STAR SIGNAL
VEHICLE PRODUCTS®

EMERGENCY VEHICLE
WARNING SYSTEMS

Police ● Fire ● Emergency

Thank you to all of our customers for our continued success.

Although new in name, Star Signal Vehicle Products has a long, rich and storied history.

Originally founded in Clearwater, Florida in 1974, Southern Vehicle Products began as a small manufacturing and distribution center. The company's emphasis on high quality products and customer service allowed it to grow quickly as a leader in the emergency vehicle product industry. Technological breakthroughs in their siren and lightbar divisions only solidified SVP's standing in the red and blue market.

Then in 1998, in an effort to better communicate the company's commitment to an international presence, Southern Vehicle Products changed its name to Signal Vehicle Products. This change transformed Signal into one of the most recognizable brands in the industry.

It was with great pride in the year 2000 Star Headlight & Lantern Co., Inc. purchased the Signal Vehicle Products brand and assets. Family owned since 1889, Star Headlight continues to be the longest-running light manufacturer in the United States. Based out of Avon, New York, Star Headlight's corporate headquarters and manufacturing facility continues to produce state-of-the-art products and provide the highest quality customer service.

The marriage between Star Headlight and Signal gave way to such innovations as the Versa Star Series, Phantom Lightbars, and Halo LED beacons all of which revolutionized the industry and turned both brands into an emerging force in the new Millennium.

In 2011 we were proud to write a new chapter in this profitable relationship. From that day forward, we have united all Star Headlight brands, Signal Vehicle Products was renamed Star Signal Vehicle Products. We believe this change has helped ease customer confusion and only made us a more formidable force in the emergency light market.

From humble beginnings to now a global identity, Star Signal's proud tradition will shine on into the future. We hope you will enjoy this new catalog and its expanded product line. You can also visit us and examine products on our website www.starheadlight.com or on our Facebook page, www.facebook.com/star1889.

We look forward to working with you and know that our customers are our most valuable asset.

Christopher D. Jacobs
President

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Due to continuous product improvement programs, we must reserve the right to change specifications and information at any time without prior notification.
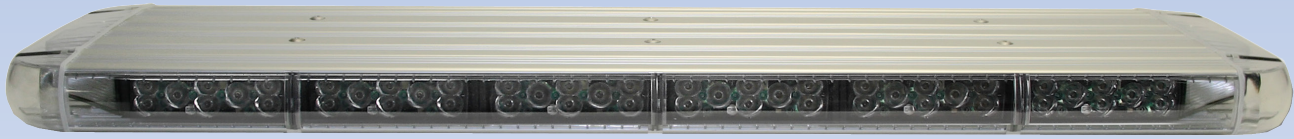
7400 Series 46"

Innovative Sculptured Design

The Star LASER® is the newest generation of low-profile lightbars. The Star Laser® is a blend of innovative modular design, sculptured contours, exceptional strength, and durability. Laser Cage Technology™ is the most advanced, integrated componentry design. Star LASER® LCT provides the ability for each modular head to be interchangeable with other modular heads for multiple custom configurations. "ISO-VIBE" modular head design provides circuitry protection and is equipped with Plug-N-Play electronic connections for smooth adaptation to your needs. Rugged exterior, extruded aluminum bases, and UV stabilized polycarbonate lenses provide a lean, more assertive stance to any vehicle form. STAR LASER® provides fail safe operation by utilizing independent driver circuits for each head that allow for synchronization of heads in simultaneous or alternating mode and flash pattern control.

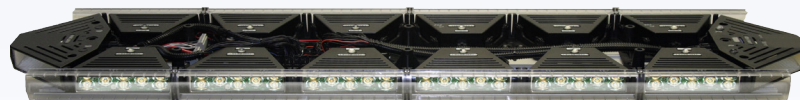## Additional Options & Specifications:

- LED module colors: Amber, Blue, Green, Red, White
- End position can also be color warning light
- Standard mounting kit included
- Vehicle specific mounting straps available
- Front lenses standard clear, also available in Amber, Blue, Red
- End caps standard clear, also available in Amber, Blue, Red, with optional clear alley light window

Exterior Construction

- Rugged top and bottom aluminum extrusions
- Optical grade UV stabilized virgin polycarbonate lenses
- Weatherproof seals and stainless steel fasteners
- Streamline design

Serviceability

- Top extrusion removes completely for access to modular components
- Front lenses stay securely in place

7200 Series 22"

Available in FIVE lengths

7200 Series   22"
7300 Series   34"
7400 Series   46"
7500 Series   52"
7600 Series   58"
All only 2-5/8" tall
12-1/4" wide for maximum visibility

US Patents # 8210, 725, #D632, 199

For your Custom Star Laser® Lightbar Design Configurator,
Please contact STAR at 585-226-9787 or www.starheadlight.com
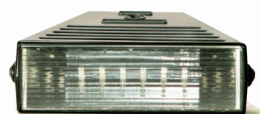
High Density LED Head

- Generation IV LEDs
- 12 or 18 version available
- Full programmability
- High LED count for bid spec. requirements
- High efficiency linear optics
- Wide angle light distribution
- Achieves SAE Class I rating without use of flashing alley light

Starburst™

- (8) Generation IV LEDs
- Patent # D633, 648 optical system
- Narrow light distribution
- Compatible with end or front facing heads
- SAE Class I
- Traffic director stop/turns available
- Can be programmed for TDP

M-Tech®

- (6) Generation IV LEDs
- M-Tech optical system
- Wide angle light distribution
- Compatible with end or front facing heads
- SAE Class I
- Full programmability

Discrete

- Generation I LEDs
- Large image
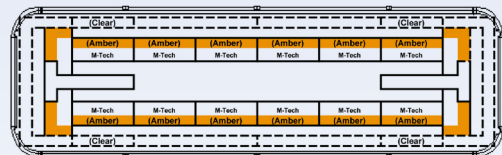- Primarily used for traffic directors
- Multiple color traffic directors

SAE Class I & California Title 13 approved when properly configured

7000 SERIES M-TECH PLUS® LIGHTBAR


Front View   **7462LED**

The Star LASER MP™ Series is the latest addition to the legendary STAR LASER® lightbar series. While the STAR LASER® is the most durable, versatile and best looking LED lightbar available, the new STAR LASER MP™ series provides you with a lower cost LED option. Inside the heavy-duty sleek look of the STAR LASER® shell our M-TECH PLUS® series is a high-output LED package. The M-TECH PLUS® provides wide-angle SAE Class I light intensity in a value setting. Many believe that this new offering will change the lightbar industry forever. For high quality, great looks, and savings, check out the STAR LASER MP™! The conformal coated circuitry protects against shock and vibration. There are 35 customer selectable flash patterns via an external wire. The Star Laser MP™ has independent enable of front and rear facing LEDs. The S-Link System™ has synchronizing capability with other Star LED units.

Standard Models
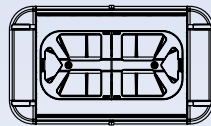
7232LED   22" one M-Tech Plus® head
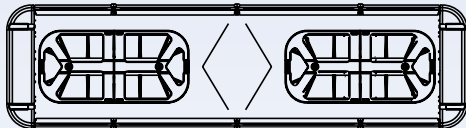
7464LED   46" two M-Tech Plus® heads
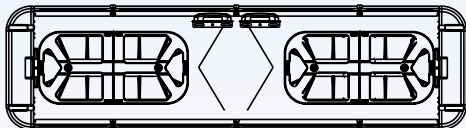
7462LED   46" two M-Tech Plus® heads, two LED alleys, two LED takedown/pursuits

Specifications and Features

Voltage   10 - 16V DC

Approvals   California Title 13 available upon request

Internal optics patented #D632, 199

Extruded aluminum top and bottom

High/Low power select

Low input voltage detection under 10V DC

36" STAR RAZOR® LIGHTBARS

2300SL

Lenses and filters are available in Red, Blue, Amber, Green, and Clear. A black plastic, low profile, direct roof mount kit is standard and included (820-39-PB). A traffic director control unit is included with lightbars containing a traffic director assembly. SAE J845 Class I, Title 13 available upon request.
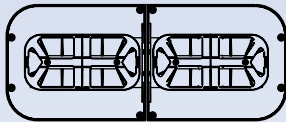
Standard Models

2364LED M-Tech Plus® LED lightbar with sixty-four LEDs
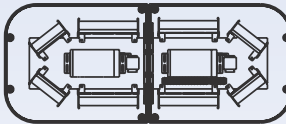
2300SL Four 7" Linear strobe heads, four 4.5" linear strobe heads, two 4-head strobe packs

46" STAR RAZOR® LIGHTBARS

2464LED

Standard Models
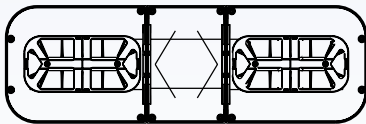
2464LED M-Tech Plus® LED lightbar with sixty-four LEDs, two V-mirrors
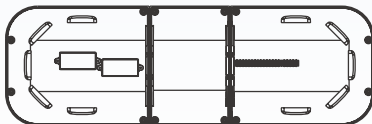
2478 Ten Versa Star® DLX6 LEDs
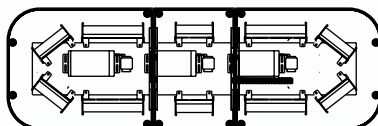
2400SL Four 7" linear strobe heads, six 4.5" linear strobe heads, two 4-head strobe packs and one 2-head strobe pack

To view all STAR RAZOR® LIGHTBARS or request a custom lightbar design kit, please contact us at www.starheadlight.com
SAE Class I & California Title 13 approved when properly configured

STAR RAZOR® LIGHTBARS

46" STAR RAZOR® LIGHTBARS

Front View   **2463LED**

Lenses and filters are available in Red, Blue, Amber, Green, and Clear. A black plastic, low profile, direct roof mount kit is standard and included (820-39-PB). A traffic director control unit is included with lightbars containing a traffic director assembly. SAE J845 Class I, Title 13 available upon request.

Standard Models

2463LED   M-Tech Plus® LED lightbar with sixty-four LEDs, two V-mirrors, two LED takedown/pursuits
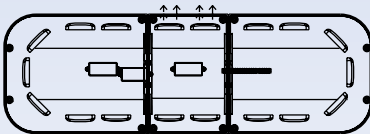
2472   Eight DLX6 warning modules, two DLX6 takedown/pursuits, two DLX6 alleys, six DLX6 traffic director
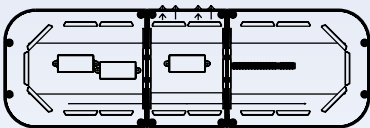
2483   Eight batwing warning modules, two batwing takedown/pursuits, two batwing alleys, six batwing traffic director

56" STAR RAZOR® LIGHTBARS

2564LED

Standard Models
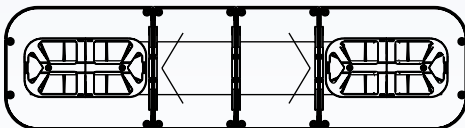
2564LED   M-Tech Plus® LED lightbar with sixty-four LEDs, two V-mirrors
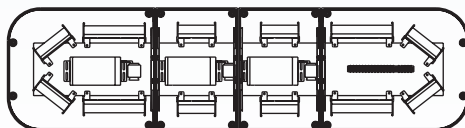
2500SL   Four 7" linear strobe heads, eight 4.5" linear strobes

To view all STAR RAZOR® LIGHTBARS or request a custom lightbar design kit, please contact us at www.starheadlight.com
SAE Class I & California Title 13 approved when properly configured

36" STAR SABRE® LIGHTBARS

5364LED

The only dual level, full output lightbar less than 4" tall!

Lenses and filters are available in Red, Blue, Amber, Green, and Clear. A black plastic, low profile, direct roof mount kit is standard and included (820-39-PB). A traffic director control unit is included with lightbars containing a traffic director assembly. SAE J845 Class I, Title 13 available upon request.
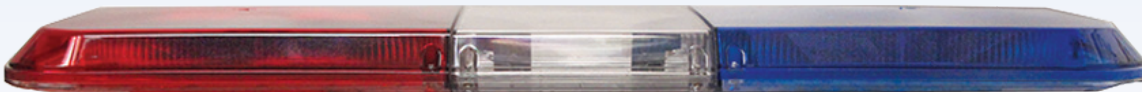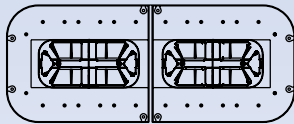
Standard Models
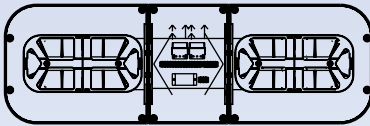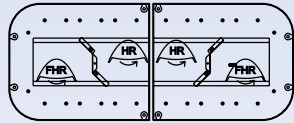
5364LED	M-Tech Plus® LED lightbar with sixty-four LEDs
5300H	Two halogen rotators, two fast halogen rotators, two Z-mirrors
5300S	Two 360° remote strobe heads, one 2-head strobe pack, two large V-mirrors
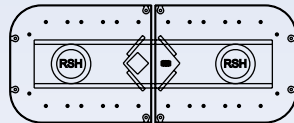
46" STAR SABRE® LIGHTBARS
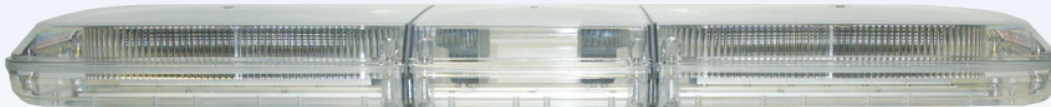
5464LED

Standard Models
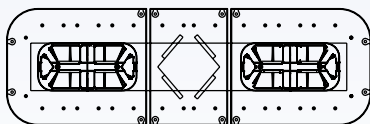
5464LED	M-Tech Plus® LED lightbar with sixty-four LEDs, two V-mirrors
5400H	Two halogen rotators, two fast halogen rotators, two medium V-mirrors, two Z-mirrors
5400S	Four 360° remote strobe heads, three double V-mirrors, two 2-head strobe packs
5421H	Three halogen rotators, two fast halogen rotators, two small V-mirrors, two Z-mirrors, two LED intersection clearing lights, four front lower takedown/pursuit lights, two alley lights, Amber lower LED directional arrow assembly
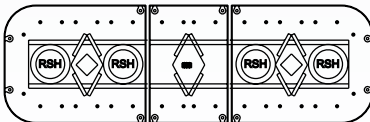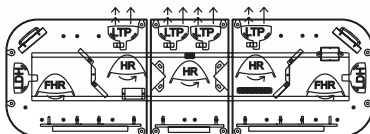
46" STAR SUPER SABRE® LED LIGHTBARS

5462LED

Standard Models
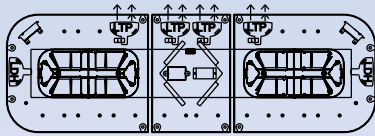
5462LED   M-Tech Plus® LED lightbar with sixty-four LEDs, four takedown/pursuit lights, two LED intersection clearing lights, two alley lights, two V-mirrors

46" VERSA MAX™ STAR SABRE® LIGHTBARS

5471

Star Versa Max™ Sabre and Razor Lightbars. These latest innovations combine the length and attention of a normal lightbar with the stunning LED output of our Versa Star series. These lightbars feature DLX6 Star Generation IV LED technology, durable polycarbonate domes and fully encapsulated circuitry to protect against shock and vibration. Each bar comes equipped with 32 customer selectable front and rear flash patterns, along with 30 customer selectable alley and takedown flash patterns. These models offer DLX6 LED colors in Amber, Blue, Red, Green, and White.

Standard Models
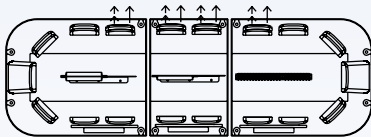
5471   Twenty-four DLX6 warning modules, four lower DLX6 takedown/pursuits, two lower DLX6 LED alleys, discrete LED traffic director
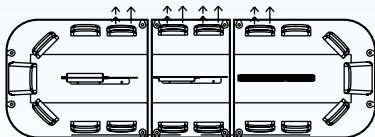
5472   Twenty-four DLX6 warning modules, four lower DLX6 takedown/pursuits, two lower DLX6 alleys, six DLX6 traffic director
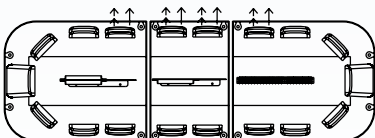
5476   Thirty DLX6 warning modules, four lower DLX6 takedown/pursuits, two lower DLX6 alleys
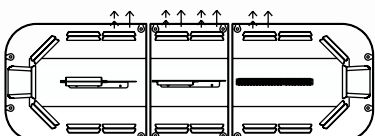
5486   Thirty batwing warning modules, four lower batwing takedown/pursuits, two lower DLX6 alleys

56" STAR SABRE® LIGHTBARS
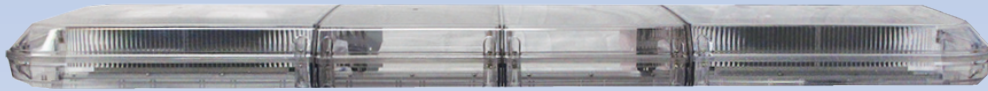
5564LED

Lenses and filters are available in Red, Blue, Amber, Green, and Clear. A black plastic, low profile, direct roof mount kit is standard and included (820-39-PB). A traffic director control unit is included with lightbars containing a traffic director assembly.

Standard Models
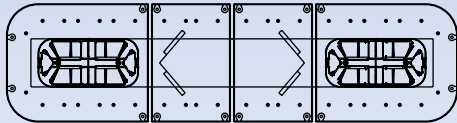
5564LED   M-Tech Plus® LED lightbar with sixty-four LEDs, two V-mirrors
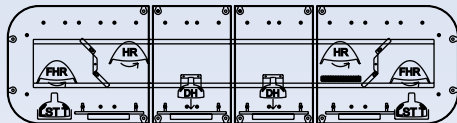
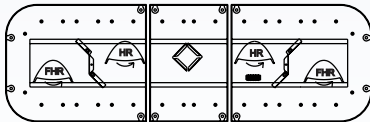**5511H**   Two halogen rotators, two fast halogen rotators, two Z-mirrors, two rear directional halogen flood lights, two lower stop/turn/tail lights, lower LED directional arrow assembly
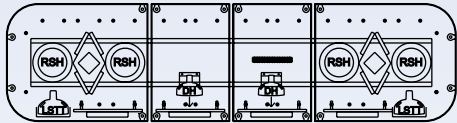
5511S   Four 360° remote strobe heads, two double V-mirrors, two rear directional halogen flood lights, two 2-head strobe packs, two lower stop/turn/tail lights, lower LED directional arrow assembly

66" STAR SABRE® LIGHTBARS

5611H

Standard Models
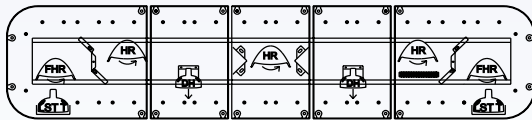
5611H   Three halogen rotators, two fast halogen rotators, two Z-mirrors, two small V-mirrors, two rear directional halogen flood lights, two lower stop/turn/tail lights, lower LED directional arrow assembly
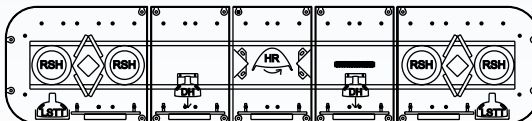
5611S   Four 360° remote strobe heads, one halogen rotator, two double V-mirrors, two small V mirrors, two rear directional halogen flood lights, two 2-head strobe packs, two lower stop/turn/tail lights, lower LED directional arrow assembly

5611SL   Four 4.5 linear strobe heads, four 7" linear strobe heads, one halogen rotator, two small V-mirrors, two directional halogen flood lights, two 4-head strobe packs, two lower stop/turn/tail lights, lower LED directional arrow assembly

To view all STAR SABRE® LIGHTBARS or request a custom lightbar design kit, please contact us at www.starheadlight.com
SAE Class I & California Title 13 approved when properly configured

STAR INTERCEPTOR® LIGHTBARS

36" STAR INTERCEPTOR® LIGHTBARS

8300S
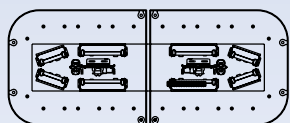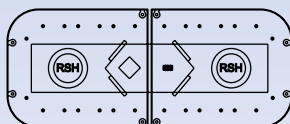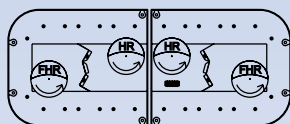
Lenses and filters are available in Red, Blue, Amber, Green, and Clear. A black plastic, low profile, direct roof mount kit is standard and included (820-39-PB). A traffic director control unit is included with lightbars containing a traffic director assembly.

Standard Models

8300H	Two halogen rotators, two fast halogen rotators, two lightning mirrors
8300S	Two 360° remote strobe heads, one 2-head strobe pack, two V-mirrors
8300SL	Four 4.5" linear strobe heads, four 7" linear strobe heads, two 4-head strobe packs

46" STAR INTERCEPTOR® LIGHTBARS
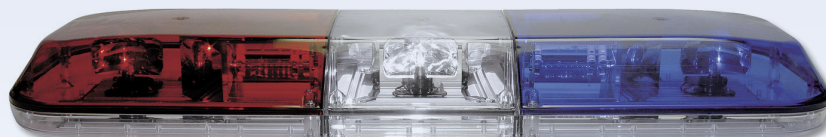
8400H
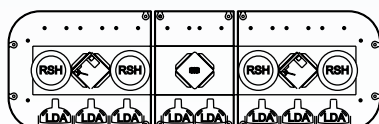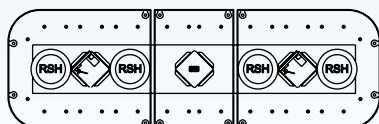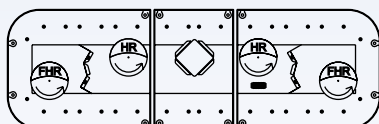
Standard Models

8400H	Two halogen rotators, two fast halogen rotators, one double V-mirror, two lightning mirrors
8400S	Four 360° remote strobe heads, three double V-mirrors, two 2-head strobe packs
8401H	Two halogen rotators, two fast halogen rotators, one double V-mirror, two lightning mirrors, lower directional arrow assembly with colored lenses
8401S	Four 360° remote strobe heads, three double V-mirrors, two 2-head strobe packs, lower directional arrow assembly with colored lenses
8420HSL	One halogen rotator, two fast halogen rotators, two large V-mirrors, two medium V-mirrors, four 4.5" linear strobe heads, one 4-head strobe pack

To view all **STAR INTERCEPTOR**® **LIGHTBAR** or request a custom lightbar design kit, please contact us at www.starheadlight.com. SAE Class I & California Title 13 approved when properly configured

48" AEROSTAR® LIGHTBARS

6464LED

Standard Models
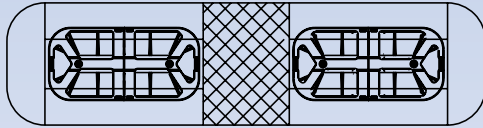
6464LED M-Tech Plus® LED lightbar with sixty-four LEDs, two 16" dome sections
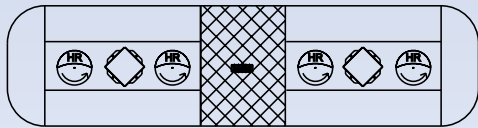
6420H Four halogen rotators, two double medium V-mirrors, two 16" dome sections
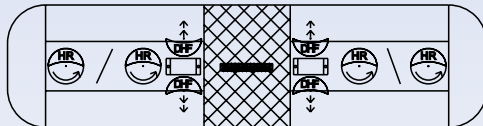
6448H Four halogen rotators, two wall mirrors, two front flashers, two rear flashers, two 16" dome sections

Polished stainless steel centerpiece standard, black matte centerpiece optional.
Inserts are only available on 16" dome sections (up to two front and two to the rear)

48" AEROSTAR® LIGHTBARS 3 LENS

6423H

Lenses, filters, and inserts are available in Red, Blue, Amber, Green, and Clear. An aluminum direct roof mount kit is standard and included (920-39). Optional tow mount direct roof mount kit (920-39T) is available as a substitution to the standard kit.

Standard Models
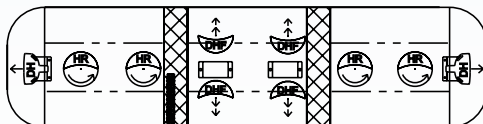
6423H Four halogen rotators, two front flashers, two rear flashers, two alley lights, three 12" dome sections
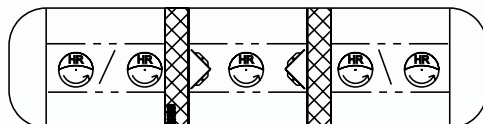
6430H Five halogen rotators, two medium V-mirrors, two wall mirrors, three 12" dome sections

To view all AEROSTAR® LIGHTBARS or request a custom lightbar design kit, please contact us at www.starheadlight.com
SAE Class I & California Title 13 approved when properly configured

52" AEROSTAR® LIGHTBARS


6500H

Lenses and filters are available in Red, Blue, Amber, Green, and Clear. An aluminum direct roof mount kit is standard and included (920-39). Optional two mount direct roof mount kit (920-39T) is available as a substitution to the standard kit.

Standard Models

6500H	Five halogen rotators, two medium V-mirrors, two wall mirrors, three 12" dome sections
6550H	Four halogen rotators, two double medium V-mirrors, two 16" dome sections
6500HSL	Three halogen rotators, four 4.5" linear strobe heads, one 4-head strobe pack, two medium V-mirrors, three 12" dome sections

Polished stainless steel centerpiece standard, black matte centerpiece optional.
Inserts are only available on 16" dome sections (up to two front and two to the rear)
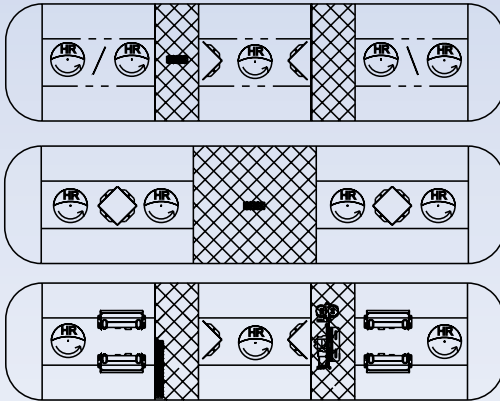
56" AEROSTAR® LIGHTBARS

6530H

Lenses, filters and inserts are available in Red, Blue, Amber, Green, and Clear. An aluminum direct roof mount kit is standard and included (920-39). Optional tow mount direct roof mount kit (920-39T) is available as a substitution to the standard kit.

Standard Models

6564LED	M-Tech Plus® LED lightbar with sixty-four LEDs, two 16" dome sections, one 12" dome section
6530H	Five halogen rotators, two medium V-mirrors, two double medium V-mirrors, two 16" dome sections, one 12" dome section

Polished stainless steel centerpiece standard, black matte centerpiece optional.
Inserts are only available on 16" dome sections (up to two front and two to the rear)
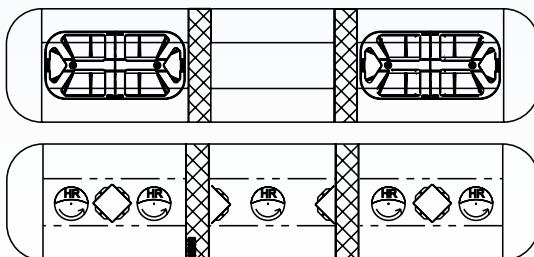
To view all AEROSTAR® LIGHTBAR or request a custom lightbar design kit, please contact us at www.starheadlight.com
**SAE Class I & California Title 13 approved when properly configured**

36" STARBAR® LIGHTBARS

9300H
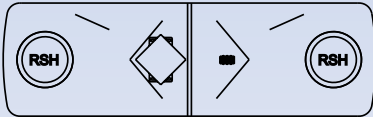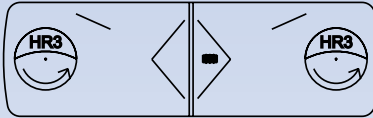
Lenses, filters and inserts are available in Red, Blue, Amber, Green, and Clear. An aluminum direct roof mount kit is standard and included (920-39). Optional tow mount direct roof mount kit is available as a substitution to the standard kit (920-39T).

Standard Models

9300H   Two Starbeam™ halogen rotators, two V-mirrors, two wall mirrors

9300S   Two 360° remote strobe heads, two V-mirrors, two wall mirrors, one 2-head strobe pack

48" STARBAR® LIGHTBARS

9404H
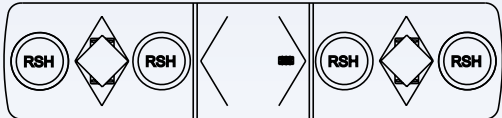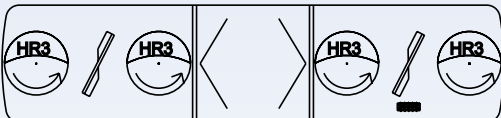
Standard Models

9404H   Four Starbeam™ halogen rotators, two V-mirrors, two large wall mirrors

9404S   Four 360° remote strobe heads, two double V-mirrors, two V-mirrors, two 2-head strobe packs

58" STARBAR® LIGHTBARS

9500S
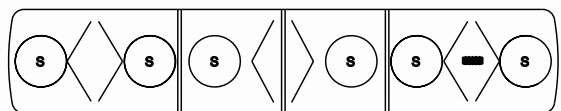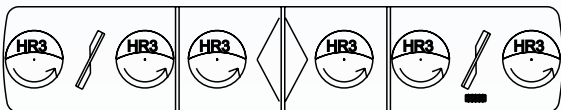
Standard Models

9500H   Six Starbeam™ halogen rotators, two large wall mirrors, two V-mirrors

9500S   Six 360° strobes, two double V-mirrors, two V-mirrors

To view all Lightbar models please visit our website at www.starheadlight.com

9216H

9216S

9224H

9224S

STROBE & HALOGEN

The Starbeam™ 9216 & 9224 Series Star Mini-Bars® offer a heavy duty, all-in-one package with the reliability and attention getting power you need. Choose from high intensity strobes or patented shock mounted rotators with two sealed roller bearings providing quiet, smooth, and maintenance-free operation. The circuits and strobe tube assemblies in the strobe models are fully encapsulated to guard against shock and vibration, while the rotator models offer lock-and-stay bulbs that are field replaceable. Wall mirrors are standard for both models. Durable polycarbonate domes resist UV deterioration and are fully gasketed to protect against the elements. The rugged aluminum extruded base will not bend or warp. The Starbeam™ 9216 & 9224 Series are available in permanent, T-Slot mounting. The Starbeam™ 9216 come standard with magnet mount with cig. plug. Ships complete with 15' lead, mounting hardware and instructions. Magnet mount versions ship with attached cig. plug and vinyl pads for magnets to avoid scratching.

Standard Models

9216H	16" Star Mini-Bar® with two rotators, one wall mirror, two 50 watt halogen bulbs
9216HM	16" Star Mini-Bar® with two rotators, one wall mirror, two 50 watt halogen bulbs, magnet mount with cig. plug
9216S	16" Star Mini-Bar® with two 360° quad flash strobes, one wall mirror
9216SM	16" Star Mini-Bar® with two 360° quad flash strobes, one wall mirror, magnet mount with cig. plug
9224H	24" Star Mini-Bar® with three rotators, two wall mirrors, three 50 watt halogen bulbs
9224S	24" Star Mini-Bar® with three 360° quad flash strobes, two wall mirrors

Specifications

Size	**9216** - 5-1/2"H x 16"W x 8-1/2"D **9224** - 5-1/2"H x 24"W x 8-1/2"D
Weight	**9216** - 8 lbs. **9224** - 10 lbs.
Voltage	**Halogen** - 12V DC **Strobe** - 12 - 24V DC
Amp Draw	**Halogen** - 4 amps per rotator **Strobe** - 2 amps per strobe head
Joules	**Strobe** - 17.3 joules per strobe head
Flash Rate	**Strobe** - 75 quad flash sequences per minute, per self-contained strobe @ 24 watts **Rotator** - 80fpm (+/-10) per rotator
Color	**Outer Dome & Inner Lens -** Amber, Blue, Clear, Red
Approvals	**9216H** SAE J845, Class I (Amber, Clear) California Title 13 - (Amber)

PARTS	PART#
Flash tube	129
Quad flash circuit	181-Q4-12
58 watt halogen bulb	2073-795X
4" quad flash strobe	240SFQ1
4" Fresnel lens	297-
Wall mirror	920-30-2
Outer dome (9216 series)	920-316
Outer dome (9224 series)	920-324
Rotator assembly (80fpm)	920-99-3
Motor (80fpm)	920-18
Mounting pad gasket 16"	920-17-16
Mounting pad gasket 24"	920-17-24
Magnet mount kit (9216HM, 9216SM)	910-177K
Cig. plug (9216HM, 9216SM)	920-10

9200HM

Parts	PART#
Outer dome	920-3
Color filter for rotator	920-100
Bulb	
Halogen	2073-795X
Incandescent	2073-1195
Standard rotator assembly with motor	920-0
High speed rotator assembly with motor	920-0F
Rotator motor	920-5
Wall mirror	920-30-3
Cig. plug	910-10
Magnet * (one)	920-16
Magnet mount kit* (four)	920-16-4K
Vacuum magnet (one)	920-16V
*Available with magnet mount models only	

9200SV

PARTS	PART#
Outer dome	920-3
Inner Fresnel lens	333
Strobe tube assembly	ST3901-7
V-Mirror	820-29
Cig. plug w/lighted On/Off switch*	176-SW
Double/quad power supply	620-181-SBP
Magnet * (one)	920-16
Magnet mount kit* (four)	920-16-4K
Vacuum magnet (one)	920-16V
*Available with magnet mount models only	

HALOGEN, STROBE & INCANDESCENT

The 9200H, 9200S, & 9200I Series Star Mini-Bars® offer a compact, all-in-one package, with the reliability and attention getting power you need.

Standard Models

9200H   Star Mini-Bar® with two rotators, one wall mirror, two 50 watt halogen bulbs

9200HM   Star Mini-Bar® with two rotators, one wall mirror, magnet mount and cig. plug, two 50 watt halogen bulbs

9200HV   Star Mini-Bar® with two rotators, one wall mirror, vacuum magnet mount and cig. plug, two 50 watt halogen bulbs

9200I   Star Mini-Bar® with two rotators, one wall mirror, two 35 watt incandescent bulbs

9200IM   Star Mini-Bar® with two rotators, one wall mirror, magnet mount and cig. plug, two 35 watt incandescent bulbs

9200IV   Star Mini-Bar® with two rotators, one wall mirror, vacuum magnet mount and cig. plug, two 35 watt incandescent bulbs

9200S   Double/Quad flash Star Mini-Bar® with two 360° remote strobe heads, one double V-mirror, one 2-head strobe pack

9200SM   Double/Quad flash Star Mini-Bar® with two 360° remote strobe heads, one double V-mirror, one 2-head strobe pack, magnet mount and cig. plug with lighted On/Off switch

9200SV   Double/Quad flash Star Mini-Bar® with two 360° remote strobe heads, one double V-mirror, one 2-head strobe pack vacuum magnet mount and cig. plug with lighted On/Off switch

Specifications

Size	4-1/2"H x 16-1/8"W x 7-1/4"D
Weight	**Permanent mount** - 4 lbs. **Magnet mount** - 5 lbs. **Vacuum mount** - 6 lbs.
Voltage	**Halogen** - 12V DC (24V DC available) **Strobe** - 12 - 24V DC **Incandescent** - 12V DC
Amp Draw	**Halogen** - 8 amps @ 12V DC **Strobe** - 2 amps @ 12V DC **Incandescent** - 5.6 amps @ 12V DC
Flash Rate	**Standard Rotator** - 80fpm (+/-10) per rotator **High Speed Rotator** - 160fpm (+/-10) per rotator **Double Flash Strobe** - 128 double flash sequences per minute @ 24 watts **Quad Flash Strobe** - 84 quad flash sequences per minute @ 24 watts
Color	**Outer Dome & Filters** - Amber, Blue, Clear, Green, Red, Magenta
Approvals	**Halogen** - SAE J845, Class I (Amber, Blue, Clear, Red) **Double Flash** - SAE, Class II (Amber)

9200HL Series

9200HLM Series

9200HLV Series

Cig. plug
includes Pattern
Select and On/
Off Switches

PARTS	PART#
Outer dome	920-3
Inner Fresnel lens	333
V-mirrors	820-29
Cig. plug	920-PAT20LO
Magnet (one)	920-16
Magnet kit (four)	920-16-4K
Vacuum magnet	920-16V

Star Halo® LED technology is a patent pending, extremely low current draw, ultra high intensity LED light that exceeds the latest J845 and CA 13 standards. The circuitry is designed with 12 customer selectable flash patterns, high/low intensity feature (Manual or Automatic), and the S-Link System™ that allows synchronizing capabilities with other Star LED products. Circuitry is fully encapsulated for increased weather and shock resistance. Fully gasketed between the durable polycarbonate dome and base. Two internal V-mirrors enhance flashes. Magnet mounts include vinyl pads to avoid scratching surfaces.

Standard Models

9200HL — Star Halo® Mini-Bar with high intensity LED optics, two V-mirrors

9200HLM — Star Halo® Mini-Bar with high intensity LED optics, two V-mirrors, magnet mount with cig. plug

9200HLV — Star Halo® Mini-Bar with high intensity LED optics, two V-mirrors, vacuum magnet mount with cig. plug

9200H8L — Star Halo® Mini-Bar with ultra high intensity LED optics, two V-mirrors

9200H8LM — Star Halo® Mini-Bar with ultra high intensity LED optics, two V-mirrors, magnet mount with cig. plug

9200H8LV — Star Halo® Mini-Bar with ultra high intensity LED optics, two V-mirrors, vacuum magnet mount with cig. plug

Specifications

Dimensions — 4-1/2"H x 16-1/8"W x 7-1/4"D (less magnets)

Weight — **Permanent mount** - 5 lbs.
Magnet mount - 6 lbs.
Vacuum mount - 7 lbs.

Voltage — **Permanent mount**: 10 – 30V DC
Magnet mount: 10 - 16V DC

Amp Draw — 1.2 amps @ 12V DC
0.6 amps @ 24V DC

Dome Colors — Amber, Blue, Clear, Green, Red, and Magenta

Approvals — SAE Class I, California Title 13 (Amber, 16 LED versions) (does not apply to all flash patterns)

Permanent Mount - 12 customer selectable flash patterns via external pattern select wire, S-Link System™ synchronizing capability with other Star LED units, 24" wire leads

Standard magnet mount - 12 customer selectable flash patterns, cig. plug with On/Off switch and pattern select switch

Vacuum magnetic mount - 12 customer selectable flash patterns, cig. plug with On/Off switch, and pattern select switch

9016LED SERIES M-TECH PLUS® LED

9016LED

9016LEDV

The 9016 Series are low profile Mini-Bars designed with M-Tech Plus® LED technology that provides a superior 360° warning light image. Conformal coated circuitry protects against shock and vibration while the durable polycarbonate domes are fully gasketed between the rugged one piece, extruded, anodized base to protect against moisture. Ships complete with permanent mounting hardware and instructions. Magnet mounts include vinyl pads to avoid scratching surfaces.

Standard Models

9016LED	**Permanent mount** - 20 customer selectable flash patterns via external pattern select wire, S-Link System™ is standard offering synchronizing capability with other STAR LED units, 24" wire leads
9016LEDM **9016LEDV**	**Standard magnet mount** and **Standard vacuum mount** - 20 customer selectable flash patterns via internal jumper 12' cig. plug with lighted on/off switch and pattern select switch

Specifications

Dimensions	3-3/4"H x 16"L x 8-3/8"D
Weight	**Permanent mount** - 7 lbs. **Magnet mount** - 9 lbs. **Vacuum mount** - 10 lbs.
Voltage	**Permanent mount** 10 - 30V DC **Magnet mount** 10 - 16V DC
Amp Draw	Amber or Red: **2 amps** (max) Blue, White, Green or Blue/White: **3.6 amps** (max) Amber/White, or Amber/Green: Red/Blue: **2.8 amps (max)**
LED Color Combo	Amber, Amber/White, Amber/Green, Red, Red/Blue, Blue, Blue/White, Green, White (Blue, Green, or White LEDs available only with Clear Dome)
Dome Colors	Amber, Clear, Red, Blue, Green
Approvals	SAE J845 Class I (Amber, Blue, Red) SAE J845 Class II (Clear, Green) (does not apply to all flash patterns) Title 13 available upon request

PARTS	PART#
Dome	920-316
Cig. plug	920-PAT18HI
Mag. mount kit	910-177K
Mounting gasket	920-17-16
Vacuum magnet mount	920-16V-BK
Dome gasket	30047-64

9100LED STAR CONTOUR® M-TECH PLUS® LED

9100LED

9100LEDV

Our Star Contour® is extremely low profile made to "contour fit" to the roof of your vehicle. With the super bright M-Tech Plus® LED technology it provides a superior warning light image. The injection molded polycarbonate base is combined with two rubber-coated vacuum magnets to "custom mount on your vehicle".

Standard Models

9100LED	**Permanent mount** - 20 customer selectable flash patterns via external pattern select wire S-Link System™ synchronizing capability with other Star LED units
9100LEDM **9100LEDV**	**Standard magnet mount** and **Standard vacuum mount** - 20 customer selectable flash patterns, 12' cig. plug with lighted On/Off and pattern select switch

Specifications

Dimensions	3"H x 16-1/2"L x 8-3/8"D
Weight	**Permanent mount** - 4 lbs. **Magnet mount** - 5 lbs. **Vacuum mount** - 6 lbs.
Voltage	**Permanent mount** 10 - 30V DC **Magnet mount** 10 - 16V DC
Amp Draw	2.3 amps (max)
Dome Colors	Amber, Clear, Red, Blue, Green
Approvals	SAE J845 Class I (Amber, White, and Blue), California Title 13 available upon request

PARTS	PART#
Dome	920-316
Cig. plug	920-PAT18HI
Magnet mount kit	910-177K
Vacuum magnet mount	920-16V
Dome gasket	30047-145

STAR PHANTOM® SERIES LED LIGHTBARS

The patented Star Phantom® Series interior mount LED lightbar is perfect for undercover or unmarked vehicle applications. With an extremely thin profile, less than 1" high, the Phantom series easily mounts under the center visor clips above the rear view mirror in 15-20 minutes. Both Star Phantom® series lightbars offer 35 customer selectable flash patterns via a push button switch and a 30 second Superburst™ all LED steady burn mode. The ULB42-DLP also offers a Directional LED Pursuit mode. Two angled LED sections, that provide intersection clearing and a red "night vision" preserving map light are standard. An adjustable baffle is also included to eliminate "flash back" from the window. A rear window mount version is available with a standard 12' wire harness only for the ULB42 (ULB42-1). The Phantom series ships complete with cig. plug with lighted on/off switch, mounting brackets, hardware, and instructions.

The ULB42 offers 270 Star Generation I LEDs while the ULB42-DLP offers 216 Star Generation I LEDs and six high intensity Star Generation IV LEDs. The ULB42-DLP also offers a Directional LED Pursuit mode. Two angled LED sections that offer intersection clearing and a red "night vision" preserving map light are standard.

ULB42 STAR PHANTOM®
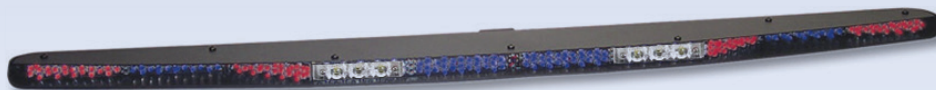
ULB42-DLP STAR PHANTOM®
w/Directional LED Pursuit Mode

The Star Split-Phantom™ and Star Half-Phantom™ interior mount LED lightbars are perfect for undercover or unmarked vehicle applications. With an extremely thin profile, less than 1" high, the ULB21 and ULB10 are specifically designed to mount in the front windshield visor area. The ULB21 straddles the overhead console, while the ULB10 mounts on the passenger side only. The ULB21 with 216 long-life Star Generation I LEDs or the ULB10 with 108 long-life Star Generation I LEDs will give you the power and flexibility you need.

ULB21 SPLIT-PHANTOM™

ULB10 HALF-PHANTOM™

PARTS – ULB42 SERIES	PART#
Cig. plug	920-10
Mounting bracket kit for front/rear	274-ULB42BKT
Baffle	S30147-89

PARTS – ULB21	PART#
Cig. plug	176-SW
Baffle (ULB21 requires two per light)	S30147-151L
	S30147-151R
Vehicle Specific Mounting Bracket Kits:	
Chevy Caprice	274-ULB21-CP
Chevy Impala	274-ULB21-IM
Chevy Tahoe	274-ULB21-TA
Dodge Charger	274-ULB21-CH
Dodge Charger '11, '12	274-ULB21-CH11
Dodge Ram 1500, 2500, 3500	274-ULB21-RM
Ford Crown Victoria	274-ULB21-CV
Ford Explorer	274-ULB21-EX
Ford Interceptor Sedan	274-ULB21-INT
Universal Mount	274-ULB21-U1

PARTS – ULB10	PART#
Cig. plug w/lighted on/off switch	920-10SW
Baffle (ULB10 requires one per light)	30147-151P
Vehicle Specific Mounting Bracket Kit:	
Chevy Caprice	274-ULB10-CP
Chevy Impala	274-ULB10-IM
Chevy Tahoe	274-ULB10-TA
Dodge Charger	274-ULB10-CH
Dodge Charger '11, '12	274-ULB10-CH11
Dodge Ram 1500, 2500, 3500	274-ULB10-RM
Ford Crown Victoria	274-ULB10-CV
Ford Explorer	274-ULB10-EX
Ford Interceptor Sedan	274-ULB10-INT
Universal Mount	274-ULB10-U1

Standard Models & Specifications

Dimensions	**ULB42, ULB42-DLP** - 15/16"H x 42"W x 4-3/4"D
	ULB21 - 15/16"H x 34"min. - 42"max. W x 6"D
	ULB10 - 15/16"H x 16-3/4"W x 6"D
Weight	**ULB42, ULB42-DLP** - 2.8 lbs.
	ULB21 - 2.8 lbs.
	ULB10 - 2.5 lbs.
Voltage	**ULB42, ULB42-DLP, ULB21, ULB10** - 10 - 16V DC
Amp Draw	**ULB42** - 2.36 amps (average), 5.4 amps (max)
	ULB42-DLP - 3.0 amps (average), 6.0 amps (max)
	ULB21 - 2.4 amps (average), 4.7 amps (max)
	ULB10 - 1.2 amps (average), 2.4 amps (max)
Color Combos	Amber, Blue, Green, Red, White
Approvals	California Title 13, SAE J595 (available) (does not apply to all flash patterns)

Amp draw varies depending on color of LED used and the flash pattern selected

The Starburst Phantom™ interior mount lightbar is perfect for undercover or unmarked vehicle applications. With an extremely thin profile, less than 1" high, the Starburst Phantom™ series easily mounts under the center visor clips above the rear view mirror in 15-20 minutes. The Starburst Phantom™ series utilizes 30 long-life, Star Generation IV LEDs. The Starburst Phantom™ series lightbars offer 35 customer selectable flash patterns via a push button switch along with a 30 second Superburst™ all LED steady burn. Ships complete with mounting brackets, hardware, and instructions.

The ULB44 and ULB44-DLP models offer a red "night vision" preserving map light, two angled LED sections for intersection clearing, and an adjustable baffle to eliminate "flash back" from the window. The ULB44-DLP also offers a Directional LED Pursuit mode. A rear window mount version of the ULB44 is available with a standard 12' wire harness only for the ULB44 (ULB44-1).

ULB44 STARBURST PHANTOM™ or ULB44-DLP STARBURST PHANTOM™ w/Directional LED Pursuit Mode

The ULB24 straddles the overhead console while the ULB14 mounts on the passenger side. The ULB24 with 24 long-life, Star Generation IV LEDs or the ULB14 with 12 long-life, Star Generation IV LEDs will give you the power and flexibility you need. They both offer angled LED sections for intersection clearing and an adjustable baffle to eliminate "flash back" from the window. The ULB24-DLP also offers a Directional LED Pursuit mode (white takedown modules).

ULB24 STARBURST SPLIT-PHANTOM™ or ULB24-DLP STARBURST SPLIT-PHANTOM™

w/Directional LED Pursuit Mode

ULB14

ULB44 SERIES	PART#
Cig. plug	920-10
Mounting bracket kit for front/rear	274-ULB42BKT
Baffle	S30147-89

ULB24 SERIES	PART#
Cig. plug	920-10
Baffle (ULB24 requires two per light)	30147-151P
Vehicle Specific Mounting Bracket Kits:	
Chevy Caprice	274-ULB21-CP
Chevy Impala	274-ULB21-IM
Chevy Tahoe	274-ULB21-TA
Dodge Charger	274-ULB21-CH
Dodge Charger '11, '12	274-ULB21-CH11
Dodge Ram 1500, 2500, 3500	274-ULB21-RM
Ford Crown Victoria	274-ULB21-CV
Ford Explorer	274-ULB21-EX
Ford Interceptor Sedan	274-ULB21-INT
Universal Mount	274-ULB21-U1

ULB14 SERIES	PART#
Cig. plug w/lighted on/off switch	176-SW
Passenger side baffle	S30147-151R
Driver side baffle	S30147-151L
Vehicle Specific Mounting Bracket Kits:	
Chevy Caprice	274–ULB10-CP
Chevy Impala	274-ULB10-IM
Chevy Tahoe	274-ULB10-TA
Dodge Charger	274-ULB10-CH
Dodge Charger '11, '12	274-ULB10-CH11
Dodge Ram 1500, 2500, 3500	274-ULB10-RM
Ford Crown Victoria	274-ULB10-CV
Ford Explorer	274-ULB10-EX
Ford Interceptor Sedan	274-ULB10-INT
Universal Mount	274-ULB10-U1

Standard Models & Specifications

Dimensions
ULB44, ULB44-DLP - 15/16"H x 42"W x 4-3/4"D
ULB24 - 15/16"H x 34"min. - 42"max.W x 6"D
ULB14 - 15/16"H x 16-3/4"W x 6"D

Weight
ULB44, ULB44-DLP - 3 lbs.
ULB24 - 2.8 lbs.
ULB14 - 1.5 lbs.

Voltage
ULB44, ULB44-DLP, ULB24, ULB14 - 10 - 16V DC

Amp Draw
ULB44 - 3.1 amps (average), 6.25 amps (max)
ULB24 - 2.5 amps (average), 5.0 amps (max)
ULB10 - 1.3 amps (average), 2.5 amps (max)

Color Combos Amber, Blue, Green, Red, White

Approvals California Title 13, SAE J595 (available)
(does not apply to all flash patterns)

Amp draw varies depending on color of LED used and the flash pattern selected

TCS SERIES TRAFFIC SAFETY SIGNS

STOP/SLOW

The TCS series traffic control signs put traffic safety control right at your fingertips. Light sequences bring attention quickly to any situation. The automatic activation control means you can provide quick response to any need. When the sign is lifted upright, it turns ON. When the sign is lowered down, it shuts OFF. Operates on 3 "C" cells (not included).

TCS-1

TCS-1REF

reverse

TCS-2

TCS-2REF

Standard Models

TCS-1	Slow/Stop Traffic Control Sign (113 LEDs)
TCS-1REF	Slow/Stop Traffic Control Sign with M.U.T.C.D. approved reflective tape (113 LEDs)
TCS-2	Stop/Stop Traffic Control Sign (104 LEDs)
TCS-2REF	Stop/Stop Traffic Control Sign with M.U.T.C.D. approved reflective tape (104 LEDs)
TCS-6	6' Extension pole (not shown)

Specifications

Dimensions	18" Octagon with 6" letters
Weight	2 lbs.
Approvals	TCS-1REF, TCS-2REF M.U.T.C.D. Code (Manual on Uniform Traffic Control Devices)

STAR PHANTOM® UNDERCOVER LED TRAFFIC DIRECTOR

These patented interior mount LED traffic directors are perfect for undercover or unmarked vehicle applications. Made from durable polycarbonate plastic, these traffic directors will not warp or bend. With an extremely thin profile, less than 1" high, they easily mount in the rear window. The ULB42-TD offers 270 Star Generation I LEDs while the ULB44-TD offers 30 high intensity Star Generation IV LEDs. The microprocessor control unit with tactile switching gives you four distinctive pattern modes with three "option" buttons (Fast, Dim, and Alt). Four outboard LED sections (two at each end) allow different color combinations for warning patterns while using the six inner Amber LED sections for traffic directing. They ship complete with control unit, attached wire harness, mounting brackets, hardware, and instructions.

ULB42-TD

ULB44-TD

Standard Models and Specifications

PARTS	PART#
Control unit	ULB42-TD-2
Mounting bracket kit	ULB-BKT
Bulk cable (per foot)	TD92-3

Dimensions	**ULB42-TD-2** Control Unit: - 1-1/2"H x 6"W x 4-1/2"D **ULB42-TD-1** Traffic Director - 15/16"H x 42"W x 4-3/4"D **ULB44-TD-1** Traffic Director - 15/16"H x 42"W x 4-3/4"D
Weight	2.6 lbs.
Voltage	10 - 16V DC
Cable Length	15', 30', 45', or 60'
Modes	Left Arrow, Right Arrow, Center Out, and Warn (alternating)
Color Combos	For outboard LED flasher sections: Amber/Amber, Blue/Blue, Red/Red, Red/Blue

Star LED Traffic Directors are designed to give you mobile, on-site traffic-directing capabilities. Made from durable extruded aluminum, these traffic directors will not warp or bend. Use them on location for road construction, accident, or roadside repairs to steer traffic away from dangerous situations and roadway hazards. The micro-processor control unit with tactile switches offers four modes with distinctive flash options.

The TD92 and TD93 series have a polycarbonate face shield that allows for easy cleaning. Ships complete with control unit, attached wire harness (15' standard), mounting brackets, hardware, and instructions.

TD92

TD93

The TD93 DLXT modules "front load" for easy replacement of individual heads! Ships complete with control unit, attached quick-disconnect wire harness (15' standard), L-brackets, hardware, and instructions.

TD93DLXT

12 -3/16"

TD93DLXTAR0

18-3/4"

TD93DLXTAR02

12 -3/16"

TD93DLXTAR0-S

Standard Models

TD92	Traffic Director with eight LED heads, no arrows
TD93	Traffic Director with eight LED heads, no arrows
TD93DLXT	Traffic Director with eight LED heads, no arrows
TD93DLXTAR0	Traffic Director with eight LED heads, arrows with four LED heads, available lengths 48", 60", 72", 84", 96"
TD93DLXTAR02	Traffic Director with eight LED heads, arrows with eight LED heads, available lengths 48", 60", 72", 84", 96"
TD93DLXTAR02-S	Split Traffic Director with eight LED heads, arrows with four LED heads

Specifications

Dimensions	**TD77 -2** Control unit - 1-1/2"H x 6"W x 4-1/2"D **TD92-1** Stick only - 1-1/2"H x 47-1/2"W x 1-1/2"D **TD93-1** Stick only - 2-7/32"H x 47-1/2"W x 1-1/2"D **TD93DLXT-1** Stick only - 2-7/32"H x 47-1/2"W x 1-1/2"D (less arrows)
Weight	**TD92, TD93, TD93DLXT** - 10 lbs. **TD93DLXTAR0** - 15 lbs. **TD93DLXTAR02** - 19 lbs.
Voltage	10 - 16V DC (available 24V DC, TD93DLXT only)
Amp Draw	**TD92, TD93** - 2.1 amps (max) **TD93DLXT** - 2.7 amps (max) **TD93DLXTAR0, TD93DLXTAR0-S** - 4.1 amps (max) **TD93DLXTAR02** - 4.8 amps (max)
Cable Length	15', 22", 30', 45', or 60'
Modes	Left Arrow, Right Arrow, Center Out, and Warn (alternating)
Approvals	SAE J595, California Title 13

PARTS	PART#
TD92 LED stick only	TD92-1
TD93 LED stick only	TD93-1
TD93DLXT LED stick only	TD93DLXT-1
Control Unit	TD77-2
TD92 L-bracket mount kit	TD77-6K
TD93 & TD93DLXT L-bracket mount kit	274-LLBK
TD93DLXT (replacement head)	TD93DLXTRH

TDDL15 SERIES HIGH INTENSITY LED TRAFFIC DIRECTOR

These LED Traffic Directors are designed to give you mobile, on-site traffic-directing capabilities with 24 high intensity Star Generation IV LEDs (8-arrays, 3 LEDs per array). The black anodized extruded aluminum will not warp or bend. Use them on location for road construction, accident, or roadside repairs to steer traffic away from dangerous situations and roadway hazards. The micro-processor control unit with tactile switches offers four modes with distinctive flash options. Polycarbonate face shields allow for easy cleaning. Ships complete with control unit, attached quick disconnect wire harness, mounting brackets, hardware, and instructions. Specific models are available with mounting brackets designed for Chevy Tahoe (TDDL15-42TA with a standard 22' wire harness) and Ford Crown Victoria (TDDL15-47CV with a standard quick disconnect 15' wire harness).

TDDL15-42TA

PARTS	PART#
Control unit	TD77-2
TDDL15-47 bracket mount kit	274-LLBK
TDDL15-42TA bracket mount kit	TD92-7KTA
TDDL15-47CV bracket mount kit	DL15-BKTCV
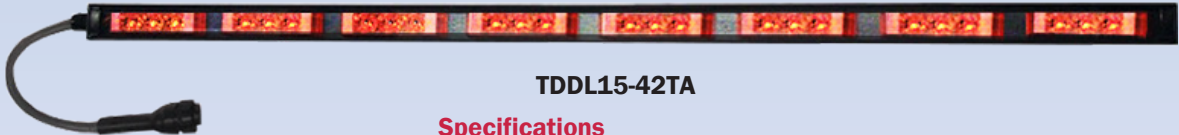
Specifications

Dimensions	**TD77 -2 Control unit** - 1-1/2"H x 6"W x 4-1/2"D **TDDL15-47-1 LED stick** - 1-9/16"H x 47"W x 1-5/16"D **TDDL15-36-1 LED stick** - 1-9/16"H x 36"W x 1-5/16"D **TDDL15-42-1 LED stick** -1-9/16"H x 42"W x 1-5/16"D
Weight	8 lbs.
Voltage	10 - 16V DC
Amp Draw	3.0 amps max
Cable Length	15', 22', 30', 45', or 60'
Approvals	SAE J595, California Title 13

STARBURST™ DL15-30W SERIES WARNING/TRAFFIC DIRECTORS

The Starburst™ DL15-30W series Warning LED light & LED Traffic Director is an all-in-one, 28", low profile (only 1-9/16" tall), 30 high intensity Star Generation III LED unit. It can be used as a warning light with 30 different customer selectable flash patterns or, with the flip of a switch, function as a Traffic Director with three different traffic director modes each having six different custom patterns from which to choose. Rotationally adjustable and waterproof, this unit can be utilized in a variety of applications. Current limit protection over entire operating voltage range and reverse polarity protection allows you worry free operation. The Starburst™ DL15-30W is offered in a variety of colors and color combinations. The DL15-30W can also be used primarily as a Traffic Director. Simply order all Amber LEDs or a color combination of 18 center Amber LEDs and then choose color combinations of RED/RED, RED/BLUE or BLUE/BLUE for the remaining outer six left side and six right side LEDs. An optional traffic director switch panel (SP1515-TDC) or control box (TD77-2) is available. Ships complete with 15' six conductor cable, three sets of mounting legs, hardware, and instructions.

DL15-30W-ARB

Customer Selectable Traffic Director Modes:
3 Modes: Left Arrow, Right Arrow, Center Out

6 Patterns for each arrow mode:*
Traveling arrow, traveling arrow with double flashing end module, traveling arrow with continuous alternating flashing end modules (hazard lights), non-traveling arrow, non-traveling arrow with double flashing end module, non-traveling arrow with continuous alternating flashing end modules (hazard lights).

PARTS	Part #
Deck mount kit	DL15-SMTK
Optional traffic director	
Control panel	SP1515-TDC
Control Box (with LED feedback)	TD77-2
Short legs (pair)	DL15-BKT-S
Medium legs (pair)	DL15-BKT-M
Tall legs (pair)	DL15-BKT -T

Specifications

Dimensions	1-9/16"H x 28"W x 1-5/16"D
Weight	3 lbs.
Voltage	10 - 16V DC
Amp Draw	4 amps (max with all LEDs illuminated)
Colors	All Amber, All Blue, All Red, or Combinations of: Amber/Blue, Amber/ Red, Red/Blue, Red/White
Mounting Options	Universal Mounting Channel 2-7/8" permanent mount legs 1-3/4" permanent mount legs
Approvals	SAE J595 and California Title 13 for RED and BLUE (does not apply to all flash patterns)

ULB9 & ULB9S STAR MINI-PHANTOM™ UNDERCOVER LED LIGHT

The patented Star Mini-Phantom™ interior mount, LED light is perfect for undercover or unmarked vehicle applications. The ULB9 has an extremely thin profile, less than 1" high, that easily mounts to your dash, deck, mirror, or windows (with suction cups). At only 9" long, the 66 long life, alternate flashing LEDs give the Star Mini-Phantom™ the power and flexibility you need with 35 customer selectable flash patterns at the push of a button. The ULB9 is also available with a 12' hardwire lead version that will synchronize with other ULB9's (Model# ULB9-1). The S-Link System™ is standard offering synchronizing capability with other Star LED units. Rear and front two head kits are also available (RLKULB9-1, FLKULB9) that offers 6 customer selectable flash patterns. The ULB9 ships complete with a cig. plug with lighted On/Off switch and pattern select, 3 versatile mount options (suction cup mount, rear view mirror mount, and dash or deck mount), hardware, and instructions.

ULB9

Includes ULB9-BKT kit (mirror mount, deck mount and suction cup mount)

The new ULB9S Starburst Mini-Phantom™ Undercover LED Light is ideal for unmarked vehicles. The ULB9S is equipped with six Star Generation IV Starburst LEDs and with its slim profile stands less than 1" high. The ULB9S is also available with 35 customer selectable flash patterns via the On/Off and Pattern Select switched cig. plug. The ULB9S-1 comes with a 12' cable that will synchronize with any other Star LED light. Rear or front two head kits available (RLKULB9S-1, FLKULB9S) that offer six customer selectable flash patterns.

ULB9S

Includes ULB9-HOOD-1, ULB9-HOOD-FL

Optional Mounts Available

Mirror Mount

Deck Mount

Suction Cup Mount

Available: 274-ULB9CH Dodge Charger Headliner Bracket

ULB9-HOOD-1

ULB9-HOOD-FL

ULB9-HOOD

PARTS	Part#
Suction cup (one).....................................DL15-CUP
Complete universal mount kit...............274-ULB9BKT
Cig. plug w/lighted On/Off switch w/pattern select.....................................920-PAT20LO
Hood...ULB9-HOOD
Hood kit w/adhesive window mount...ULB9-HOOD-1
Flush mount hood.................................ULB9-HOOD-FL

Standard Models

ULB9	Cig. plug with lighted On/Off switch
ULB9-1	12' wire leads
RLKULB9-1	Rear kit consisting of two ULB9-1s with 12' wire lead and 3' cable separating heads
FLKULB9	Front kit consists of two ULB9's with cig. plug with 3' cable separating heads
ULB9S	Cig. plug with lighted On/Off switch
ULB9S-1	12' wire leads
RLKULB9S-1	Rear kit consists of two ULB9S-1's with 12' wire leads with 3' cable separating heads
FLKULB9S	Front kit consists of two ULB9S's with cig. plug with 3' cable separating heads

Specifications

Dimensions	15/16"H x 9"W x 1-3/8"D
Weight	Less than 1 lb.
Voltage	10 - 16V DC
Amp Draw	1.4 amps max
Color Combos	Amber, Blue, Green, Red, White
Approvals	**ULB9S** - SAE J595 Class I, California Title 13 when properly configured

Amp draw will vary depending on the color of the LED heads used and the flash pattern selected

DLXT SERIES THINLINE PERIMETER LED LIGHTS

At only 1/2" thick, these high intensity LED lights are built with fully encapsulated circuitry and can be mounted just about anywhere, interior or exterior! Available in four different series, these LED heads can be mounted in either Black or Chrome finishes. Reverse polarity protected and current limiting protection over the entire operating voltage is standard. The S-Link System™ is also standard, offering synchronizing capability with other Star LED units. Optional mounting brackets are available for the single rectangular series only. Ships complete with permanent mounting hardware, gaskets, and instructions.

Thinline Only
1/2"

DLXT-121
Single Black Bezel
Surface mount or mount with
optional brackets

DLXT-121C
Single Chrome Bezel
Surface mount or mount with
optional brackets

Dual Black Bezel
Surface mount

Triple Black Bezel
Surface mount

DLNT-122S
Dual Black Switch Bezel
Interior surface mount

DLNT-121S
Single Black Switch Bezel
Interior surface mount

Standard Models

DLXT Series Standard warning LED light, 21 customer selectable flash patterns; including Steady-On

DLHT Series Hazard Turn Light, synchronized flashing warning lights (flashes with turn signal input), 20 customer selectable flash patterns

DLTT Series Auxiliary stop/tail/turn LED light, dim day time running tail lights (turn bright with brake signal and flash with turn signal)

DLNT Series 16 LED steady burn value head, down lighting

DLNT-S Series 16 LED steady burn value head, down lighting with on/off switch, for interior mounting only

Specifications

Dimensions **Single Bezel** - 2-1/4"H x 5-3/4"W x 1/2"D
Double Bezel - 4"H x 5-3/4"W x 1/2"D
Triple Bezel - 5-3/4"H x 5-3/4"W x 1/2"D
Single Switch Bezel - 2-1/4"H x 6-7/8"W x 1/2"D
Double Switch Bezel - 4"H x 6-7/8"W x 1/2"D

Weight Less than 1 lb.

Voltage 10 - 16V DC or 24V DC

Amp Draw 0.3 amps @ 12V DC
0.2 amps @ 24V DC

Color Combos **DLXT, DLHT** - Amber/Amber, Blue/Blue, Green/Green, Red/Red, White/White, Amber/Blue, Amber/Red, Amber/White, Red/Blue, Blue/White, Red/White
DLTT, DLNT - Red/Red, White/White, Green/Green, Blue/Blue, Amber/Amber
DLNT-S - Single Bezel: White, Red
Double Bezel: White/White, Red/Red, Red/White

Specific model numbers vary between series and color combinations. Call for details when ordering.

DLXT-124
Oval Black Bezel
Surface mount or use with standard
6" oval rubber grommets
(not for use with optional brackets)

Oval Bezel
Easily fits standard
6" oval rubber grommets.
(grommets not included, order
part #527)

OPTIONAL MOUNTING BRACKETS FOR DLXT SERIES LIGHTS
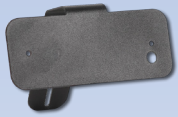
274-DLXT-T
Trunk mounting
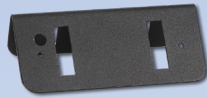
274-DLXT-45
45° Angle mounting

274-DLXT-U
L-Bracket for
universal mounting

274-DLXT-W
Window mounting
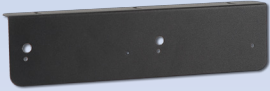
274-DLXT-1X2
L-Bracket for mounting two
single bezel series LED lights
horizontally
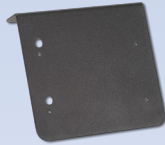
274-DLXT-2X1
L-Bracket for mounting
two single bezel series
LED lights vertically
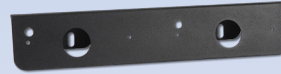
274-DLXT-RL
Bracket for license plate
mounting

OPTIONAL MOUNTING BRACKETS FOR VERSA STAR® SERIES LIGHTS

274-DLX4-6-T
Trunk mounting

274-DLX4-6-45
45° Angle mounting
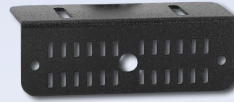
274-DLX4-6-U
L-Bracket for
universal mounting

274-DLX4-6-W
Window mounting
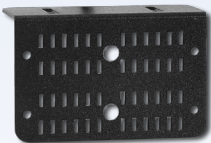
274-DLX4-6-2X1
L-Bracket for mounting two DLX4
or DLX6 LED lights vertically
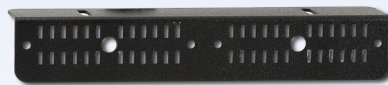
274-DLX4-6-1X2
L-Bracket for mounting
two DLX4 or DLX6
LED lights horizontally
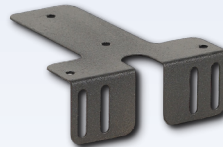
274-DLX4-6-H
Headliner bracket for
DLX4-HK, DLX4-HK2, DLX6-HK,
and DLX6-HK2 series with a
flashback hood

BB274-DLX-VC
Visor clip mounting
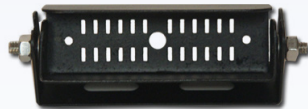
BB274-DLX6-BAIL
Bail bracket mounting

274-DLX4-6-RL
License plate mounting
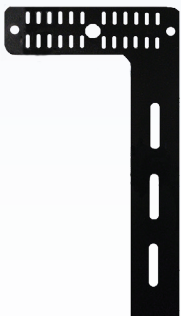
BB274-DLX4-6-SLP
Pickup rear window mounting

BB274-DLX4-6-RHK
Pickup rear window mount using
hanger clips

BB274-DLX46LPM
Adjustable license plate
mounting

Versa Star® LED Lights

Versa Star® DLX3, DLX4 and DLX6 Series are versatile LED warning lights that are built with fully encapsulated circuitry and can be mounted just about anywhere, interior or exterior! DLX3, DLX4 & DLX6s are the same size which allows for easy relocation or reconfiguration. The DLX3 and DLX4 are designed for flush or bracket mounting while the DLX6 is designed for bracket mounting only. The DLX6 also incorporates a heavy duty heat sink. All the Versa Star® series include the same snap on black (standard) bezel, Chrome bezel, or white bezel. These high intensity Star Generation IV LED lights are reverse polarity protected and current limiting protection over the entire operating voltage is standard. The S-Link System™ is also standard, offering synchronizing capability with other Star LED units. This, coupled with 21 customer selectable flash patterns give these LED lights extreme versatility in the field. Optional mounting brackets are also available. Ships complete with permanent mounting hardware, gaskets, and instructions.

DLX3

DLX4

DLX6

Standard Models

DLX3	Three array LED head with black bezel
DLX3H-A	Three array high power LED head with black bezel (only Amber)
DLX4	Four array LED head with black bezel
DLX4C	Four array LED head with chrome bezel
DLX6	Six array LED head with black bezel
DLX6C	Six array LED head with chrome bezel

Specifications

Dimensions	1" H x 3-5/8" W x 3/4" D (single units)
Weight	Less than 1 lb.
Voltage	**DLX3** - 10 - 16V DC **DLX4, DLX6** - 10 - 30V DC
Amp Draw	**DLX3** - .29 amps **DLX4** - 0.7 amps @ 12V DC, 0.3 @ 24V DC **DLX6** - 0.9 amps @ 12V DC, 0.5 @ 24V DC
Color Combo	**DLX3** - Single colors only (Amber, Blue, Green, White, Red) **DLX4** and **DLX6** - Amber/Amber, Blue/Blue, Green/Green, Red/Red, White/White, Amber/Blue, Amber/Red, Amber/White, Red/Blue, Red/White, Blue/White
Approvals	**DLX3** - SAE Class II (Amber, White), SAE Class I (Blue, Red) **DLX3H-A** - SAE J595 Class I, California Title 13 - Amber only **DLX4** - SAE J595 Class I (Amber, White, Blue, Red) California Title 13 (Blue, Red) **DLX6** - SAE J595 Class I, California Title 13 (Amber, Blue, Red, Red/Blue), SAE J595 Class I (White)

Amp draw will vary depending on the color of the LED heads used and the flash pattern selected

PARTS	Part#
Black bezel	30019-150B
Chrome bezel	30019-150P
Hardware kit DLX3 & DLX4	S30017-38
Hardware kit for DLX6	S30017-39
Optic fluted bezel 66%	136-4
Optic fluted bezel 100%	136-6

Versa Star® DLX4-HK Series & DLX6-HK Series are versatile LED warning lights that are built with fully encapsulated circuitry. These come with flashback hoods that include either a cig. plug or a 12' wire harness. These high intensity Star Generation IV LED lights are reverse polarity protected and current limiting protection over the entire operating voltage is standard. The S-Link System™ is also standard offering synchronizing capability with other Star LED units. This, coupled with 21 customer selectable flash patterns, give these LED lights versatility in the field. Optional mounting brackets are available. Ships complete with permanent mounting hardware, and instructions.

DLX4-HK

DLX4-HK2

DLX6-HK

DLX6-HK2

Standard Models

DLX4-HK	Four array LED head with flashback hood, cig. plug
DLX4-HK-1	Four array LED head with flashback hood, 12' wire harness
DLX4-HK2	Dual four array LED heads with flashback hood, cig. plug
DLX4-HK2-1	Dual four array LED heads with flashback hood, 12' wire harness
DLX6-HK	Six array LED head with flashback hood, cig. plug
DLX6-HK-1	Six array LED head with flashback hood, 12' wire harness
DLX6-HK2	Dual six array LED heads with flashback hood, cig. plug
DLX6-HK2-1	Dual six array LED heads with flashback hood, 12' wire harness

Specifications

Dimensions	**DLX4-HK, DLX6-HK** - 1-1/4"H x 3-1/2"W x 7-1/2"D **DLX4-HK2, DLX6-HK2** - 1-1/4"H x 3-1/2"W x 3-7/8"D
Weight	**DLX4-HK, DLX6-HK, DLX4-HK2** - less than 2 lbs. **DLX6-HK2** - 2 lbs.
Voltage	**DLX4-HK*-1, DLX6-HK*-1** - 10 - 30V DC **DLX4-HK*, DLX6-HK*** - 10 - 16V DC
Amp Draw	**DLX4** - 0.7 amps @ 12V DC, 0.3 @ 24V DC **DLX6** - 0.9 amps @ 12V DC, 0.5 @ 24V DC
Color Combo	**DLX4, DLX6** - Amber/Amber, Blue/Blue, Red/Red, Green/Green, White/White, Amber/Blue, Amber/Red, Amber/White, Red/Blue, Red/White, Blue/White
Approvals	**DLX4** - SAE J595 Class I (Amber, White, Blue, Red) California Title 13 (Blue, Red) **DLX6** - SAE J595 Class I, California Title 13 (Amber, Blue, Red, Red/Blue), SAE J595 Class I (White)

Amp draw will vary depending on the color of the LED heads used and the flash pattern selected

PARTS	Part#
Cig. plug	920-PAT20L0
Single hood	P30019-234
Double hood	P30019-235
Mounting kit	274-ULB9BKT
Single hood mounting kit	274-DLX4-6-HK
Black bezel	30019-150B
Chrome bezel	30019-150P

DLXTH & DLHTH Series LED Lights

At only .84" thick, these high intensity Star Generation IV LED lights are built with fully encapsulated circuitry and can be mounted just about anywhere. There are 25 selectable flash patterns when mounted in pairs, including Steady-On. Available in four different series, these LED heads can be mounted in a bezel, chrome ring, grommet, or window mount. S-Link System™ is also standard offering synchronizing capability with other Star LED units. A weatherproof connector model is also available. Ships complete with permanent mounting hardware, and instructions.

Thinline ONLY 0.84"

Recessed Chrome Ring

DLXTHR-4

DLXTHU-1

Standard Models

DLXTHR-1	4" Round with bezel
DLXTHR-4	4" Round with grommet
DLXTHR-5	4" Round with chrome ring
DLXTHU-1	6" Oval with bezel
DLXTHU-4	6" Oval with grommet
DLHTHR-1	4" Round Hazard/Turn Auxiliary LED light with bezel
DLHTHR-4	4" Round Hazard/Turn Auxiliary LED light with grommet
DLHTHU-1	6" Oval Hazard/Turn Auxiliary LED light with bezel
DLHTHU-4	6" Oval Hazard/Turn Auxiliary LED light with grommet

Specifications

Dimensions	Round with bezel - 5.1"D x .84"H Round with grommet - 4.5"D Oval with bezel - 7.25"L x 3"D x .84"H Oval with grommet - 6.88"L x 2.5"W
Weight	Less than 1 lb.
Voltage	10 - 30V DC
Color Combos	Amber, Red, Blue, White, Green
Amp Draw	.54 amps max
Approvals	SAE J595 Class I (Amber, White, Blue Clear, Red Clear) SAE Class II (Red) & California Title 13 (Amber, Blue Clear, Red Clear) Hazard - SAE J595 Class I (Amber only) California Title 13 (Amber in round only)

Specific model numbers vary between series and color combinations. Call for details when ordering.

Star Mini-Comet™

The new Star Mini-Comet™ has maximum light output in a minimum package. The Star Mini-Comet™ can mount almost anywhere and can mount in any direction. There is no need to install a separate flasher unit, it's built in to this miniature housing. Don't let the Star Mini-Comet™ fool you. It packs awesome light power using six Star Generation IV LEDs. There are 25 selectable flash patterns when used in pairs, including Steady-On. The circuitry is fully encapsulated within the housing for vibration and water protection. The lens has defusing optics for wider coverage. S-Link System™ is also standard and has synchronizing capability with other Star LED units. The kit includes a snap-on polycarbonate black, chrome or white bezel that will hide screw heads for a clean install.
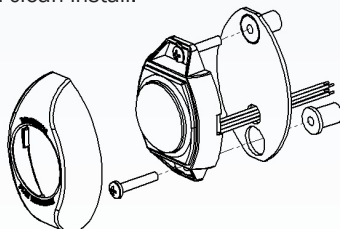
DLS306

Standard Models

DLS306	Spherical LED head with self contained flasher and black bezel
DLS306C	Spherical LED head with self contained flasher and chrome bezel

Specifications

Dimensions	7/8" H x 1-7/8" W x 2-9/16" L
Weight	Less than 1 lb.
Voltage	10 - 30V DC
Color Combos	Amber, Red, Blue, White, Green, Amber/Blue, Amber/Red, Amber/White, Blue/White, Red/Blue, Red/White
Amp Draw	1.2 amps max

Installation on a metal surface is highly recommended for proper hear dissipation, allowing the light to obtain full brightness.

These high intensity Star Generation IV LEDs are self-contained, steady burn or flashing LED heads with built in flashers, are ready for quick installation in any situation. S-Link System™ is also standard offering synchronizing capability with other Star LED units. The high efficiency optics are available in two options; Spot and Trapezoidal.

LDHF362
Swivel Bracket

LDHF363
Rubber Tractor Housing

LDH-364
Rubber Grommet

PARTS	Part#
Mounting hardware	S30017-33
Tractor housing	P30146-16
Swivel mounting bracket	274-LDH-362
Rubber grommet	P30199-7

Steady Burn Lights Only (LDH-36 Series) - ISO 7637-2 spike protection

Flashing and Hazard Turn Lights Only LDHF36 - flashing and LDHT36 Hazard Series added turn signal input in order to override warning pattern (LDHT36 only).

Standard Models
Steady Burn Models

LDH-361-S	Sealed beam replacement with spot optics
LDH-361-T	Sealed beam replacement with trapezoidal optics
LDH-362-S	Swivel mount with spot optics
LDH-362-T	Swivel mount with trapezoidal optics
LDH-363-S	Rubber tractor mount with spot optics
LDH-363-T	Rubber tractor mount with trapezoidal optics
LDH-363M-S	Rubber tractor mount with magnet, spot optics
LDH-363M-T	Rubber tractor mount with magnet, trapezoidal optics
LDH-364-S	Rubber grommet mount with spot optics
LDH-364-T	Rubber grommet mount with trapezoidal optics

Flashing Models

LDHF362-T	Swivel mount with trapezoidal optics
LDHF363-T	Rubber tractor mount with trapezoidal optics
LDHF364-T	Rubber grommet mount with trapezoidal optics

Hazard Turn Models

LDHT362-T	Swivel mount with trapezoidal optics
LDHT363-T	Rubber tractor mount with trapezoidal optics
LDHT364-T	Rubber grommet mount with trapezoidal optics

Specifications

Dimensions	4" round
Weight	**LDH-361** - 1 lb. **LDH-362, LDHF362** - 1 lb. **LDH-363, LDHF363** - 2 lbs. **LDHF364** - 1 lb.
Voltage	10 - 30V DC
Amp Draw	1.1 amps max
Colors	**Steady Burn** - Amber, Clear **Flashing** - Amber, Blue, Clear, Green, Red, Blue LED Clear lens, Red LED Clear lens
Approvals	SAE J595 Class I, California Title 13 where applicable

The Starburst™ series LED lights are compact, durable, and powerful. They are designed for dash, deck, window, mirror, or grille mounting. The DL15 series LED lights are high intensity, Star Generation III LED lights, offered in 6" or 11" widths, and are rotationally adjustable. They include customer selectable flash patterns, reverse polarity protection and auto-voltage adjustment (10 - 16V DC). The circuitry is encased in a rugged extruded aluminum housing for protection, against shock and vibration. Rated for up to 100,000 hours of use with an extremely low amp draw. These units are ideal for all types of emergency vehicles. They are shipped complete with a universal mounting channel, suction cups, and three different sized pairs of mounting legs.

DL15-6

DL15-6W-1K

DL15-6GMB

DL15-6MMB

DL15-12

Standard Models

DL15-6 — Interior mount only, 6 LED array unit, cig. plug with lighted on/off switch, pattern select switch, twenty-nine different customer selectable flash patterns

DL15-6W — Interior/Exterior mount, 6 LED array unit, weatherproof 12' three conductor cable, twenty-nine different customer selectable flash patterns

DL15-6W-1K — Interior/Exterior mount synchronized kit, one pair of 6 LED array units (two DL15-6W-1 units that can be synchronized for Simultaneous or Alternating flashing), weatherproof 12' three conductor cables, 3 different customer selectable flash patterns

DL15-6GMB — Interior/Exterior mount, grille mount bracket, 6 LED array unit, weatherproof connector, 12' three conductor cable, twenty-nine different customer selectable flash patterns

DL15-6MMB — Interior mount only, mirror mount bracket, 6 LED array unit, cig. plug with On/Off switch, pattern select switch, twenty-nine different customer selectable flash patterns

DL15-12 — Interior mount only, 12 LED array unit, cig. plug with lighted on/off switch, pattern select switch, thirty-five different customer selectable flash patterns

DL15-12W — Interior/Exterior mount, 12 LED array unit, weatherproof 12' three conductor cable, thirty-four different customer selectable flash patterns

Specifications

Dimensions — **DL15-6** Series - 1-9/16"H x 6"W x 1-5/16"D
DL15-12 Series - 1-9/16"H x 11"W x 1-5/16"D

Weight — Less than 2 lbs.

Voltage — 10 - 16V DC

Amp Draw — **DL15-6** Series - 0.8 amps
DL15-12 Series - 1.6 amps

Colors — Amber, Blue, Red, White, Green

Approvals — SAE J595, Class I and California Title 13 for RED and BLUE (*does not apply to all flash patterns)

PARTS	Part#
Universal mount kit	DL15-BKT
Deck mount kit	DL15-SMTK
Suction cup kit (four)	DL15-CUPK
Suction cup (one)	DL15-CUP
Grille mount bracket kit	274-DL15GMB
Mirror mount bracket kit	274-DL15MMB
Cig. plug	176-SW

DL16 SERIES ADJUSTABLE REAR DECK LED LIGHT SYSTEMS

The DL16 series interior mount rear deck light system is designed with the ability to expand up to 8-1/2" and can fit around the third brake light found on the rear deck of most of today's sedans. These light systems are also height adjustable from 1/2" - 1-1/4" allowing for maximum installation flexibility. The DI16-CV, DL16V-CV abd DL16-6CV models wre specifically designed to allow for quick and easy "No Drill' installation on the Ford Crown Victoria. Choose from our standard LED models or high intensity Star Generation III LED versions. Four or six heads are mounted in a non-reflective power coated, lightweight, aluminum housing that incorporates a flashback reduction hood. They offer 35 customer selectable flash patterns, flash pattern select wire, selectable Day/Night mode, reverse polarity protection, auto voltage adjustment (10 - 16V DC) and are rated for up to 100,000 hours of use with an extremely low amp draw. The DL16 series is shipped complete with a 15' wire harness, mounting hardware, and instructions.

DL16

DL16V

DL16V-6

Expandable up to 8-1/2"

Specifications

Dimensions	**4-Head** - 3"H x 21"W x 7"D **6-Head** - 3"H x 20-1/2"W x 5-3/4"D
Weight	4 lbs.
Voltage	10 - 16V DC
Amp Draw	**DL16V, DL16V-6** - Less than 1 amp **DL16** - 1.6 amps
Lens Color	Amber, Blue, Clear, Green, Red
Approvals	**DL16 Only** - SAE J595 Class I and California Title 13 for Red & Blue (see instruction sheet for applicable flash patterns)

Amp draw will vary depending on the color of the LED heads used and the flash pattern selected

STARVISOR II™ VL22 SERIES LED LIGHT

The StarVisor II™ series high-intensity LED lights give you plenty of possibilities to customize to your individual needs. The StarVisor II™ VL22 series offers 30 different customer selectable flash patterns along with Auto-Tilt™ Automatic Activation that automatically switches on when visor is pulled down and automatically switches off when visor is lifted up (Auto-Tilt™ feature can be disabled). A high impact resistant polycarbonate plastic housing, vibration resistant LED technology, and a micro-controlled solid state flasher allow for long life. Power indication LED allows you to see ready status. Auto-voltage adjust compensates for varying vehicle voltage (10 - 16V DC). Designed for visor mounting only. Ships complete with cig. plug, hook and loop fasteners, and instructions.
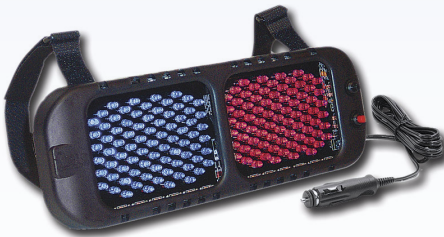
VL22

Specifications

Dimensions	4"H x 11-1/2"W x 7/8"D
Weight	Less than 1 lb.
Voltage	10 - 16V DC
Amp Draw	1.5 amps
Colors	Red/Blue, Blue/Blue, Red/Red, Amber/Red, Amber/Blue, Amber/Amber, Red/White, Amber/White, Amber/Green, White/White

Amp draw will vary depending on the color of the LED heads used and the flash pattern selected

PARTS	Part #
Cig. plug	176
Clear lens	30129-10C
Hook & loop strap	30209-1
Back plate	30019-59
Back plate screw	30052-32
Switch button nut	30007-81-1
Front housing/frame	30214-2

HIDE-A-STAR™ IN-LINE REMOTE FLASHING LED KITS

Hide-A-Star™ in-line remote flashing LED kits are designed with NEW LED technology and self-contained, LED flashing circuitry. No need for a remote flasher module! The optics boost and concentrate light for maximum LED output. The spherical LED heads are designed with diffusing optics for extremely wide angle light. Nickel plated aluminum housings allow for our advanced thermal heat management and easily replace standard hide-away remote strobe tubes with 1" mounting holes. S-Link System™ is standard offering synchronizing capability with other Star LED units. There are 25 customer selectable flash patterns with a Steady-On option along with customer changeable colored lenses (white kit only), giving these LED lights versatility in the field. Ships complete with mounting hardware, one each colored lens (in white kits only), and instructions.

LDHF301 Series
directional head

LDHF311 Series
spherical head

Standard Models

LDHF301 Series Kits   Available in two cable lengths:
LDHF301-*-10: 10' cable
LDHF301-*-30: 30' cable

LDHF311 Series Kits   Available in two cable lengths:
LDHF311-*-10: 10' cable
LDHF311-*-30: 30' cable

Specifications

Weight	**LDHF301, LDHF311** (w/10' of cable) - 1.2 lbs.
	LDHF301, LDHF311 (w/30' of cable) - 2.3 lbs.
Voltage	12 - 24V DC
Amp Draw	0.5 amps per head max.
Lens Color	Amber, Blue, Clear, Green, Red
Mounting	1" hole

HIDE-A-STAR™ REMOTE FLASHING LED KITS

Hide-A-Star™ remote flashing LED kits are designed with NEW LED technology. The optics boost and concentrate light for maximum LED output. The spherical LED heads are designed with diffusing optics for extremely wide angle light. Nickel plated aluminum housings allow for our advanced thermal heat management and easily replace standard hide-away remote strobe tubes with 1" mounting holes. S-Link System™ is standard offering synchronizing capability with other Star LED units. There are 20 customer selectable flash patterns along with customer changeable colored lenses (white kit only), giving these LED lights versatility in the field. Each kit ships complete with mounting hardware, one each colored lens (white kit only), and instructions.

LDK302 Series
directional head

LDK312 Series
spherical head

Standard Models

LDK302 Two head LED kit includes
1 - Flasher module
1 - 4' cable with attached connectors
1 - 8' cable with attached connectors
2 - LED head assemblies with 2' leads with attached connectors

LDK304 Four head LED kit includes
2 - Flasher module
2 - 4' cable with attached connectors
2 - 8' cable with attached connectors
4 - LED head assemblies with 2' leads and attached connectors

LDK312 Two head LED kit includes
1 - Flasher module
1 - 4' cable with attached connectors
1 - 8' cable with attached connectors
2 - LED spherical head assemblies with 2' leads and attached connectors

LDK314 Four head LED kit includes
2 - Flasher module
2 - 4' cable with attached connectors
2 - 8' cable with attached connectors
4 - LED spherical head assemblies with 2' leads and attached connectors

Specifications

Weight	**LDK302, LDK312** - 1 lb.
	LDK304, LDK314 - 3.6 lbs.
Voltage	12 - 24V DC
Amp Draw	0.5 amps per head max
Lens Color	Amber, Blue, Clear, Green, Red
Mounting	1" hole
Cable Lengths:	15', 20', 25', 30', or 35'

RSK Series Remote Strobe Kits
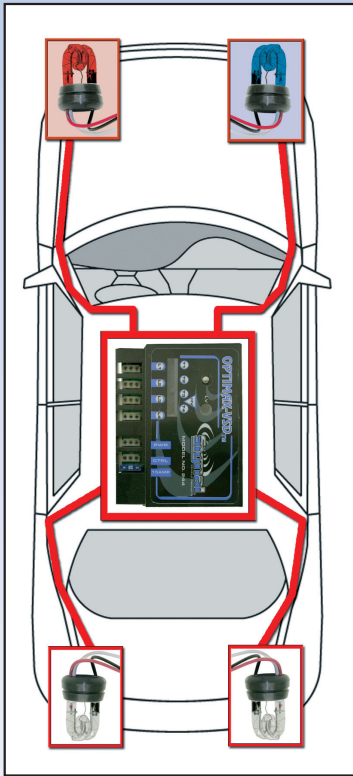
Whether you choose the OPTIMAX™ or the STAR-PAK® you have a quality remote power supply kit that is built to last. These kits include power supplies that are offered in a wide range of output from 20 watts to 90 watts and can control from 2 to 6 remote strobe heads or flash tubes and depending on the model you choose, interior or exterior mount. Several models offer selectable flash patterns and visual diagnostics, as well as day/night mode selections. Kits include remote power supply, strobe heads, standard length cables, and lighted toggle switches. Display boxed kits are also available.

In the unlikely event that your system fails to operate properly, the Visual System Diagnostics (VSD™) helps diagnose the problem for RP244, RP966, and RP996. By observing a series of miniature lamps through windows located on the power supply you can evaluate four important operations of the strobe system:

1. The low voltage (input voltage)
2. The high voltage (output voltage)
3. The trigger lines (power going to strobe tubes)
4. The strobe heads enabled
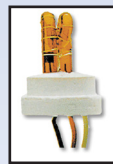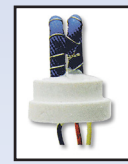
ST413PA	**ST415PC**	**ST413PR**	**ST413PB**
Amber Strobe Tube	Clear Strobe Tube	Red Strobe Tube	Blue Strobe Tube

The PHANTOM™ strobe tubes are designed to mount into headlight, tail light, or marker light housings, allowing your vehicle to blend in with traffic until you are ready to be noticed.

Optimax VSD RSK244P 75 Watt Kit

RSK244P
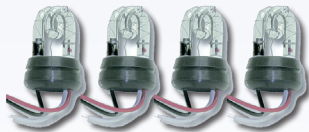
The OPTIMAX-VSD™ RSK244P remote strobe kit is a complete, powerful and economical choice for a four-corner remote strobe system. Six different customer selectable flash patterns (Single, Double, Triple, Quad, Five, or Random) are available, along with head selection and Day/Night mode. Features also include power reduction to operating heads in case of head failure. Ships complete with power & control leads and instructions. Display packaging is available: RSK244P-1.

Standard Kit Includes

RP244	1 - 75 watt remote power supply
ST415PC	4 - Clear strobe tube assemblies
4415	2 - 15' cables with attached connectors
4420	2 - 20' cables with attached connectors
LT1511	1 - Lighted toggle switch

Optimax VSD RSK242P 40 Watt Kit

RSK242P

The OPTIMAX™ RSK242P remote strobe kit is an ideal choice where only two Phantom™ strobe tubes are needed. Six different customer selectable flash patterns (Single, Double, Triple, Quad, Five, or Random) are available along with a customer selectable Day/Night mode. Ships complete with power & control leads, and instructions. Display packaging is available: RSK242P-1.

Standard Kit Includes

RP242	1 - 40 watt remote power supply
ST415PC	2 - Clear strobe tube assemblies
4415	2 - 15' cables with attached connectors
LT1511	1 - Lighted toggle switch

STAR-PAK® RSK310P 24 WATT KIT
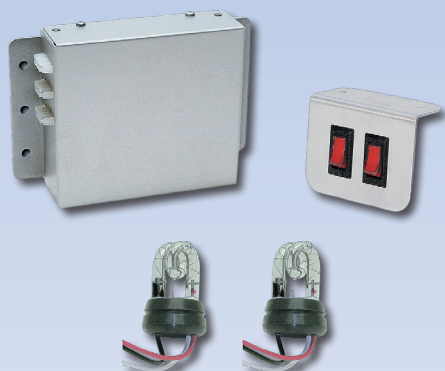
RSK310P

The STAR-PAK® RSK310P remote strobe kit is an economical choice where only two Phantom™ strobe tubes are needed. A fully encapsulated circuit board resists elements. Using the SP3860-2H switch panal, can be operated in double or quad flash mode. Ships complete with power lead and instructions.

Standard Kit Includes

RP310	1 - 24 watt remote power supply
ST415PC	2 - Clear strobe tube assemblies
4415	2 - 15' cables with attached connectors
SP3860-2H	1 - Lighted On/Off and pattern select switch panel

STAR-PAK® RSK966P 60 WATT KIT

RSK966P

The STAR-PAK® RSK966P remote strobe kit incorporates six outlets with 24 customer selectable flash patterns all in a 60 watt system. Multiple strobe head combinations can be enabled and a customer selectable Day/Night mode is included. Features auto-power reduction to operating heads in case of head failure, RFI protection, and Visual System Diagnostics (VSD™). Ships complete with power & control leads, and instructions. There are four-head and six-head kits available. Display packaging is available: six-head (RSK966P-1), four-head (RSK966P-4-1) optional police prep harness kit for 2007 - 2014 Ford Crown Victoria (RFK996-CV).

Standard Kit Includes

RSK966P	**RP966**	1 - 60 watt remote power supply
	ST415PC	6 - Clear strobe tube assemblies
	4415	6 - 15' cables with attached connectors
	LT1511	1 - Lighted toggle switch
RSK966P-4	**RP966**	1 - 60 watt remote power supply
	ST415PC	4 - Clear strobe tube assemblies
	4415	2 - 15' cables with attached connectors
	4420	2 - 20' cables with attached connectors
	LT1511	1 - Lighted toggle switch

STAR-PAK® RSK996P 90 WATT KIT

RSK996P

The STAR-PAK® RSK996P remote strobe kit incorporates six outlets with 24 customer selectable flash patterns all in a 90 watt system. Multiple strobe head combinations can be enabled and a customer selectable Day/Night mode is included. Features power reduction to operating heads in case of head failure, RFI protection, a cooling fan and Visual System Diagnostics (VSD™). Ships complete with auto-power & control leads and instructions. There are 4-head and 6-head kits available. Display packaging is available: 6-head (RSK996P-1), 4-head (RSK996P-4-1) optional police prep harness kit for 2007 - 2014, Ford Crown Victoria (RFK996-CV).

Standard Kit Includes

RSK996P	**RP996**	1 - 90 watt remote power supply
	ST415PC	6 - Clear strobe tube assemblies
	4415	6 - 15' cables with attached connectors
	LT1511	1 - Lighted toggle switch
RSK996P-4	**RP996**	1 - 90 watt remote power supply
	ST415PC	4 - Clear strobe tube assemblies
	4415	2 - 15' cables with attached connectors
	4420	2 - 20' cables with attached connectors
	LT1511	1 - Lighted toggle switch

REMOTE KITS & HEADS

STAR-PAK® RP310 24 WATT
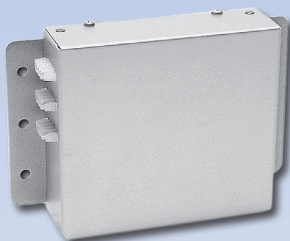
RP310

Standard Models

RP310   Double/Quad flash

Specifications

Dimensions	1-3/4"H x 4-3/4"W x 6-3/4"D
Weight	1 lb.
Outlets	2
Output	24 watts
Voltage	12 - 24V DC
Amp Draw	2.5 amps max

OPTIMAX™ RP242 40 WATT

RP242

Standard Models

RP242   User selectable flash pattern

Specifications

Dimensions	2"H x 5-1/2"L x 4-1/4"D
Weight	1.25 lbs.
Outlets	2
Output	40 watts
Voltage	12 - 24V DC
Amp Draw	4.2 amps max

OPTIMAX™ VSD RP244 75 WATT
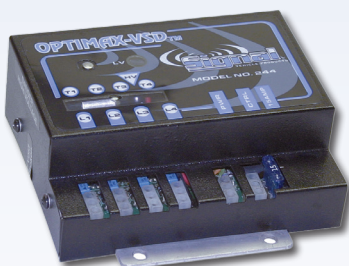
RP244

Standard Models

RP244   User selectable flash pattern, head selectability

Specifications

Dimensions	2"H x 5-1/2"L x 4-1/4"D
Weight	1.25 lbs.
Outlets	4
Output	75 watts
Voltage	12 - 24V DC
Amp Draw	7.8 amps max

STAR-PAK® RP966 60 WATT & RP996 90 WATT

RP996

Standard Models

RP966   60 watt user selectable flash pattern, head selectability
RP996   90 watt user selectable flash pattern, head selectability

Specifications

Dimensions	2-7/8"H x 5-1/2"L x 5-1/4"D
Weight	1.25 lbs.
Outlets	6
Output	**RP966** - 60 watts **RP996** - 90 watts
Voltage	12 - 24V DC
Amp Draw	**RP966** - 7.8 amps max **RP996** - 9.4 amps max

SS670 Full Feature Compact 100 Watt

The SS670 is a full feature 100 watt compact siren. Rotary switch selectable operating modes include Wail, Yelp, Hands Free, Phaser, Manual, Alert, and Radio. Push buttons operate the Manual and Air Horn. Operating function tones are Wail, Yelp, Air Horn, Phaser, Manual, and Two-Tone. This siren can be installed with positive switching for AUX. input. The SS670 is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature. This SS670 also features jumpers for option selections, public address override, and separate volume controls for the radio repeat and public address functions. Includes an attached noise canceling PA microphone and has amber backlighting for easy night time readability. Ships complete with positive locking connector, mic clip, mounting bracket, hardware, and instructions.

SS670

Specifications

Dimensions	2"H x 6"W
Weight	5 lbs.
Output	100 watts (1 speaker)
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps

Approvals   Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

SS700 Full Feature Compact 200 Watt

With the ability to run at 100 or 200 watts for extended periods, the SS700 sets the standard for emergency vehicle sirens. LED speaker diagnostics allow quick troubleshooting. Rotary switch selectable operating modes include Wail, Yelp, Hands Free, Phaser, Manual, Alert, and Radio. Push buttons operate the Manual and Air Horn. Operating function tones are Wail, Yelp, Air Horn, Phaser, Manual, and Two-Tone. This siren can be installed with positive or negative switching for AUX and Park Kill inputs. The SS700 is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature. This unit also features an integrated horn ring transfer, jumpers for option selections, public address override, separate volume controls for the radio repeat and public address functions. Includes an attached noise canceling PA microphone and has amber backlighting for easy night time readability. Ships complete with positive locking connector, mic clip, mounting bracket, hardware, and instructions.

SS700-008

Specifications

Dimensions	2-1/4"H x 6"W
Weight	6 lbs.
Output	100 or 200 watts (1 or 2 speakers)
Voltage	10 - 16V DC (24V available)
Frequency	675-1633Hz
Amp Draw	8 amps (per speaker)

Approvals   Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

SS730 Full Feature Dash Mount 200 Watt

The SS730 is the choice where dash or panel mounting space is a consideration. The SS730 incorporates a telephone cable type connection between the amp box and control head. Rotary switch selectable operating modes include Wail, Yelp, Hands Free, Phaser, Manual, Alert, and Radio. Push buttons operate the Manual and Air Horn. Operating functions tones are Wail, Yelp, Air Horn, Phaser, Manual, and Two-Tone. This siren can be installed with positive or negative switching for AUX and Park Kill inputs. The SS730 is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature. This unit also features jumpers for option selections, public address override, and separate volume controls for the radio repeat and public address functions. Includes an attached noise canceling PA microphone and has amber backlighting for easy night time readability. Ships complete with positive locking connector, mic clip, mounting bracket, hardware, RFI filter, and instructions.

SS730

Specifications

Dimensions	**Control Head** - 2-3/4"H x 6-1/4"W x 1-1/2"D **Amplifier Box** - 2-1/2"H x 7"W x 7-1/3"D
Weight	6.5 lbs.
Output	100 or 200 watts (1 or 2 speakers)
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps (per speaker)

Approvals   Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* AMECA listed* (* when used with SVP drivers and approved tones)

SIRENS

SS741MG DUAL AMPLIFIER 200 WATT

Two sirens in one, the MAGNUM™ has two separate modes of operation, each offering its own distinct tones. It incorporates the use of two isolated amplifiers in one box, each operating one 100 watt speaker, for a total of 200 watts of output. Perfect for dash or panel mounting with use of the telephone type connection made between the amp box and control head. LED speaker diagnostics allow quick troubleshooting. Rotary switch selectable operating modes are Wail, Yelp, Hands Free, Phaser, Manual, Alert, and Radio. Push buttons operate Manual and Air Horn. Operating tones are Wail, Yelp, Air Horn, Phaser, Manual, and Two-Tone. This siren can be installed with positive or negative switching for AUX and Park Kill inputs. The SS741MG MAGNUM™ is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature. This unit also features jumpers for option selections, public address override and separate volume controls for the radio repeat and public address functions. It includes an attached noise canceling PA microphone and is backlit for easy night time readability. Ships complete with a wire harness with positive locking connector, mic clip, mounting bracket, hardware, RFI filter, and instructions.

Specifications

Dimensions	**Control Head** - 2-3/4"H x 6-1/4"W x 1-1/2"D
	Amplifier Box - 2-1/2"H x 7"W x 7-1/3"D
Weight	9 lbs.
Output	200 watts (2 speakers)
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	16 amps

SS741MG

Approvals   Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* AMECA listed* (* when used with SVP drivers and approved tones)

SS650 ECONOMY 100 WATT

Small in size but big on power, the SS650 is ideal for volunteers and vehicles with limited mounting space. This unit is designed to operate one 100 watt speaker and features a 3-position rocker switch to activate Yelp and Wail tones. While in Stand-by mode (off) Manual siren control and Air Horn override are available. The SS650 features jumpers for option selections and is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature.

Specifications

Dimensions	1-3/4"H x 5-3/4"W
Weight	3.5 lbs.
Output	100 watts
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps

SS650

Approvals   Exceeds Acoustical requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

SS651 UNDERCOVER 100 WATT

The SS651 is an ideal choice for undercover applications. It features a 3-position rocker switch that activates the Yelp and Wail. While in Stand-by mode tones while offering Manual siren control and Air horn are available. In Wail or Yelp mode, the Manual button will "step up" the tone to Yelp or Phaser. The compact control panel can be easily mounted under the dash panel. The amplifier section is compact for concealed mounting. The unit is designed to operate one 100 watt speaker. The SS651 features jumpers for option selections and is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature.

Specifications

Dimensions	**Control Head** - 2-1/4"H x 3"W x 1-3/4"D
Weight	3.5 lbs.
Output	100 watts
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps

SS651

Approvals   Exceeds Acoustical requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

SS651MT UNDERCOVER 100 WATT

The SS651MT is the ideal motorcycle siren and switching combination. The switch box gives you operation over the siren functions in addition to while providing you with two 20 amp (max) auxiliary switches to control your front and rear warning lights. Modes include Yelp, Wail, Air Horn, and Phaser. The amp box can be easily mounted in the saddlebags or other confined spaces.

SS651MT

Specifications

Dimensions	**Control Head** - 2-1/4"H x 3"W x 1-3/4"D
Weight	3.5 lbs.
Output	100 watts
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps

Approvals Exceeds Acoustical requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

LCS653 SERIES UNDERCOVER w/AUX SWITCHES 100 WATT

The LCS653 and LCS653-1 are ideal choices for undercover applications requiring a siren and light controls. The LCS653 features two 15 amp On/Off rocker switches while the LCS653-1 features one 15 amp On/Off rocker switch to control auxiliary lighting. The 3-position rocker switch on both units control Yelp and Wail tones while offering Manual siren control and Air Horn override in the Standby mode. The momentary rocker switch on both units provide Phaser override in the Yelp mode. Each of the compact control panels can be easily mounted under the dash panel. The amplifiers are compact for concealed mounting. These units are designed to operate one 100 watt speaker. Customer selectable jumpers for option selections, protection against speaker shorts with a self-resetting circuit, and a high & low voltage shutdown are standard. Ships complete with positive locking connector, hardware, and instructions.

LCS653

LCS653-1

Specifications

Dimensions	**Control Head** - **LCS653, LCSW653-1** - 2-1/4"H x 3"W x 1-3/4"D
Weight	3.5 lbs.
Output	100 watts
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps
Aux Lighting Controls	**LCS653** - Two **LCS653-1** - One
Approvals	Exceeds Acoustical requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

LCS652 ECONOMY w/AUX SWITCHES 100 WATT

The LCS652 features two 15 amp On/Off rocker switches to control auxiliary lighting. This unit is designed to operate one 100 watt speaker. The 3-position rocker switch controls Yelp and Wail tones while offering Manual siren control and Air Horn override in the Standby mode. In Wail or Yelp mode, the Manual button with "step up" tone to Yelp or Phaser. Customer selectable jumpers for option selections, protection against speaker shorts with a self-resetting circuit, and a high & low voltage shutdown are standard.

LCS652

Specifications

Dimensions	2"H x 6"W
Weight	3.5 lbs.
Output	100 watts
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps
Aux Lighting Controls	Two

Approvals Exceeds Acoustical requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

LCS600 PA/Air Horn/Aux Security Mic 100 Watt

The patented LCS600 microphone control head features Public Address function, Air Horn, and either Radio Repeat function or 20 Amp Light Control relay. Also included are LED indicators for Power and Auxiliary function (Light Control or Radio Repeat). On/Off/Volume is controlled with a rotary thumbwheel. The remote mount amplifier powers one 100 Watt speaker and includes the Light Control relay wiring and a remote Air Horn input with positive or negative switching options. The LCS600 features jumpers for option selections and is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature. Ships complete with wire harness with positive locking connector, mic clip, hardware, RFI filter, and instructions.

LCS600

Specifications

Dimensions	**Handset** - 1-1/2"H x 2-1/2"W x 3-1/2"D
	Amplifier Box - 2"H x 6"W x 5-1/2"D
Weight	5 lbs.
Output	100 watts
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps

LCS770 Full Feature w/Aux Switches 200 Watt

The LCS770 combines a full feature 200 watt siren along with a seven function light control switch panel. This unit features a dual color lighted keypad and a four-position progressive slide switch with LED indicators. The progressive slide switch provides three functions for the control of a full-featured lightbar or other devices. The LCS770 has LED speaker diagnostics to allow quick troubleshooting. Rotary switch selectable operating modes are Wail, Yelp, Hands Free, Phaser, Manual, Alert and Radio. Push buttons operate the Manual and Air Horn. Operating function tones included Wail, Yelp, Air Horn, Phaser, Manual, and Two-Tone. There is positive and negative switching for AUX and Park Kill inputs. The LCS770 is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature. This unit also features jumpers for option selections, public address override, and separate volume controls for the radio repeat and public address functions. It includes an attached noise canceling PA microphone and is backlit for easy night time readability. Ships complete with positive locking connector, mic clip, mounting bracket, hardware, and instructions.

LCS770

Specifications

Dimensions	3"H x 6"W x 6-1/2"D
Weight	7 lbs.
Output	100 or 200 watts (1 or 2 speakers)
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps (per speaker)

Approvals   Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

LCS790 Full Feature w/Aux Switches 200 Watt

The LCS790 combines a full feature 200 watt siren and a seven-function light control switch panel. It features a dual color lighted key pad, a 4-position progressive slide switch with LED indicators, and is backlit for easy night time readability. The slide switch provides three progressive functions for the control of a full featured lightbar or other devices. Rotary switch selectable operating modes are Wail, Yelp, Hands Free, Phaser, Manual, Alert, and Radio. Push buttons operate Manual and Air Horn. Operating tones are Wail, Yelp, Air Horn, Phaser, Manual, and Two-Tone. It also has built in 2, 3, or 4 wire logic traffic director control with feedback, upgradable to 8 wire dummy head control using a TDC790 box. The LCS790 is protected against speaker shorts with a self-resetting circuit and there is a high & low voltage shutdown feature. This unit also features positive and negative switching for AUX and Park Kill inputs, jumpers for option selections, an advanced programming interface, public address override, LED feedback for speaker and lighting diagnostics, and separate volume controls for the radio repeat and public address functions. The LCS790 ships complete with an attached noise canceling PA microphone, positive locking connectors, mic clip, mounting bracket, hardware, and instructions.

LCS790

Specifications

Dimensions	3"H x 6"W x 8"D
Weight	7 lbs.
Output	100 or 200 watts (1 or 2 speakers)
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps (per speaker)

Approvals   Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

LCS850MG12

The NEW USB Windows interface LCS850MG12 combines a full feature, dual-tone output, 200 watt siren with an 18-output light and traffic director control system. The LCS850MG12 has been designed to allow the end user many numerous configurations, yet allowing for a simple and reliable install. The unit ships complete with 8' of color coded wire for the audio control, 2' of 8 AWG power wires, 25' communication cable, instruction manual, screw lock connectors, microphone clip, mounting hardware, USB programming cable, and configuration CD.

New Programmable Options

Specifications

Dimensions	**Control Head Flanged -** 7-7/8"H x 4-1/4"W x 1-1/8"D
	Control Head - 6-3/4"H x 3-1/4"W x 1-1/8"D
	Amplifier Box - 2-1/8"H x 7-5/8"W x 9-7/8"D
Weight	7 lbs.
Voltage	10 - 16V DC
Output	100 or 200 watts (1 or 2 speakers)
Amp Draw	8 amps (per speaker)
	140 amps max (lighting)
Frequency	675-1633Hz

Key Features

• Gun Lock password-enable or ignition-enable
• LED diagnostics: Speaker drivers active, over/under voltage, speaker shortage, and park kill active
• Seven siren tone options: Wail, Yelp, Phaser, Two-Tone, Manual, Air Horn, and Rapid Air Horn
• Integrated public address microphone with user adjustable volume at control head
• Euro style connectors allow for quick and easy installation
• Dual color backlighting on keypad (Green and Red)
• Built in horn ring transfer (HRT)
• Dual 100 watt outputs (200 watts total)
• 10 outputs, fused at 20 amps each
• Flange or flush mount

Utility and Reliability Features

• 0mA standby current, will not drain battery
• Over/under voltage and reverse polarity protection
• Independently fused outputs
• I/O lines are RFI protected
• Large input filter capacitor eliminates RFI
• Customizable user interface
• Magnetically isolated radio repeat input
• Self-resetting circuit protection against speaker shorts

Approvals

Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers)
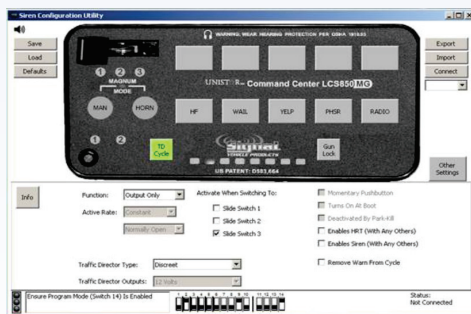
Unistar™ Command Center 200 Watt

The Unistar™ Command Centers combine full features into one keypad driven unit. The LCS800 & LCS850 series are dash or console mount 200 Watt sirens with an 8 function light control switch panel and traffic director controller (LCS850 only). The LCS880 & LCS881 series are new ergonomically designed, hand held versions of the LCS800 & LCS850 Unistar™ Command Centers. They feature a seven function light control switch panel and a traffic director controller (LCS881 only). The control heads feature a dual-color (Red & Green) lighted keypad, a four-position progressive slide switch with LED indicators, LED speaker diagnostics, an attached noise canceling PA microphone, and are available with or without a flush mounting flange. Selectable operating modes are Wail, Yelp, Hands Free, Phaser, Manual, Alert, and Radio. Operating tones include Wail, Yelp, Air Horn, Phaser, Manual, and Two-Tone. The siren can be installed with positive or negative switching for AUX and Park Kill inputs. The Unistar™ Command Center is protected against speaker shorts with a self-resetting circuit and a high & low voltage shutdown feature. These units also feature an integrated horn ring transfer output, jumpers for option selections, public address override, and separate volume controls for the radio repeat and public address functions. The amplifier and switch box mount conveniently and connect to the control head through a telephone style cable. Ships complete with wire harness with positive locking connector, mic clip, mounting bracket, hardware, 30 standard function labels, RFI filter, and instructions.

LCS800-F

LCS850

LCS881

Specifications

Dimensions	**Control Head** - 3-3/8"H x 6-3/4"W x 3/4"D **Amplifier** - 2-1/2"H x 7"W x 7-3/8"D (plus 3/4" flange on each side)
Weight	**LCS800 & LCS800-F** (with flange) - 8.5 lbs. **LCS850 & LCS850-F** (with flange) - 9.5 lbs. **LCS880** - 8.5 lbs. **LCS881** - 9.5 lbs.
Output	100 or 200 watts (1 or 2 speakers)
Voltage	10 - 16V DC
Frequency	675-1633Hz
Amp Draw	8 amps (per speaker)

Exceeds Acoustical and environmental requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers)

UNISTAR™

SS867 & LCS869 REMOTE MOUNTS

MI-Control™ Series Sirens are ideal in situations where the need for high performance features meets limited space. MI-Control™ Mini-Siren Controllers are compact, yet packed with useful features that will satisfy technical enthusiasts. Choose the MI-Control™ SS867 for full-feature siren control or MI-Control™ LCS869 for full-feature light and siren control combination.

SS867

Specifications

Dimensions	Control Head - 3/4"H x 2"W x 4-3/4"D
	Amp - 2"H x 5-1/2"W x 3-3/4"D
Weight	2.25 lbs.
Voltage	10 - 16V DC
Amp Draw	8 amps
Lighting	30 amps max

Siren Features

- Four air horn tones
- Twenty-two siren tones, including simulated mechanical and manual wail
- Auxiliary horn input (positive or negative input)
- "Hands Free" three tone cycle (Tone 1, Tone 2, Tone 3, Off)
- Programmable air horn tones only mode (locks out siren tones)

General Features

- Over voltage, under voltage, speaker short protection and visual feedback
- Forty-nine changeable button labels
- All buttons back lit by green-off/red-on LEDs
- Dimmable button light intensity
- Audio feedback for pressed buttons (adjustable volume)
- All Off/Stand-by button

Lighting Features (LCS869 only)

- Four functionality options: 8 second timer (aka gun clock), momentary, normally closed, or standard (push on/push off)
- Two outputs (30 amps max total for system)

Kit Includes

- Amplifier box
- Control head with 10' of attached cable
- Forty-nine changeable button labels
- Instructions
- Velcro™ for optional dash mounting

Approvals

Exceeds Acoustical requirements of SAE J1849*, California Title 13 Class A* (* when used with SVP drivers and approved tones)

LCS869

The D-44 speakers have an ultra compact design, only 3" deep. They have patented cyclonic expansion chambers and a rugged glass filled nylon housing that will not rust! The D-44 has a user replaceable rear facing driver. There are seventeen mounting bracket options available.

D-44-16

D-44-21

Speaker & Bracket Kits

D-44	Speaker only
D-44-16	Universal "L" bracket w/speaker '04-'05 Dodge Durango '01 Ford Taurus '02-'09 Ford Explorer '04-'09 GMC Envoy '02-'09 Chevrolet Avalanche '02-'09 Chevrolet Suburban '04-'06 Chevrolet Tahoe
D-44-17	Center mount bracket w/speaker '98 - '09 Ford Crown Victoria
D-44-18	'07 - '13 Chevrolet Suburban '07 - '13 Chevrolet Tahoe
D-44-19	'06 - '10 Chevrolet Impala
D-44-20	'05 - '08 Dodge Charger
D-44-21	'06 - '10 Universal two piece adjustable bracket
D-44-22L	'08 - '09 Ford F-Series Super Duty, driver side
D-44-22R	'08 - '09 Ford F-Series Super Duty, passenger side
D-44-23	'08 - '09 Ford E-350/450
D-44-24	'07 -'13 Ford Expedition
D-44-27	'07 -'13 Dodge Charger
D-44-28	'10 - '13 Ford Taurus
D-44-29	'10 - '13 Ford F350
D-44-30	'10 - '13 Dodge 4500
D-44-31	'10 - '13 Chevy Caprice
D-44-FIS	'13 Ford Interceptor Sedan
D-44-FISUV	'13 Ford Interceptor SUV

Specifications

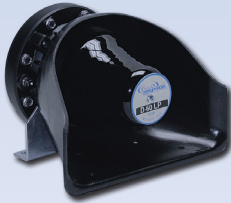|	
Dimensions	6.6" x 6.6" x 2.9"
Weight	8 lbs. (with bracket)
Output	100 watts
Input Voltage	32V RMS
Impedance	11 ohm
Approvals	Acoustical & Environmental Requirements: SAE J1849*, California Title 13 Class A*, (*approved with SVP sirens, Ameca listed when used with two speakers and approved siren)

2.9

6.6

SPEAKERS

Models and Specifications
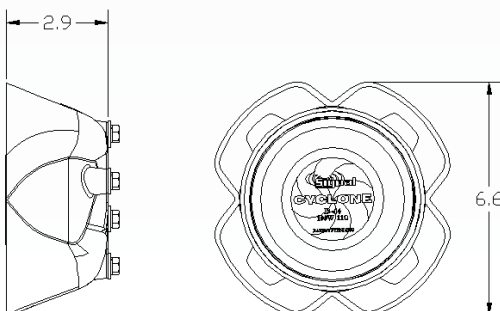
A. D-60

B. D-60C

C. D-60LP

D. D-60RBS

E. D-60RBB

F. D-30

G. D-10

H. D-2000

**A. D-60**
- Most popular
- ABS plastic housing
- Dimensions: 5-1/4"H x 8"W x 7-1/4"D
- Weight: 8.5 lbs.

B. D-60C
- High visibility
- High gloss electropolished aluminum housing
- Dimensions: 5-1/4"H x 8"W x 6-3/4"D
- Weight: 9 lbs.

C. D-60LP
- Low profile mounting
- ABS plastic housing
- Dimensions: 4-3/4"H x 7"W x 7"D
- Weight: 8.25 lbs.

D. D-60RBS
- Compact for motorcycles
- High gloss electropolished aluminum housing
- Dimensions: 6"Dia. x 7"D
- Weight: 8.5 lbs.

E. D-60RBB
- Compact for motorcycles
- ABS plastic housing
- Dimesions: 6"Dia. x 7"D
- Weight: 8.5 lbs.

F. D-30
- Concealed, narrow space mounting
- Steel housing
- Dimensions: 4-3/4"H x 12-3/4"W x 4-5/8"D
- Weight: 12 lbs.

G. D-10
- Wide angle sound distribution
- Fiberglass housing
- Dimensions: 4-3/4"H x 7"W x 7"D
- Weight: 12 lbs.

H. D-2000
- Lightbar speaker
- ABS housing
- Dimensions: 5"H x 8"W x 10"D
- Weight: 5 lbs.

All Star Signal speakers are 100 watt, 11 ohms and include a low profile driver, mounting brackets, hardware, and instructions.

BBK-FORD

The BBK-FORD interface control module provides quick and easy connections to Ford steering wheel push buttons. Can be used in conjunction with a siren that has light control functionality such that the connected devices can be controlled by either the steering wheel controls "OR" the siren controls. These siren inputs are feedback protected (i.e. steering wheel activation of that output does NOT send power back through the siren input).
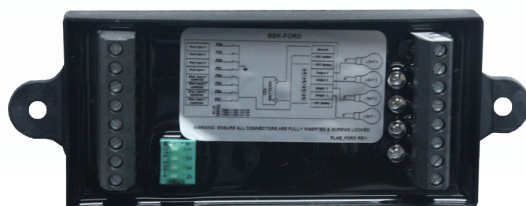
Specifications

Dimensions	4.5" x 2.25"
Amp Draw	10 amps per output
Voltage	10 - 16V DC

FM3666

FM3669C

FM6904

FM6907

DRL366-1

Models and Specifications
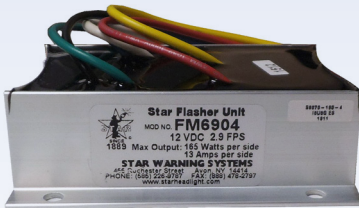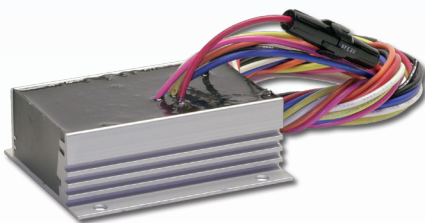
FM3666
12V DC mechanical flasher
Flash Rate: 1.2 flashes per second per lamp

FM3662
12V DC solid state flasher for up to 100 watts per side
Flash Rate: 2.4 flashes per second per lamp

FM3662-24
24V DC solid state flasher for up to 100 watts per side
Flash Rate: 2.0 flashes per second per lamp

FM3667
12V DC solid state flasher for back-up/brake light
Flash Rate: 2.4 flashes per second per lamp

FM3669C
DRL compatible headlight flasher, 12V DC solid state flasher for up to 130 watts per side, night time cut off, disables factory installed DRL function
Flash Rate: 7 patterns to choose from ranging from .8 to 3.6 FPS (flashes per second)

FM6901
12V DC solid state flasher, alternately flashes headlights, high beam override and night time cut off, handles up to 150 watts per output
Flash Rate: 1.9 flashes per second per lamp

FM6902
12V DC solid state flasher, alternately flashes headlights, has high beam override and night time cut off, handles up to 150 watts per output
Flash Rate: 2.9 flashes per second per lamp

FM6903
12V DC solid state flasher, simultaneously flashes headlights, high beam override and night time cut off, handles up to 150 watts per output
Flash Rate: 2.9 flashes per second per lamp

FM6904
Flashes left headlight three times, flashes right headlight three times, then flashes both headlights together three times, handles up to 150 watts per output
Flash Rate: 2.9 flashes per second per lamp

FM6905
Ford Crown Victoria Police Package, 2006-2011, 8 - 30V DC solid state flasher, high beam override and night time cut off, handles up to 130 watts per output, Plug-n-Play
Flash Rate: seven patterns to choose from ranging from .8 to 3.6 FPS

FM6906
Chevrolet Impala Police Package, 2006-2011, 12V DC solid state flasher, alternately flashes headlights, high beam override, handles up to 55 watts per output, Plug-n-Play
Flash Rate: 3.0 flashes per second per lamp

FM6907
Chevy Caprice Police Package, 2011 and newer, 12V DC solid state flasher, 130 watts per output, Plug-n-Play
Flash Rate: 3.0 flashes per second, per lamp

FM6908
Headlight flasher for vehicles with isolated high beams (Chrysler product), hardwired 12V DC solid state flasher, 130 watts per side
Flash Rate: seven patterns to choose from ranging from .8 to 3.6 FPS (flashes per second)

DRL366-1
Heavy-duty daytime running light module with taillight output, park brake override

STAR SB4020 & SB4040 SERIES KITS

Use these deluxe switch boxes to control your Star lightbars or any other functions of your choice. The SB4020 Series features all illuminated switches when in use and the legends are backlit for easy night time readability. There is one 40 amp circuit protected by a relay and self-resetting circuit breaker, and five 20 amp circuits which are individually protected by fuses. The SB4040 features a 3-mode progressive, 40 amp (max) switch, and four 20 amp illuminated switches for a total of 7 fuse protected functions. A customer adjustable jumper has been included for the option of separating slide position 1 & 2 to work independently. The SB4425 offers ten lighted rocker switches for maximum flexibility. The SB4040 and SB4020 series are also available with an attached 15' wire harness. Terminal blocks are standard on SB4020T and SB4425T. Ships complete with legends, mounting bracket, hardware, and instructions.

SB4020

SB4040

SB4020T

SB4425T

Models

SB4020	(1) 40 amp switch, (5) 20 amp switches, 2' wire harness
SB4020-15	(1) 40 amp switch, (5) 20 amp switches, 15' wire harness
SB4020T	(1) 40 amp switch, (5) 20 amp switches, nine position terminal block
SB4040	(4) 20 amp switch, (1) 3-mode 40 amp (max), progressive slide switch, 2' wire harness
SB4040-15	(4) 20 amp switch, (1) 3-mode 40 amp (max), progressive slide switch, 15' wire harness
SB4425T	(1) On/Off master power switch (switches 2-5), (4) 40 amp switches, (5) 20 amp switches, twelve position terminal block

Specifications

Dimensions	**SB4020, SB4040**: 2"H x 6"W x 4-3/4"D
	SB4020T: 2-1/4"H x 6-1/8"W x 5-1/4"D
	SB4425T: 2-1/2"H x 6-1/4"W x 7-1/4"D
Weight	5 lbs.

SB/SP1515 & SB/SP3015 SERIES

These switch boxes and switch panels can be mounted under the dash or on the transmission tunnel of the vehicle. The SB1515 and SB3015 are enclosed switch boxes. The SP1515 and SP3015 are not enclosed. All four models have illuminated switching and are equipped with individually fused circuits. Ships complete with instructions.

SB3015
(bottom side up view)
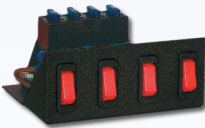
SP1515
(bottom side up view)

Models

SB1515	Enclosed Switch Box with (4) 20 amp switches
SP1515	Switch Panel with (4) 20 amp switches
SB3015	Enclosed Switch Box with (1) 30 amp switch, (3) 20 amp switches
SP3015	Switch Panel with (1) 30 amp switch, (3) 20 amp switches

Specifications

Dimensions	2"H x 4-1/2"W x 4"D
Weight	4 lbs.

SP3860 SERIES SWITCH PANELS

These switch panels are designed to be easily mounted under the dash. All switch panels have illuminated switching and are prewired with an in-line fuse for easy installation. Ships complete with labels and instructions.

SP3860-1
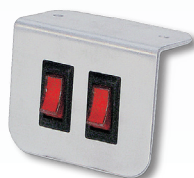
SP3860-2
SP3860-2H

Models

SP3860-1	On/Off
SP3860-2	On/Off, On/Off
SP3860-2H	On/Off, High/Low
SP3860-3	On/Off, On/Off, On/Off
SP3860-3H	On/Off, High/Low, On/Off
SP3860-4	On/Off, On/Off, On/Off, On/Off

1188HM HOT SHOT II

The 1188 Series Hotshot II is our most compact portable emergency dash light. A 27 watt halogen bulb combined with a highly polished reflector give this light a high intensity flash. Ships complete with mounting hardware and instructions.

Models

1188 Series   **1188H:** Permanent mount; **1188HM:** Magnet mount

Specifications

Dimensions	4-3/4"H x 4-7/8"D, **Weight** - 2 lbs.
Voltage	12V DC
Amp Draw	2.1 amps (27 watts)
Flash Rate	80fpm (+/-10)
Lens Color	Amber, Blue, Clear, Green, Red, Magenta
Mounting	Permanent mount, Magnet mount

1188HM

PARTS	Part #
Bulb halogen	2073-H27
Lens	396
Cig plug with lighted On/Off switch	176-SW
Vinyl Shield	90075

1166HM TEARDROP

The aerodynamic 1166 Series light is ideal for unmarked cars or volunteers. Ships complete with magnet mounting hardware, cig. plug with lighted On/Off switch, and instructions.

Models

1166 Series   **1166IM:** Incandescent; **1166HM:** Halogen

Specifications

Dimensions	4-7/8"H x 5-5/16"W x 6-3/4"D, **Weight** - 2.5 lbs.
Voltage	12V DC
Amp Draw	2.1 Amps (27 watts)
Flash Rate	80fpm (+/-10)
Lens Color	Amber, Blue, Clear, Green, Red, Magenta
Mounting	Magnet mount only

1166HM

PARTS	Part #
Bulb	
Halogen	2073-795
Incandescent	2073-1295
Lens	425
Clamp ring	30165-2
Cig plug with lighted On/Off switch	176-SW
Vinyl shield	90059

1169HM PANCAKE

The halogen 1169 Series light features a low profile design, allowing it to fit under sloping windshields with minimum obstruction and maximum visibility. It also features a wide angle reflector for longer flash duration and brighter pulse. Ships complete with mounting hardware, and a cig. plug with lighted On/Off switch.

Models

1169 Series   **1169H:** Permanent mount; **1169HM:** Magnet mount

Specifications

Dimensions	3-19/32"H x 7-15/64"D, **Weight** - 2 lbs.
Voltage	12V DC
Amp Draw	4.0 amps (50 watts)
Flash Rate	80fpm (+/-10)
Lens Color	Amber, Blue, Clear, Green, Red, Magenta
Mounting	Permanent mount, Magnet mount

1169HM

PARTS	Part #
Bulb halogen	2073-797
Lens	393
Cig plug with lighted On/Off switch	176-SW
Vinyl shield	90068

DASH MOUNTING BRACKETS

274-874 Suction Cup Bracket
Dimensions - 4"W x 11"D (adjustable plate), **Weight** - 4 lbs.
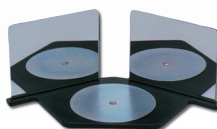
274-875 Universal Dash Bracket
Dimensions - 4-1/2"H x 11-3/8"W x 5-3/4"D **Weight** - 4 lbs.

274-878 Hotshot II Dash Bracket
Dimensions - 4-3/4"H x 10-3/8"W x 5"D, **Weight** - 4 lbs.

255HTSL-B & 255H8TSL-R

255H8TCL-B & 255H8TCL-R

Lightweight polycarbonate, universal flange base: 3-hole permanent mount, 1" pipe mount, optional vacuum and standard magnet mount with pattern and power switched cig. plug, and a durable polycarbonate, twist On/Off lens.

Standard Models

255HTCL	4 LED high intensity Star Halo® LED optics, flange mount, tall lens
255HTCLM	4 LED high intensity Star Halo® LED optics, magnet mount, tall lens
255HTCLV	4 LED high intensity Star Halo® LED optics, vacuum magnet mount, tall lens
255HTSL	4 LED high intensity Star Halo® LED optics, flange mount, short lens
255HTSLM	4 LED high intensity Star Halo® LED optics, magnet mount, short lens
255HTSLV	4 LED high intensity Star Halo® LED optics, vacuum magnet mount, short lens
255H8TAL	8 LED ultra high intensity Star Halo® LED optics, flange mount, tall lens with dust cover
255H8TALV	8 LED ultra high intensity Star Halo®, tall lens with dust cover and vacuum magnet
255H8TCL	8 LED ultra high intensity Star Halo® LED optics, tall lens
255H8TCLM	8 LED ultra high intensity Star Halo® LED optics, tall lens
255H8TCLV	8 LED ultra high intensity Star Halo® LED optics vacuum magnet mount, tall lens
255H8TSL	8 LED ultra high intensity Star Halo® LED optics, flange mount, short lens
255H8TSLM	8 LED ultra high intensity Star Halo® LED optics, magnet mount, short lens
255H8TSLV	8 LED ultra high intensity Star Halo® LED optics, vacuum magnet mount, short lens

Specifications

Dimensions	**Short dome** - 4-3/4"H x 6-13/32"D, 2 lbs. **Tall dome** - 6-11/16"H x 6-13/32"D, 3 lbs.
Weight	**Short dome** - 2 lbs. **Magnet mount** - 3 lbs. **Vacuum magnet mount** - 4 lbs. **Tall dome** - 3 lbs. **Magnet mount** - 4 lbs. **Vacuum magnet mount** 5 lbs.
Voltage	**Permanent mount** - 10 - 30V DC, **Magnet mount** - 10 - 16V DC
Amp Draw	0.6 amps @ 12V DC 0.3 amps @ 24V DC
Lens Colors	Amber, Blue, Clear, Green, Red
Approvals	SAE J595 Class I - Amber (all versions), Blue (8 LED tall dome and Blue 4 LED with clear dome version), White (all tall dome versions), Red (8 LED tall dome versions) California Title 13 - Amber, Red (8 LED tall dome with dust cover) SAE Class II - all other versions

PARTS	Part #
Tall lens	295TC
Short lens	297TS
Cig plug with lighted On/Off switch w/pattern select switch	920-PAT20L0
Magnet mount	177-3
Vacuum magnet mount	920-16V
O-ring gasket	P30047-1

STAR ALARM® Back-up Alarms are built for long-term reliability, all with a Beep Rate of approximately sixty per minute. They are a convenient compact size and available in a range of decibel options perfect for a wide range of vehicle applications. Dual Tone units emit an alternating high/low tone. Auto-Adjusting units will automatically adjust the output volume based upon the ambient noise. Selectable units allow the end user to change the output level. Dual Function units have two independently activated tones in one unit.
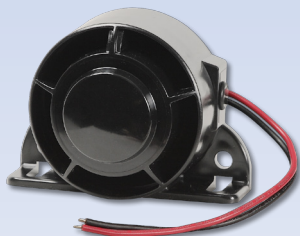
66 Series Alarm
with attached wire leads
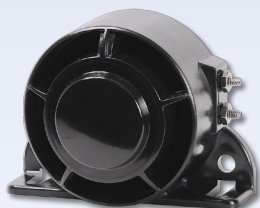
66 Series Alarm
with wire lugs only

Our 66 Series back-up alarms with CRS Technology™ incorporate a compact rear-facing speaker with a heavy duty housing to provide one of the most reliable sound chambers in the industry. This design helps eliminate or nearly eliminate the damage often caused by high-pressure spray, dirt and fine dust!

Models and Specifications

66 Series Back-Up Alarms with attached wire leads

66-087	12 - 36V DC, 87db, SAE J994
66-097	12 - 36V DC, 97db, SAE J994
66-097-12	12V DC only, 97db, SAE J994
66-102	12 - 36V DC, 102db
66-107-12	12V DC only, 107db, SAE J994
66-107-24	24 - 36V DC, 107db, SAE J994

Dual Tone

66-097DT	12 - 24V DC, 97db
66-102DT	12V DC only, 102db

Starmatic Auto Adjust

66-707A	12 - 24V DC, auto-adjust 77db - 97db
66-802A	12 - 24V DC, auto-adjust 82db - 102db
66-807A	12V DC, auto-adjust 87db - 107db
66-807A-24	24V DC, auto-adjust 87db - 107db

Selectable

66-802S	12 - 36V DC, 87db or 102db
66-907S	12V DC only, 97db or 107db

Dual Function

66-097DF	12 - 36V DC, 97db

66 Series Back-Up Alarms with lugs only

Single Tone

66L-087	12 - 36V DC, 87db, SAE J994
66L-097	12 - 36V DC, 97db, SAE J994
66L-097-12	12V DC only, 97db, SAE J994
66L-102	12 - 36V DC, 102db, SAE J994
66L-107-12	12V DC only, 107db, SAE J994
66L-107-24	24 - 36V DC, 107db, SAE J994

Dual Tone

66L-097DT	12 - 24V DC, 97db
66L-102DT	12V DC only, 102db

Starmatic Auto Adjust

|	
66L-707A	12 - 24V DC, auto-adjust 77db - 97db
66L-802A	12 - 24V DC, auto-adjust 82db - 102db
66L-807A	12V DC only, auto-adjust 87db - 107db

Specifications

|	
Dimensions	4-3/16"H x 3-1/16"W x 2"D
Weight	2 lbs.
Amp Draw	0.3 amps
Mounting	Industry standard

The Star Spectrum™ backup alarm combines the familiar sound of a traditional warning alarm with a specially designed composite buzz tone to provide the untimate in audible warning power. The Spectrum alarm uses a narrow array of frequencies resulting in a robust tone that is more easily tracked and universally recognized. The Spectrum alarm is individually programmed through a proprietary fixture that incorporates the optimal base frequency into each alarm. Alarms equipped with the Night Silent feature will automatically mute the sound at night, where nightime sound level ordinances are a consideration.
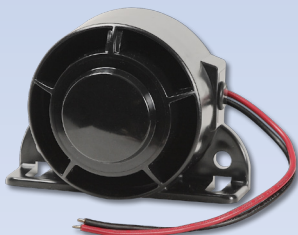
66 Series Alarm
with attached wire leads
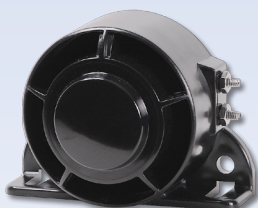
66 Series Alarm
with wire lugs only
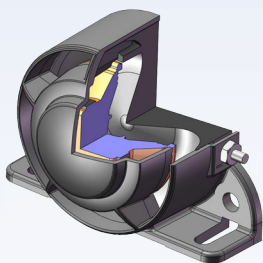
Models and Specifications

66 Series Back-Up Alarms with attached wire leads
Star Spectrum: Multi frequency tone

66-087SS	12 - 36V DC, 87db
66-092SS	12 - 36V DC, 92db
66-097SS	12 - 36V DC, 97db

Star Spectrum Night Silent: Spectrum tone, third wire disable

66-087SSNS	12 - 36V DC, 87db
66-097SSNS	12 - 36V DC, 97db

66 Series Spectrum Back-Up Alarms with lugs only

66L-097SS	12 - 36V DC, 97db

Single Tone Night Silent: Third wire disable alarm when 12V DC applied

66-087NS	12 - 36V DC, 87db
66-097NS	12 - 36V DC, 97db
66-102NS	12 - 36V DC, 102db

Specifications

Dimensions	4-3/16"H x 3-1/16"W x 2"D
Weight	2 lbs.
Amp Draw	0.3 amps
Mounting	Industry standard

Patent number D639,688 S

MOTORCYCLE ACCESSORY TP4000 TELESCOPIC POLE

The TP4000 telescopic pole extends up to 48" with a half inch pipe mount. It comes prewired with two 18 awg wires.

Specifications

Dimensions	28"L to 48"L (telescopic) x 1"D
Weight	1 lb.

Product Features

Pole with wires for pipe mount lights

TP4000
(light sold separately)
ex. 242 Series

SR7
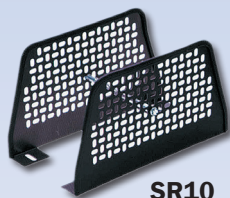
SR10

Model and Specifications

SR7	Vertical mount two unit organizer
Dimensions	12-1/2"H x 4-5/16"D
Weight	2 lbs.
SR9	Vertical mount three unit organizer
Dimensions	13-1/2"H x 4-5/16"D
Weight	2 lbs.
SR10	Horizontal mount three unit organizer
Dimensions	7"H x 12"D
Weight	2.5 lbs.
SR12	Horizontal mount four unit organizer
Dimensions	7"H x 14"D
Weight	2.5 lbs.

RUBBER HOUSED SEALED BEAM

510-M

510-1M

Models and Specifications

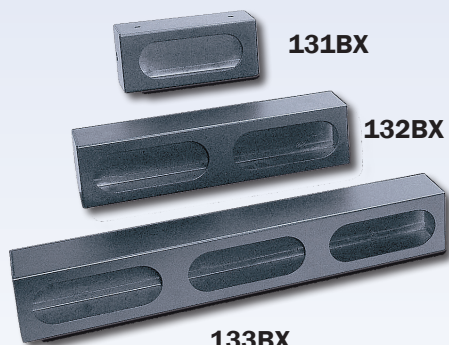|	
510	Clear sealed beam
Weight	2 lbs.
Output	3000cp
511	Sealed beam with lens shield
Weight	2 lbs.
Output	3000cp
Lens Colors	Amber, Blue, Clear, Red
510-4509	Clear high intensity, sealed beam
Weight	2 lbs.
Output	110,000cp
510-1	Clear sealed beam with On/Off switch
Weight	2 lbs.
Output	3000cp
510-M	Clear sealed beam with magnet mount and cig. plug
Weight	3 lbs.
Output	3000cp
510-1M	Clear sealed beam with magnet mount and cig. plug and On/Off switch
Weight	3 lbs.
Output	3000cp
511-1M	Clear sealed beam with magnet mount, cig. plug
Weight	3 lbs.
Output	3000cp
Lens Colors	Amber, Blue, Clear, Red

120BX Series - Heavy Duty Mount Boxes
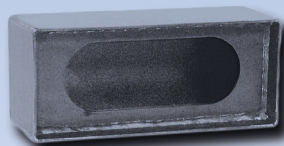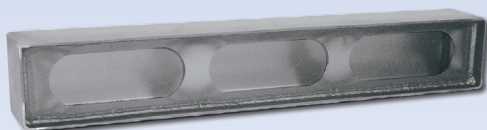
These heavy gauge steel mount boxes are shipped unpainted and ready to weld. Optional self-leveling bracket assembly is available: 274-SBX.

Models and Specifications

121BX

	Holds one 6" oval head
Dimensions	3-3/4"H x 9"W x 3-1/2"D
Weight	6 lbs.

122BX

	Holds two 6" oval heads
Dimensions	3-3/4"H x 17"W x 3-1/2"D
Weight	9 lbs.

123BX

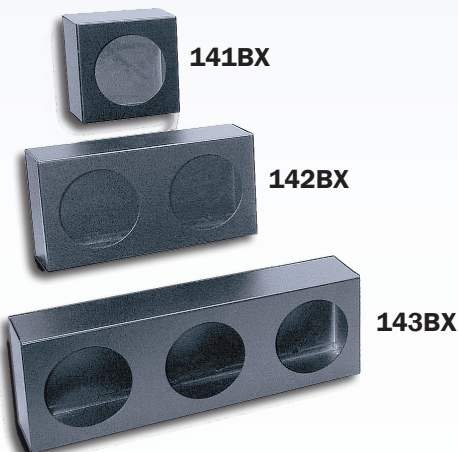|	
	Holds three 6" oval heads
Dimensions	3-3/4"H x 25-1/4"W x 3-1/2"D
Weight	12 lbs.

121BX

122BX

123BX

130BX & 140BX Series - Light Duty Mount Boxes

These light gauge steel mount boxes are shipped painted with knockouts for mounting. Optional self-leveling bracket assembly is available: 274-SBX.

Models and Specifications

131BX

	Holds one 6" oval head
Dimensions	4"H x 9"W x 3-1/4"D
Weight	2 lbs.

132BX

	Holds two 6" oval heads
Dimensions	4"H x 16-5/8"W x 3-1/4"D
Weight	5 lbs.

133BX

	Holds three 6" oval heads
Dimensions	4"H x 25"W x 3-1/4"D
Weight	8 lbs.

141BX

	Holds one 4" round head
Dimensions	6"H x 6-1/4"W x 3-1/2"D
Weight	2 lbs.

142BX

	Holds two 4" round heads
Dimensions	6"H x 12-1/2"W x 3-1/2"D
Weight	5 lbs.

143BX

	Holds three 4" round heads
Dimensions	6"H x 16-3/4"W x 3-1/2"D
Weight	8 lbs.

131BX

132BX

133BX

141BX

142BX

143BX

StarSignal Siren Selector Chart

Model Number	Light Controls	Automatic 100/200W Output	Remote Mount Amplifier	Hand Held	"Magnum" Dual Tone	PA (Public Address) w/Mic & Radio Repeat	Speaker Diagnostic LEDs	Hands Free Operation	Horn Ring Transfer Relay	Rotary Knob Tone Selection	Splash Resistant Backlit Buttons	Air Horn Only Option (Volunteer/Trainee mode)	Park Kill Feature	Advanced Programming Options	24V Option Available *	Detachable Microphone Option *	Light Control Outputs	4 Position Pursuit Slide Switch	8 Output Arrow Stick Controller	"Logic" Arrow Stick Controller	Title 13 & SAE J1849 Approvals	AMECA Listed	NFPA (Fire Equipment)
			LIGHTING FEATURES & SPECIFICATION																		APPROVALS		
SS650	SOUND ONLY SIRENS	100W					X														X		
SS670		100W				X	X	X		X						X					X		X
SS651-MT		100W	YES	X																	X		
SS651		100W	YES	X			X														X		
SS867		100W	YES	X			X	X			X	X		X							X		
SS700		200W				X	X	X	X	X			X		X	X					X	X	X
SS730		200W	YES			X	X	X		X			X			X					X	X	X
SS741MG		200W	YES	X	X	X	X	X		X			X			X					X	X	X
LCS652	LIGHT & SOUND SIRENS	100W															2				X		
LCS600		100W	YES			X	X				X						1				X		
LCS653		100W	YES				X										2				X		
LCS869		100W	YES	X			X	X			X	X		X			2				X		
LCS770		200W				X	X	X		X	X		X			X	7	X			X		
LCS790		200W				X	X	X	X	X	X		X	X			10**	X		X	X		X
LCS800		200W	YES			X	X	X	x*		X		X			X	8	X			X		X
LCS850		200W	YES			X	X	X	x*		X		X			X	8	X	X		X	X	X
LCS850MG		200W	YES	X	X	X	X	X	X		X	X	X	X			10**	X	X	X	X		
LCS880		200W	YES	X		X	X		x*		X		X				7	X			X		X
LCS881		200W	YES	X		X	X		x*		X		X				7	X	X		X		X

** MAX IF CONFIGURED PROPERLY SEE MANUAL FOR DETAILS   * has a output, requires user supplied relay

Model	Voltage	Typical Amp Draw *	Mounting	Dimensions	Shipping Weight
7232LED	12	3.6	permanent	2-5/8" H X 12-1/4" W X 22" L	19 lbs.
7464LED	12	7.2	hook-on/permanent	2-5/8" H X 12-1/4" W X 46" L	37 lbs.
7462LED	12	9	hook-on/permanent	2-5/8" H X 12-1/4" W X 46" L	39 lbs.

Model	Voltage	Typical Amp Draw *	Mounting	Dimensions	Shipping Weight
2364LED	12	7.2	permanent	2-3/4"H X 15" W X 36" L	25 lbs.
2300SL	12	14	permanent	2-3/4" H X 15" W X 36" L	30 lbs.
2464LED	12	7.2	hook-on/permanent	2-3/4" H X 15" W X 46" L	31 lbs.
2478	12	3.5	hook-on/permanent	2-3/4" H X 15" W X 46" L	34 lbs.
2400SL	12	21	hook-on/permanent	2-3/4" H X 15" W X 46" L	39 lbs.
2463LED	12	8.4	hook-on/permanent	2-3/4" H X 15" W X 46" L	32 lbs.
2472	12	4.2	hook-on/permanent	2-3/4" H X 15" W X 46" L	40 lbs.
2483	12	3.3	hook-on/permanent	2-3/4" H X 15" W X 46" L	40 lbs.
2564LED	12	7.2	hook-on/permanent	2-3/4" H X 15" W X 56" L	33 lbs.
2500SL	12	21	hook-on/permanent	2-3/4" H X 15" W X 56" L	45 lbs.

Model	Voltage	Typical Amp Draw *	Mounting	Dimensions	Shipping Weight
5364LED	12	7.2	permanent	4" H X 15" W X 36" L	25 lbs.
5300H	12	16	permanent	4" H X 15" W X 36" L	25 lbs.
5300S	12	2	permanent	4" H X 15" W X 36" L	27 lbs.
5464LED	12	7.2	hook-on/permanent	4" H X 15" W X 46" L	31 lbs.
5400H	12	16	hook-on/permanent	4" H X 15" W X 46" L	30 lbs.
5400S	12	4	hook-on/permanent	4" H X 15" W X 46" L	35 lbs.
5421H	12	38	hook-on/permanent	4" H X 15" W X 46" L	37 lbs.
5462LED	12	22	hook-on/permanent	4" H X 15" W X 46" L	33 lbs.
5471	12	13.2	hook-on/permanent	4" H X 15" W X 46" L	44 lbs.
5472	12	13.2	hook-on/permanent	4" H X 15" W X 46" L	44 lbs.
5476	12	12.6	hook-on/permanent	4" H X 15" W X 46" L	43 lbs.
5486	12	6.8	hook-on/permanent	4" H X 15" W X 46" L	42 lbs.
5564LED	12	7.2	hook-on/permanent	4" H X 15" W X 56" L	35 lbs.
5511H	12	26	hook-on/permanent	4" H X 15" W X 56" L	44 lbs.
5511S	12	14	hook-on/permanent	4" H X 15" W X 56" L	47 lbs.
5611H	12	30	hook-on/permanent	4" H X 15" W X 56" L	52 lbs.
5611S	12	18	hook-on/permanent	4" H X 15" W X 56" L	55 lbs.
5611SL	12	29	hook-on/permanent	4" H X 15" W X 56" L	56 lbs.

*Amp draw will vary depending on the color of the LED heads used and the flash pattern selected

Model	Voltage	Typical Amp Draw *	Mounting	Dimensions	Shipping Weight
8300H	12	16	permanent	5" H X 15" W X 36" L	25 lbs.
8300S	12	2	permanent	5" H X 15" W X 36" L	27 lbs.
8300SL	12	14	permanent	5" H X 15" W X 36" L	32 lbs.
8400H	12	16	hook-on/permanent	5" H X 15" W X 46" L	30 lbs.
8400S	12	4	hook-on/permanent	5" H X 15" W X 46" L	35 lbs.
8401H	12	20	hook-on/permanent	5" H X 15" W X 46" L	32 lbs.
8401S	12	12	hook-on/permanent	5" H X 15" W X 46" L	37 lbs.
8420HSL	12	40	hook-on/permanent	5" H X 15" W X 46" L	40 lbs.

Model	Voltage	Typical Amp Draw *	Mounting	Dimensions	Shipping Weight
6464LED	12	7.2	hook-on/permanent	5" H X 12.5" W X 48" L	25 lbs.
6420H	12	16	hook-on/permanent	5" H X 12.5" W X 48" L	25 lbs.
6448H	12	24	hook-on/permanent	5" H X 12.5" W X 48" L	25 lbs.
6423H	12	28	hook-on/permanent	5" H X 12.5" W X 48" L	29 lbs.
6430H	12	20	hook-on/permanent	5" H X 12.5" W X 48" L	33 lbs.
6500H	12	20	hook-on/permanent	5" H X 12.5" W X 52" L	18 lbs.
6550H	12	16	hook-on/permanent	5" H X 12.5" W X 52" L	20 lbs.
6500HSL	12	30	hook-on/permanent	5" H X 12.5" W X 52" L	32 lbs.
6564LED	12	7.2	hook-on/permanent	5" H X 12.5" W X 56" L	28 lbs.
6530H	12	20	hook-on/permanent	5" H X 12.5" W X 56" L	29 lbs.

Model	Voltage	Typical Amp Draw *	Mounting	Dimensions	Shipping Weight
9300H	12	8	permanent	5" H X 11" W X 36" L	20 lbs.
9300S	12	2	permanent	5" H X 11" W X 36" L	20 lbs.
9404H	12	16	hook-on/permanent	5" H X 11" W X 48" L	30 lbs.
9404S	12	4	hook-on/permanent	5" H X 11" W X 48" L	30 lbs.
9500H	12	24	hook-on/permanent	5" H X 11" W X 58" L	42 lbs.
9500S	12	12	hook-on/permanent	5" H X 11" W X 58" L	42 lbs.

*Amp draw will vary depending on the color of the LED heads used and the flash pattern selected

STAR LIGHTBAR VEHICLE SPECIFIC HOOK MOUNT KITS

Make	Model	Style	Beg. Year	Thru Year	Roof Width	Model #
CHEVROLET	Avalanche	Wrap-around Doors	2002	2013	51"	920-35-S105
CHEVROLET	C/K Pickup 1500	Wrap-around Doors	1999	2010	52"	920-35-S105
CHEVROLET	C/K Pickup 2500, 3500	Wrap-around Doors	2001	2010	52"	920-35-S105
CHEVROLET	Camaro	Standard Roof	1984	1992	48.5"	920-35
CHEVROLET	Camaro	Wrap-around Doors	1993	2002	45.5"	920-35C
CHEVROLET	Caprice	Standard Roof	1988	1996	48.5"	920-35C
CHEVROLET	Caprice	Wrap-around Doors	1988	1996	48.5"	920-35C
CHEVROLET	Caprice	Standard Roof	1977	1990	54.0"	920-35
CHEVROLET	Caprice	Standard Roof	2011	2013	51.0"	920-35GM7
CHEVROLET	Cavalier Z-24	Standard Roof	1990	1994	45"	920-35
CHEVROLET	Colorado	Wrap-around Doors	2004	2012	45"	920-35GM6
CHEVROLET	Impala	Wrap-around Doors	2000	2005	51"	920-35I
CHEVROLET	Impala	Wrap-around Doors	2006	2012		920-35I6
CHEVROLET	Lumina (Sedan)	Wrap-around Doors	1997		47"	920-35GM
CHEVROLET	Lumina (Sedan)	Wrap-around Doors	1998		47"	920-35C
CHEVROLET	R/V Chassis-Cab	Standard Roof	1990	1991	49"	920-35
CHEVROLET	R/V Series Pickup	Standard Roof	1990	1991	59"	920-35
CHEVROLET	S-10 Blazer & Pickup	Wrap-around Doors	1991	1993	47"	920-35GM2
CHEVROLET	Silverado/Sierra	Wrap-around Doors	2001	2013	52"	920-35-S105
CHEVROLET	Suburban	Standard Roof	1990	1991	59"	920-35
CHEVROLET	Suburban	Wrap-around Doors	2000	2006	52"	920-35-S105
CHEVROLET	Suburban	Wrap-around Doors	2007	2013	52"	920-35GM5
CHEVROLET	Tahoe	Wrap-around Doors	2000	2006	52"	920-35-S105
CHEVROLET	Tahoe	Wrap-around Doors	2007	2013	52"	920-35GM5
CHEVROLET	Trailblazer/ Envoy	Wrap-around Doors	2002	2005	48"	920-35CTB
CHEVROLET	Trailblazer	Wrap-around Doors	2007	2009	48"	920-35-S105
CHEVROLET	Trucks		1980	1987		920-35C5
CHEVROLET	Trucks		1988	1994		920-35
CHEVROLET	Van (not Astro)	Standard Roof	1988	1995	65"	920-35
CHEVROLET	Van (not Astro)	Wrap-around Doors	1996	2002	65"	920-35INT
DODGE	Caravan/Grd. Caravan	Standard Roof	1990	1995	59"	920-35C
DODGE	Charger	Wrap-around Doors	2005	2007	51"	920-35M1
DODGE	Charger	Wrap-around Doors	2008	2013	51"	920-35CH
DODGE	Dakota	Wrap-around Doors	1990	1996	48"	920-35GM2
DODGE	Dakota (Reg,Ext,Crew)	Wrap-around Doors	1997	2011	48"	920-35GM
DODGE	Dakota	Wrap-around Doors	2006	2011	48"	920-35F
DODGE	Durango	Wrap-around Doors	1996	2003	48"	920-35GM
DODGE	Durango	Wrap-around Doors	2004	2013	48"	920-35-S105
DODGE	Intrepid	Wrap-around Doors	1998	2004	46"	920-35GM
DODGE	Intrepid	Standard Roof	1993	1997	48"	920-35INT
DODGE	Magnum	Wrap-around Doors	2005	2008	51"	920-35M1
DODGE	Ram (Quad cab)	Wrap-around Doors	1999	2001	54.5"	920-35GM
DODGE	Ram		1991			920-35
DODGE	Ram		1995			920-35C
DODGE	Ram (Quad cab)	Wrap-around Doors	1999	2001	54.5"	920-35GM
DODGE	Ram (Quad cab)	Wrap-around Doors	2002	2005	54.5"	920-35RM2
DODGE	Ram pickup	Wrap-around Doors	1994	1998	54.5"	920-35CTB
DODGE	Ram pickup		1994	1998		920-35F
DODGE	Ram pickup (Crew)	Wrap-around Doors	2003	2007	48"	920-35RM5
DODGE	Ram pickup (Reg)	Wrap-around Doors	2003	2007	48"	920-35RM2
DODGE	Ram pickup (1500, 2500, 3500)	Wrap-around Doors	2008	2013	57.5"	920-35RM3

STAR LIGHTBAR VEHICLE SPECIFIC HOOK MOUNT KITS

Make	Model	Style	Beg. Year	Thru Year	Roof Width	Model #
FORD	Bronco		1995			920-35F
FORD	Crown Victoria	Wrap-around Doors	1992	2011	46"	920-35CVLP
FORD	Crown Victoria	Wrap-around Doors	1988	1994		920-35C5
FORD	E-450	Standard Roof	2003	2009		920-35F6
FORD	E-Series (Van)	Standard Roof	1987	2007	66"	920-35
FORD	Econoline Series Vans		2006	2009	66"	920-35C
FORD	Escape		2008	2008		920-35CTB
FORD	Excursion		2000	2005	57"	920-35GM
FORD	Expedition	Wrap-around Doors	1997	2002	49"	920-35EX
FORD	Expedition	Wrap-around Doors	2003	2012	49"	920-35FT
FORD	Explorer	Wrap-around Doors	2000	2007	49"	920-35D
FORD	Explorer	Wrap-around Doors	2008	2011	51"	920-35D1
FORD	Explorer	Wrap-around Doors	2012	2013		920-35F5
FORD	FreeStar	Wrap-around Doors	2005	2007	49.5"	920-35D
FORD	F-Series	Standard Roof	1987	1996	60.5"	920-35
FORD	F-Series	Wrap-around Doors	1997	1997	60.5"	920-35D
FORD	F-Series (150, 250)	Wrap-around Doors	1998	2003	53"	920-35D
FORD	F-Series (150/250,450, 550)	Wrap-around Doors	2004	2005	57"	920-35F4
FORD	F-Series (150)	Wrap-around Doors	2007	2013	57"	920-35F1
FORD	F-Series (250, 350, 450, 550)	Wrap-around Doors	2007	2013	58.5"	920-35F2
FORD	F-Series (250)		1991			920-35D
FORD	F-Series (250)		1991			920-35C
FORD	F-Series (250)	Wrap-around Doors	2002	2004	51.5"	920-35FT
FORD	F-Series (250, 350, 450, 550)	Wrap-around Doors	1998	2005	57"	920-35GM
FORD	F-Series (350)		2000			920-35
FORD	LTD-Crown Vic	Standard Roof	1988	1991	51"	920-35
FORD	LTD-Crown Vic		1992	2011	46"	920-35CVLP
FORD	Mustang	Standard Roof	1988	1993	47"	920-35
FORD	Ranger	Standard Roof	1987	1992	52"	920-35
FORD	Ranger		1997			920-35
FORD	Ranger		1999	2000		920-35GM
FORD	Ranger	Wrap-around Doors	2002	2007	48.5"	920-35GM
FORD	Taurus	Wrap-around Doors	2001	2005	47"	920-35GM2
FORD	Taurus	Wrap-around Doors	2010	2012		920-35F3
FORD	Van (Full size)		1987	2007	66"	920-35
FORD	Windstar	Wrap-around Doors	1999	2001	49"	920-35GM
FORD	Canyon	Wrap-around Doors	2007	2011	45"	920-35GM6
GMC	Envoy	Wrap-around Doors	2002	2005	48"	920-35CTB
GMC	Jimmy (full size)	Standard Roof	1990	1991	59"	920-35
GMC	S10 Jimmy & pickup	Wrap-around Doors	1990	1993	47"	920-35GM2
GMC	Trucks		1988	1994		920-35GM
GMC	Trucks		1995	2000		920-35-S105
ISUZU	Delivery Truck Chassis		2000	2004		920-35IZ
JEEP	Jeep Cherokee	Standard Roof	1990	1994	53.5"	920-35
JEEP	Jeep Cherokee	Standard Roof	1995	2001	51.5"	920-35
JEEP	Jeep Grand Cherokee	Wrap-around Doors	1999	2004	48"	920-35GM
JEEP	Jeep Liberty	Wrap-around Doors	2002	2004	46"	920-35GM
PLYMOUTH	PT Cruiser	Wrap-around Doors	2001	2005	44"	920-35GM
PONTIAC	Grand Prix		1994	1994		920-35GM
TOYOTA	Heliux		2010	2012		920-35F
TOYOTA	Tacoma		2010	2013		920-35F
TOYOTA	Tundra		2004	2011		920-35F

920-35	920-35C	920-35C5	920-35CH	920-35CTB	920-35CVLP	920-35D	920-35D1
920-35EX	920-35F	920-35F1	920-35F2	920-35F3	920-35F4	920-35F5	920-35F6

920-35F8	920-35FT	920-35GM (LONG LEG)	920-35GM2	920-35GM5	920-35GM6	920-35GM7	920-35I

920-35I6	920-35INT	920-35IZ	920-35M1	920-35M2	920-35RM3	920-35RM5	920-35-105 (OFFSET LEG)
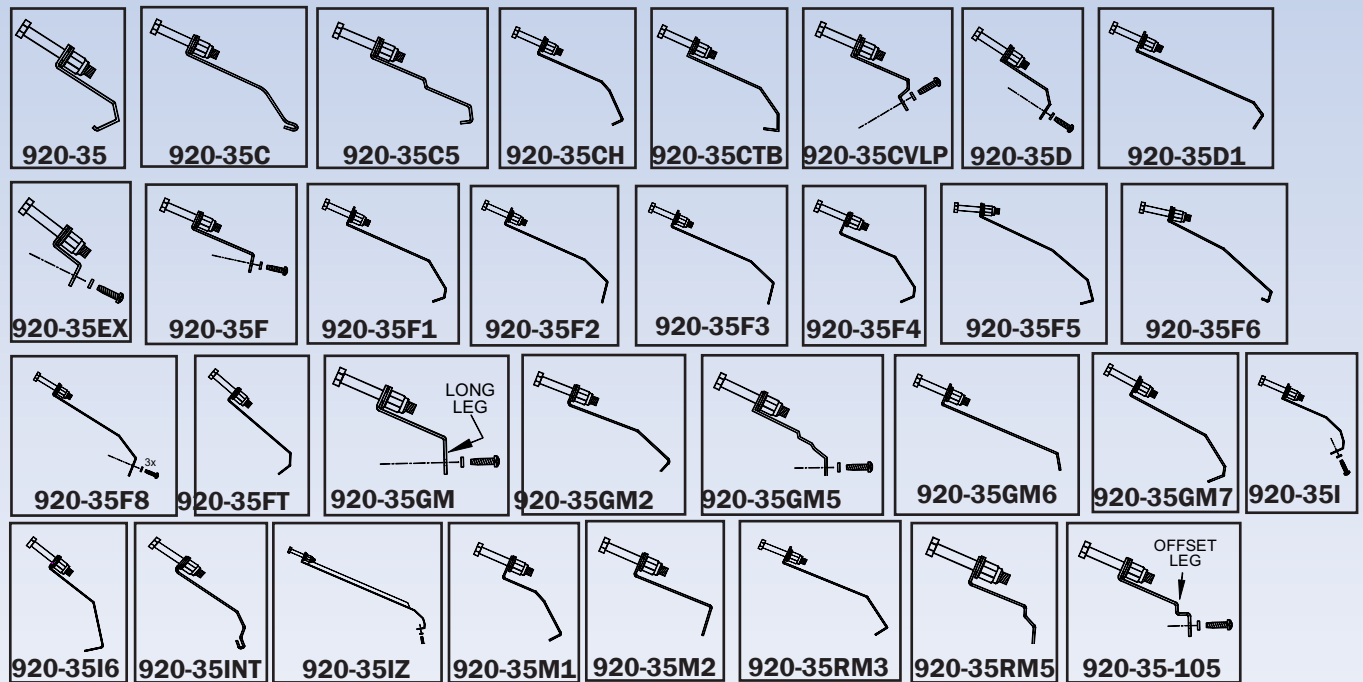
SPECIFICATION CHART

LED BEACONS

PAGE	WARNING LIGHTS	LENS COLORS	VOLTAGES	MOUNTING	CURRENT DRAW AMPS	OUTPUT	LBS.
47	255HTCL	A R B C G	10-30V DC	PERM/PIPE MOUNT	0.6	SAE J595 CLASS 1	3
47	255HTCLM	A R B C G	10-16V DC	MAGNET	0.6	SAE J595 CLASS 1	4
47	255HTCLV	A R B C G	10-16V DC	VACUUM MAGNET	0.6	SAE J595 CLASS 1	5
47	255H8TCL	A R B C G	10-30V DC	PERM/PIPE MOUNT	0.6	SAE J595 CLASS 1	3
47	255H8TCLM	A R B C G	10-16V DC	MAGNET	0.6	SAE J595 CLASS 1	4
47	255H8TCLV	A R B C G	10-16V DC	VACUUM MAGNET	0.6	SAE J595 CLASS 1	5
47	255HTSL	A R B C G	10-30V DC	PERM/PIPE MOUNT	0.6	SAE J595 CLASS 1	3
47	255HTSLM	A R B C G	10-16V DC	MAGNET	0.6	SAE J595 CLASS 1	4
47	255HTSLV	A R B C G	10-16V DC	VACUUM MAGNET	0.6	SAE J595 CLASS 1	5
47	255H8TSL	A R B C G	10-30V DC	PERM/PIPE MOUNT	0.6	SAE J595 CLASS 1	3
47	255H8TSLM	A R B C G	10-16V DC	MAGNET	0.6	SAE J595 CLASS 1	4
47	255H8TSLV	A R B C G	10-16V DC	VACUUM MAGNET	0.6	SAE J595 CLASS 1	5
47	255H8TAL	A	10-30V DC	PERM/PIPE MOUNT	0.6	SAE J595 CLASS 1/ CA TITLE 13	3
47	255H8TALV	A	10-16V DC	VACUUM MAGNET	0.6	SAE J595 CLASS 1/ CA TITLE 13	5
		Note: Not Class 1 in all colors see catalog page for specifications					

REMOTE POWER SUPPLY SPECIFICATIONS

Model Number		RP310*	RP242**	RP244**	RP966**	RP996**
Power (Watts)		24	40	75	60	90
Amps	@ 12 VDC	2.5	4.2	7.8	7.8	9.4
	@ 24 VDC	1.3	2.1	3.9	3.1	4.7
Joules†	Primary	7.8	3.4	6.4	5.5	8.3
	1st	3.5	3.4	6.4	3.8	5.7
	2nd	N/A	3.4	6.4	3.8	5.7
	3rd	N/A	3.4	6.4	3.8	5.7
	4th	N/A	3.4	6.4	3.8	5.7
Total Output (joules)		11.3	17.0	31.9	20.7	31.1
Energy Efficiency		80%	80%	80%	80%	80%
Number of Outlets		2	2	4	6	6
High/Low Power Option		Yes	Yes	Yes	Yes	Yes
Head-Switching Option		No	No	Yes	Yes	Yes
Fuse-Protected		N/A	Yes	Yes	Yes	Yes
Flash Rate (default pattern)		512 FPM	705 FPM	1410 FPM	2610 FPM	2610 FPM
Patterns Select		2	6	6	24	24
Weight (lbs.)		1.0	1.5	1.5	1.3	1.3

* RP310 customer selectable double/quad flash (default quad flash)

**RP242 & RP244 defaulted for the five flash pattern. The RP966 & RP996 is
defaulted to quad flash pattern. Other patterns are customer selectable.

†One joule assimilates 100,000 candle power

All remote power supplies are reverse polarity protected

CABLE SPECIFICATIONS FOR REMOTE POWER SUPPLIES

MODEL NUMBER	LENGTH	LIGHT-DUTY	HEAVY-DUTY	SHIELDED	CONNECTOR *PACK-SIDE*	CONNECTOR *HEAD-SIDE*
4415	15 ft.	X		X	AMP	AMP
4420	20 ft.	X		X	AMP	AMP
4425	25 ft.	X		X	AMP	AMP
4430	30 ft.	X		X	AMP	AMP
3814	specify*		X		AMP	WEATHERPROOF
3820	specify*	X			AMP	WEATHERPROOF
3821	specify*	X			AMP	AMP
3830†	specify*		X		WEATHERPROOF	WEATHERPROOF

*Available in 5' increments (10' - 50')

For use with RP222W only

†One joule assimilates 100,000 candle
power

STROBE TUBES
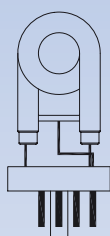
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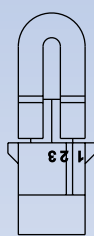
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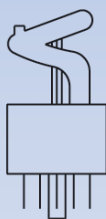
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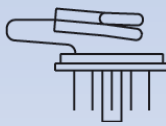
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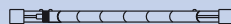
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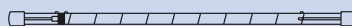
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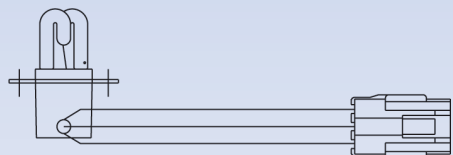
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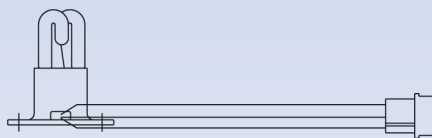
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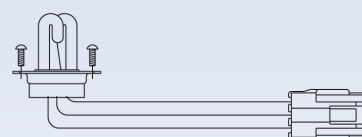
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ST415P

ST415P-W

BULBS

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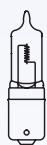
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50W

2073-H20-W24
28V 20W

2073-H27
12V 27W

2073-H27-24V
24V 27W
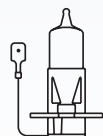
2073-H3-1 (12V)
2073-H3-2 (24V)

2073-H50S
12V50W

2073-H50-W24
28V 50W

2073-1142

2073-1157

2073-1195

2073-94

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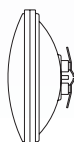
2073-4411 / 2073-4505 /
2073-4509 / 2073-7400

2073-59013

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