

FUSION GPL

GENERATION PERFECTION LIGHTBAR

FUSION TOW 44" LIGHTBAR FN-0120



Equipment Dimensions ▲

pp. 03

Specifications ▲

pp.04

Wiring Diagram ▲

pp.04



Fenix Product Copyrights This price List and the mentioned Fenix products include or describe copyrighted Fenix material. Laws in the United States and other countries preserve for Fenix Industries and its licensors certain exclusive rights for copyrighted material, including the exclusive right to copy, reproduce in any form, distribute and make derivative works of the copyrighted material. Accordingly, any copyrighted material of Fenix and its licensors contained herein or in the Fenix products described in this Price List may not be copied, reproduced, distributed, merged or modified/transmitted, transcribed, stored in retrieval system or translated into any language or computer language, in any form or by any means, without prior written permission of Fenix Industries, Inc. Fenix and the stylized Fenix logo are registered in the U.S. Patent & Trademark Office.



SAFETY REGULATIONS & WARRANTY

Safety Regulations

The following provides all the information necessary to safely operate the previously listed products of Feniex Industries, Inc. Please read this manual thoroughly before installing or operating your new product in order to prevent any damage or injury. Failure to follow the listed instructions in this manual may result in damage to your products or personal injury.

- Proper installation of this product requires good knowledge of automotive systems, electronics and procedures.
- Please guarantee all vital components of the vehicle are not in danger of being damaged by drilling holes necessary for installation. Check all sides of the mounting surface before drilling any holes into the vehicle.
- Do not install this product in any way that interferes with the deployment of the air bag. Doing so may damage the effectiveness of the air bag and can lead to serious personal and vehicle injury. The installer will assume full responsibility of proper installation of the new unit.
- Please clean the mounting surface before installation of the unit when using tape, brackets, magnet, Velcro or suction cups.
- The product's ground wire must be connected directly to the Negative (-) battery post for effective use of the unit. Please follow all wiring guidelines provided to guarantee long lifespan and productivity. Failing to follow these instructions may result in damage to the product.

Warranty

Feniex Industries' speakers, sirens, rocker panels, AM600 Beacons, Torch Lights, AI lightbars, AI Cubes, AM900 Work Lights and controllers are warranted for 2 years from the manufacturing date. In addition, all other products are warranted for 5 years from the manufacturing date.

If a warranty problem occurs, please contact customer support at 1.800.615.8350 or visit the web site at www.Feniex.com. If the product needs to be returned for repair or replacement, call our customer support line to receive a return merchandise authorization number.

Operational times are from 10 a.m. to 5 p.m. central time, Monday through Friday. Please do not send in product without contacting support first for a RMA number.

Service After Expiration

Feniex Industries will still provide service for all products after expiration of the warranty. For any issues, call the customer support line. In some instances it may be necessary for the product to be shipped, freight prepaid and insured for loss or damage to Feniex headquarters.

Warning! Utilizing non-factory screws and mounting brackets may result in loss of warranty coverage.

Copyright

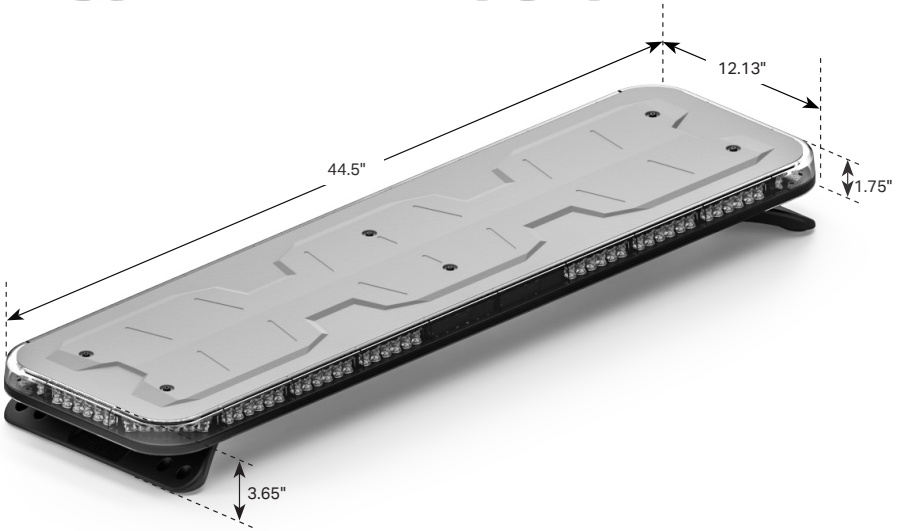
This instruction manual and the Feniex products described in this instruction manual may include or describe copyrighted Feniex material. Laws in the United States and other countries preserve for Feniex Industries and its licensors certain exclusive rights for copyrighted material, including the exclusive right to copy, reproduce in any form, distribute and make derivative works of the copyrighted material. Accordingly, any copyrighted material of Feniex and its licensors contained herein or in the Feniex products described in this instruction manual may not be copied, reproduced, distributed, merged or modified in any manner without the express written permission of Feniex Industries, Inc.

Feniex Product Copyrights

The products described in this document are the property of Feniex Industries, Inc. It is furnished by express license agreement only and may be used only in accordance with the terms of such an agreement. Products and documentation are copyrighted materials. Making unauthorized copies is prohibited by law. No part of the product or documentation may be reproduced, transmitted, transcribed, stored in retrieval system or translated into any language or computer language, in any form or by any means, without prior permission from Feniex Industries, Inc.

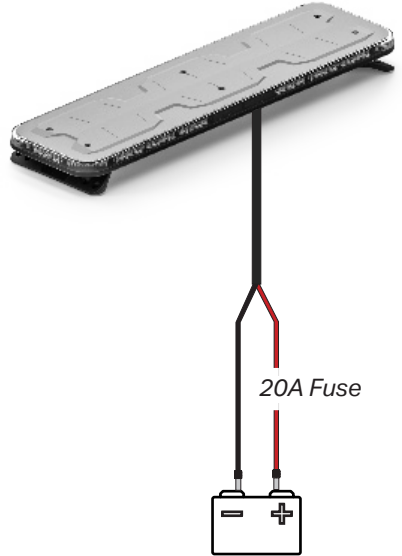


EQUIPMENT DIMENSIONS



SPECIFICATIONS

Warranty	5 years
Voltage	10-18 Volts DC
Current Draw	15 Amps
Input Power	12 VDC
External Fuse	125% of Circuit Load
SAE Certificate	Class 1, J595, CT13, J1113-11
Colors	Amber, Blue, White





▲ WIRING DIAGRAM

■ Black	Ground	12V-	Connect to vehicle's <i>negative</i> battery post
■ Red	Positive	12V+	Connect to vehicle's <i>positive</i> battery post
■ Brown	Mode 1	12V+	Mode 1 activation (all positions)
■ Green	Mode 2	12V+	Mode 2 activation (all positions, <i>overrides mode 1</i>)
■ Yellow	Work Light/Pattern	12V+	Programmable, <i>work light</i> activation or <i>pattern changer</i>
□ White	Tail Lights	12V+	Activates <i>tail light</i> function (if equipped)
■ Blue	Left Brake Light	12V+	Activates <i>left brake/turn function</i> (if equipped)
■ Gray	Right Brake Light	12V+	Activates <i>right brake/turn function</i> (if equipped)

▲ FLASH PATTERNS

⚠ ATTENTION:

All user supplied wires connecting to 12v (+) or 12v (-) must be sized to supply 100% of the maximum current and properly fused at the power source with a fuse rated at 125% of the total circuit load.

Avoid routing wires in the deployment area of the vehicle air bag or any other potentially hazardous locations.

1	Cluster Pattern
2	Attack Pattern
3	Half-Half [Slow]
4	Half-Half [Fast]
5	All-On [Slow]
6	All-On [Fast]
7	Alternating Half-Half [Slow]
8	Alternating Half-Half [Fast]
9	Cruise Corners
10	Cruise All Steady On
11	Quad Half-Half
12	Quad Inside-Outside

▲ WIRING INFORMATION & FUNCTIONS

POWER CABLE WIRING

1. Install a customer supplied fuse rated for 125% of the circuit load to the end of the red wire. Do not use a circuit breaker or fusible link.

2. Connect the opposite end of the fuse to the 12v+ terminal of the battery. Do not use more than 1 foot of wire between the fuse and the battery terminal to ensure appropriate protection.

3. Connect the black wire to the vehicle chassis ground.

4. Connect the function wires to switches, depending on the functions needed for applications (See page 6 for wiring diagrams).

 Black	Ground	12V-	Connect to vehicle's negative battery post
 Red	Positive	12V+	Connect to vehicle's positive battery post

WARNING MODES

Activate the warning modes by extending the Brown wire to a 12v+ latching switch to activate mode 1. To activate mode 2, extend the Green wire to a 12v+ latching switch. Mode 2 will override Mode 1.

 Brown	Mode 1	12V+	Mode 1 activation (all positions)
 Green	Mode 2	12V+	Mode 2 activation (all positions, <i>overrides mode 1</i>)

CHANGING FLASH PATTERNS

To change flash patterns, tap the yellow wire to a 12v+. Flash patterns are listed on page 4.

 Yellow	Work Light/Pattern	12V+	Programmable, <i>work light</i> activation or <i>pattern changer</i>
--	--------------------	------	--

ATTENTION:

Takedown & alley functionality must be specified at time of order. Modules in takedown and/or alley positions will only function as such, or flashing takedown/alley. No warning patterns will be displayed in takedown or alley positions.