

09

WARNING AND HAZARD

***GYROPHARES ET FEUX
D'AVERTISSEMENT***

***LÁMPARAS DE ADVERTENCIA
Y PRECAUCIÓN***



LED BEACONS, CLASS I, TALL DOME

S-Link™ System* synchronizing capabilities with up to six other units. Allows for synchronization with other S-Link™ compatible products • Heavy-duty spun aluminum base with plastic base insert • 12 different selectable flash patterns in either of two phases, plus steady-on • High-Low power available on single color beacons & ability to isolate colors on dual color models • Available in dual color flash patterns

- 78010** LED Amber/Blue Beacon w/ Clear Dome
- 78011** LED Clear Beacon w/ Clear Dome
- 78013** LED Amber Beacon w/ Clear Dome
- 78015** LED Blue Beacon w/ Clear Dome
- 79070** LED Amber/Green Beacon w/Clear Dome

MULTI
MULTI
MULTI
MULTI
MULTI

Material: Polycarbonate / Aluminum Base

Standards: SAE J845™ Class I (78010, 78011, 78013); Class II (78015); Not SAE Approved (79070)

Volts / Amps: 12–24V / 0.6A at 12V

Lens: Internal Clear Lens 98251, Internal Amber Lens 98253, Internal Blue Lens 98255, External Clear Lens 98271

VMRS Code: 034-006-056



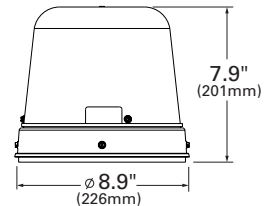
78013



78010



78015



LED BEACONS, CLASS I, TALL DOME

S-Link™ System* synchronizing capabilities with up to six other units. Allows for synchronization with other S-Link™ compatible products • Heavy-duty spun aluminum base with plastic base insert • 12 different selectable flash patterns in either of two phases, plus steady-on • Universal mounting: permanent mount, 1" pipe mount • Available in non-rotating single color operation only

- 79071** LED Clear Beacon w/Clear Dome
- 79073** LED Amber Beacon w/Clear Dome
- 79075** LED Blue Beacon w/Clear Dome
- 79074** LED Green Beacon w/Clear Dome

MULTI
MULTI
MULTI
MULTI

Standards: SAE J845™ Class I (79071, 79073); Class II (79075); Not SAE approved (79074)

Volts / Amps: 12–24V / 0.6A at 12V, 0.3A at 24V

Lens: Internal clear lens 98251, Internal Amber Lens 98253, Internal blue lens 98255, External Clear Lens 98271

VMRS Code: 034-006-056

CLASSES I, II, & III – WHICH TO USE WHERE

CLASS I OPTICAL WARNING DEVICES

Primary optical warning devices for use on authorized emergency vehicles responding to emergency situations. These devices are used to capture the attention of motorists and pedestrians and warn of a potentially hazardous activity or situation.

Typical Usage

Fire, Police, Ambulance and Rescue vehicles – authorized vehicles that travel faster than the speed of traffic

CLASS II OPTICAL WARNING DEVICES

Primary optical warning devices for use on authorized maintenance or service vehicles to warn of traffic hazards such as a lane blockage or slow-moving vehicle.

Typical Usage

Utility, roadside assist vehicles, construction vehicles – Over-the-road vehicles traveling at the speed of traffic or stopped at the side of the road

CLASS III OPTICAL WARNING DEVICES

Primary optical warning devices for use on vehicles authorized to display an optical warning device for identification only.

Typical Usage

Forklifts, yard work machines

S-LINK™ TECHNOLOGY

S-Link™ System is a proprietary technology that will allow similar S-Link™ products to be synchronized. This allows for a user to define the flash patterns on multiple devices for a customized, tailored look on a vehicle. Note: Only S-Link™ compatible products can be synchronized to. Refer to user installation manuals for details on S-Link™ synchronization.

LED



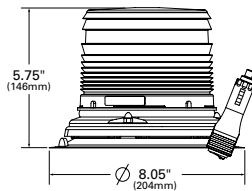
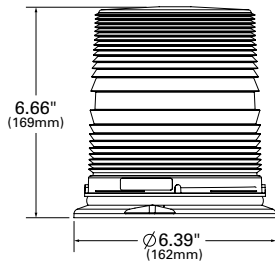
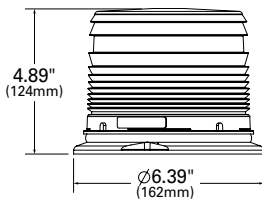
78053



78031



78045

**LED BEACON, CLASS I**

12 different selectable flash patterns in either of two phases, plus steady-on

- Circuit board is conformal coated to protect circuitry
- S-Link™ System* synchronizing capabilities with up to six other units Allows for synchronization with other S-Link™ compatible products

78030	LED Beacon Amber LED Clear Short Dome	MULTI
78031	LED Beacon Clear Short Dome	MULTI
78032	LED Beacon Red Short Dome	MULTI
78033	LED Beacon Amber Short Dome	MULTI
78034	LED Beacon Green Short Dome	MULTI
78035	LED Beacon Blue Short Dome	MULTI
78050	LED Beacon Amber LED Clear Tall Dome	MULTI
78051	LED Beacon Clear Tall Dome	MULTI
78052	LED Beacon Red Tall Dome	MULTI
78053	LED Beacon Amber Tall Dome	MULTI
78054	LED Beacon Green Tall Dome	MULTI
78055	LED Beacon Blue Tall Dome	MULTI

MAGNET MOUNT WITH AUXILIARY ADAPTER:

78041	LED Beacon Clear Vac-Mount
78043	LED Beacon Amber Vac-Mount
78045	LED Beacon Blue Vac-Mount

Material: Polycarbonate

Standards: SAE J845™ Class I (78031, 78033, 78041, 78043, 78051, 78053)
Class II (78032, 78035, 78045, 78052, 78055)
Not SAE approved (78034, 78054)

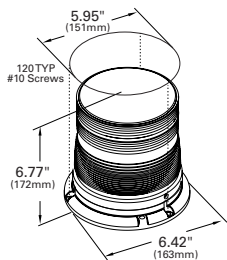
Volts/Amps: 12–24V, 0.5A at 12V

Accessory: 6" Branch Guard 98460, 4" Branch Guard 98470

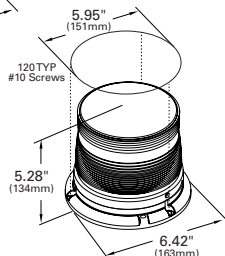
Lens: 98171, 98173, 98175, 98171, 98221, 98223, 98225, 98174, 98224

VMRS Code: 034-006-056

LED



76253

**LED BEACON, CLASS I**

Class I LED beacon is designed to provide optimal lighting for all application

- needs
- Available in low- or high-dome options and 12-volt or 24-volt models
- LED technology benefits also include low power draw and reduced on-going maintenance costs and downtime
- Permanent mount

76253	LED Beacon Amber Short Dome	24 VOLT
76263	LED Beacon Amber Short Dome	24 VOLT
77953	LED Beacon Amber Tall Dome	24 VOLT
77963	LED Beacon Amber Tall Dome	24 VOLT

Material: Polycarbonate

Standards: SAE J845™ Class I

Volts / Amps: 12V / .5A, 1A max,
24V / .2A, .5A max

VMRS Code: 034-006-056

ROTOLED™ LED HYBRID BEACON, CLASS I

High-intensity LEDs in a rotating warning device with no gears, brushes or bulbs to wear out • Eight 3-watt LEDs with TIR optics produce an exceptionally bright warning device • Temperature range: -22°F to +122°F (-30°C to +50°C) • Polycarbonate lens with UV hard coating – reduces cracking/hazing/fading

- 76683** LED Rotating Beacon Amber Tall Dome **MULTI**
76685 LED Rotating Beacon Blue Tall Dome **MULTI**

Material: Polycarbonate

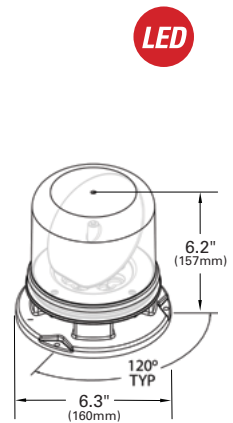
Standards: SAE J845™ Class I (Amber); Class II (Blue)

Volts / Amps: 12–24V / 1.7A

VMRS Code: 034-006-056



76683



LED DUAL COLOR BEACONS, CLASS I

S-Link™ System* synchronizing capabilities with up to six other units Allows for synchronization with other S-Link™ compatible products • Change color selection with the flip of a switch • Circuit boards are conformal coated to protect circuitry • 3-hole permanent mount, 1" pipe mount

- 78070** LED Beacon Amber/Green Short Lens **MULTI**
78071 LED Beacon Amber/Clear Short Dome **MULTI**
78075 LED Beacon Amber/Blue Short Dome **MULTI**
78080 LED Beacon Amber/Green Tall Lens **MULTI**
78081 LED Beacon Amber/Clear Tall Dome **MULTI**
78085 LED Beacon Amber/Blue Tall Dome **MULTI**

Material: Polycarbonate

Standards: SAE J845™ Class I
 not SAE approved (78080, 78070)

Volts / Amps: 12–24V / 0.6A at 12V

Accessory: 4" Branch Guard 98470; 6" Branch Guard 98460

Lens: 98171, 98221

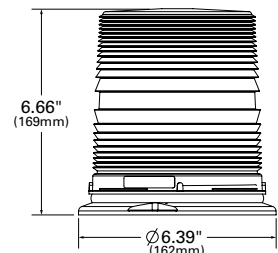
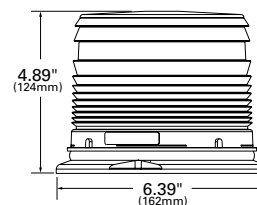
VMRS Code: 034-006-056



78075



78081



LED COMPACT BEACON, CLASS I

12 different selectable flash patterns plus steady-on • Permanent mount base with 1/2" pipe mount • SAE Class I beacon in a compact design

- 79093** LED Beacon, Amber, Compact Base 12–24V **MULTI**
98513 7909 Amber Replacement Lens

Material: Polycarbonate

Standards: SAE J845™ Class I

Volts / Amps: 12–24V / 0.5A at 12V

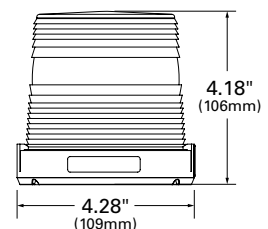
Lens: 98513

Bracket: 93604 - 1/2" Mirror Mounting Bracket

VMRS Code: 034-006-056



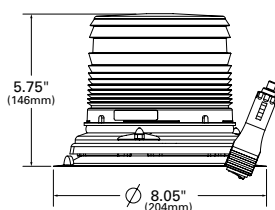
79093



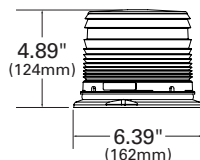
LED



78863



78853

**LED BEACONS, CLASS II, SHORT DOME**

26 customer-selectable flash patterns, plus steady-on • Circuit board is conformal coated to protect circuitry • Permanent mount – Durable, lightweight polycarbonate base, flange 3-hole permanent mount, 1" pipe mount.
• Vac-mount and Magnet Mount, durable, lightweight polycarbonate base, vacuum magnet mount with aux. Plug (on/off and pattern select switch)

- 78851** LED Beacon Clear Short Dome
78853 LED Beacon Amber Short Dome
78855 LED Beacon Blue Short Dome

MULTI
MULTI
MULTI

MAGNET MOUNT WITH AUXILIARY ADAPTER:

- 78861** LED Beacon Clear Vac-Mount
78863 LED Beacon Amber Vac-Mount
78865 LED Beacon Blue Vac-Mount

Material: Polycarbonate

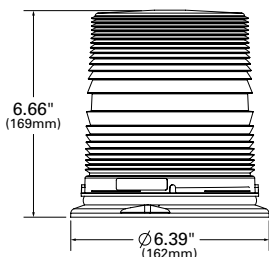
Standards: SAE J845™ Class II (78851, 78853, 78861, 78863);
Class III (78855, 78865)

Volts / Amps: 78851: 12–24V / 0.35A at 12V; 12V / 0.35A

Lens: 98221, 98223, 98225

VMRS Code: 034-006-056

LED



78063

LED BEACONS, CLASS II, TALL DOME

26 customer-selectable flash patterns, plus steady-on • Circuit board is conformal coated to protect circuitry • Durable, lightweight polycarbonate base, flange 3-hole permanent mount, 1" pipe mount

- 78061** LED Beacon Clear Tall Dome, Clear
78063 LED Beacon Amber Tall Dome, Amber
78065 LED Beacon Blue Tall Dome, Blue

MULTI
MULTI
MULTI

Material: Polycarbonate

Standards: SAE J845™ Class II

Volts / Amps: 12–24V / 0.35A at 12V

Accessory: 6" Branch Guard 98460

Lens: 98171, 98173, 98175

VMRS Code: 034-006-056

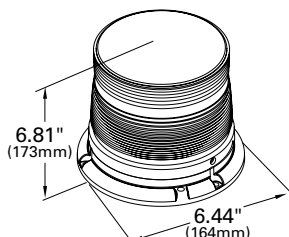
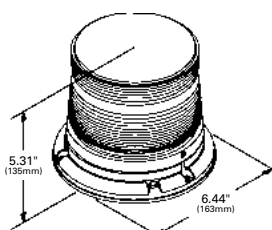
LED



77813



77833

**LED BEACON, CLASS II**

Rated life of LED strobes is up to 50 times longer than standard strobes

• SignalAlert provides greater visibility by creating a varied flash pattern vs. standard strobes with a consistent flash pattern • LED beacon design internally houses the flash control, eliminating the need for an external power supply or ballast • Scan-Lock™ flash pattern allows the user to manually select from 14 permanent flash patterns

- 77813** LED Beacon Amber Short Dome
77833 LED Beacon Amber Tall Dome

MAGNET MOUNT WITH AUXILIARY ADAPTER:

- 77823** LED Beacon Amber Short Dome
77843 LED Beacon Amber Tall Dome

Material: Polycarbonate

Standards: SAE J845™ Class II

Volts / Amps: 12V / .65A max

VMRS Code: 034-006-056

LED DIN MOUNT BEACONS, CLASS II

Lightweight and durable polycarbonate base with flexible DIN mount

- Modular circuit completely encapsulated for increased shock/weather resistance
- Quad flash pattern

78122	Red DIN Mount Beacon
78123	Amber DIN Mount Beacon
78125	Blue DIN Mount Beacon

MULTI
MULTI
MULTI

Material: Polycarbonate

Standards: SAE J845™ Class II (Amber, Blue); Class III (Red);

Volts / Amps: 12–24V / 0.4A at 12V

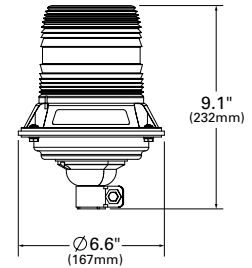
Mounting Stem: 43665

VMRS Code: 034-006-056



78123

LED



LED BEACONS, CLASS III

Circuit board is conformal coated to protect circuitry

- Easy "Twist-off" lens for ease of replacement
- Lightweight, durable polycarbonate base

78091	LED White Compact Perm Mount
78092	LED Red Compact Perm Mount
78093	LED Amber Compact Perm Mount
78094	LED Green Compact Perm Mount
78095	LED Blue Compact Perm Mount

MULTI
MULTI
MULTI
MULTI
MULTI

MAGNET MOUNT WITH AUXILIARY ADAPTER:

78101	LED White Compact Mag Mount
78102	LED Red Compact Mag Mount
78103	LED Amber Compact Mag Mount
78104	LED Green Compact Mag Mount
78105	LED Blue Compact Mag Mount

Material: Polycarbonate

Standards: SAE J845™ Class III (Amber Only)

Volts / Amps: 12–72V / 0.17A at 12V

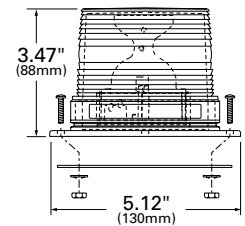
Lens: 98283, 98284, 98285, 98281, 98282

VMRS Code: 034-006-056

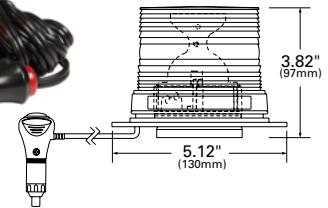


78093

LED



78103



MIGHTY MINI LED BEACON, CLASS III

Rated life of LED strobes is up to 100 times longer than standard strobes

- SignalAlert provides greater visibility by creating a varied flash pattern (vs. standard strobes with a consistent flash pattern)
- Exclusive side-emitting LED technology rivals standard strobe intensity with a single super LED diode
- LED beacon design internally houses the flash control, eliminating the need for an external power supply or ballast
- 90 flashes per minute

77473	LED Amber Compact Perm Mount
--------------	------------------------------

MAGNET MOUNT WITH AUXILIARY ADAPTER:

77483	LED Amber Compact Mag Mount
--------------	-----------------------------

Standards: SAE J845™ Class III

Material: Polycarbonate

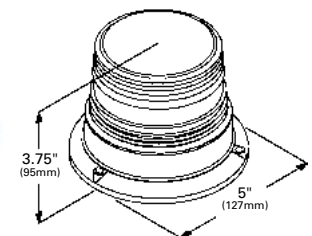
Volts / Amps: 12V / .15A

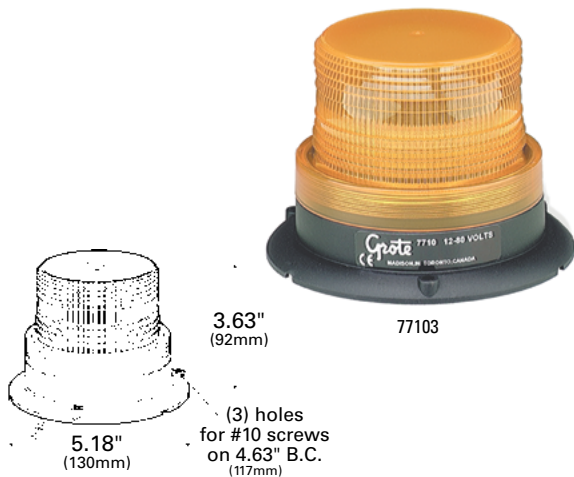
VMRS Code: 034-001-021



77473

LED





MIGHTY MINI STROBE

Rugged fiberglass-filled nylon base and polycarbonate lens • Wide voltage operating range • Field-replaceable lens and flash tube • Thread-on lens • 80 flashes per minute; 1.5 joules • Reverse polarity and voltage spike protected

SINGLE FLASH, PERMANENT MOUNT:

77101	White	
77102	Red	
77103	Amber	
77105	Blue	

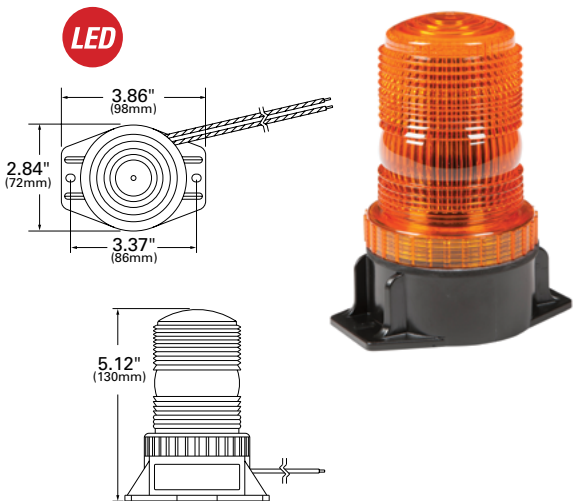
Material: ABS / Polycarbonate

Volts / Amps: 11–80V / .25A at 12V

Accessory: Flash Tube: 92980

Lens: Amber 92033, 92031, 92032, 92035

VMRS Code: 034-001-063



LED MATERIAL HANDLING BEACON, CLASS III

Compact and powerful LED light output • Easy twist-off lens for ease of replacement • Available flash patterns: single, double and quad • Rated life of LED strobes is up to 50 times longer than standard strobes.

78113 LED Amber Material Handling Beacon

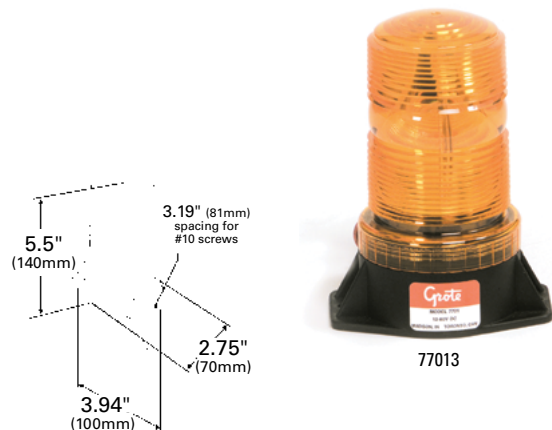
Material: Polycarbonate

Standards: SAE J845™ Class III

Volts / Amps: 12–72V / 0.17A at 12V

Lens: 98293

VMRS Code: 034-001-063



MATERIAL HANDLING STROBE

Electronics sealed in epoxy to protect against dust, moisture and vibration

- Thread-on lens for easy maintenance • Field-replaceable flash tube
- 80 flashes per minute (single flash) • 2 joules per flash

77012 Red Material Handling Beacon

77013 Amber Material Handling Beacon

Material: Nylon / Polycarbonate

Volts / Amps: 12–110V / .6A at 12V

Accessory: Flash Tube: 92960

VMRS Code: 034-001-063

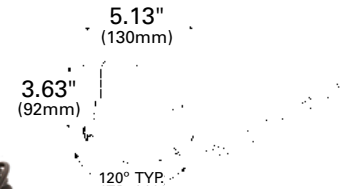
ECONOMY MATERIAL HANDLING STROBE

Thread-on lens for easy maintenance • Polycarbonate lens and fiberglass-filled nylon base • Reverse polarity and voltage spike protected • 45 lbs. pull magnet for temporary mounting with 12' adapter plug • 1.5 joules per flash, 70 flashes per minute (single flash) • Replaceable flash tube • Removable 1/2 hood included

77203 Amber Compact Mag Mount

MULTI

Material: Polycarbonate
Volts / Amps: 12–80V / .3A at 12V
Accessory: Flash Tube: 92980
Lens: Amber 92033
VMRS Code: 034-001-063



360° PORTABLE BATTERY OPERATED LED WARNING LIGHT

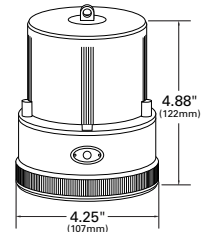
24 ultra-bright LEDs help conserve battery life • 300–400 hours of operation on 2 D batteries (not included) • 60 triple flashes per minute • Strong magnet base holds lamp in place on a metal surface • Photocell adjust intensity for low-light situation

77912 Red
77913 Amber

Material: Nylon / Polycarbonate
VMRS Code: 034-001-021



LED



DIRECTIONAL, PORTABLE, BATTERY-OPERATED LED WARNING LIGHT

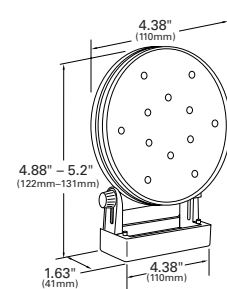
Push-button operation • 72 hours of operation on 2 AA batteries (not included) • Includes a magnetic base and is adjustable 180° • Additional reflective lens as added safety feature • 3 user-selectable flash patterns

77923 Amber

Material: Nylon / Polycarbonate
VMRS Code: 034-001-021



LED

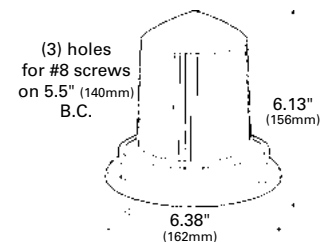


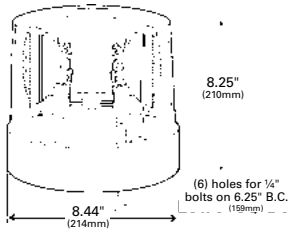
ECONOMY 360° FLASHING AUXILIARY WARNING LAMP KIT

For use when maximum warning is not required • Bright chrome-plated steel weather-proof base • 60–90 flashes per minute • Flasher can be bypassed for steady burn

76083 Amber

Material: Steel / Acrylic
Bulb: #1295, 50 CP
Volts / Amps: 12V / 3A
Lens: 90353
VMRS Code: 034-001-021





TWO SEALED-BEAM ROTO-BEACON, CLASS I

Clutched gear box is sealed and permanently lubricated • Revolves 360°, 60–120 flashes per minute

76223 Amber

Material: Stainless Steel / Aluminum / Acrylic / Polycarbonate

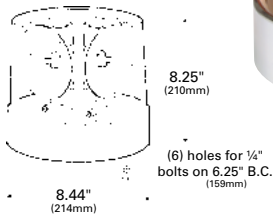
Bulb: 7400 SB, 33,000 CP

Standards: SAE J845™ Class I

Volts / Amps: 12V / 5.9A

Lens: 90373

VMRS Code: 034-006-056



COMPACT FOUR SEALED-BEAM ROTO-BEACON, CLASS I

Clutched gear box design and “suitcase” latch design • Permanently lubricated sealed gear box • Revolves 360°, 60-120 flashes per minute

76203 Amber

Material: Stainless Steel / Aluminum / Acrylic / Polycarbonate

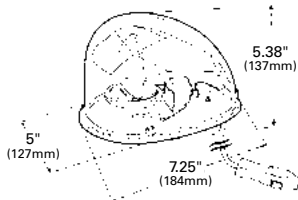
Standards: SAE J845™

Bulb: 7400 SB, 33,000 CP

Volts / Amps: 12V / 11.7A

Lens: 90373

VMRS Code: 034-006-056



TEARDROP “KOJAK” LIGHT

Low-power consumption light • Auxiliary power plug with coiled cord • Magnetic mount

76033 Amber **RETAIL**

Material: Acrylic

Bulb: 67, 4 CP

Volts / Amps: 12V / 1.64A

VMRS Code: 034-001-021

LED MINI LIGHT BARS, CLASS I

S-Link™ System* synchronizing capabilities with up to six other units

- Allows for synchronization with other S-Link™ compatible products (Magnet Mount not S-Link™ compatible)
- Low profile reduces drag and friction
- 20 customer selectable flash patterns via external pattern select wire

78020	LED Amber/Blue Minibar w/ Clear Lens	MULTI
78023	LED Amber Minibar	MULTI
78024	LED Green Minibar	MULTI
78025	LED Blue Minibar	MULTI
79053	LED Amber Minibar w/ Clear Lens	MULTI

MAGNET MOUNT WITH AUXILIARY ADAPTER:

78130	LED Amber/Blue Minibar Vac-Mount
78133	LED Amber Minibar Vac-Mount
78135	LED Blue Minibar Vac-Mount
78443	LED Amber Minibar Mag-Mount
79060	LED Amber Minibar w/ Clear Lens

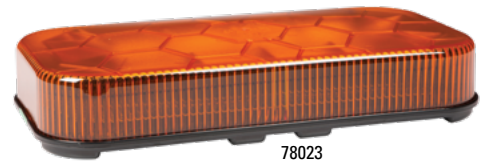
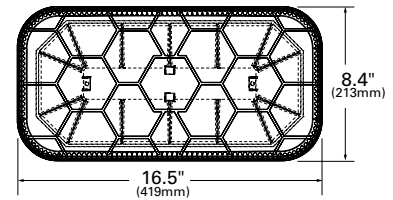
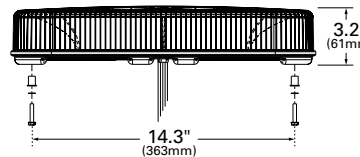
Material: Polycarbonate

Standards: SAE J845™ Class I;
not SAE approved (78024)

Volts / Amps: 12-24V / 2.3A at 12V

Lens: 98311, 98313, 98314, 98315

VMRS Code: 034-001-021



78023



78130

LED

AMBER TOW BARS, CLASS I

Built in stop/tail/turn functionality with rear-facing work lights (select models)

- Ability to isolate extra bright front and rear amber LED modules with separate enable wires
- 12 customer selectable flash patterns
- Low profile design at 2 1/2" high
- Includes simple bracket for permanent mounting or optional gutter kits are available for various makes and models of vehicles.

79153	58" Amber Towbar with S/T/T and Worklights
79143	51" Amber Towbar with S/T/T and Worklights
79133	51" Amber Towbar

Material: Aluminum base - Polycarbonate Lens

Standards: SAE J845™ Class I

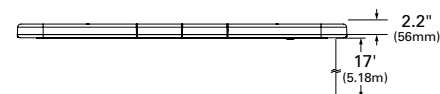
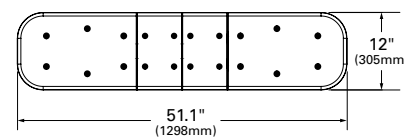
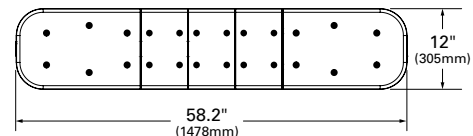
Volts / Amps: 12V

Accessories: 98542 - Tow Bar Bracket for Spotlight, 98532 - Optional Roof Mount Bracket, 42400 - 4.6" Flex Gutter Kit, 42410 - 6.2" Flex Gutter Kit, 42420 - 8.4" Flex Gutter Kit

VMRS Code: 034-001-021



79153



LED

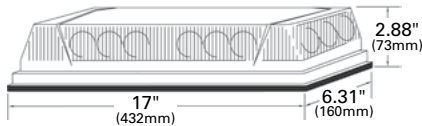
LED



76983



76990



17" LOW-PROFILE LED MINI LIGHTBAR, CLASS I/II

Low profile provides high performance characteristics of LED lighting in a small size • 6 internal LED modules provide 360° light output • Built-in electronic flasher with 46 Scan-Lock™ flash patterns (30 for 76770, 76983, 76993) plus 4 simulated rotating patterns (permanent-mount version only) • Permanent mount includes 6" pigtail; magnetic mount includes 8' straight cord with accessory plug that includes LED indicator switch • Permanent mount on 14 1/16" x 3 7/16" hole centers • Mounting hardware and instructions included

PERMANENT MOUNT:

76983	Amber
76770	Amber/Blue, Clear Lens, Dual Function
76943	Amber, Clear Lens
76980	Amber/White Split LEDs / Clear Lens
76985	Blue

MAGNET MOUNT WITH AUXILIARY ADAPTER:

76990	Amber/White Split LEDs / Clear Lens
76993	Amber
76953	Amber, Clear Lens

Material: Polycarbonate

Standards: SAE J845 Class I (Amber); Class: II (Blue)

Volts / Amps: 12V / 3A peak / 1.2A avg

Lens: 99213

VMRS Code: 034-001-021

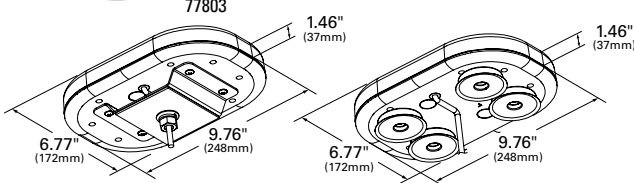
LED



77223



77803



COMPACT MINI BAR ULTRA-LOW PROFILE, CLASS I

22 customer-selectable flash patterns via external pattern select wire on permanent models • Ultra-low profile reduces drag and friction • Magnetic mounted products come complete with an auxiliary power plug for on/off function and 22 user selectable flash patterns • Can be used in various applications such as pick-up trucks, cars or heavy duty vehicles.

77223	Single-Bolt Mount Bracket
77803	Magnet Mount

MULTI
MULTI

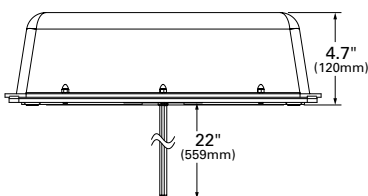
Material: Polycarbonate

Standards: SAE J845 Class I

Volts / Amps: 12-24V / 2.0A at 12V

VMRS Code: 034-001-021

LED



LED MINI STROBE LIGHT BARS, CLASS II

17 selectable flash patterns in either of two phases, or steady-on • Full gasket protects lamp internal components from dirt, grime and other contaminants

79043	LED Amber Dual Strobe Minibar
--------------	-------------------------------

MULTI

Material: Polycarbonate

Standards: SAE J845™ Class II

Volts / Amps: 12-24V / 0.8A at 12V

Lens: 98373, 98383

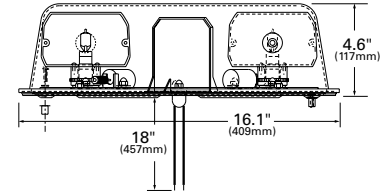
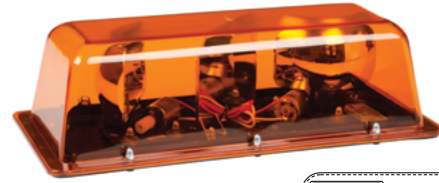
VMRS Code: 034-001-021

INCANDESCENT MINI LIGHT BARS, CLASS I

Gasket between lens and base for increased protection of internal components • Durable polycarbonate plastic base

78513 Amber Dual Rotator Minibar, Amber

Material: Polycarbonate
Standards: SAE J845™ Class I
Volts / Amps: 12V / 8A at 12V
Lens: 98373, 98383
VMRS Code: 034-001-021



LED DIRECTIONAL WARNING LIGHTS, CLASS I/II

S-Link™ system synchronizing capabilities with up to six other units
 • Allows for synchronization with other S-Link™ compatible products • Ultra low profile; single and split color models • Robust design, die-cast aluminum base
 • 12 different selectable flash patterns in either of two phases, plus steady-on

6-DIODE

78140	LED Amber/Green Directional	MULTI
78141	LED Clear Directional	MULTI
78142	LED Red Directional	MULTI
78143	LED Amber Directional	MULTI
78144	LED Green Directional	MULTI
78145	LED Blue Directional	MULTI
78146	LED Amber/Blue Directional	MULTI
78460	LED Amber/Clear Directional	MULTI
78460-5	LED Amber/Clear Directional	MULTI RETAIL
79080	LED Red/White Directional	MULTI

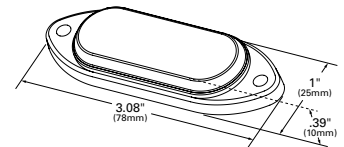
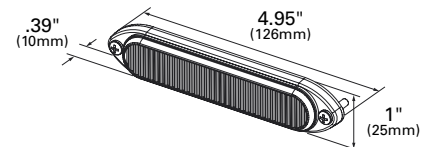
3-DIODE

78161	LED Clear Directional
78162	LED Red Directional
78163	LED Amber Directional
78163-1	Display pack (4 LED Amber 78163)
78164	LED Green Directional
78165	LED Blue Directional

Material: Die-cast Aluminum Base
Standards: SAE: J595™ Class I - 78141, 78142, 78143, 78145; Class II - 78146, 78460
Volts / Amps: 12-24V / 0.55A at 12V (78140, 78141, 78142, 78143, 78144, 78145, 78146, 78460); 12V / 0.3A at 12V (78161, 78162, 78163, 78164, 78165)
Accessory: (6-diode only) Chrome Bezel 98390, White Bezel 98400, License Bracket 98350, L Bracket 98360
VMRS Code: 034-001-021



LED



LED 6-DIODE TRI-COLOR DIRECTIONAL WARNING LIGHTS, CLASS I

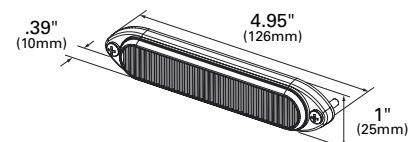
18 different selectable flash patterns in either of two phases
 • 3 independent power wires give you the ability to control each color and pattern independently • Ultra-low-profile can be mounted to almost any flat surface • S-Link™ system synchronizing capabilities allows for synchronization with other S-Link™ compatible products.

79100	LED Amber/Blue/White Directional	MULTI
79110	LED Amber/Green/White Directional	MULTI
79120	LED Amber/Red/White Directional	MULTI

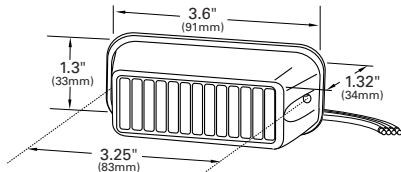
Material: Die-cast Aluminum Base
Standards: SAE J595™ Class I (Amber, Blue, Red and White colors only)
Volts / Amps: 12-24V / 0.8A at 12V
VMRS Code: 034-001-021



LED



LED

**LED DIRECTIONAL WARNING LAMP, CLASS I**

Versatile LED directional warning light can be synchronized with up to 8 interconnected modules and 25 different built-in flash patterns

- Fully encapsulated, sturdy polycarbonate construction coupled with a dependable gasket design ensures superb moisture and vibration resistance
- Self-contained high intensity, wide-angle LED module
- Horizontal/surface mount only

77461	Clear
77462	Red
77463	Amber
77465	Blue

Standards: SAE J845™ Class I

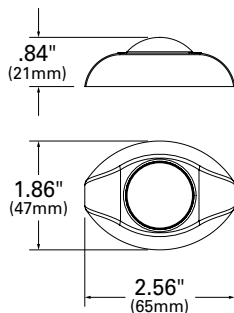
Material: Polycarbonate / Aluminum

Standards: SAE J595™ and J845™

Volts / Amps: 12V / .16A

VMRS Code: 034-001-021

LED

**LED DIRECTIONAL WARNING LAMPS**

S-Link™ system synchronizing capabilities with up to six other units

- Allows for synchronization with other S-Link™ compatible products
- Ultra low profile; Single and split color models
- Robust design, die cast aluminum base
- 12 different selectable flash patterns in either of two phases, plus steady-on

79033 Mini LED Amber W/Bezel

79033-5 Mini LED Amber W/Bezel

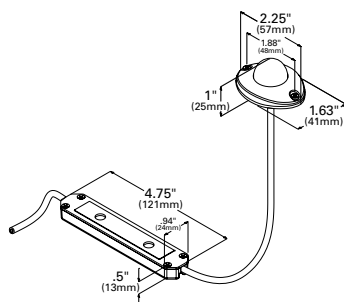
MULTI
MULTI RETAIL

Material: Die-cast Aluminum Base

Volts / Amps: 12–24V / 0.6A at 12V

VMRS Code: 034-001-021

LED



97942 Flange



97943 Flange

LED VERTEX HIDEAWAY WARNING LAMP, CLASS V

Ultra-small, self-contained, hemispheric LED light for surface or internal mount within composite headlight, cornering lights and tail light assemblies.

- Flange kit options (in black or chrome) allow easy surface mounting anywhere on your vehicle.
- 25 Scan-Lock™ flash patterns include a synchronize feature for alternating and synchronous flashing of multiple lamps.
- Simple installation; no separate lamp drivers, flashers, ballast or power supplies
- 9-ft. cable length

77931 Clear

77932 Red

77933 Amber

Material: Polycarbonate / Aluminum

Standards: SAE J1113-41™ Class 5

Volts: 10–16V / .75A at 12V

Bracket: Black 97943, Chrome 97942

VMRS Code: 034-001-021

AUXILIARY LED WARNING LAMP, CLASS I

4 high-power LEDs with 19 flash patterns • Synchronize option lets you connect multiple heads • Mount anywhere with adjustable bracket
• Compact unit with robust aluminum housing for all types of 12V–24V application

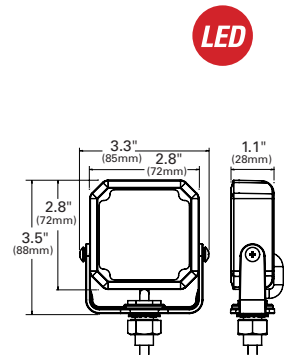
76792	Red	MULTI
76793	Amber	MULTI
76793-5	Amber	MULTI RETAIL
76795	Blue	MULTI

Material: Aluminum

Standards: SAE J595™ Class I

Volts / Amps: 11–30V / .055A at 12V, .026 at 24V

VMRS Code: 034-001-021



WING-TIP LED SNOWPLOW WARNING LAMP, CLASS I

LED strobe light modules with 11 light patterns • Water proof TPR cabling w/ built-in strain relief connectors • Encapsulated housing resists vibration, water, salt and chemicals • When both lamps are used the set provides complete coverage whether snowplow blade is down and in use or in the stored travel position

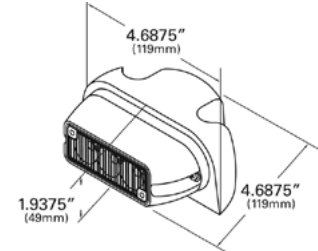
78563	Horizontal
78573	Vertical

Material: Die-Cast Aluminum

Standards: SAE J845™ Class I

Volts / Amps: 12V / .6A

VMRS Code: 034-001-021



LED WARNING LAMP IN RUBBER HOUSING

Durable rubber lamp housings • Versatile mounting (hardware included)
• Molded UBS .180 bullet terminals • Pre-wired for quad or dual flash

77193	Amber
-------	-------

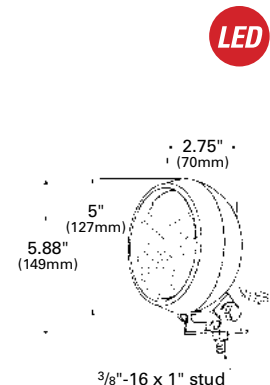
Material: Rubber / Polycarbonate / Acrylic

Standards: SAE J595™ Class II

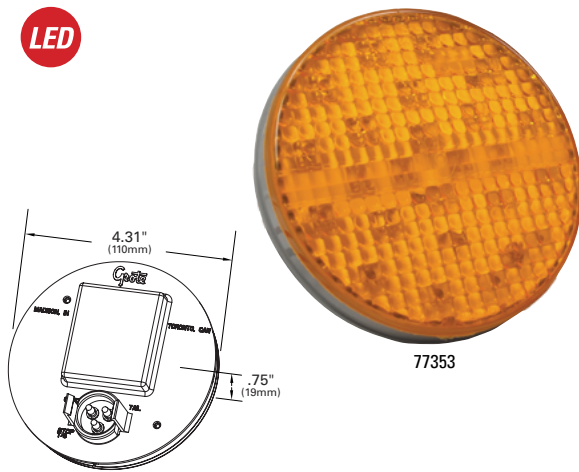
Volts / Amps: 12V / .25A

Accessory: Lamp: Red 77352, Amber 77353, Blue 77355, Clear 77351;
Housing 64930; Magnet Mount 43300

VMRS Code: 034-001-063



LED

**4" LED AUXILIARY WARNING LAMP, CLASS II/III**

Encapsulant potting offers maximum protection of the circuit board against dirt, moisture and corrosion • Internal circuitry eliminates the need for an external power supply or control module • Functions as either a dual flash strobe or a quad flash strobe • Lamps mount in any orientation • Grote's rugged Plug-and-Go® terminals make for a quick, easy connection every time

77351	White
77352	Red
77353	Amber
77355	Blue

Material: Polycarbonate / Acrylic**Standards:** SAE J595™ Class II (Red, Amber); Class III (Blue)**Volts / Amps:** 12V / .25A

Bracket: 43253, 92510, 92512, 92513, 43572, 43642, 43655; Grommet: 91740, 91950; Pigtail: 66815, 66841, 67002, 66842, 67013, 66816, 66845, 67005, 66823, 66830, 67016, 66846

VMRS Code: 034-001-021

LED

**OVAL LED AUXILIARY WARNING LAMPS, CLASS II/III**

Encapsulant potting offers maximum protection of the circuit board against dirt, moisture and corrosion • Internal circuitry eliminates the need for an external power supply or control module • Functions as either a dual-flash strobe or a quad-flash strobe • Lamps mount in any orientation • Grote's rugged Plug-and-Go® terminals ensure a quick, easy connections every time

77361	Clear
77362	Red
77363	Amber
77365	Blue

Material: ABS / Acrylic**Standards:** SAE J595™ Class II (Red, Amber) quad; Class III (Blue, Amber) dual**Volts / Amps:** 12V / .25A**Bracket:** 43362, 43952, 43220, 43223, 43222, 43100;**Grommet:** 92420, 92720**Pigtail:** 66815, 66841, 67002, 66842, 67013**VMRS Code:** 034-001-021

LED

**LED OVAL WARNING LAMP**

S-Link™ system synchronizing capabilities with up to six other units

- Allows for synchronization with other S-Link™ compatible products
- Grommet mount can be converted to surface mount with optional chrome or black bezels
- 12 different selectable flash patterns in either of 2 phases plus steady-on
- Only .69" thick

78190	LED 6" Oval Amber/Blue, Clear Lens	MULTI
78191	LED 6" Oval Clear, Clear Lens	MULTI
78193	LED 6" Oval Amber, Amber Lens	MULTI
78194	LED 6" Oval Green, Clear Lens	MULTI
78195	LED 6" Oval Blue, Clear Lens	MULTI

Material: Polycarbonate**Standards:** SAE J595™ Class I (78190, 78191, 78193, 78195); (Green not SAE approved)**Volts / Amps:** 12-24V / 0.3A at 12V**Accessory:** Black Bezel 98410, Chrome Bezel 98480**VMRS Code:** 034-001-021

LED TRAFFIC STICKS, CLASS I

34 customer-selectable warning flash patterns plus 5 phase options • Made from durable extruded aluminum — will not warp or bend • Front load for easy replacement of individual heads • 20" model comes with a 2' three-wire cable (power, ground, pattern select) • 30" & 40" models come with a 25' six-wire cable, (power, ground, program wire, left enable, right enable, warn enable, center-out = L + R) • 30" & 40" models come with a 25' six wire cable, (power, ground, program wire, left enable, right enable, warn enable, center-out = L + R)

- 78370** LED Amber 20" Warning Stick
78380 LED Amber 30" Traffic Director
78410 LED Amber 40" Traffic Director

Material: Black Anodized Aluminum

Standards: SAE J595™ Class I; Green not SAE approved

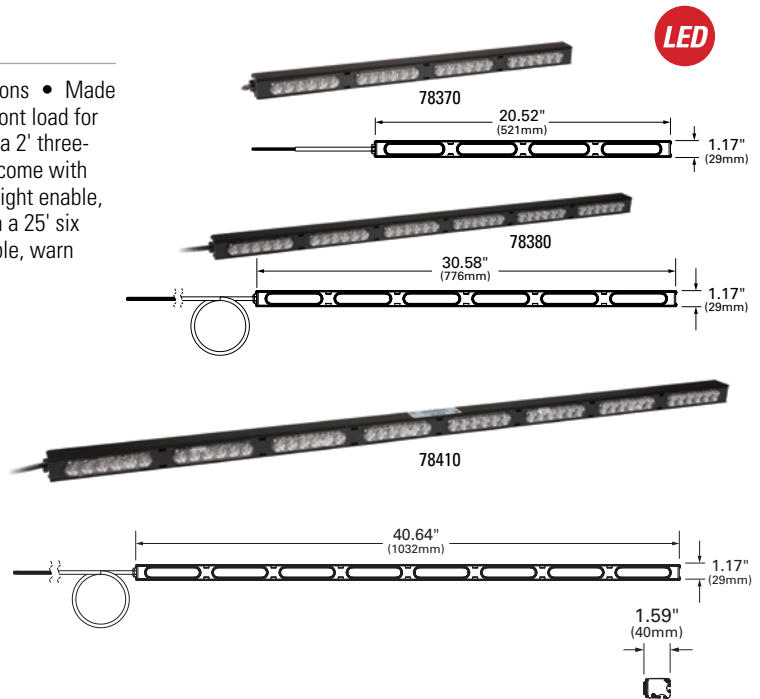
Volts / Amps: 12V / 2A (78370)

12V / 6A (78380)

12V / 8A (78410)

Accessory: Replacement Modules - Amber 98343, 98345
 Blue, 98341 White, 98342 Red, 98344 Green

VMRS Code: 034-001-021



LED TRAFFIC DIRECTORS & ARROW STICKS

Made from durable extruded aluminum — Traffic Directors will not warp or bend • Front load for easy replacement of individual heads • Ships complete with backlit control unit, attached quick-disconnect wire harness (15' standard), L-brackets, hardware, and instructions

- 78200** LED Amber Traffic Director
78210 Small LED Amber Traffic Arrow
78270 Large LED Amber Traffic Arrow

Material: Black Anodized Aluminum

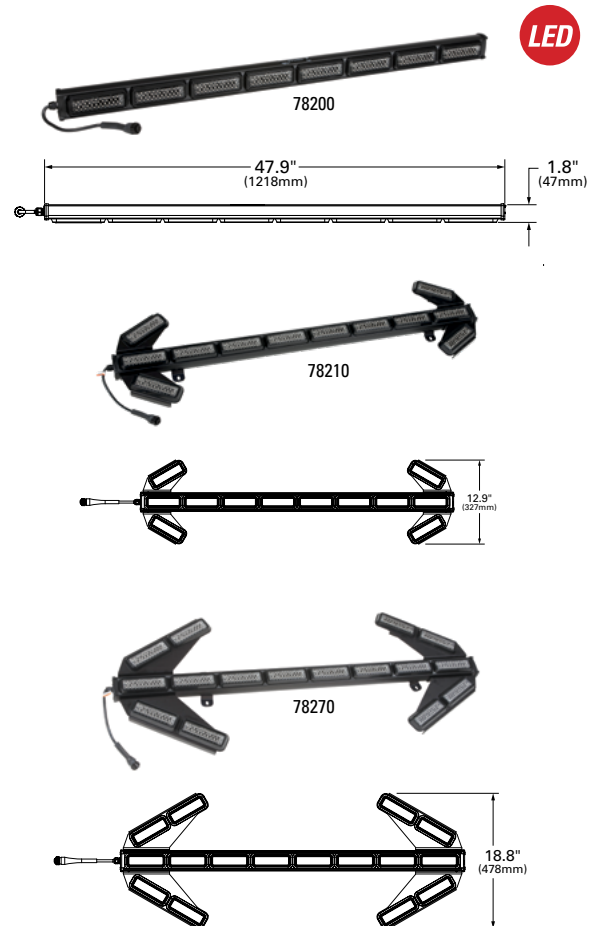
Volts / Amps: 12V / 2.4A (78200)

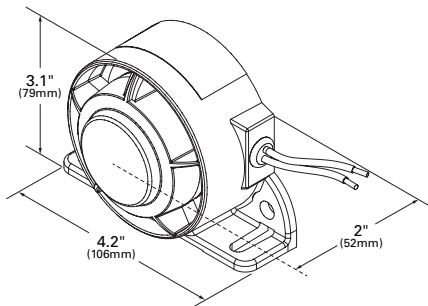
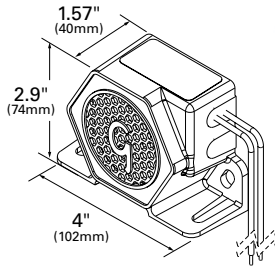
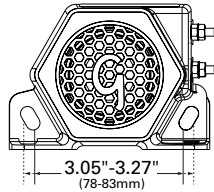
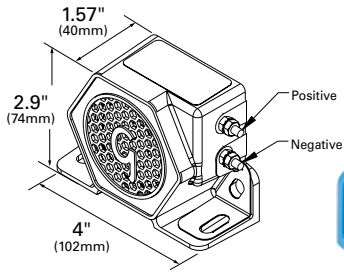
12V / 3.6A (78210)

12V / 4.8A (78270)

Accessory: Amber Module 98333, Control Box 98522, 10' Extension Cable 66650,
 20' Extension Cable 66660, 40' Extension Cable 66670

VMRS Code: 034-001-021





MEDIUM / LOW NOISE SURROUND BACK-UP ALARM

Electronics sealed in epoxy for protection against dust, vibration and moisture • Self-grounding, eliminates potential corrosion points
• Universal integral mounting bracket • Voltage-spike and surge-protected

73040	97 dB, w/ Wire Studs
73040-5	97 dB, w/ Wire Studs
73090	107 dB, w/ Wire Leads
73110	82–102 dB

MULTI
MULTI RETAIL
MULTI
MULTI

Material: Glass-Filled Nylon with Wire Leads

Standards: SAE J994™ Type B (73090); Type C (73040); Type F (73110)

Finish: Blue

Volts / Amps: 12–24V / .4A at 12V

VMRS Code: 054-002-001

REVERSE MOUNTED SPEAKER BACK-UP ALARM

Features hardwire terminations • Integral mounting bracket • Electronics completely encapsulated in potting for total circuit board protection

73250	107 dB
73240	81–107 dB
73360	97dB Dual-Tone
73370	102dB Dual-Tone
73350	97dB Dual-Function

MULTI
MULTI
MULTI
MULTI
MULTI

Material: Glass-Filled Nylon

Standards: SAE J994™ Type B (73250); Type F (73240);
Type C (73350, 73360) Back-up function only;
Type B (73370) Back-up function only

Finish: Blue

Volts / Amps: 12–24V / 1.7A at 12V (73250)

12–24V / 3A at 12V (73240)

12–24V / .3A at 12V (73360)

12–24V / .7A at 12V (73370)

12–24V / .3A at 12V (73350)

VMRS Code: 054-002-001

REVERSE MOUNTED SPEAKER BACK-UP ALARM

- Rugged construction glass-filled nylon housings
- Electronics sealed in epoxy for protection against dust, vibration and moisture
- Universal mounting including grommet mounted products
- Available in a range of decibel output levels to fit a wide variety of application needs

73030	107–112 Selectable dB	MULTI
73070	112 dB	MULTI
73080	87–112 dB, Self-Adjusting	MULTI

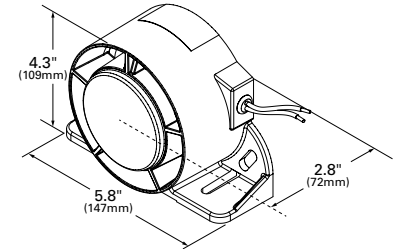
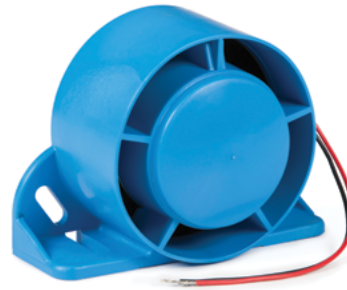
Material: Glass-Filled Nylon

Standards: SAE J994™ Type F (73080, 73030); Type A (73070)

Finish: Blue

Volts / Amps: 12–24V / .6A at 12V (73080, 73030)
12–24V / 0.3A at 12V (73070)

VMRS Code: 054-002-001



BACK-UP ALARMS – MULTI FREQUENCY

Select the right alarm that will best suit your unique environments

- Superior performance and protection from damage to the speaker due to its reverse mounted speaker

73170	107 dB, Multi-Freq	MULTI
73310	97 dB, Multi-Freq	MULTI

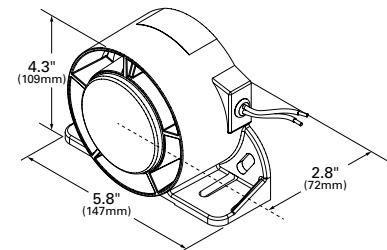
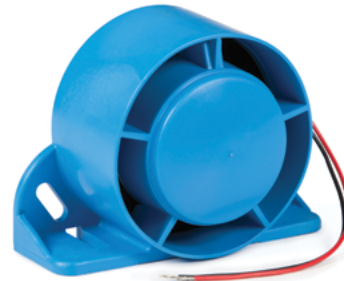
Material: Glass-Filled Nylon

Finish: Blue

Standards: SAE J994™ Type B (73170); Type C (73310)

Volts / Amps: 12–24V / 0.3A at 12V

VMRS Code: 054-002-001



4" GROMMET MOUNTED BACK-UP ALARM

Mounts in standard 4" grommet (grommet not included) • Epoxy sealed to protect against dust, moisture, and vibration

73160	107 dB	MULTI
73220	97 dB	MULTI

Material: Glass-Filled Nylon

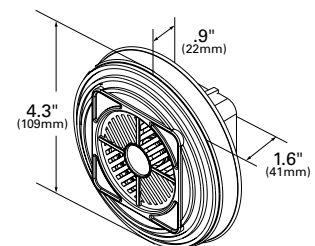
Standards: SAE J994™ Type B (73160); Type C (73220)

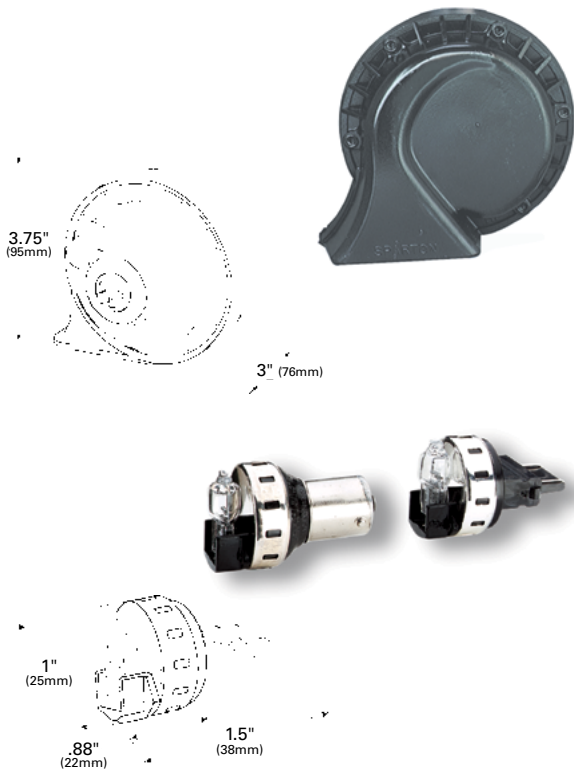
Finish: Black

Volts / Amps: 12–24V / .4A at 12V

Grommet: 91740

VMRS Code: 054-002-001





ELECTRIC AUTOMOTIVE HORNS

Complete with mounting bracket

FOR IMPORT VEHICLES:

72010-5 High Tone, 135 dB **RETAIL**

FOR DOMESTIC VEHICLES:

72100-5 High Tone, 125 dB **RETAIL**

72110-5 Low Tone, 125 dB **RETAIL**

Material: Steel

Standards: SAE J377™

Finish: Black Enamel

Volts / Amps: 12V

VMRS Code: 054-001-001

BEEPING BACK-UP HALOGEN BULB

Combination audible back-up safety device and lamp in one • Provides a clear beeping sound when vehicle shifts into reverse gear • Alarm does not meet OSHA and SAE J994™ requirements for commercial back-up alarms

BAYONET BASE: (1156 REPLACEMENT)

73140-5 **RETAIL**

WEDGE BASE: (3156 REPLACEMENT)

73150-5 **RETAIL**

Volts / Amps: 12V / 1.67A

VMRS Code: 054-002-001

STROBE POWER MODULE

The Grote® 99630 "X" control strobe module is ideal for use on refuse and waste management vehicles, yard work machines and construction vehicles using a 12V power system wherever a strobing "X" pattern is desired

• This module will provide the necessary strobing functionality with both LED oval and round lamp systems. • The system utilizes Grote® designed and built circuitry for optimum signal management • Unit is designed with over-voltage circuit protection and signal and back-up over-rides turn strobe function off when the back-up, left and right turn signals are engaged

99630 Strobe Power Module

Material: Polycarbonate

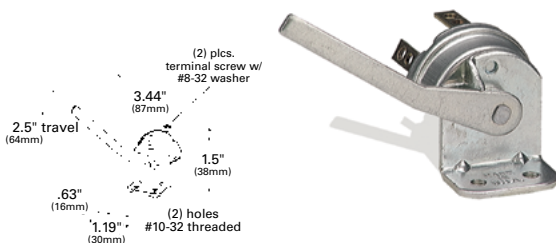
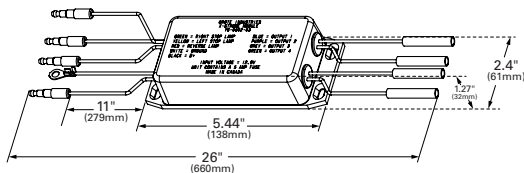
Strobe Function: 'X' Pattern function

Input Voltage: 12.8V

Dimensions: 1.265" high x 5.44" long

Max amp draw: Unit contains a 5 AMP fuse

VMRS Code: 034-002-001



ACTUATION SWITCH

Often utilized with back-up alarms • Activates when shifting vehicle into reverse

44134 Switch **MULTI**

Material: Steel

Finish: Zinc Plate

Volts / Amps: 12-36V / 5A max

VMRS Code: 034-004-081

ACTUATION SWITCH

Heavy-duty usage • Mechanical actuation • Includes mounting bracket and weather-proof compression fitting

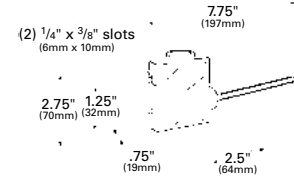
44421 Switch **MULTI**

Material: Steel

Finish: Zinc

Volts / Amps: 12–80V / 10A max

VMRS Code: 034-003-018



REPLACEMENT LENSES

LENS MODEL NUMBER	FITS LAMP	LENS MODEL NUMBER	FITS LAMP	LENS MODEL NUMBER	FITS LAMP
90353	76083	98225	78035	98282	78092
90373	76203		78045		78102
	76223		78855	98293	78113
	76283		78865	98311	78020
98171	78050	98251	78010		78130
	78051		78011		79053
	78061		79021		79060
	78080	98253	78013	98313	78023
	78081		79023		78133
	78085	98255	78015		78443
98173	78053		79025	98314	78024
	78063	98271	78010	98315	78025
	78503		78011		78135
98175	78055		78013	98373	78513
	78065		78015		79023
98221	78030		79070		79043
	78031		79071	98383	79023
	78041		79072		79043
	78070		79073	98513	79093
	78071		79074		
	78075	98283	78093		
	78851		78103		
	78861	98284	78094		
	78015		78104		
98223	78033	98285	78095		
	78043		78105		
	78493	98281	78091		
	78853		78101		
	78863				

