magnet mount, single-color, Amber LEDs, Amber dome, with permanent mount bracket included	293.00
HL10UC-A*	Magnet mount, single-color, Amber LEDs, Clear dome, with permanent mount bracket included	293.00
HL10UC-AW*	Magnet mount, split-color, Amber/White LEDs, Clear dome, with permanent mount bracket included; -AG* (Amber/Green)	293.00
Suction-Cup Magnet Mount, Accessory Plug with On/Off Switch Models		
HL10S-A	Suction-cup magnet mount, single-color, Amber LEDs, Amber dome	293.00
HL10SC-A	Suction-cup magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)	293.00
HL10SC-AW	Suction-cup magnet mount, split-color, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	293.00
Accessories		
BKT-SL*	Kit, self-leveling bracket	204.00
HL10-BKT	Kit, permanent mount bracket	23.00
HL10-HDKIT	Kit, tow wing light mount, 10-ft cable	TBD
HL10-MAGMT*	Kit, magnet mount, accessory plug	60.00
HL10-SCTMT*	Kit, suction-cup magnet mount, accessory plug	70.00

* Stock model

Mini-Light Bars

Federal Signal

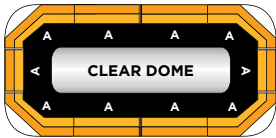
Effective January 22, 2024

21" Allegiant®

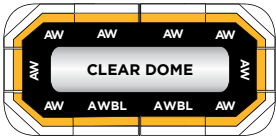
- Low-profile 21" mini-light bar
- Front flood, rear flood, takedowns, alley lights, work lights, and bed lights are available
- (28) flash patterns
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty



Model	Description	List Price
Discrete Models		
ALGT21D-AMBRF*	(10) Amber light heads, flat mount, Clear dome	\$869.00
ALGT21D-AMBRM	(10) Amber light heads, magnet mount with accessory plug, Clear dome	895.00
ALGT21D-AMBRP*	(10) Amber light heads, low-profile permanent mount, Clear dome	869.00
ALGT21D-AMBR3BF	(10) Amber/White light heads, takedowns, work lights, bed lights, flat mount, Clear dome	989.00
Serial Model — Four-button controller included		
ALGT21J-AMBR3BP4*	(10) Amber/White light heads, takedowns, work lights, bed lights, low-profile permanent mount, Clear dome	1,294.00
Notes		
• Convergence Network Controllers & Accessories on page 13 • Common replacement parts on page 20		



ALGT21D-AMBRP*
ALGT21D-AMBRF*
ALGT21D-AMBRM



ALGT21D-AMBR3BF
ALGT21J-AMBR3BP4*

* Stock model

10", 18", and 25" Navigator®

- High-profile, mini-light bar
- (30) flash patterns
- Black or Clear bulkheads
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description	List Price
10-inch Models		
NVG10-3AF	(3) Amber light heads, flat mount, Clear dome	\$1,027.00
NVG10-4AF	(4) Amber light heads, flat mount, Clear dome	1,207.00
NVG10-4ABF	(4) Amber/Blue light heads, flat mount, Clear dome	1,367.00
NVG10-4AGF	(4) Amber/Green light heads, flat mount, Clear dome	1,487.00
NVG10-4AWF	(4) Amber/White light heads, flat mount, Clear dome	1,367.00
NVG10-AAF	(1) Amber rotator, flat mount, Clear dome	787.00
NVG10-ABF	(1) Amber/Blue rotator, flat mount, Clear dome	862.00
NVG10-AGF	(1) Amber/Green rotator, flat mount, Clear dome	887.00
NVG10-AWF	(1) Amber/White rotator, flat mount, Clear dome	862.00
18-inch Models		
NVG18D-AMBR1FC	(6) Amber light heads, Clear bulkheads, flat mount, Clear domes	1,850.00
NVG18D-AMBR1RFC	(2) Amber rotators with mirror, Clear bulkheads, flat mount, Clear domes	1,470.00
NVG18D-MUNI1RFC	(2) Amber/White rotators with mirror, Clear bulkheads, flat mount, Clear domes	1,620.00
25-inch Models		
NVG25D-AMBR1FC	(8) Amber light heads, Clear bulkheads, flat mount, Clear domes	2,290.00
NVG25D-AMBR1RFB	(2) Amber light heads, (2) Amber rotators with mirror, Black bulkheads, flat mount, Amber domes	1,910.00
NVG25D-AMBR1RFC	(2) Amber light heads, (2) Amber rotators with mirror, Clear bulkheads, flat mount, Clear domes	1,910.00
NVG25D-MUNI2RFC	(1) Amber light head, (2) Amber rotators with mirror, (1) work light, Clear bulkheads, flat mount, Clear domes	1,910.00
Note		
• Common replacement parts on page 21		

SPIRE®

RELIABLE. DURABLE. AFFORDABLE.

Safety is the number one priority for truck operators in work zones—demand a beacon solution that's powerful, innovative and reliable.

High-performing **SPIRE® 100** and **SPIRE® 200** models deliver maximum light output to keep workers safe—while their affordable pricing makes them the easy choice for outfitting your entire fleet.



360° OF LIGHT

Continuous illumination.
No dark spots.

Unique and patented dome optics allow for continuous 360-degrees of illumination.



CLASS 1 SAE

For maximum warning intensity in work zones



IP69K MAXIMUM PROTECTION FROM DUST & WATER

Pressure wash
and dust resistant

LED BENEFITS



Low cost of ownership



No bulbs or tubes to replace



Warranty

	Spire® 100	Spire® 200	Pro LED Beacon	SLR Beacon	Renegade® LED	Firebolt® LED Class 2	Firebolt® LED Class 3
Technology							
Solaris® LED Reflector			•	•			
SpectraLux® Multicolor LED		•	•				
SLR (Solaris® LED Rotator)				•			
FSLink®		•	•				
Features							
LED Colors	W	A B G R W	A B G R W	A R W	A R	A B R W	A
Dual-Color Capability		•	•				
Flash Patterns	25	25	25	75/90/120 RPM	1	15	1
Dome Colors	A B C G R	A B C G R	A B C G R	A C R	A R	A B C R	A
Base Material	Polycarbonate Die-Cast Aluminum	Polycarbonate Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum	Polycarbonate	Polycarbonate	Polycarbonate
Voltage	12/24 Vdc	12/24 Vdc	12/24 Vdc	12/24 Vdc	12-110 Vdc	12-72 Vdc	12/24 Vdc
Assembled in the US	•	•	•	•		•	
Mounting Options							
Permanent / 1-inch Pipe	•	•	•	•			
Permanent / 1/2-inch Pipe						•	•
1-inch Pipe	•	•					
Permanent	•	•			•		
Magnet	•	•			•	•	•
Suction-Cup Magnet	•	•					
Rubber	•						
Dimensions							
Diameter	With Base 6.5 in (16.5 cm)	With Base 6.5 in (16.5 cm)	7.3 in (18.4 cm)	7.1 in (18.0 cm)	Permanent Mount 2.9 in (7.4 cm)	5.1 in (12.9 cm)	5.1 in (12.9 cm)
	Without Base 5.2 in (13.2cm)	Without Base 5.2 in (13.2cm)			Magnet Mount 2.8 in (7.1 cm)		
Height	Tall with Base 7.1 in (18 cm)	Tall with Base 7.1 in (18 cm)	Tall 5.3 in (13.3 cm)	5.8 in (14.7 cm)	Permanent Mount 5.2 in (13.2 cm)	Permanent Mount 3.6 in (9.2 cm)	3.8 in (9.6 cm)
	Tall without Base 6.2 in (15.7 cm)	Tall without Base 6.2 in (15.7 cm)					
	Short with Base 5.6 in (14.2 cm)	Short with Base 5.6 in (14.2 cm)	Short 3.6 in (9.2 cm)		Magnet Mount 5.4 in (13.7 cm)	Magnet Mount 4.0 in (10.2 cm)	
	Short without Base 4.7 in (11.9 cm)	Short without Base 4.7 in (11.9 cm)					
Compliance							
SAE J845 Class 1	A B R W	A B R W	A B R W	A R			
SAE J845 Class 2					A R	A B R W	
SAE J845 Class 3	G	G	G				A
CCR Title 13			A B R	A R			
IP Rating	IP69K	IP69K	IP69K				
Warranty	Five-year	Five-year	Five-year	Five-year	Three-year	Five-year	Three-year

Effective January 22, 2024

Spire® 100

- Single-color, short and tall beacon
- (25) flash patterns
- Power-Select feature to change flash patterns
- Built-in industry-standard watertight cable connection
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J845 Class 1 (Amber, Blue, Red, White), IP69K
- Five-year warranty



Model	Description	List Price
Short Dome Models		
100SC-A*	1-inch pipe mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	\$155.00
100SP-A*	Polycarbonate permanent/1-inch pipe mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	170.00
100SD-A	Die-cast permanent/1-inch pipe mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	182.00
100SDDC-A	Die-cast permanent/1-inch pipe mount, short, Amber dome, dust cover	220.00
100SDU-A	Die-cast permanent/1-inch pipe mount, short, Amber dome, branch guard, dust cover, blackout disk	255.00
100SM-A*	Magnet mount, accessory plug, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	182.00
100SS-A	Suction-cup magnet mount, accessory plug, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	195.00
100SR-A*	Rubber mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	195.00
Tall Dome Models		
100TC-A*	1-inch pipe mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	155.00
100TP-A*	Polycarbonate permanent/1-inch pipe mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	170.00
100TD-A	Die-cast permanent/1-inch pipe mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	182.00
100TDDC-A	Die-cast permanent/1-inch pipe mount, tall, Amber dome, dust cover	220.00
100TM-A*	Magnet mount, accessory plug, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	182.00
100TS-A	Suction-cup magnet mount, accessory plug, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	195.00
100TR-A	Rubber mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	195.00

Spire® Accessories

Model	Description	List Price
200B-SHORT	Branch guard, short	\$84.00
200B-TALL	Branch guard, tall	84.00
200DC-SHORT	Dust cover, short	40.00
200DC-TALL	Dust cover, tall	40.00
BKT-SL	Self-leveling bracket	204.00
200DCAST-MP10	Die-cast permanent mount, 10-pack	500.00
200POLY-MP10	Polycarbonate permanent mount, 10-pack	280.00

* Stock model

Spire® 200

- Single- and dual-color, short and tall beacon
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Low-power mode
- Compliance: SAE J845 Class 1 (Amber, Blue, Red, White), IP69K
- Five-year warranty



Model	Description	List Price
Short Dome Models		
200SC-A	1-inch pipe mount, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	\$260.00
220SC-AW	1-inch pipe mount, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	280.00
200SP-A	Polycarbonate permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	270.00
220SP-AW	Polycarbonate permanent/1-inch pipe mount, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	293.00
200SD-A*	Die-cast permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	285.00
200SDDC-A	Die-cast permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome, dust cover	323.00
200SDU-A	Die-cast permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome, branch guard, dust cover, blackout disk	353.00
220SD-AW	Die-cast permanent/1-inch pipe mount, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	305.00
200SM-A	Magnet mount, accessory plug, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	285.00
220SM-AW	Magnet mount, accessory plug, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	305.00
200SS-A	Suction-cup magnet mount, accessory plug, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	299.00
220SS-AW	Suction-cup magnet mount, accessory plug, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	318.00
Tall Dome Models		
200TC-A*	1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	260.00
220TC-AW	1-inch pipe mount, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	280.00
200TP-A*	Polycarbonate permanent/1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	270.00
220TP-AW*	Polycarbonate permanent/1-inch pipe mount, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	293.00
200TD-A*	Die-cast permanent/1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	285.00
200TDDC-A	Die-cast permanent/1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome, dust cover	323.00
220TD-AW	Die-cast permanent/1-inch pipe mount, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	305.00
200TM-A*	Magnet mount, accessory plug, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	285.00
220TM-AW	Magnet mount, accessory plug, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	305.00
200TS-A	Suction-cup magnet mount, accessory plug, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)	299.00
220TS-AW	Suction-cup magnet mount, accessory plug, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)	318.00



* Stock model

Effective January 22, 2024

Pro LED Beacon

- Single- and dual-color, short and tall beacon
- Built-in permanent/1-inch pipe mount aluminum die-cast base
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Low-power mode
- Compliance: SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP69K
- Five-year warranty



Model	Description	List Price
Short Dome Models		
300SMP-A-SB*	Single-color, Amber LEDs, Amber dome; -B (Blue); -R (Red)	\$373.00
300SMPC-A-SB	Single-color, Amber LEDs, Clear dome	373.00
320SMPC-AW-SB	Dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green)	450.00
Tall Dome Models		
300TMP-A-SB*	Single-color, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (red)	390.00
300TMPC-A-SB*	Single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red)	390.00
320TMPC-AW-SB	Dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green)	494.00
Accessories		
300B-SHORT	Branch guard, short	99.00
300B-TALL	Branch guard, tall	107.00

SLR Beacon

- Unique LED rotating beacon
- 75/90/120 RPM
- Built-in permanent/1-inch pipe mount aluminum die-cast base
- Compliance: SAE J845 Class 1, CCR Title 13
- Multi-voltage, 12/24 Vdc
- Five-year warranty



Model	Description	List Price
262650-02	Amber LEDs, Amber dome	\$659.00
262650-04	Red LEDs, Red dome	659.00
262650-05	White LEDs, Clear dome	659.00
262650-25	Amber LEDs, Clear dome	659.00

* Stock model

Renegade® LED

- Single-color LED beacon
- (1) flash pattern
- Multi-voltage, 12-110 Vdc
- Compliance: SAE J845 Class 2
- Three-year warranty



Model	Description	List Price
Permanent Mount Models		
462250-02*	Amber LEDs, Amber dome	\$94.00
462250-04	Red LEDs, Red dome	94.00
Magnet Mount, Accessory Plug Models		
462260-02	Amber LEDs, Amber dome	110.00
462260-04	Red LEDs, Red dome	110.00

Firebolt® LED

SAE J845 Class 2 Models

- Single-color LED beacon
- (15) flash patterns
- Multi-voltage, 12/72 Vdc
- Five-year warranty

SAE J845 Class 3 Models

- Single-color LED beacon
- (1) flash pattern
- Multi-voltage, 12/24 Vdc
- Three-year warranty



Model	Description	List Price
Permanent / 1/2-Inch Pipe Mount Models		
220250-02*	Amber LEDs, Amber dome, Class 2	\$127.00
220250-03	Blue LEDs, Blue dome, Class 2	127.00
220250-04	Red LEDs, Red dome, Class 2	127.00
220250-05	White LEDs, Clear dome, Class 2	127.00
220350-02*	Amber LEDs, Amber dome, Class 3	109.00
Magnet Mount, Accessory Plug Models		
220260-02*	Amber LEDs, Amber dome, Class 2	169.00
220260-03	Blue LEDs, Blue dome, Class 2	169.00
220260-04	Red LEDs, Red dome, Class 2	169.00
220260-05	White LEDs, Clear dome, Class 2	169.00
220360-02*	Amber LEDs, Amber dome, Class 3	126.00
Accessories for Class 2 Models		
210539	L-Bracket	46.00
210728	Kit, magnet mount with accessory plug	42.00
211676	Dome guard assembly, chrome	38.00

* Stock model



	Latitude [™] SignalMaster [™]	4200S SignalMaster	8200S SignalMaster	MicroPulse [®] SignalMaster	CN SignalMaster
Technology					
Solaris [®]	•				•
SpectraLux [®] Multicolor LED					•
ROC (Reliable Onboard Circuitry [™])	•				•
Convergence Network					•
FSJoin [™]					•
Features					
LED Colors	A	A	A	A	A B R W
Dual-Color Capability					•
Tri-Color Capability					•
Number of Directional Heads	6 or 8	6 or 8	6 or 8	4, 6, or 8	4 or 8
Flash Patterns	1	14	14	Depends on the controller selected	27
Number of LEDs per Light Head	3	4	8	12	6
Lens Color	C	C	C	C	C
Voltage	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc
Split-Head Option			•		•
Arrow-Style Option		•	•		
Controller Included	•				Optional
Online Configurator					•
Assembled in the US	•			•	•
Length					
20-inch				•	
23-inch / 24-inch	•			•	
30-inch / 31-inch / 32-inch	•	•	•	•	•
36-inch				•	
42-inch / 44-inch		•	•	•	
48-inch	•				
51-inch		•	•	•	
65-inch				•	
84-inch				•	
Dimensions					
Width	2.7 in (6.9 cm)	2.0 in (5.1 cm)	1.9 in (4.8 cm)	3.4 in (8.6 cm)	3.3 in (8.4 cm)
Height	1.3 in (3.3 cm)	1.4 in (3.6 cm)	2.3 in (5.8 cm)	2.6 in (6.6 cm)	1.7 in (4.3 cm)
Compliance					
SAE J845 Class 1	A	A	A	A	A B R W
SAE J595 Class 1	A			A	A B R W
CCR Title 13	A	A	A	A	A B R
IP Rating				IP67	
Warranty	Five-year	Three-year	Three-year	Five-year	Five-year

Directional Warning Lights

Federal Signal

Effective January 22, 2024

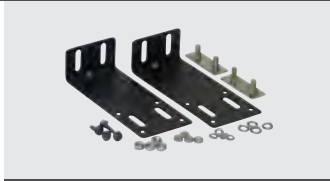
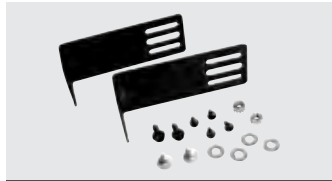
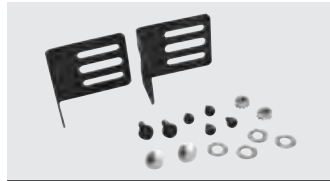
Latitude™ SignalMaster™

- LED directional warning light
- Available in 6-head and 8-head models
- Innovative co-extrusion, polycarbonate housing provides moisture resistance; compatible with SignalMaster brackets
- Left, right and center-out directional signals and (1) warning pattern
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13
- Five-year warranty



Model	Description	List Price
SL6S-A	24-inch, (6) Amber light heads, SignalMaster economy controller, 30-ft cable	\$649.00
SL8S-A*	32-inch, (8) Amber light heads, SignalMaster economy controller, 30-ft cable	728.00
SL8S-A-50	32-inch, (8) Amber light heads, SignalMaster economy controller, 50-ft cable	810.00
SL8S-A48*	48-inch, (8) Amber light heads, SignalMaster economy controller, 30-ft cable	824.00
SL8S-A48-50*	48-inch, (8) Amber light heads, SignalMaster economy controller, 50-ft cable	878.00
Common Replacement Part		
Z8573327A	Economy controller	56.00

SignalMaster Brackets

 320310 \$53.00 Flush mount, vertical surface	 320320* \$81.00 Double L-bracket for light bar or rear deck mount	 320330 \$74.00 System mount	 320340 \$162.00 Universal mount
 320350 \$47.00 Foot adapter mount	 CNSM-UM \$62.00 Universal mount for CN SignalMaster, internal/external use	 SLB-001 \$65.00 Long L-bracket, CN SignalMaster or Latitude	 SLB-002 \$65.00 Short L-bracket, CN SignalMaster or Latitude
 SLB-FRD15ND* \$65.00 8-head bracket, CN SignalMaster or Latitude, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022	 SLB-SIL19ND \$65.00 8-head bracket, CN SignalMaster or Latitude, no drill, Chevy Silverado 2019-2023		

* Stock model

4200S/8200S SignalMaster™

- LED directional warning light
- Available in 31", 42", and 51" lengths
- Stick light models available in 6-head or 8-head versions; Arrow light models available in 10-head or 16-head versions
- 4200S SignalMaster models have (4) LEDs per light head; 8200S SignalMaster models have (8) LEDs per light head
- Left, right, center-out directional signals and (14) warning patterns
- Aluminum housing with rail design compatible with SignalMaster brackets
- 18" whip with water-tight connector
- Discrete extension cable or eight-button controller required
- Compliance: SAE J595 Class 1, CCR Title 13
- Three-year warranty



Model	Description	List Price
Stick Models		
4200SM6-A*	4200S SignalMaster, 31-inch, (6) Amber light heads	\$585.00
8200SM6-A*	8200S SignalMaster, 31-inch, (6) Amber light heads	752.00
4200SM8-A-42*	4200S SignalMaster, 42-inch, (8) Amber light heads	698.00
8200SM8-A-42*	8200S SignalMaster, 42-inch, (8) Amber light heads	915.00
4200SM8-A-51*	4200S SignalMaster, 51-inch, (8) Amber light heads	725.00
8200SM8-A-51*	8200S SignalMaster, 51-inch, (8) Amber light heads	948.00
Arrow Models		
4200SMA10-A*	4200S SignalMaster Arrow, 31-inch, (10) Amber light heads (6-head stick, 2-head arrows)	981.00
8200SMA10-A*	8200S SignalMaster Arrow, 31-inch, (10) Amber light heads (6-head stick, 2-head arrows)	1,310.00
8200SMA10-A-2*	8200S SignalMaster Arrow, (2) 20-inch, (10) Amber light heads, split (3-head stick, 2-head arrows)	1,498.00
4200SMA16-A*	4200S SignalMaster Arrow, 51-inch, (16) Amber light heads (8-head stick, 4-head arrows)	1,350.00
8200SMA16-A*	8200S SignalMaster Arrow, 51-inch, (16) Amber light heads (8-head stick, 4-head arrows)	1,800.00
Required Accessories (must order one with each light)		
SMCABLE-15*	Discrete cable, 15-ft	178.00
SMCABLE-30*	Discrete cable, 30-ft	239.00
SMCONTROL*	Eight-button serial controller with 20-ft cable	372.00
Optional SMCONTROL Accessories		
SMEXTENSION-15*	Extension cable, 15-ft	178.00
SMEXTENSION-30*	Extension cable, 30-ft	239.00
SMCONTROL-BRKT*	Permanent mount bracket	40.00
Note		
• SignalMaster brackets on page 36		



* Stock model

Directional Warning Lights

Federal Signal

Effective January 22, 2024

MicroPulse® SignalMaster™

- LED directional warning light
- 4-head, 6-head, and 8-head models available in various lengths
- Aluminum housing with rail design compatible with SignalMaster brackets
- Visor-like extrusion designed to help block sunlight, increasing the warning effectiveness
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13, IP67
- Five-year warranty



Model	Description	List Price
MPSUSM20-4A-30*	20-inch, (4) Amber light heads, 30-ft cable	\$937.00
MPSUSM23-A-30	23-inch, (4) Amber light heads, 30-ft cable	937.00
MPSUSM30-BRK-50	30-inch, (4) Amber light heads and (1) Red brake light (center), 50-ft cable	1,500.00
MPSUSM32-A-30	32-inch, (6) Amber light heads, 30-ft cable	1,278.00
MPSUSM32-A-60	32-inch, (6) Amber light heads, 60-ft cable	1,313.00
MPSUSM36-BRK-50	36-inch, (6) Amber light heads and (1) Red brake light (center), 50-ft cable	1,750.00
MPSUSM42-A-30	42-inch, (6) Amber light heads, 30-ft cable	1,750.00
MPSUSM42-BRK-30	42-inch, (6) Amber light heads and (1) Red brake light (center), 30-ft cable	1,937.00
MPSUSM42-A-60	42-inch, (6) Amber light heads, 60-ft cable	1,784.00
MPSUSM42-8A-30*	42-inch, (8) Amber light heads, 30-ft cable	1,784.00
MPSUSM42-8A-60*	42-inch, (8) Amber light heads, 60-ft cable	1,818.00
MPSUSM44-A-30*	44-inch, (8) Amber light heads, 30-ft cable	1,784.00
MPSUSM44-A-60*	44-inch, (8) Amber light heads, 60-ft cable	1,818.00
MPSUSM51-BRK-30	51-inch, (8) Amber light heads and (1) Red brake light (center), 30-ft cable	2,063.00
MPSUSM51-A-30	51-inch, (8) Amber light heads, 30-ft cable	1,875.00
MPSUSM51-A-60	51-inch, (8) Amber light heads, 60-ft cable	1,908.00
MPSUSM65-A-60	65-inch, (8) Amber light heads, 60-ft cable	2,000.00
MPSUSM84-DOT	84-inch, (8) Amber light heads, (3) Red DOT marker lights, 30-inch cable	2,099.00

Required Controller Options

330104-SB*	Basic directional light controller, 12/24 Vdc	404.00
331105-SB*	Full-feature directional light controller with slide switch and override feature, 12/24 Vdc	469.00

Common Replacement Parts

ZMPS121UX-A-SM	Replacement light head, Amber	247.00
ZMPS121UX-R-SM	Replacement light head, Red	247.00

Note
• SignalMaster brackets on page 36



* Stock model

CN SignalMaster™



- LED directional warning light with flood lighting capability
- Available in 4-head, 8-head, and split 8-head models
- Tri-color capability with LED colors in Amber, Blue, Green, Red, and White
- Left, right and center-out directional signals plus (27) warning patterns
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description	List Price
8-Head SignalMaster		
CNSMJ8R-AMBR1	(8) Amber light heads, no interface module, 25-ft cable	\$1,123.00
CNSMJ8R-AMBR2	(8) Amber light heads, interface module, 25-ft cable	1,240.00
CNSMJ8R-AMBR3	(8) Amber light heads, six-button controller, 25-ft cable	1,548.00
CNSMJ8R-AMBR4	(8) Amber/White light heads, no interface module, 25-ft cable	1,483.00
CNSMJ8R-AMBR5	(8) Amber/White light heads, interface module, 25-ft cable	1,583.00
CNSMJ8R-AMBR7	(8) Amber/White light heads, six-button controller, 25-ft cable	1,908.00
Split 8-Head SignalMaster — (2) 4-Head		
CNSMJ2X4R-AMBR1	(8) Amber light heads, no interface module, 25-ft cable	1,123.00
CNSMJ2X4R-AMBR2	(8) Amber light heads, interface module, 25-ft cable	1,240.00
CNSMJ2X4R-AMBR3	(8) Amber light heads, six-button controller, 25-ft cable	1,548.00
CNSMJ2X4R-AMBR4	(8) Amber/White light heads, no interface module, 25-ft cable	1,483.00
CNSMJ2X4R-AMBR5	(8) Amber/White light heads, interface module, 25-ft cable	1,583.00
CNSMJ2X4R-AMBR7	(8) Amber/White light heads, six-button controller, 25-ft cable	1,908.00
Notes		
• Convergence Network Controllers & Accessories on page 13 • SignalMaster brackets on page 36		

Perimeter Light Comparison Chart

Federal Signal

Effective January 22, 2024

	MicroPulse® Wide Angle 9	MicroPulse® Ultra	MicroPulse® C Series	MicroPulse® 650/652	416300	416900Z/ 416910Z	FireRay® LED
Technology							
SpectraLux® Multicolor LED		●					●
FSJoin™		●					●
FSLink®		●					
Features							
LED Colors	A B G R W	A B G R W	A B R W	A B R W	A B R W	A B R W	A B R W
Split-Color Capability							●
Dual-Color Capability	●	●	●	●	●	●	●
Tri-Color Capability		●					
Flash Patterns	12 (Single-Color) 18 (Dual-Color)	25	27 (Single-Color) 18 (Dual-Color)	10	17	19	13
Number of LEDs per Light Head	9 (Single-Color)	3 (MPS3U Single-Color)	6 (Single-Color)	6 (Single-Color)	3 (Single-Color)	6 (Single-Color)	N/A
		6 (MPS3U Dual-Color, MPS6U Single-Color)					
	12 (Dual-Color)	12 (MPS6U Dual-Color, MPS12U Single-Color)	8 (Dual-Color)	12 (Dual-Color)	6 (Dual-Color)	12 (Dual-Color)	
		18 (MPS6U Tri-Color) 24 (MPS12U Dual-Color) 36 (MPS12U Tri-Color)					
Lens Color	C	C	C	C	C	C	A B C R
Voltage	12/24 Vdc (Single-Color) 12 Vdc (Dual-Color)	12/24 Vdc	12 Vdc	12/24 Vdc	12 Vdc (Single-Color) 12/24 Vdc (Dual-Color)	12/24 Vdc	12 Vdc
Assembled in the US		●					
Dimensions							
Length	5.0 in (12.8 cm)	MPS3U 3.5 in (8.8 cm)	4.1 in (10.3 cm)	4.2 in (10.8 cm)	N/A	N/A	FR4 4.8 in (12.2 cm)
		MPS6U 5.2 in (13.2 cm)					FR6 6.4 in (16.3 cm)
		MPS12U 5.3 in (13.5 cm)					FR7 7.0 in (17.8 cm)
Width/Diameter	1.5 in (3.8 cm)	0.4 in (1.0 cm)	0.9 in (2.4 cm)	1.7 in (4.3 cm)	1.0 in (2.6 cm)	1.9 in (4.7 cm)	FR4 0.9 in (2.3 cm) FR6 1.3 in (3.3 cm) FR7 1.1 in (2.8 cm) FR9 1.4 in (3.6 cm)
Height/Depth	1.5 in (3.8 cm)	MPS3U, MPS6U 1.3 in (3.3 cm)	0.9 in (2.3 cm)	0.9 in (2.4 cm)	1.3 in (3.4 cm)	0.9 in (2.3 cm)	FR4 2.8 in (7.1 cm) FR6 4.4 in (11.2 cm) FR7 4.0 in (10.2 cm) FR9 6.3 in (16.0 cm)
		MPS12U 1.9 in (4.8 cm)					
Compliance							
SAE J845 Class 1	A B R W	A B R W		A B R W			A B R W
SAE J845 Class 2			A B R W (Single-Color)				
SAE J845 Class 3	G	G	A B R W (Dual-Color)				
SAE J595 Class 1	A B R W (Single-Color) R (Dual-Color)	A B R W	A B R W (Single-Color) B (Dual-Color)	A B R W			A B R W
SAE J595 Class 2	A B W (Dual-Color)		A R (Dual-Color)				
CCR Title 13	A B R (Single-Color)	A B R	A B R				A B R
IP Rating	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Warranty	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year

MicroPulse® Wide Angle 9



- 180-degree wide angle perimeter light
- Single- and dual-color models
- (27) single-color or (18) dual-color flash patterns
- Wide range of external mounting applications
- Black bezel standard; Chrome bezel optional
- Multi-voltage, 12/24 Vdc (single-color only)
- Compliance: SAE J595 Class 1 (single-color), SAE J595 Class 2 (dual-color), SAE J845 Class 1, CCR Title 13 (single-color), IP67
- Five-year warranty

Model	Description	List Price
MPSW9-A*	Single-color, (9) Amber LEDs	\$271.00
MPSW9-B	Single-color, (9) Blue LEDs	271.00
MPSW9-R	Single-color, (9) Red LEDs	271.00
MPSW9-W*	Single-color, (9) White LEDs	271.00
MPSW9-AG	Dual-color, (12) Amber/Green LEDs	283.00
MPSW9-AW*	Dual-color, (12) Amber/White LEDs	283.00
MPSW9-BA*	Dual-color, (12) Blue/Amber LEDs	283.00
MPSW9-BW	Dual-color, (12) Blue/White LEDs	283.00
MPSW9-RA*	Dual-color, (12) Red/Amber LEDs	283.00
MPSW9-RB	Dual-color, (12) Red/Blue LEDs	283.00
MPSW9-RW	Dual-color, (12) Red/White LEDs	283.00
Accessories		
MPSMW9-1	Chrome bezel for (1) MPSW9	21.00
MPSMW9-2	White bezel for (1) MPSW9	21.00
Common Replacement Part		
MPSMW9-3	Black bezel for (1) MPSW9	21.00

MicroPulse Wide Angle 9 Brackets and Kits

MPSMW9-LB* \$19.00	MPSMW9-SPACRKT* \$33.00	MPSW9-SPACRKT2 \$13.00	MPSMW9-FRD21MIR* \$59.00
L-Bracket for (1) MPSW9	Kit for (4) 5-degree rubber mounting wedges for use with MPSW9 lights	Pair of 22-degree rubber mounting wedges for MPSW9, Ford F-150, Dodge Ram 2500, 2023	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150 (non-towing mirrors), 2021-2022
MPSMW9-RAM19MIR* \$41.00	MPSMW9-SHD \$45.00	MPSMW9-SIL19MIR* \$41.00	MPSMW9-TAH21MIR \$64.00
Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Ram, 2019-2022; Dodge Ram new body style	Shroud for (1) MPSW9 light, multi-vehicle applications	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado 1500, 2019-2021	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Tahoe, 2021-2022

* Stock model

Perimeter Lights

Federal Signal

Effective January 22, 2024

MicroPulse® Ultra

- Ultra low-profile perimeter light available in three sizes
- Single-, dual-, and tri-color models
- (25) flash patterns
- Wide range of external and internal mounting applications
- Black bezel standard; Chrome and White bezels optional
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP67
- Five-year warranty



Model	Description	List Price
MPS121U-A*	MicroPulse Ultra 12, single-color, (12) Amber LEDs; -R (Red)	\$225.00
MPS122U-AW*	MicroPulse Ultra 12, dual-color, (24) Amber/White LEDs; -BA* (Blue/Amber); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	237.00
MPS123U-AGW*	MicroPulse Ultra 12, tri-color, (36) Amber/Green/White LEDs; -BAW* (Blue/Amber/White); -RAW* (Red/Amber/White); -RBA (Red/Blue/Amber); -RBW (Red/Blue/White)	272.00
MPS61U-A*	MicroPulse Ultra 6, single-color, (6) Amber LEDs; -B (Blue); -R (Red); -W (White)	191.00
MPS62U-AW*	MicroPulse Ultra 6, dual-color, (12) Amber/White LEDs; -AG (Amber/Green); -BA* (Blue/Amber); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)	201.00
MPS63U-AGW*	MicroPulse Ultra 6, tri-color, (18) Amber/Green/White LEDs; -BAW* (Blue/Amber/White); -RAW* (Red/Amber/White); -RBA (Red/Blue/Amber); -RBW (Red/Blue/White)	229.00
MPS31U-A*	MicroPulse Ultra 3, single-color, (3) Amber LEDs; -B (Blue); -R (Red); -W (White)	119.00
MPS32U-AW*	MicroPulse Ultra 3, dual-color, (6) Amber/White LEDs; -AG* (Amber/Green); -BA* (Blue/Amber); -BW (Blue/White); -RA* (Red/Amber); -RB (Red/Blue); -RW (Red/White)	145.00

Accessories		
MPSUMB3-1	Chrome bezel for (1) MicroPulse Ultra 3; -2 (White)	18.00
MPSUMB6-1	Chrome bezel for (1) MicroPulse Ultra 6; -2 (White)	18.00
MPSUMB12-1	Chrome bezel for (1) MicroPulse Ultra 12; -2 (White)	18.00

Common Replacement Parts		
MPSUMB3-3	Black bezel for (1) MicroPulse Ultra 3	18.00
MPSUMB6-3	Black bezel for (1) MicroPulse Ultra 6	18.00
MPSUMB12-3	Black bezel for (1) MicroPulse Ultra 12	18.00

MicroPulse Ultra 3 Brackets and Kits

MPSM3-DL **\$26.00**

L-Bracket for (2) MPS3U lights, side-by-side

MPSM3-DS **\$26.00**

L-Bracket for (2) MPS3U lights, stacked

MPSM3-LB* **\$19.00**

L-Bracket for (1) MPS3U light

MPSM3-SB **\$34.00**

Swivel Mount Bracket for (1) MPS3U light

MPSM3U-PLN **\$12.00**

Pylon mount bezel for (1) MPS3U light

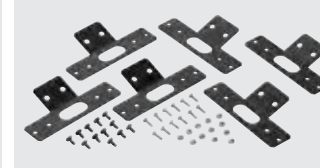
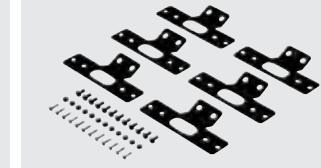
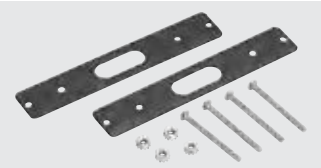
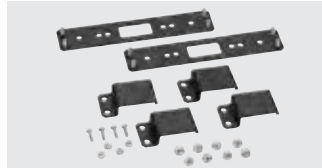
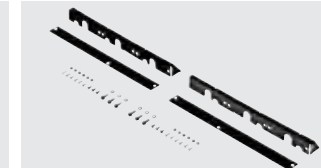
MPSM3UC-SPACRKT* **\$29.00**

Kit of four 5-degree rubber mounting wedges for use with MPS3U lights

* Stock model

MicroPulse® Ultra—Continued

MicroPulse Ultra 6 Brackets and Kits

				
MPSM6-DL* \$26.00	MPSM6-DS* \$26.00	MPSM6-LB* \$19.00	MPSM6-SB* \$34.00	MPSM6U-SPACRKT \$29.00
L-bracket for (2) MPS6U lights, side-by-side	L-bracket for (2) MPS6U lights, stacked	L-bracket for (1) MPS6U light	Swivel mount bracket for (1) MPS6U light	Kit of four 5-degree rubber mounting wedges for use with MPS6U lights
				
MPSM6U-WIN* \$70.00	MPSM6U-WIN46-12 \$290.00	MPSM6-FRD15RB \$110.00	MPSM6U-FD15UPRB \$110.00	
Adhesive mount for (1) MPS6U light. Kit includes 90°, 67°, 46°, and 30° shrouds	Adhesive mount for (12) MPS6U lights. Kit includes 46° shrouds	Kit of (6) running board brackets, each bracket holds (1) MPS6U light, F-150/Ford F-150 Responder, 2015-2023 (will work on XL and XLT trim levels with OEM running boards)	Kit of (6) upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150/Ford F-150 Responder, 2015-2023 (will work on XL and XLT trim levels with OEM running boards)	
				
MPSM6-GRL1* \$38.00	IPX-GRL14 \$58.00	MPSM6U-PLN \$12.00	MPS6U-SIL19RS6 \$196.00	
Pair of grille brackets, each bracket holds (1) MPS3U/MPS6U light, fits vehicles with a mesh grille	Pair of grille brackets, horizontal mount, no drill, each bracket holds (1) MPS3U/MPS6U light, Ford-150 Responder, 2018-2022 (will work on lower end trim level grilles on XL and XLT models)	Pylon mount bezel for (1) MPS6U light	Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Chevrolet Silverado 2019-2022	

MicroPulse Ultra 12 Brackets and Kits

				
330510* \$28.00	MPSM12-DL* \$26.00	MPSM12-DS* \$26.00	MPSM12-LB* \$19.00	MPSM12-SB \$34.00
6-inch oval mounting plate kit for (1) MPS12U, with rubber grommet (light sold separately)	L-bracket for (2) MPS12U lights, side-by-side	L-bracket for (2) MPS12U lights, stacked	L-bracket for (1) MPS12U light	Swivel mount bracket for (1) MPS12U light
				
MPSM12U-SPACRKT* \$35.00	MPSUMA12-1 \$58.00	MPSM12U-PLN \$12.00	MPSM12U-FRD23DTL \$79.00	MPSM12U-FRD23DTL2 \$79.00
Kit of four 5-degree rubber mounting wedges for use with MPS12U lights	40° angled bezel for (1) MPS12U light, Chrome; -3 (Black)	Pylon mount bezel for (1) MPS12U light	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/MPS12U light, Ford F-150, 2023	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/MPS12U light and (1) MPS3U/MPS6U light, Ford F-150, 2023

* Stock model

Perimeter Lights

Federal Signal

Effective January 22, 2024

MicroPulse® C Series



- Low-profile perimeter light
- Single- and dual-color models
- (27) single-color or (18) dual-color flash patterns
- Black surface mount bezel and stud mount standard
- Compliance: SAE J595 Class 1 (single-color), SAE J595 Class 2 (dual-color), SAE J845 Class 2 (single-color), SAE J845 Class 3 (dual-color), CCR Title 13, IP67
- Five-year warranty

Model	Description	List Price
MPSC-A*	Single-color, (6) Amber LEDs	\$185.00
MPSC-B	Single-color, (6) Blue LEDs	185.00
MPSC-R	Single-color, (6) Red LEDs	185.00
MPSC-W	Single-color, (6) White LEDs	185.00
MPSC2-AW*	Dual-color, (8) Amber/White LEDs	196.00
MPSC2-BW	Dual-color, (8) Blue/White LEDs	196.00
MPSC2-RB	Dual-color, (8) Red/Blue LEDs	196.00
MPSC2-RW	Dual-color, (8) Red/White LEDs	196.00
Accessories		
MPSMC-1	Chrome bezel for (1) MicroPulse C Series	19.00
MPSMC-2	White bezel for (1) MicroPulse C Series	19.00
Common Replacement Part		
MPSMC-3	Black bezel for (1) MicroPulse C Series	19.00

MicroPulse C Brackets



MPSMC-LBWN\$37.00

MPSMC-SBWN\$47.00

L-bracket for (1) MicroPulse C Series

Swivel mount bracket for (1) MicroPulse C Series

* Stock model

MicroPulse® 650/652

- Low-profile hood/grill mount perimeter light
- Single- and dual-color models
- (19) flash patterns
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1, SAE J845 Class 1, IP67
- Five-year warranty



Model	Description	List Price
MPS650-AA*	Single-color, (6) Amber/Amber LEDs	\$191.00
MPS650-BB	Single-color, (6) Blue/Blue LEDs	191.00
MPS650-RR	Single-color, (6) Red/Red LEDs	191.00
MPS650-WW	Single-color, (6) White/White LEDs	191.00
MPS652-BR	Dual-color, (12) Blue/Red LEDs	219.00
MPS652-BW	Dual-color, (12) Blue/White LEDs	219.00
MPS652-RW	Dual-color, (12) Red/White LEDs	219.00
MPS652-WA*	Dual-color, (12) White/Amber LEDs	219.00

* Stock model

Perimeter Lights

Federal Signal

Effective January 22, 2024

416300 Series

- Flush mount perimeter light
- Single- and dual-color models
- (17) flash patterns
- Multi-voltage, 12/24 Vdc (dual-color only)
- IP67 rated for protection against dust and water
- Five-year warranty



Model	Description	List Price
416300-A*	Single-color, (3) Amber LEDs	\$114.00
416300-B	Single-color, (3) Blue LEDs	114.00
416300-R	Single-color, (3) Red LEDs	114.00
416300-W	Single-color, (3) White LEDs	114.00
416300-AW*	Dual-color, (6) Amber/White LEDs	126.00
416300-BA*	Dual-color, (6) Blue/Amber LEDs	126.00
416300-BW	Dual-color, (6) Blue/White LEDs	126.00
416300-RA*	Dual-color, (6) Red/Amber LEDs	126.00
416300-RB	Dual-color, (6) Red/Blue LEDs	126.00
416300-RW	Dual-color, (6) Red/White LEDs	126.00
Accessories		
416301	L-bracket kit for use with single-color models only	14.00
416302	Grommet kit, mounts (2) 416300 series in bottom of liftgate panel for auxiliary rear warning when liftgate is open, Chevrolet Tahoe, 2021-2023	20.00



* Stock model

416900Z/416910Z Series

- Low-profile perimeter light
- Single- and dual-color models
- Two mounting options; bezel for surface mounting or can be installed in a head lamp
- (19) flash patterns
- Black bezel standard; Chrome or White bezel optional
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 2 (Amber, Red), SAE J595 Class 3 (Blue, White), SAE J845 Class 1 (Red), DAE J845 Class 2 (Amber/White), SAE J845 Class 3 (Blue), IP67
- Five-year warranty



Model	Description	List Price
416910Z-A*	Single-color, Amber	\$130.00
416910Z-B	Single-color, Blue	130.00
416910Z-R	Single-color, Red	130.00
416910Z-W	Single-color, White	130.00
416900Z-AW*	Dual-color, Amber/White	130.00
416900Z-BA*	Dual-color, Blue/Amber	130.00
416900Z-BW	Dual-color, Blue/White	130.00
416900Z-RA*	Dual-color, Red/Amber	130.00
416900Z-RB	Dual-color, Red/Blue	130.00
416900Z-RW	Dual-color, Red/White	130.00
Accessories		
416900-BZC	Chrome bezel for 416900Z/416910Z Series	14.00
416900-BZW	White bezel for 416900Z/416910Z Series	14.00

* Stock model

Perimeter Lights

Federal Signal

Effective January 22, 2024

FireRay® LED

- Exterior perimeter light available in four sizes
- Single-, split-, and dual-color models
- (13) flash patterns and up to (4) flashing modes
- Black or Chrome bezel optional
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13, IP67
- Five-year warranty



FR6A1-A



Model	Description	List Price
4x3 Models		
FR4C-A*	Single-color, Amber LEDs, Clear lens	\$218.00
FR4C-AW*	Split-color, Amber/White LEDs, Clear lens	218.00
6x4 Models		
FR6A1-A*	Single-color, Amber LEDs, Amber lens	246.00
FR6B1-B	Single-color, Blue LEDs, Blue lens	246.00
FR6R1-R	Single-color, Red LEDs, Red lens	246.00
FR6C1-A*	Single-color, Amber LEDs, Clear lens	246.00
FR6C1-B	Single-color, Blue LEDs, Clear lens	246.00
FR6C1-R	Single-color, Red LEDs, Clear lens	246.00
FR6C1-W	Single-color, White LEDs, Clear lens	246.00
FR6C2-AW*	Dual-color, Amber/White LEDs, Clear Lens	268.00
FR6C2-BA*	Dual-color, Blue/Amber LEDs, Clear Lens	268.00
FR6C2-BW	Dual-color, Blue/White LEDs, Clear Lens	268.00
FR6C2-RA*	Dual-color, Red/Amber LEDs, Clear Lens	268.00
FR6C2-RB	Dual-color, Red/Blue LEDs, Clear Lens	268.00
FR6C2-RW	Dual-color, Red/White LEDs, Clear Lens	268.00



FR7A1-A*



FR9A1-A

* Stock model

FireRay® LED — Continued

Model	Description	List Price
7x3 Models		
FR7A1-A*	Single-color, Amber LEDs, Amber lens	\$246.00
FR7R1-R	Single-color, Red LEDs, Red lens	246.00
FR7C1-A*	Single-color, Amber LEDs, Clear lens	246.00
FR7C1-B	Single-color, Blue LEDs, Clear lens	246.00
FR7C1-R	Single-color, Red LEDs, Clear lens	246.00
FR7C1-W	Single-color, White LEDs, Clear lens	246.00
FR7C2-AW*	Dual-color, Amber/White LEDs, Clear Lens	268.00
FR7C2-BA	Dual-color, Blue/Amber LEDs, Clear Lens	268.00
FR7C2-BW	Dual-color, Blue/White LEDs, Clear Lens	268.00
FR7C2-RB	Dual-color, Red/Blue LEDs, Clear Lens	268.00
FR7C2-RW	Dual-color, Red/White LEDs, Clear Lens	268.00
9x7 Models		
FR9A1-A	Single-color, Amber LEDs, Amber lens	368.00
FR9B1-B	Single-color, Blue LEDs, Blue lens	368.00
FR9R1-R	Single-color, Red LEDs, Red lens	368.00
FR9C1-A	Single-color, Amber LEDs, Clear lens	368.00
FR9C1-B	Single-color, Blue LEDs, Clear lens	368.00
FR9C1-R	Single-color, Red LEDs, Clear lens	368.00
FR9C1-W	Single-color, White LEDs, Clear lens	368.00
FR9C2-AW	Dual-color, Amber/White LEDs, Clear Lens	401.00
FR9C2-BW	Dual-color, Blue/White LEDs, Clear Lens	401.00
FR9C2-RB	Dual-color, Red/Blue LEDs, Clear Lens	401.00
FR9C2-RW	Dual-color, Red/White LEDs, Clear Lens	401.00
Accessories		
FR4MB	4x3 trim bezel, Black	19.00
FR4MC	4x3 trim bezel, Chrome	20.00
FR6MB	6x4 trim bezel, Black	19.00
FR6MC	6x4 trim bezel, Chrome	20.00
FR7MB	7x3 trim bezel, Black	24.00
FR7MC	7x3 trim bezel, Chrome	24.00
FR9MB	9x7 trim bezel, Black	24.00
FR9MC	9x7 trim bezel, Chrome	30.00



FR7A1-A with Chrome Bezel



FR9A1-A with Chrome Bezel

* Stock model

Perimeter Lights

Federal Signal

Effective January 22, 2024

SignalTech® LED Lights

- 4" round and 6" oval LED lights
- 2" and 2.5" side marker/clearance LED lights
- 1.5" indicator light in Red flashing and steady
- Kits includes LED light, rubber mount grommet, and sealed wired harness
- Compliance: SAE J595 Class 1, CCR Title 13, FMVSS 108, SAE J593, SAE J1398
- Three-year warranty



Model	Description	List Price
Flashing Models		
4-inch Round LED light kits, 12/24 Vdc		
607123-02SB*	PAR 36, Amp harness, Amber	\$84.00
607123-03SB*	PAR 36, Amp harness, Blue	84.00
607123-04SB*	PAR 36, Amp harness, Red	84.00
607123-05SB*	PAR 36, Amp harness, White	84.00
6-inch Oval LED light kit, 12/24 Vdc		
607101-02SB*	Amp harness, Amber	84.00
607101-03SB*	Amp harness, Blue	84.00
607101-04SB*	Amp harness, Red	84.00
607101-05SB*	Amp harness, White	84.00
STT/Turn/Backup/Marker Light Models		
4-inch Round LED light kits, 12/24 Vdc		
607100-04SB*	Stop/Tail/Turn light, Amp harness, Red	83.00
607102-02SB*	Turn light, Amp harness, Amber	87.00
607124-05SB*	Backup light, Amp harness, White	88.00
607124-05SB-DEU*	Backup light, Amp harness, weather tight connector, White	100.00
6-inch Oval LED light kits, 12/24 Vdc		
607105-04SB*	Stop/Tail/Turn light, Amp harness, Red	87.00
607106-02SB*	Turn light, Amp harness, Amber	87.00
607125-05SB*	Backup light, Amp harness, White	94.00
607130-45SB*	Combo Stop/Tail/Turn and Backup, Red and White	77.00
Side Marker/Clearance light kits, 12 Vdc		
607119-02SB*	2-inch round, Amp harness, Amber	29.00
607119-04SB*	2-inch round, Amp harness, Red	29.00
607120-02SB*	2.5-inch round, PL10 harness, Amber	26.00
607120-02SB-AMP*	2.5-inch round, Amp harness, Amber	40.00
607120-04SB*	2.5-inch round, PL10 harness, Red	26.00
607120-04SB-AMP*	2.5-inch round, Amp harness, Red	40.00
Indicator Light		
607121-04SB*	1.5-inch flashing and steady, Red	41.00
Accessories and Kits		
605523-02SB*	4-inch round flashing LED light head, Amber; -03SB(Blue); -04SB(Red)	63.00
605501-02SB*	6-inch oval flashing LED light head, Amber; -03 SB(Blue); -04SB(Red)	67.00
605520SB*	4-inch round Kit, rubber mounting grommet	7.00
605510SB*	6-inch oval Kit, rubber mounting grommet	7.00
605500SB*	Sealed wire harness for flashing LED light heads	13.00
607109SB*	Sealed wire harness for S/T/T and Turn LED light heads	21.00
605530SB*	2.5-inch round mounting grommet	7.00

* Stock model

Latitude™

- LED flashing warning light
- Available in 4-head, 6-head and 8-head models
- Innovative co-extrusion, polycarbonate housing provides moisture resistance; compatible with SignalMaster™ brackets
- (10) flash patterns (does not include directional signals)
- Compliance: SAE J595 Class 1, SAE J845 Class 2 (Amber, Blue), CCR Title 13
- Five-year warranty



Model	Description	List Price
SL4F-A	(4) Amber light heads, A-A-A-A	\$416.00
SL6F-A	(6) Amber light heads, A-A-A-A-A-A	598.00
SL6F-AW	(3) Amber light heads, (3) White light heads, A-W-A-W-A-W	598.00
SL8F-A	(8) Amber light heads, A-A-A-A-A-A-A-A	676.00
SL8F-AW	(4) Amber light heads, (4) White light heads, A-W-A-W-A-W-A-W	676.00
Notes		
• Latitude SignalMaster models on page 36 • Mounting brackets on page 36		

Perimeter Lights

Federal Signal

Effective January 22, 2024

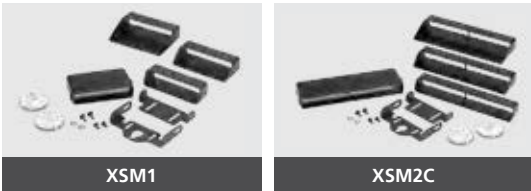
XStream®

- Low-profile design
- Operates as a single-, dual-, or tri-color light head
- Available in single-head and dual-head models
- Black polycarbonate housing
- Each model features two recessed buttons, one to change the flash pattern and another for color mode
- (25) flash patterns
- Versatile mounting brackets and three different length snap-on flash guards included
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13
- Five-year warranty



Model	Description	List Price
Single-head with wire leads		
XSM1-BRA-US	Blue/Red/Amber	\$199.00
XSM1-BRW-US	Blue/Red/White	199.00
XSM1-BWA-US	Blue/White/Amber	199.00
XSM1-RWA-US	Red/White/Amber	199.00
XSM1-WAG-US	White/Amber/Green	199.00
Dual-head with wire leads		
XSM2-BRA-US	Blue/Red/Amber-Blue/Red/Amber	507.00
XSM2-BRW-US	Blue/Red/White-Blue/Red/White	507.00
XSM2-BWA-US	Blue/White/Amber-Blue/White/Amber	507.00
XSM2-RWA-US	Red/White/Amber-Red/White/Amber	507.00
XSM2-WAG-US	White/Amber/Green-White/Amber/Green	507.00

Model	Description	List Price
Accessories and Kits		
XSMBKT01	Slip-on visor mount kit for use with single- or dual-head models	\$34.00
XSMBKT02	Adjustable, swivel mount for single- or dual-head models	53.00
XSMBKT03	Universal headliner mount bracket for single- or dual-head models	24.00
XSMBKT10	Driver and passenger visor mount kit for use with (1) single- or dual-head Xstream, with mounting holes for front and rear facing cameras, Ford F-150, 2015-2022, Ford F-250/350/450/550 Super Duty, 2017-2022, Ford Expedition, 2018-2023, Ford Lightning, 2022-2023	99.00
XSMBKT12	Driver and passenger visor mount kit for use with (1) single- or dual-head Xstream, with mounting holes for front and rear facing cameras, Dodge Durango, 2011-2023	99.00
Z205003	Rubber extrusion	14.00



Each model includes light head, (2) suction-cups, bail and pivot brackets, mounting hardware and three different length snap-on flash guards.





SpectraLux® ILS Low-Profile Center-Focused

- Slim internal lighting system reduces windshield obstruction and improves driver visibility
- Tri-color capability with LEDs offered in Amber, Blue, Green, Red, and White
- Vehicle-specific shrouds to prevent flashback for most common vehicle applications
- Discrete cable or serial interface module available for use in traditionally-wired applications
- (26) flash patterns
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description	List Price
Chevrolet® Silverado® 2019+		
SIFMS-AMBR2CS	Split front headliner, Amber/White, discrete cable	\$1,995.00
SIFMJS-AMBR2CS6	Split front headliner, Amber/White, six-button controller	2,122.00
Ford® F150–F550 2017+		
SIFMS-AMBR2FF	Split front headliner, Amber/White, discrete cable	1,995.00
SIFMJS-AMBR2FF6	Split front headliner, Amber/White, six-button controller	2,122.00
Universal Mount		
SIFMS-AMBR2UM	Split front headliner, Amber/White, discrete cable	1,995.00
SIFMJS-AMBR2UM6	Split front headliner, Amber/White, six-button controller	2,122.00

Interior Compartment Lights

Federal Signal

Effective January 22, 2024

Commander® Flex Compartment Light

- Exterior / Interior mounted flexible strip lighting
- 1/2" wide
- 3M™ acrylic foam tape on back for easy installation; mounting clips and screws included
- IP67 rated for protection against dust and water
- Three-year warranty



Model	Description	List Price
COMFLEX-9*	9-inch, White LEDs	\$30.00
COMFLEX-18*	18-inch, White LEDs	43.00
COMFLEX-27*	27-inch, White LEDs	58.00
COMFLEX-36*	36-inch, White LEDs	77.00
COMFLEX-45*	45-inch, White LEDs	97.00
COMFLEX-54*	54-inch, White LEDs	114.00
COMFLEX-63*	63-inch, White LEDs	151.00

Commander® 5" Compartment Light

- Low-profile, surface mount rectangular interior light—less than 3/4" thick
- Durable polycarbonate housing and sealed Clear lens
- Five-year warranty



Model	Description	List Price
COMINT5-W*	(9) White LEDs, Clear lens, 380 Lumen, surface mount	\$44.00

* Stock model

DFC Push Bumper Series

- Quick and simple installation
- Center bar pre-drilled for additional accessory mounting
- Simple, single MPS6U top channel mounting bracket for ease of assembly
- Manufactured with HRPO steel
- Black, textured powder coat for resistance against scratches and scuffs
- 7-gauge steel, pre-drilled side uprights and lower guards for MPS6U mounting
- Mounting kit and hardware included
- Three-year warranty



Model	Description	List Price
Push Bumper		
DFC-PB-FRD21	Push Bumper, 2021-2023 Ford F150	\$1,084.00
Top Channels (Must order 1 with each push bumper)		
DFC-TC2L-2	Two-light top-channel for Ford F150 push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TC4L-2	Four-light top-channel for Ford F150 push bumper, use with MPS6U lights (lights sold separately)	56.00
DFC-TCP-2	Solid top-channel for Ford F150 push bumper	56.00
Accessories		
DFC-LG-FRD21	Lower guards for use with 2021-2023 Ford F150 push bumper	1,009.00
DFC-UG-FRD21	Upper guards for use with 2021-2023 Ford F150 push bumper	678.00
DFC-WC-FRD21	Wire covers for use with 2021-2023 Ford F150 push bumper	66.00

Exterior Area Lights

Federal Signal

Effective January 22, 2024

NightSpire®

- Adjustable spot to flood capability
- 360° of continuous rotation
- 130° of vertical tilt
- Can pair up to three units on one controller
- Designed to operate in -40° to +176 F (-40° to +80°C) environments
- Wireless Bluetooth controller; backlit controller buttons when activated
- 3,100 raw lumen output
- IP69K — Maximum protection from dust and water
- Five-year warranty



Model	Description	List Price
NS200-P*	Permanent/1-inch pipe mount, wireless Bluetooth controller	\$910.00
NS200-M*	Magnet mount, accessory plug, wireless Bluetooth controller	975.00
Accessories		
200NS-TALL	Branch guard	85.00
NSCTRL-BKT*	Dash mount bracket, wireless controller	26.00
Z864901329	Bracket kit for mounting to Allegiant®/Integrity®/Legend®	149.00
Common Replacement Parts		
NSCTRL-1	Wireless controller	165.00
Z843303374A	Clear dome	69.00



NightSpire mounted on Allegiant with Z864901329 bracket kit

* Stock model

ICON™ Snow Plow Headlight

- Dual-post mount for added vibration resistance
- Hard coated polycarbonate lens for increased scratch resistance
- Heated glass lens for automatic snow melting
- Low beam/high beam override, parking light, and front/side turn signal
- Compliance: FMVSS108 compliant, SAE J222, SAE J588, SAE J914
- Three-year warranty



Model	Description	List Price
ICSSPL-P	LED snow plow headlight, pair	\$650.00
Accessories		
SPLCABLE-1	Adapter cables, BOSS™, pair	175.00
SPLCABLE-2	Adapter cables, Buyers SnowDogg®, pair	175.00
SPLCABLE-3	Adapter cables, FISHER®/WESTERN®, pair	175.00

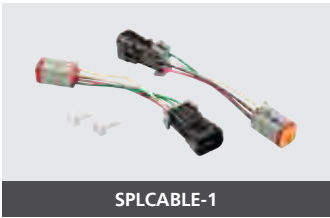


Low Beam / High Beam

Front Turn Signal Light

Side Turn Signal Light

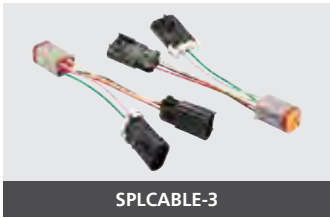
Parking Light



SPLCABLE-1



SPLCABLE-2



SPLCABLE-3

Exterior Area Lights

Federal Signal

Effective January 22, 2024

ICON™ Work Light

- High-powered LED work light available in round or square housing
- Die-cast aluminum housing and polycarbonate lens
- Adjustable vertical and horizontal mounts
- Stainless steel U-bracket and hardware
- Multi-voltage, 12/24 Vdc
- Compliance: IP67, RoHS, CE, CISPR 25 Class 3
- Three-year warranty



Model	Description	List Price
ICS3-RND*	3-inch, 1100 Lumen, Round	\$85.00
ICS3-SQ*	3-inch, 1100 Lumen, Square	85.00
ICS35-RND*	3.5-inch, 1440 Lumen, Round	105.00
ICS35-SQ*	3.5-inch, 1330 Lumen, Square	105.00
ICS43-RND*	4.3-inch, 2200 Lumen, Round	135.00
ICS43-SQ*	4.3-inch, 2700 Lumen, Square	135.00



ICS3-SQ
ICS35-SQ
ICS43-SQ



ICS3-RND
ICS35-RND
ICS43-RND

ICON™ Utility Bar

- High-powered LED, multi-function utility light
- Unique flood/spotlight with Amber warning and Amber or White cruise light
- Bezel-less frame to reduce dirt/snow/ice accumulation
- Die-cast aluminum housing and UV-coated polycarbonate lens
- Adjustable mounting brackets and stainless hardware
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1, RoHS, CE, IP68/IP69K
- Three-year warranty



Model	Description	List Price
ICSPL13-AW*	13-inch utility bar, White flood/spot, Amber warning, 4200 Lumen	\$240.00
ICSPL21-AW*	21.5-inch utility bar, White flood/spot, Amber warning, 6475 Lumen	360.00

* Stock model

ICON™ Tow Winch Light

- Low-profile LED tow work light bar
- 6,650 effective lumens
- Combination flood/spot light with (24) LEDs
- Aluminum extruded light head
- Hard-coated polycarbonate lens
- Powder-coated steel bracket and mounting bolts
- 2-pin automotive connector
- Multi-voltage, 12/24 Vdc
- IP67 rated for protection against dust and water
- Three-year warranty



Model	Description	List Price
ICSPL24-WL	White LED tow work light bar	\$260.00

COM7/COM9 Scene Lights

COM7

- High-powered LED scene light
- Compact design for effective floodlight solution
- 890 effective lumen output
- Models available with Black, Chrome, or White polycarbonate bezels
- Weatherproof and vibration resistant
- Multi-voltage, 12/24 Vdc
- Five-year warranty

COM9

- High-powered LED scene light
- Curved design to maximize floodlight coverage
- 1460 effective lumen output
- Models available with Black or White die-cast aluminum housing
- Weatherproof and vibration resistant
- Multi-voltage, 12/24 Vdc
- Five-year warranty



COM7-C

Model	Description	List Price
COM7-B*	COM7 scene light, Black bezel	\$114.00
COM7-C*	COM7 scene light, Chrome bezel	114.00
COM7-W*	COM7 scene light, White bezel	114.00
COM9-B*	COM9 scene light, Black housing	146.00
COM9-W*	COM9 scene light, White housing	146.00



COM7-B



COM7-W



COM9-B



COM9-W

* Stock model

Backup Alarms & Camera Systems

Federal Signal

Effective January 22, 2024

2012 Series Backup Alarm

- Available in 87 dB(A), 97 dB(A), and 102 dB(A)
- Steam-cleanable and pressure-washable
- Epoxy-encapsulated
- Multi-voltage, 12/24 Vdc
- Three-year warranty



Model	Description	List Price
Stud terminal, 12/24 Vdc		
210239-S*	97 dB(A), SAE J994 Type C	\$47.00
210240-S*	102 dB(A), SAE J994 Type F	47.00
Wired, 12/24 Vdc		
210238-W*	87 dB(A), SAE J994 Type D	47.00
210239-W*	97 dB(A), SAE J994 Type C	47.00
210240-W*	102 dB(A), SAE J994 Type F	47.00

Evacuator® Plus Backup Alarm

- Dual-tone function (pulse or constant)
- Universal mounting bracket included
- Unique Piezo-electric design incorporates a tear-free Mylar® speaker cone that is impervious to moisture
- Multi-voltage, 12-48 Vdc
- Three-year warranty



Model	Description	List Price
210330SSG*	87 dB(A), SAE J994 Type D	\$155.00
210331SSG*	97 dB(A), SAE J994 Type C	155.00
210333SSG*	107 dB(A), SAE J994 Type B	155.00
210335SSG*	112 dB(A), SAE J994 Type B	155.00

* Stock model

Reverse Camera Systems

- AHD Sony® CCD camera for outstanding image quality
- 5.6" and 7" color AHD monitors available
- Versatile solution that works with a variety of applications
- Multiple camera cable lengths available
- IP68 rated for protection against dust and water (Cameras)
- Multi-voltage, 12/24 Vdc
- Two-year limited warranty



Model	Description	List Price
Systems		
CAMSET56-AHD-NTSC2-SB	5.6-inch monitor with two-camera input, (1) standard rear-view camera and (1) 65.5-ft camera-to-monitor extension cable	\$1,178.00
CAMSET70-AHD-NTSC4	7.0-inch monitor with four-camera input, (1) standard rear-view camera, and (1) 65.5-ft extension cable	1,401.00
Monitors — Camera cables not included		
CAMLCD-AHD-56-SB	5.6-inch TFT-LCD monitor with two-camera input integrated control box without split-screen capability	798.00
CAMLCD-AHD-70	7.0-inch TFT-LCD monitor with four-camera input integrated control box with split-screen capability	956.00
Cameras — Camera cables not included		
CAMAHD-BALLNTSC	Ball CCD camera with night vision and audio, NTSC compatible	378.00
CAMAHD-REARNTSC	Standard rear-view CCD camera with night vision and audio, NTSC compatible	378.00
CAMAHD-SIDENTSC	Side-view CCD camera with night vision and audio, NTSC compatible	378.00
Cables		
CAMCABLE-5	5-m/16.5-ft camera-to-monitor extension cable	42.00
CAMCABLE-10	10-m/33-ft camera-to-monitor extension cable	53.00
CAMCABLE-15	15-m/49-ft camera-to-monitor extension cable	61.00
CAMCABLE-20	20-m/65.5-ft camera-to-monitor extension cable	78.00
CAMCABLE-40	40-m/131-ft camera-to-monitor extension cable	217.00
Accessories		
CAMADP-EXT	Camera cable adapter for connecting (2) extension cables together	17.00
CAMADP-RCA-IN	System adapter for connecting RCA to monitor or DVR	28.00
CAMADP-RCA-OUT	System adapter for connecting camera to external RCA input	28.00
CAMLCD-BRACKET	Mounting bracket, monitor	41.00
Common Replacement Parts		
CAMADP-AHD-2-SB	Replacement wiring harness, CAMLCD-AHD-56-SB	47.00
CAMADP-AHD-4	Replacement wiring harness, CAMLCD-AHD-70	47.00
CAMBRK-HD	Replacement monitor mount	61.00

Vehicle Reference Guides

Federal Signal

Effective January 22, 2024

Ford F-150

Model	Description
Roof Mount Light Bars & Accessories	
ALGT53JZ-AMBR3H6C	Allegiant® Serial, 53-inch, FSJoin®, Amber/White, work lights, takedown, alley lights, front/rear flood, SignalMaster™, hook mount, Clear domes, six-button controller
RLNT48Z-AMBR3H4	Reliant™, 48-inch, Amber/White, front flood, alley lights, SignalMaster, hook mount, Clear domes, four-button controller
HKB-UNH5	Hook mount kit, 51- and 53-inch light bars standard height foot, 2015-2023
HKB-UNH6	Hook mount kit, 44, 45- and 48-inch light bars standard height foot, 2015-2023
210960-54	Roof mount bar, 54-inch
UNHK	Roof mount bar kit, hook mount feet (requires HKB hook kit)
210962SSG	Roof mount bar kit, roof mount bar endcaps
210961SSG	Roof mount bar kit, mounting plate, Spire®/NightSpire®
454219	Roof mount bar kit, mounting plate, HighLighter® Elite
A21219	Roof mount bar kit, mounting plate, 21-inch Allegiant
Grille Light Brackets	
MPSM6-GRL1	Pair of grille brackets, each bracket holds (1) MPS3U/MPS6U light, fits vehicles with a mesh grille
IPX-GRL14	Pair of grille brackets, horizontal mount, no drill, each bracket holds (1) MPS3U/MPS6U light, Ford-150, 2018-2023 (will work on lower trim level grilles on XL and XLT models)
Hood Mount Lights	
MPS652-WA	MicroPulse® 652, dual-color, Amber/White
Interior Front Headliner	
SIFMJS-AMBR2FF6	SpectraLux® ILS low-profile, center-focused, split front headliner, Amber/White, six-button controller
Side Mirror Brackets	
MPSMW9-FRD21MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150 (non-towing mirrors), 2021-2023
Rocker Panel Brackets	
MPSM3-LB	L-bracket to mount (1) MPS3U light to the rocker trim
MPSM6-LB	L-bracket to mount (1) MPS6U light to the rocker trim
Running Board Brackets	
MPSM6-FRD15RB	(6) Running board brackets, each bracket holds (1) MPS6U light, Ford F-150, 2015-2023 (Includes XL and XLT trim levels with OEM running boards)
MPSM6U-FD15UPRB	(6) Upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150, 2015-2023 (Includes XL and XLT trim levels with OEM running boards)
Taillight Brackets	
MPSM12U-FRD23DTL	Pair of rear taillight drill-less brackets, each bracket holds (1) MPS6U/MPS12U light, Ford F-150, 2023
MPSM12U-FRD23DTL2	Pair of rear taillight drill-less brackets, each bracket holds (1) MPS6U/MPS12U light and (1) MPS3U/MPS6U light, Ford F-150, 2023
Interior Rear Window Mounts	
MPSM6U-WIN	Adhesive mount for (1) MPS6U light; kit includes 90°, 67°, 46°, and 30° shrouds
MPSM6U-WIN46-12	Adhesive mount for (12) MPS6U lights, kit includes 46-degree shrouds
SLB-FRD15ND	8-head bracket, CN SignalMaster or Latitude™, no drill, Ford F-150 2015-2023
Push Bumper & Accessories	
DFC-PB-FRD21	DFC Push Bumper, Ford F-150, 2021-2023
DFC-UG-FRD21	Upper guards, DFC Push Bumper, Ford F-150, 2013-2023
DFC-TC2L-2	Top channel, two-light, DFC Push Bumper, Ford F-150, 2021-2023, holds (2) MPS6U lights
DFC-TC4L-2	Top channel, four-light, DFC Push Bumper, Ford F-150 2021-2023, holds (4) MPS6U lights
ICS43-RND	ICON™ Work Light, 4.3-inch, 2200 Lumen, round
ICS43-SQ	ICON Work Light, 4.3-inch, 2700 Lumen, square
ICSPL13-AW	ICON Utility Bar, 13-inch, 4202 Lumen, White flood/spot, Amber warning
ICSPL21-AW	ICON Utility Bar, 21.5-inch, 6475 Lumen, White flood/spot, Amber warning

Chevrolet Silverado

Model	Description
Roof Mount Light Bars & Accessories	
ALGT53JZ-AMBR3H6C	Allegiant® Serial, 53-inch, FSJoin®, Amber/White, work lights, takedowns, alley lights, front/rear flood, SignalMaster™, hook mount, Clear domes, six-button controller
RLNT48Z-AMBR3H4	Reliant™, 48-inch, Amber/White, front flood, alley lights, SignalMaster, hook mount, Clear domes, four-button controller
HKB-UNH2	Hook mount kit, 51- and 53 inch light bars standard height foot, 2019-2024
HKB-UNH3	Hook mount kit, 44-, 45-, 46-, and 48-inch light bars standard height foot, 2019-2024
210960-46	Roof mount bar, 46-inch
UNHK	Roof mount bar kit, hook mount feet (requires HKB hook kit)
210962SSG	Roof mount bar kit, roof mount bar endcaps
210961SSG	Roof mount bar kit, mounting plate, Spire®/NightSpire®
454219	Roof mount bar kit, mounting plate, HighLighter® Elite
A21219	Roof mount bar kit, mounting plate, 21-inch Allegiant
Grille Light Bracket	
MPSM6-LB	Generic L-bracket for (1) MPS6U light
Hood Mount Lights	
MPS652-WA	MicroPulse® 652, dual-color, Amber/White
Interior Front Headliner	
SIFMJS-AMBR2CS6	SpectraLux® ILS low-profile, center-focused, split front headlines, Amber/White, six-button controller
Side Mirror Brackets	
MPSMW9-SIL19MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado, 2019-2024
Rocker Panel Brackets	
MPSM3-LB	L-bracket to mount (1) MPS3U light to the rocker panel
MPSM6-LB	L-bracket to mount (1) MPS6U light to the rocker panel
Interior Rear Window Mounts	
MPSM6U-WIN	Adhesive mount for (1) MPS6U light; kit includes 90°, 67°, 46°, and 30° shrouds
MPSM6U-WIN46-12	Adhesive mount for (12) MPS6U light; kit includes 46° shrouds
SLB-SIL19ND	8-head bracket, CN SignalMaster or Latitude™, no drill, Chevrolet Silverado, 2019-2024
Rear Spoiler Brackets	
MPS6U-SIL19RS6	Rear spoiler bracket kit for (3) MPS6U lights on each side, Chevrolet Silverado, 2019-2024

Warranty

Federal Signal

Effective January 22, 2024

LIMITED WARRANTY TERMS AND CONDITIONS

Effective January 22, 2024

Federal Signal Corporation ("Federal Signal"), subject to the terms, conditions and exceptions contained herein, warrants each NEW product to be free from defects in material and workmanship, under normal and proper use, care, maintenance and required service only. Start of Warranty, Warranty periods and exceptions to the foregoing Limited Warranty are contained on the Schedule of Products included in this document and are subject to change at the sole discretion of Federal Signal.

SPECIFIC EXCLUSIONS AND EXCEPTIONS

This Limited Warranty does NOT apply nor is it extended to products that are not manufactured by Federal Signal. These products may be covered by a separate limited warranty provided by the particular manufacturer and all claims and questions regarding the same are to be directed to the particular manufacturer. Goods sourced by Seller from a third party for resale to Buyer shall carry only the warranty extended by the original manufacturer.

Domes, lenses, lamps and batteries installed on Federal Signal products are specifically excluded. Repair or replacement of any product(s) or part(s) under this warranty does NOT extend the term of this warranty, and such product(s) or part(s) shall remain covered by the unexpired portion of the warranty period or for ninety (90) days from the date of return to Federal Signal, whichever is later. This limited warranty applies ONLY to the initial or first installation of the product. This limited warranty shall not apply to products (1) that have been subjected to neglect, abuse, misuse, improper installation, inadequate maintenance, or damage due to improper use of cleaning or cleaning materials or chemicals, or non-compliance with Federal Signal's storage, installation, operation, maintenance or environmental requirements; (2) that have undergone any modification or repair not previously authorized by Federal Signal in writing, or service, repair or modification by or from any facility other than an authorized Federal Signal service center or technician, or that use non-authorized software or spare or replacement parts; or (3) that fail due to reasonable and normal use or wear and tear, or materials made, furnished or specified by the Buyer or end user.

During the specific warranty periods set forth below, Federal Signal will, at its sole option, repair or replace the product(s) or particular part(s) that are found to be defective in either material or workmanship or, in its sole discretion refund the purchase price for such product(s) or part(s), which are returned or delivered, transport or shipping prepaid by the Buyer or end user, to either Federal Signal or its designated and authorized warranty service center. This limited warranty does not cover travel expenses, the cost of specialized equipment for gaining access to the product(s) or part(s), or labor charges for removal and re-installation of the product.

No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties, to extend the term or duration of this warranty, or to assume any other liability on behalf of Federal Signal in connection with the sale, servicing or repair of any product manufactured by the Federal Signal.

Federal Signal reserves the right to make design changes and improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

The use in the product of any part other than parts approved by Federal Signal may invalidate this warranty. Federal Signal reserves the right to determine, in its sole discretion, if the use of non-approved parts invalidates this warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND REGARDLESS OF ANY FAILURE OF ESSENTIAL PURPOSE. ALL OTHER WARRANTIES OF WHATSOEVER KIND AND NATURE, WHETHER EXISTING IN CONTRACT OR AT LAW, ARE HEREBY AND FOREVER DISCLAIMED.

UNDER NO CIRCUMSTANCES WILL FEDERAL SIGNAL BE LIABLE OR RESPONSIBLE FOR SPECIAL, COMPENSATORY, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, LOST PROFITS, LOST SALES, OR LOSS OF USE OR LOSS OF BUSINESS OPPORTUNITY BY OR THROUGH THE USE OF THE PRODUCT. FEDERAL SIGNAL'S SOLE AND MAXIMUM LIABILITY WITH RESPECT TO THE PRODUCT, OTHER THAN ITS OBLIGATIONS SET FORTH ABOVE, SHALL BE THE TOTAL PURCHASE PRICE PAID FOR THE PRODUCT.

LIMITED WARRANTY—Schedule of Products

Effective January 22, 2024

	Warranty Period for Parts replacement from the date of manufacture stamped on the product	Warranty period for Factory Labor from the date of delivery to the first user-purchaser
STANDARD WARRANTY COVERAGE		
AUDIBLE		
Mounts, brackets, all other products not specifically listed below	3 years	3 years
Speakers	2 years	1 year
Pathway	5 years	5 years
Pathfinder	5 years	5 years
LED PRODUCTS		
All LED (Light Emitting Diode) products unless otherwise noted	5 years	5 years
LED rotating light assemblies from all light bars and beacons	5 years	5 years
MicroPulse LED lights (shipped prior to January 1, 2021)	3 years	3 years
MicroPulse LED lights (shipped on or after January 1, 2021)	5 years	5 years
416300 Series (shipped prior to January 1, 2021)	3 years	3 years
416300 Series (shipped on or after January 1, 2021)	5 years	5 years
MB1 LED Message Board	3 years	3 years
Commander Series Flex	3 years	3 years
4200S-A Perimeter Light	3 years	3 years
4200/8200S SignalMaster	3 years	3 years
SignalTech Lights	3 years	3 years
ICON Series	3 years	3 years
OTHER PRODUCTS		
Littlite Map lights	5-year warranty on LED components Limited lifetime warranty on mechanical components	5-year warranty on LED components Limited lifetime warranty on mechanical components
Reverse Camera Systems	3 years	3 years
Stinger Spike Systems	5 years	5 years
DFC Push Bumper Series	3 years	3 years
FSLink Programmer	1 year	1 year
Atkinson Dynamics Intercoms	2 years	1 year
Switch Boxes SW200, SW300, SW400SS	3 years	3 years
Note: Domes, lenses, lamps, and batteries are NOT covered under warranty.		



www.fedsig.com

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amberorders@fedsig.com

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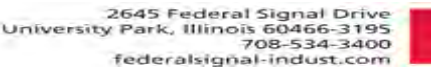


Exhibit D, Supplement 1
Sample Invoice and Quote

Attached is a sample invoice and quote.

Contractor is required to use the sample quote and sample invoice for all transactions under this Contract. Contractor may not materially change either document unless the change has been approved in writing by the State's Authorized Representative. Contractor may not modify the sample quote or sample invoice to provide less detail regarding purchases under this Contract. Contractor hereby waives the right to enforce any term in either sample which contradicts or modifies any term of the solicitation or any Contract that may result, including subsequent amendments to the Contract, or would result in an unencumbered expense if enforced against the state or its CPV members. The State anticipates the sample quote and sample invoice will contain, at a minimum:

- ☐ Customer name
- ☐ State Contract number field
- ☐ Item
- ☐ Item quantity
- ☐ List price
- ☐ Contract discount
- ☐ Price after discount



Invoice

Invoice No.:
Invoice Date:
Our Order No:

Shipper No:
State contract number:

Sold To:

Ship to:

Bill to No	Terms	Customer PO Number		Shipped Via		Ship Date
				Freight Terms		
				COLLECT		
Item	Quantity	Description	Contract Discount	List Price	Unit Price	Line Total
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal:					\$ -	

Please Remit to: Federal Signal Corporation
Po Box 200217
Dallas TX 75320-0217

Freight:
Taxes: \$ -
TOTAL: \$ -



FEDERAL SIGNAL

PUBLIC SAFETY SYSTEMS
2645 Federal Signal Drive,
University Park, Illinois 60484
Website: www.fedsig.com
Phone: 800-264-3578
Email: policefireorders@fedsig.com

Account Name: Ship To Account:

Minnesota, State of
50 Sherburne Avenue
St Paul, MN 55155

Contact: Paul Thomas Contact:

QUOTE

Number : PSSQ13861
Created on Date : 08/05/2025
Expiration Date : 09/04/2025

PO# SAMPLE

Sales Person/RSM:
Kim Horvat
Inside Sales Manager

Prepared By:
Kim Horvat

Payment Terms		JDE Sold To Account Number (CC)		Rep Name/Agency	
NET 30					
Quote Name:		LOB		FREIGHT TERMS	
STATE CONTRACT 269194				FREE FREIGHT	
Qty	Part Number	Description	List Price	Unit Price	Ext. Price
1	ES100C	SPKR,EMERG, 100W,PLASTIC,	\$419.00	\$230.45	\$230.45

\$230.45

Tax: \$0.00

All prices in USD

Additional Notes:

THIS QUOTE IS BASED ON A 45% OFF LIST PRICE DISCOUNT

FEDERAL SIGNAL RESERVES THE RIGHT TO INCREASE THE ORDER PRICE SET FORTH IN THIS PROPOSAL SUMMARY AT ANY TIME BEFORE DELIVERY TO BUYER TO REFLECT ANY INCREASE IN FEDERAL SIGNAL'S COSTS TO MANUFACTURE OR DELIVER THE ORDERED PRODUCT DUE TO ANY FACTOR BEYOND THE REASONABLE CONTROL OF FEDERAL SIGNAL.

THIS QUOTE OR CONTRACT IS SUBJECT TO AND GOVERNED BY SPECIFIC ADDITIONAL TERMS AND CONDITIONS WHICH ARE INCORPORATED HEREIN BY REFERENCE AND WHICH MAY BE FOUND AT:
WWW.FEDSIG.COM/TERMS-AND-CONDITIONS