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Star Lighting Products 1-800-392-3552

Due to continuous product improvement programs, we must reserve the right to change specifications and information at any time without prior notification.
STAR Halo™ LED technology is a patent pending, extremely low current draw, ultra high intensity LED light that exceeds the latest J845 and CA13 standards. The circuitry is designed with 24 customer selectable flash patterns, high/low intensity feature (Manual or Automatic), and S-Link System™ that allows synchronizing capabilities with other STAR LED products. Circuitry is fully encapsulated for increased weather and shock resistance. Choose from several different beacons that incorporate STAR Halo™ LED technology.

**STAR HALO™ LED BEACONS**

**200AH8L & 200AHL SERIES**

**Models:**

- **200A1H8L:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, 1” Pipe Mount
- **200AH8L:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Permanent Mount
- **200A1HL:** SAE Class I, High Intensity STAR Halo™ LED Optics, 1” Pipe Mount
- **200AHL:** SAE Class I, High Intensity STAR Halo™ LED Optics, Permanent Mount

**Specifications:**

- Heavy-duty spun aluminum base and universal mounting: permanent mount, universal mount plate with 1” pipe mount
- Durable polycarbonate inner lens and outer dome
- Clear, smooth, outer dome for easy cleaning and provides inner lens protection

**Dimensions:**

- 7-3/4” tall x 9” dia., 4lbs.

**Voltage:**

- 12V-24V DC

**Amp Draw:**

- 0.6 Amps @ 12V DC, 0.3 Amps @ 24V DC

**LED Colors:**

- Amber, Blue, Red, White

**Lens Colors:**

- Amber, Blue, Clear, Green, Red

**Approvals:**

- SAE Class I (Amber)
  
  (Does not apply to all flash patterns)

**200BH8L & 200BHL SERIES**

**Models:**

- **200BH8L:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Permanent Mount or 3/4” Pipe Mount
- **200BHL:** SAE Class I, High Intensity STAR Halo™ LED Optics, Permanent Mount or 3/4” Pipe Mount

**Specifications:**

- Heavy-duty spun aluminum base and universal mounting: permanent mount, standard 3/4” pipe mount
- Durable polycarbonate inner lens and outer dome
- Clear, smooth, outer dome for easy cleaning and provides inner lens protection

**Dimensions:**

- 6-7/8” tall x 8-1/4” dia., 4lbs.

**Voltage:**

- 12V-24V DC

**Amp Draw:**

- 0.6 Amps @ 12V DC, 0.3 Amps @ 24V DC

**LED Colors:**

- Amber, Blue, Red, White

**Lens Colors:**

- Amber, Blue, Clear, Green, Red

**Approvals:**

- SAE Class I (Amber)
  
  (Does not apply to all flash patterns)
200CH8L & 200CHL Series

Models:
- **200CH8L:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Permanent Mount
- **200CFH8L:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Permanent Mount, 3-Hole Flange Mount
- **200CHL:** SAE Class I, High Intensity STAR Halo™ LED Optics, Permanent Mount
- **200CFHL:** SAE Class I, High Intensity STAR Halo™ LED Optics, Permanent Mount, 3-Hole Flange Mount

Specifications:
- Heavy-duty spun aluminum base and universal mounting: permanent mount, 3-hole flange mount
- Durable polycarbonate lens
- Dimensions: 7-9/16” tall x 7-3/4” dia., 4lbs.
- Voltage: 12V-24V DC
- Amp Draw: 0.6 Amps @ 12V DC, 0.3 Amps @ 24V DC
- LED Colors: Amber, Blue, Red, White
- Lens Colors: Amber, Blue, Clear, Green, Red
- Approvals: SAE Class I (Amber) (Does not apply to all flash patterns)

200SH8L & 200SHL Series

Models:
- **200SH8L:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1/2” Pipe Mount
- **200SH8LM:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Magnetic Mount
- **200SHL:** SAE Class I, High Intensity STAR Halo™ LED Optics, 1/2” Pipe Mount
- **200SHLM:** SAE Class I, High Intensity STAR Halo™ LED Optics, Magnetic Mount

Specifications:
- Rugged die-cast aluminum base with powder coat finish and universal mounting: permanent mount, standard 1/2” pipe mount, optional magnetic mount with cigarette plug adapter
- Durable polycarbonate lens
- Dimensions: 4-1/4” tall x 5-1/2” dia., 3lbs.
- Voltage: 12V-24V DC
- Amp Draw: 0.6 Amps @ 12V DC, 0.3 Amps @ 24V DC
- LED Colors: Amber, Blue, Red, White
- Lens Colors: Amber, Blue, Clear, Green, Red
- Approvals: SAE Class I (Amber) (Does not apply to all flash patterns)
240H8A Tall Lens w/Dust Cover Models:

- **240H8FL:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, 1/2" Pipe/Flange Mount
- **240H8FL1:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, 1" Pipe/Flange Mount
- **240H8AL:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, 1/2" Pipe Mount
- **240H8AL1:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, 1" Pipe Mount
- **240H8ALM:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Magnetic Mount

240H8C & 240HC Tall Lens Models:

- **240H8CFL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1/2" Pipe/Flange Mount
- **240H8CFL1:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1" Pipe/Flange Mount
- **240H8CL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1/2" Pipe Mount
- **240H8CL1:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1" Pipe Mount
- **240H8CLM:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Magnetic Mount
- **240HCFL:** SAE Class I, High Intensity STAR Halo™ LED Optics, 1/2" Pipe/Flange Mount
- **240HCFL1:** SAE Class I, High Intensity STAR Halo™ LED Optics, 1" Pipe/Flange Mount
- **240HCL:** SAE Class I, High Intensity STAR Halo™ LED Optics, 1/2" Pipe Mount
- **240HCL1:** SAE Class I, High Intensity STAR Halo™ LED Optics, 1" Pipe Mount
- **240HCLM:** SAE Class I, High Intensity STAR Halo™ LED Optics, Magnetic Mount

240H8S & 240HS Short Lens Models:

- **240H8SFL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1/2" Pipe/Flange Mount
- **240H8SFL1:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1" Pipe/Flange Mount
- **240H8SL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1/2" Pipe Mount
- **240H8SL1:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, 1" Pipe Mount
- **240H8SLM:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Magnetic Mount
- **240HSFL:** SAE Class II, High Intensity STAR Halo™ LED Optics, 1/2" Pipe/Flange Mount
- **240HSFL1:** SAE Class II, High Intensity STAR Halo™ LED Optics, 1" Pipe/Flange Mount
- **240HSL:** SAE Class II, High Intensity STAR Halo™ LED Optics, 1/2" Pipe Mount
- **240HSL1:** SAE Class II, High Intensity STAR Halo™ LED Optics, 1" Pipe Mount
- **240HSLM:** SAE Class II, High Intensity STAR Halo™ LED Optics, Magnetic Mount

Specifications:

- Rugged die-cast aluminum base with powder coat finish and universal mounting: permanent mount, flange mount, standard 1/2" pipe mount; available 1" pipe mount, optional magnetic mount with cigarette plug adapter
- Durable polycarbonate lens

Dimensions:

- (Short Dome): 4-1/4" tall x 5-1/2" dia., 2lbs.
- (Tall Dome): 6" tall x 5-1/2" dia., 3lbs.

Voltage:

- 12V-24V DC

Amp Draw:

- 0.6 Amps @ 12V DC, 0.3 Amps @ 24V DC

Lens Colors:

- Amber, Blue, Clear, Green, Red

Approvals:

- SAE Class I (Amber)
(Does not apply to all flash patterns)
**Models:**

**255H8TALV:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Short Lens

**255H8TAL:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens

**255H8TCLV:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Tall Lens

**255H8TCL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens

**255H8TSLVL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Short Lens

**255H8TSL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Short Lens

**257H8TALV:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Tall Lens w/Dust Cover

**257H8TAL:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens w/Dust Cover

**257H8TCLV:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Tall Lens

**257H8TCL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens

**257H8TSLVL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Short Lens

**257H8TSL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Short Lens


**Specifications:**

Lightweight polycarbonate, universal flange base: 3-hole permanent mount, 1’’ pipe mount, optional vacuum magnetic mount with cigarette plug adapter

Durable polycarbonate, Twist On/Off Lens

Dimensions: (Short Dome): 4-3/4’’ tall x 6-13/32’’ dia., 2lbs.
(Tall Dome): 6-11/16’’ tall x 6-13/32’’ dia., 3lbs

Voltage: 12V-24V DC

Amp Draw: 0.6 Amps @ 12V DC, 0.3 Amps @ 24V DC

Lens Colors: Amber, Blue, Clear, Green, Red

Approvals: SAE Class I (Amber) (Does not apply to all flash patterns)

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**Models:**

**257H8TALV:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Tall Lens w/Dust Cover

**257H8TAL:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens w/Dust Cover

**257H8TCLV:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Tall Lens

**257H8TCL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens

**257H8TSLVL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Short Lens

**257H8TSL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Short Lens

**257HTALV:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Tall Lens w/Dust Cover

**257HTAL:** SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens w/Dust Cover

**257HTCLV:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Tall Lens

**257HTCL:** SAE Class I, Ultra High Intensity STAR Halo™ LED Optics, Flange Mount, Tall Lens

**257HTSLVL:** SAE Class II, High Intensity STAR Halo™ LED Optics, Vacuum Magnetic Mount, Short Lens

**257HTSL:** SAE Class II, High Intensity STAR Halo™ LED Optics, Flange Mount, Short Lens


**Specifications:**

Die-cast metal, universal flange mount: 3-hole permanent mount, 1’’ pipe mount, optional vacuum magnetic mount with cigarette plug

Durable polycarbonate, Twist On/Off Lens

Dimensions: (Short Dome): 4-3/4’’ tall x 6-13/32’’ dia., 2lbs.
(Tall Dome): 6-11/16’’ tall x 6-13/32’’ dia., 3lbs

Voltage: 12V-24V DC

Amp Draw: 0.6 Amps @ 12V DC, 0.3 Amps @ 24V DC

Lens Colors: Amber, Blue, Clear, Green, Red

Approvals: SAE Class I (Amber) (Does not apply to all flash patterns)
These 360° LED beacons are compact and powerful. The 200ZL offers a polycarbonate lens clamped to a rugged die-cast aluminum base with a fully gasketed aluminum retaining ring to enhance water resistance.

The 201ZL offers a polycarbonate, quick-snap lens and base assembly for easy field repairs. The polycarbonate lens is sealed to the base with a water resistant enhanced O-ring.

The 203MVL offers a twist on/off lens for quick field maintenance and a durable polycarbonate plastic base with flange.

The 204MV is a space saving solution. It offers a twist on/off lens for quick field maintenance and a durable plastic, flange mount base. Twenty-nine customer selectable flash patterns with an extremely low current draw gives these beacons many flexible options. The fully encapsulated circuitry and long life LEDs (rated for up to 10,000 hours) ensures trouble free operation. Ships complete with mounting hardware and instructions.

Models:

**200ZL Series:**
- 200ZL: Permanent Mount, 200ZLM*: Magnetic Mount
- 200ZL-48: Permanent Mount
- 3-3/4"H x 4-1/8"Dia., 2 lbs.

**201ZL Series:**
- 201ZL: Permanent Mount, 201ZLM*: Magnetic Mount
- 201ZL-48: Permanent Mount
- 3-3/4"H x 4-1/4"Dia., 1.5 lbs.

**203MVL Series:**
- 203MVL: Permanent Mount, 203MVLM: Magnetic Mount
- 203MVL-48: Permanent Mount
- 3-1/2"H x 5-1/16"Dia., 1 lb.

**204MVL Series:**
- 204MVL: Flange Mount Only
- 204MVL-48: Permanent Mount
- 5"H x 4-7/8"Dia., 1 lb.

Specifications:

**Voltage:**
- 200ZL, 201ZL, 203MVL, 204MVL: 10V-16V DC

**Amp Draw:**
- 200ZL, 201ZL, 203MVL, 204MVL: 0.35 Amps @ 10V-16V DC
- 200ZL-48, 201ZL-48, 203MVL-48, 204MVL-48: 0.13 Amps @ 10V-48V DC

**LEDs:**
- Two Star Generation-4 LEDs

**Color:**
- Amber lens with Amber LED

**Mounting*:**
- Permanent Mount
- Flange Mount
- 1/2" Pipe Mount
- Magnetic Mount

* does not apply to all lights

**Approvals:**
- SAE J845 Class III (Amber)
200A & 200B SERIES - HIGH PROFILE, HEAVY DUTY

The 200A and 200B series are built with heavy-duty spun aluminum bases. The 200A has an open bottom while the 200B has an enclosed bottom. Each has a smooth outer dome for easy cleaning which also protects the inner fresnel lens. Field-selectable flash patterns via an internal jumper for quad flash, double flash, or single flash, RFI protection, and patented LED diagnostic indicator are standard. Ships complete with mounting hardware and instructions.

Models:

200A Series:
- 200A: Single Flash, Double Flash, or Quad Flash
- 200ADH: High Power, Double Flash
- 200AQH: High Power, Quad Flash
  7-3/4"H x 9"Dia., 4 lbs.

200B Series:
- 200B: Single Flash, Double Flash, or Quad Flash
- 200BDH: High Power, Double Flash
- 200BQH: High Power, Quad Flash

Specifications:
- Voltage: 12V - 24V DC
- Amp Draw:
  - 2 Amps Max (High Power: 3.2 Amps)
- Joules:
  - Single Flash: 11.35 joules @ 100fpm
  - Double Flash: 18.7 joules @ 65dfpm
  - Quad Flash: 17.6 joules @ 75fpm
  - High Power Double or Quad Flash: 23 joules
- Lens color: Amber, Blue, Clear, Green, Red, Magenta
- Mounting:
  - 200A Series: Permanent mount
  - 200B Series: Permanent or 3/4" pipe mount
- Approvals:
  - 200B (Single Flash): CSA
  - 200A, 200B (Single Flash): SAE J1318 Class 2
    - Amber, Blue, Clear, Red
  - 200A, 200B (Double Flash): SAE J1318 Class 1
    - Amber, Blue, Clear
    - Class 2: Red
  - 200A, 200B (Quad Flash): SAE J1318 Class 1
    - Amber, Blue, Clear, Red
    - California Title 13 - Amber

PARTS
- Outer Dome .............................................. 134-L
- Lens .......................................................... 300
- Strobe Tube .............................................. 129 or 129-DH (High Power)
- Circuit (Standard Power) ......................... 181-SQH-12
- Circuit (Double Flash, High Power) ......... 181-DH12
- Circuit (Quad Flash, High Power) .......... 181-QH12
- Channel Gasket ...................................... 111A
- Clamp Ring (200B) ................................. 4022
- Plastic Base Insert (200A) ......... 101-AP

200C & 200E SERIES - MOST BASIC

The 200C and 200E series are basic strobe lights that are economically priced. They are built tough with anodized spun aluminum bases for increased durability and weather resistance. Ideal for medium to heavy duty applications. Field-selectable flash patterns via an internal jumper for quad flash, double flash, or single flash, RFI protection, and patented LED diagnostic indicator are standard. Ships complete with mounting hardware and instructions.

Models:

200C Series:
- 200C, 200CF Single Flash, Double Flash, Quad Flash
- 200CDH: High Power, Double Flash
- 200CQH: High Power, Quad Flash
  7-9/16"H x 7-3/4"Dia., 4 lbs.

200E Series:
- 200E: Single Flash
  7-9/16"H x 7-3/4"Dia., 4 lbs.

Specifications:
- Voltage:
  - 200C Series: 12V - 24V DC
  - 200E: 110V - 120V DC
- Amp Draw:
  - 2 Amps Max (High Power: 3.2 Amps)
- Joules:
  - Single Flash: 11.35 joules @ 100fpm
  - Double Flash: 18.7 joules @ 65dfpm
  - Quad Flash: 17.6 joules @ 75fpm
  - High Power Double or Quad Flash: 23 joules
- Lens color: Amber, Blue, Clear, Green, Red, Magenta
- Mounting:
  - 200C Series: Permanent or Flange Mount
  - 200E: Permanent or 3/4" Pipe Mount
- Approvals:
  - 200C (Single Flash): SAE J1318 Class 2
    - Amber, Blue, Clear, Red
  - 200C (Double Flash): SAE J1318 Class 1
    - Amber, Blue, Clear
    - California Title 13 - Amber
  - 200E: ULC Approved
  - 200CQH: SAE J1318 Class 1
    - Amber, Blue, Clear, Red
    - California Title 13 - Amber

PARTS
- Lens .......................................................... 300
- Strobe Tube .............................................. 129 or 129-DH (High Power)
- Circuit (Standard Power) ......................... 181-SQH-12
- Circuit (Double Flash, High Power) ......... 181-DH12
- Circuit (Quad Flash, High Power) .......... 181-QH12
- Circuit (200E) .......................................... 181-110
- Channel Gasket ...................................... 111C

Selectable Hi/Lo intensity is a standard feature on standard power Double and Quad Flash models. An optional photocell is available for High Power models that automatically switches to lower intensity in low light conditions.
The 250 series is built for High Power and High Visibility. An anodized spun aluminum case and rugged die-cast base plate makes this light durable for any heavy duty application. A fully gasketed lens and base protects against the elements. Standard power models are also available (250A, 250C, 250S with field-selectable flash patterns via an internal jumper for quad flash, double flash, or single flash, RFI protection, and patented LED diagnostic indicator are standard.) Ships complete with mounting hardware and instructions.

### Models:

**250C Series:**
- 250AH: Single Flash w/Dust Cover;
- 250ADH: Double Flash w/Dust Cover;
- 250AQH: Quad Flash w/Dust Cover;
- 250CH: Single Flash; 250CDH: Double Flash;
- 250CQH: Quad Flash

**250S Series:**
- 250SH: Single Flash; 250SDH: Double Flash;
- 250SQH: Quad Flash

**High Power Specifications:**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Single Flash</th>
<th>Double or Quad Flash</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12V DC</td>
<td>12V-24V DC</td>
</tr>
<tr>
<td>Amp Draw</td>
<td>3.6 Amps</td>
<td>3.2 Amps</td>
</tr>
<tr>
<td>Joules</td>
<td>20 joules</td>
<td>23 joules</td>
</tr>
<tr>
<td>Lens color</td>
<td>Amber, Blue, Clear, Green, Red, Magenta</td>
<td></td>
</tr>
<tr>
<td>Mounting</td>
<td>Flange Mount (2 holes on 6-7/8” centers)</td>
<td></td>
</tr>
<tr>
<td>Approvals</td>
<td>SAE J1318 Class 1: Amber, TXDOT Specifications: SDHPT - 055057 - 0189</td>
<td></td>
</tr>
<tr>
<td></td>
<td>250ADH, 250DHP, 250CDH, 250CDHP: California Administrative Code, AAMVA - 12V DC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>250CQH: SAE Class 1: Amber, Red California Title 13: Amber</td>
<td></td>
</tr>
</tbody>
</table>

### 255HTC - High Profile - LED Diagnostics

The 255HTC offers a patented LED diagnostic indicator, a photocell for automatic “night” mode switching, and field-selectable flash patterns via an internal jumper for quad flash, double flash, or single flash. Lens easily twists on/off the durable and lightweight plastic, universal mount, flanged base. The modular circuit is completely encapsulated for increased shock and weather resistance and is also protected with a low voltage shutdown feature. RFI protection is standard. Ships complete with mounting hardware and instructions.

### Models:

**255HTC Series:**
- 255HTC: Flange/ Pipe mount
- 255HTCM: Magnetic Mount

**Specifications:**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Voltage: 12V-24V DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amp Draw</td>
<td>2 Amps @ 12V DC</td>
</tr>
<tr>
<td></td>
<td>1 Amps @ 24V DC</td>
</tr>
<tr>
<td>Joules</td>
<td>19.5 joules (Quad Flash mode)</td>
</tr>
<tr>
<td>Lens color</td>
<td>Amber, Blue, Clear, Green, Red, Magenta</td>
</tr>
<tr>
<td>Mounting</td>
<td>Universal Flange Mount</td>
</tr>
<tr>
<td></td>
<td>1” Pipe mount Magnetic Mount</td>
</tr>
<tr>
<td>Approvals</td>
<td>SAE J1318 in Quad Flash mode</td>
</tr>
<tr>
<td></td>
<td>Class 1: Amber, Blue, Clear</td>
</tr>
</tbody>
</table>
**255TC & 255TS - STARS WITH A TWIST**

The 255TC & 255TS series offer field selectable flash patterns of quad flash, double flash, or single flash via an internal jumper. Lens easily twists on/off the durable and lightweight plastic, universal mount, flanged base. The modular circuit is completely encapsulated for increased shock and weather resistance, and is also protected with a low voltage shutdown feature. Ships complete with mounting hardware and instructions.

**Models:**

**255TC Series:**
- 255TC: Flange Mount
- 255TCM: Magnetic Mount
- 255TCV: Vacuum Magnetic Mount
- 6-11/16"H x 6-13/32"Dia., 3 lbs.

**255TS Series:**
- 255TS: Flange Mount
- 255TSM: Magnetic Mount
- 255TSV: Vacuum Magnetic Mount
- 4-3/4"H x 6-13/32"Dia., 2 lbs.

**Specifications:**

- **Voltage:** 12V-48V DC
- **Amp Draw:**
  - 1.2 Amps @ 12V DC
  - 0.6 Amps @ 24V DC
  - 0.3 Amps @ 36V DC
  - 0.175 Amps @ 48V DC
- **Joules:**
  - Double Flash: 7 joules
  - Quad Flash: 10 joules
- **Lens color:** Amber, Blue, Clear, Green, Red, Magenta
- **Mounting:** Universal Flange Mount
- **Approvals:** SAE J1318 Class 2: Amber, Blue, Clear, Red (Quad Flash mode)

**PARTS**

<table>
<thead>
<tr>
<th>Lens (255TC Series)</th>
<th>295TC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lens (255TS Series)</td>
<td>297TS</td>
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<td>Strobe Tube</td>
<td>129-8UB</td>
</tr>
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<td>Circuit</td>
<td>181-T-DQ</td>
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<tr>
<td>Cig Plug with Lighted on/off Switch</td>
<td>176-SW</td>
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<tr>
<td>Vacuum Magnet Mount</td>
<td>920-18V</td>
</tr>
<tr>
<td>O-Ring Gasket</td>
<td>30047-41</td>
</tr>
</tbody>
</table>

**200S SERIES - MEDIUM PROFILE**

The 200S series are our most popular medium profile strobe lights. The rugged die-cast base is fully gasketed and the modular circuit is completely encapsulated for increased shock and weather resistance. Field-selectable flash patterns via an internal jumper for quad flash, double flash, or single flash, RFI protection, and patented LED diagnostic indicator are standard. Ships complete with mounting hardware and instructions.

**Models:**

**200S Series:**
- 200S, 200SM: Single Flash, Double Flash, Quad Flash
- 6-1/4"H x 5-1/2"Dia., 3 lbs.

**Specifications:**

- **Voltage:** 12V - 24V DC
- **Amp Draw:**
  - 2 Amps @ 12V DC
- **Joules:**
  - Single Flash: 11.35 joules @ 100fpm
  - Double Flash: 18.7 joules @ 65fpm
  - Quad Flash: 17.6 joules @ 75fpm
- **Lens color:** Amber, Blue, Clear, Green, Red, Magenta
- **Mounting:** Permanent Mount
- **Approvals:**
  - 200S (Single Flash): SAE J1318 Class 2
  - 200S (Double Flash & Quad Flash):
    - SAE J1318 Class 1: Amber, Blue, Clear
    - Class 2: Red

**PARTS**

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<td>4100LF</td>
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<tr>
<td>Clamp Ring</td>
<td>365</td>
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</tbody>
</table>

Selectable Hi/Lo intensity is a standard feature on Double and Quad Flash models.
240 SERIES - MEDIUM PROFILE

The 240 Series is our most popular and most versatile strobe light. The circuit is completely encapsulated for increased shock and weather resistance. The rugged die-cast aluminum base is protected with a powder coat finish. Field-selectable flash patterns via an internal jumper for quad flash, double flash, or single flash, RFI protection, and patented LED diagnostic indicator are standard. Ships complete with mounting hardware and instructions.

Models:

240C Series: 240C, 240CF, 240CM: Single Flash, Double Flash, Quad Flash 6" H x 5-1/2" Dia., 3 lbs.

240S Series: 240S, 240SF, 240SM: Single Flash, Double Flash, Quad Flash 4-1/4" H x 5-1/2" Dia., 2 lbs.

Specifications:

Voltage: 12V - 24V DC
Amp Draw: 2.0 Amps
Joules:
- Single Flash: 11.35 joules @ 100 fpm
- Double Flash: 18.7 joules @ 65 dfpm
- Quad Flash: 17.6 joules @ 75 qfpm
Lens color: Amber, Blue, Clear, Green, Red, Magenta
Mounting: Permanent Mount, 1/2" Pipe Mount, Flange Mount, Magnetic Mount
Approvals:
- 240S Single Flash: SAE J1318 Class 2 Amber, Blue, Clear, Red
- Double Flash: SAE J1318 Class 2 Amber, Blue, Clear, Red
- Quad Flash: SAE J1318 Class 1 Blue, SAE J1318 Class 2 Amber, Clear, Red
- 240C Single Flash: SAE J1318 Class 2 Amber, Blue, Clear, Red
- Double Flash: SAE J1318 Class 1 Amber, Blue, Clear
- Quad Flash: SAE J1318 Class 1 Amber, Blue, Clear, Red

242 SERIES - MEDIUM PROFILE - LED DIAGNOSTICS

The 242 Series offers a patented LED diagnostic indicator, a photocell for automatic "night" mode switching and field selectable flash patterns of quad flash, double flash, or single flash via an internal jumper. The modular circuit is completely encapsulated for increased shock and weather resistance. The rugged die-cast aluminum base is protected with a powder coat finish. RFI protection is standard. Ships complete with mounting hardware and instructions.

Models:


242SL Series: 242SL: Permanent Mount; 242SFL: Flange Mount; 242SLM: Magnetic Mount 4-1/4" H x 5-1/2" Dia., 2 lbs.

Specifications:

Voltage: 12V-24V DC
Amp Draw:
- 2 Amps @ 12V DC
- 1 Amps @ 24V DC
Joules: 19.5 joules (Quad Flash)
Lens color: Amber, Blue, Clear, Green, Red, Magenta
Mounting: Permanent Mount, Flange Mount, 1/2" Pipe Mount, Magnetic Mount
Approvals:
- 242S Quad Flash: SAE J1318 Class 1 Clear
- SAE J1318 Class 2 Amber, Blue, Red
- 242C Quad Flash: SAE J1318 Class 1 Amber, Blue, Clear
- SAE J1318 Class 2 Red

PARTS

Lens (240C): 295
Lens (240S): 297
Strobe Tube: 129
Circuit: 181-50Q-4-12
Magnet: 177
Cig Plug with Lighted on/off Switch: 176-SW

Selectable Hi/Lo intensity is a standard feature on Double and Quad Flash models.
241S Series - Very Low Profile

At only 3” tall, the 241S Series strobes will fit where other strobes won’t. The modular circuit is completely encapsulated for increased shock and weather resistance. The rugged die-cast aluminum base is protected with a powder coat finish. Field-selectable flash patterns via an internal jumper for quad flash, double flash, or single flash, RFI protection, and patented LED diagnostic indicator are standard. Ships complete with mounting hardware and instructions.

Models:

241 Series: 241S 241SF, 241SM: Single Flash, Double Flash, Quad Flash 3-1/4”H x 5-1/2”Dia., 2 lbs.

Specifications:

Voltage: 12V - 24V DC
Amp Draw: 2.0 Amps
Joules: Single Flash: 11.35 joules @ 100fpm
        Double Flash: 18.7 joules @ 65dfpm
        Quad Flash: 17.6 joules @ 75qfpm

Lens color: Amber, Blue, Clear, Green, Red, Magenta
Mounting: Permanent Mount
          1/2” Pipe Mount
          Flange Mount
          Magnetic Mount

PARTS

| Lens | 298 |
| Strobe Tube | 129-R |
| Circuit | 181-S0Q4-12 |
| Magnet | 177 |
| Cig Plug with Lighted on/off Switch | 176-SW |

211R Series - Very Low Profile - Rubber Base

At only 4” tall, the 211R Series strobe lights offer a molded rubber base to absorb shock and vibration and to prevent corrosion. The 211RM Series offers our NEW NeoForce™ Magnet Technology. The magnet is concealed inside the molded rubber base and will not scratch the roof of your vehicle! Ships complete with mounting hardware and instructions.

Models:

211R Series: 211R: Single Flash; 211RQ: Quad Flash; 211RM: Single Flash; 211RMQ: Quad Flash 4” H x 5-3/4” Dia., 3 lbs.

Specifications:

Voltage: Single Flash: 12V DC (Available 24V DC)
        Quad Flash: 12V DC only
Amp Draw: 0.5 Amps @ 12V DC
          0.3 Amps @ 24V DC
Joules: Single Flash: 3 joules
        Quad Flash: 3.75 joules

Lens color: Amber, Blue, Clear, Green, Red, Magenta
Mounting: Permanent Mount on 2 studs on 4-1/8” centers
          Magnetic Mount

PARTS

| Lens | 298 |
| Strobe Tube | 129-Z |
| Circuit (Single Flash) | 181-Z11-12 |
| Circuit (Quad Flash) | 181-ZQ11-12 |
| Cig Plug with Lighted on/off Switch | 176-SW |
200Z Series - Compact Low Profile

The 200Z Series is a compact and powerful, low profile strobe that is ideal for construction, forklift, or many other applications. The polycarbonate lens is clamped to the rugged die-cast aluminum base with a fully gasketed aluminum retaining ring to enhance water resistance. Ships complete with mounting hardware and instructions.

Models:
3-3/4"H x 4-1/8"Dia., 2 lbs.

Specifications:
Voltage:
Single Flash: 12V DC
(available 24V, 36V, 48V DC, or 110V-120V, 220V AC)
Quad Flash: 12V DC Only
Amp Draw:
0.5 Amps @ 12V DC
0.3 Amps @ 24V DC
Joules:
Single Flash: 3 joules
Quad Flash: 3.75 joules
Lens color: Amber, Blue, Clear, Green, Red, Magenta
Mounting: Permanent Mount
1/2" Pipe Mount
Magnetic Mount

201Z Series - Compact Low Profile

The 201Z Series is a small, dynamic, low profile strobe with a quick-snap lens and a high impact resistant plastic base assembly for easy field repairs. The polycarbonate lens is sealed to the base with a water resistant enhanced O-ring. Ships complete with mounting hardware and instructions.

Models:
201Z Series: 201Z: Single Flash; 201ZQ: Quad Flash; 201ZM*: Single Flash; 201ZMQ*: Quad Flash
3-3/4"H x 4-1/4"Dia., 1.5 lbs.

Specifications:
Voltage:
Single Flash: 12V DC
(available 24V, 36V, 48V DC, or 110V-120V, 220V AC)
Quad Flash: 12V DC Only
Amp Draw:
0.5 Amps @ 12V DC
0.3 Amps @ 24V DC
Joules:
Single Flash: 3 joules
Quad Flash: 3.75 joules
Lens color: Amber, Blue, Clear, Green, Red, Magenta
Mounting: Permanent Mount
1/2" Pipe Mount
Magnetic Mount

*Magnetic mount includes metal disk with hook and loop fasteners for easy dash mounting.
**203MV Series - Multivoltage Compact**

**LOW PROFILE**
The 203MV Series is a compact, low profile strobe that is ideal for many applications. The twist on/off lens and base with flange are molded with a durable polycarbonate plastic. Ships complete with mounting hardware and instructions.

**Models:**
- **203MV Series:** 12V-72V DC
  - 3-1/2”H x 5-1/16”Dia., 1 lb.

**Specifications:**
- **Voltage:** 12V - 72V DC
- **Amp Draw:** 0.5 Amps
- **Joules:** 1.5 joules
- **Lens color:** Amber, Blue, Clear, Green, Red, Magenta

**PARTS**
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<thead>
<tr>
<th>Part #</th>
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<tbody>
<tr>
<td>Lens</td>
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<tr>
<td>Strobe Tube</td>
</tr>
<tr>
<td>12-72V DC Circuit</td>
</tr>
</tbody>
</table>

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**204MV Series - Multivoltage Compact**

**LOW PROFILE**
The 204MV is a space saving solution. Fits almost anywhere! It is ideal for a wide variety of applications. The twist on/off lens and base with flange are molded with a durable polycarbonate plastic. Ships complete with mounting hardware and instructions.

**Specifications:**
- **Voltage:** 12V -110V DC
- **Amp Draw:** 0.5 Amps
- **Joules:** 1.75 joules
- **Lens color:** Amber, Blue, Clear, Green, Red, Magenta
- **Mounting:** Flange Mount, 1/2” Pipe Mount
  - 5”H x 4-7/8”Dia.
  - 1 lb.

**PARTS**
<table>
<thead>
<tr>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lens</td>
</tr>
<tr>
<td>Strobe Tube</td>
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</tbody>
</table>
200J & 200U Series - Special Application

The 200J and 200U Series strobes were designed for special application needs. The 200U is designed for indoor use with a patented AC circuit. Ships complete with mounting hardware and instructions.

Models:

**200J Series:**
- 200J: Single Flash; 200JQ: Quad Flash, 6-1/16”H x 6-1/16” Dia.
- 200J-1: Single Flash; 200JQ-1: Quad Flash, 6-7/8”H x 6-1/16” Dia.
- All 2 lbs.

**200U Series:**
- 200U: Single Flash, 6-1/16”H x 6-1/16” Dia.
- 200U-1: Single Flash, 6-7/8”H x 6-1/16” Dia.
- All 2 lbs.

Specifications:

- **Voltage:**
  - 200J Series: Single Flash: 12V DC (available 24V, 36V, 48V, or 72V DC)
  - Quad Flash: 12V - 24V DC
  - 200U Series: Single Flash: 110V-120V DC

- **Amp Draw:** 2 Amps

- **Joules:**
  - Single Flash: 8.3 joules
  - Quad Flash: 17.3 joules

- **Lens Color:** Amber, Blue, Clear, Green, Red, Magenta

- **Mounting:**
  - Permanent mount
  - 1/2” pipe mount
  - Flange Mount

735PS Series - Portable

The 735PS is a convenient portable strobe. It is constructed with a high impact, safety orange, plastic base. A 360 degree lens allows for visibility in all directions. Economical battery operation (approx. 40 hours). These lights are not Coast Guard approved.

Specifications:

- **Voltage:** Two 6 Volt spring terminal batteries (not included)

- **Amp Draw:** 0.5 Amps

- **Joules:** 3 joules

- **Lens Color:** Amber or Red

- **Mounting:** Portable, Magnetic Mount Available

845S Series - Uni-Directional

The 845S Series are self-contained, uni-directional strobes. They offer a fully gasketed, rugged anodized aluminum case and the circuit is completely encapsulated for increased shock and weather resistance. RFI protection is available for quad flash. Ships complete with mounting hardware and instructions.

Models:

**845S Series:**
- 845S: Single Flash; 845SQ: Quad Flash

Specifications:

- **Voltage:**
  - Single Flash: 12V DC (available 24V, 36V, 48V, 72V DC)
  - Quad Flash: 12V - 24V DC

- **Amp Draw:** 2 Amps

- **Joules:** Single Flash: 8.3 joules

- **Lens Color:**
  - Amber or Red

- **Mounting:**
  - Flange Mount

- **Approvals:** CFR 49, Part 221 (Red)
20RH/20RI/450A/450B/455BH Series

The 450A and 450B series are built with heavy-duty spun aluminum bases, while the 20RH and 20RI series are manufactured with rugged die-cast aluminum bases. The 450A has an open bottom while the 20RH, 20RI, and 450B have enclosed bottoms. The 455BH series are built with a durable polycarbonate plastic base. Patented shock mounted rotators with two sealed roller bearings provide quiet, smooth and maintenance free operation. Lock-and-stay bulbs are field replaceable. Durable polycarbonate plastic outer domes keep our lights corrosion, weather, and impact resistant. Ships complete with mounting hardware and instructions.

Models:

- **20RH/20RI Series**: 20RH/20RH: Halogen; 20RI/20RI: Incandescent 7” H x 6” Dia., 2 lbs.
- **450A Series**: 450A: Incandescent; 450AH: Halogen 7-5/8” H x 8-7/8” Dia., 3 lbs.
- **450B Series**: 450B: Incandescent; 450BH: Halogen 8-7/8” H x 8-1/4” Dia., 3 lbs.
- **455BH Series**: 455BH: 80fpm(+/-10); 455BHF: 160fpm(+/-10) 7” H x 8” Dia., 3 lbs.

Specifications:

- **Voltage**: 12V DC
- **Amp Draw**: Incandescent: 2.7 Amps (35 watts) Halogen: 4.0 Amps (50 watts)
- **Flash Rate**: Standard: 80fpm(+/-10) High-Speed: 160fpm(+/-10) Available: 120fpm(+/-10)
- **Lens Color**: Amber, Blue, Clear, Red
- **Filter Color**: Amber, Blue, Green, Red
- **Mounting**: 450A/455B: Permanent mount 450B: Permanent mount, 3/4” pipe mount 20RH/20RI: Permanent mount, 1/2” pipe mount Magnetic Mount available

400 Series

STAR’S Revolving Sealed Beam Lights feature heavy duty motors and shaft assemblies for dependable durability. Our top-of-the-line sealed gear assembly eliminates the need for lubrication, thus reducing required maintenance. Choose from two or four, 35 watt/33,000cp, sealed beams to generate eye-catching light that commands attention in any application. Design accommodates quick in-field repairs when those rare occasions arise. Heavy duty polycarbonate plastic outer domes keep our lights corrosion, weather, and impact resistant. Rugged construction with an anodized spun aluminum housings provide long trouble-free life. Ships complete with mounting hardware and instructions.

Models:

- **400 Series**: 400A: 2 Sealed Beam, 8-7/8” H x 9” Dia., 6 lbs. 400B: 2 Sealed Beam, 8-7/8” H x 8-1/4” Dia., 7 lbs.

Specifications:

- **Voltage**: 12V DC or 24V DC
- **Amp Draw**: 400A/400B: 6.5 Amps @ 12V DC
- **Flash Rate**: 100fpm
- **Lens color**: Amber, Blue, Clear, Red
- **Mounting**: 400A: Permanent mount 400B: Permanent mount, 3/4” pipe mount
- **Approvals**: 400A: SAE J845 Class 1: Amber

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Toll Free Fax Line: 1-888-478-2797  www.starheadlight.com
The 1188 Series Hotshot II is our most compact portable emergency dash light. A 27 watt halogen bulb combined with a highly polished reflector gives this light a high intensity flash. Ships complete with mounting hardware and instructions.

Models:
- **1188 Series**: 1188H: Permanent Mount; 1188HM: Magnetic Mount
  - 4-3/4"H x 4-7/8"Dia., 2 lbs.

Specifications:
- 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, Magnetic Mount

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

Models:
- **1166 Series**: 1166IM: Incandescent; 1166HM: Halogen
  - 4-7/8"H x 5-5/16"W x 6-3/4"D, 2.5 lbs.

Specifications:
- Voltage: 12V DC
- Amp Draw:
  - Incandescent: 2.7 Amps (35 watts)
  - Halogen: 4.0 Amps (50 watts)
- Flash Rate: 160fpm (+/- 10°)
- Lens Color: Amber, Blue, Clear, Green, Red
- Mounting: Magnetic Mount

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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, 60 lb. pull magnet, and a cig plug with lighted On/Off switch.

Models:
- **1169 Series**: 1169H: Permanent Mount; 1169HM: Magnetic Mount
  - 3-19/32"H x 7-15/64"Dia., 2 lbs.

Specifications:
- Voltage: 12V DC
- Amp Draw:
  - 4.0 Amps (50 watts)
- Flash Rate: 80fpm (+/- 10°)
- Lens Color: Amber, Blue, Clear, Green, Red
- Mounting: Permanent Mount, Magnetic Mount

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### Dash Mounting Brackets

- **274-874 Suction Cup Bracket**
  - Size: 4"W x 11"D (adjustable plate)
  - Weight: 4 lbs.

- **274-875 Universal Dash Bracket**
  - Size: 4-1/2"H x 11-3/8"W x 5-3/4"D
  - Weight: 4 lbs.

- **274-878 Hotshot II Dash Bracket**
  - Size: 4-3/4"H x 10-3/8"W x 5"D
  - Weight: 4 lbs.
**20ZI/21ZI SERIES - VERY LOW PROFILE**

The 20ZI and 21ZI Series are our most popular flashing incandescent lights. On the 20ZI, the polycarbonate lens is clamped to the rugged die-cast aluminum base with a fully gasketed aluminum retaining ring to enhance water resistance. The 21ZI Series offers a quick-snap lens and a high impact resistant polycarbonate plastic base assembly for easy field repairs. The polycarbonate lens is sealed to the base with a water resistant enhanced O-ring. Available in steady burn. Ships complete with mounting hardware and instructions.

**Models:**

**20ZI Series:**
- 20ZI: Permanent Mount; 20ZIM: Magnetic Mount
- 3-3/4”H x 4-1/8” Dia., 2 lbs.

**21ZI Series:**
- 21ZI: Permanent Mount; 21ZIM: Magnetic Mount
- 3-3/4”H x 4-1/8” Dia., 2 lbs.

**Specifications:**

- **Voltage:** 12V DC (available 24V, 36V, 48V DC, or 110V-120V AC)
- **Amp Draw:** 1 Amp @ 12V, 24V, 36V, 48V DC
- **Output:** 15cp - 50cp
- **Lens color:** Amber, Blue, Clear, Green, Red, Magenta
- **Mounting:**
  - Permanent Mount
  - 1/2” Pipe Mount
  - Magnetic Mount

---

**PARTS**

| Lens (20ZI Series) | 330 |
| Lens (21ZI Series) | 330_1 |
| 12V | 2073-94 |
| 24V | 2073-1638 |
| 36V | 2073-1638 |
| 110/120V AC | 2073-15T7DC |
| Circuit | 181-FI-12 |
| Cord/Plug* | 176-SW |
| Clamp Ring | 365-Z |

(*Standard on 20ZIM/21ZIM Series only).

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**20FI SERIES - MEDIUM PROFILE**

The 20FI Series is a medium profile flashing incandescent light. The polycarbonate lens is clamped to the rugged die-cast aluminum base with a fully gasketed aluminum retaining ring to enhance water resistance. An economical choice for many applications, also available in steady burn. Ships complete with mounting hardware and instructions.

**Models:**

**20FI Series:**
- 20FI: Permanent Mount
- 20FI-1: Permanent Mount w/Clear Outer Dome
- 6-1/16”H x 6-1/16” Dia., 3 lbs.

**Specifications:**

- **Voltage:** 12V DC (available 24V, 36V, 48V DC, or 110V-120V AC)
- **Amp Draw:** 1 Amp @ 12V, 24V, 36V, 48V DC
- **Output:** 15cp - 50cp
- **Lens color:** Amber, Blue, Clear, Green, Red, Magenta
- **Mounting:**
  - Permanent Mount
  - 1/2” Pipe Mount

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**PARTS**

| Outer Dome | 325-L |
| Lens | 333 |
| 12V | 2073-94 |
| 24V | 2073-1638 |
| 36V | 2073-1638 |
| 110/120V AC | 2073-40T8DC |
| Circuit | 181-FI-12 |
| Clamp Ring | 4123 |
| Base | 4100 |
The 747 Series barricade lights offer the thickest case in the industry giving them a damage resistant reputation. They will provide years of service even through severe climate conditions and abuse. The circuit is completely encapsulated for increased shock and weather resistance. Operates with standard 6V spring-terminal batteries (not included). Ships complete with 3-1/4” bolt, nut, and protective cup for mounting (3-3/4”, 4” or 5” bolts available).

Models:
747LED: With LED and Photocell
12-1/8"H x 7-1/8"W x 3-7/16"D, 2 lb.

Specifications:
Voltage: Flashing: 6V or 12V DC
Steady Burn: 6V DC
Amp Draw: .07 - .13 Amps
Output: .19 - .8cp
Lens Color: Amber (standard), Blue, Clear, Green, Red
Case Color: Orange (standard), Blue, White, Green, Red, Black, Yellow
Mounting: Portable
Approvals: Meets all ITE Specifications for:
Type A 12V Flashing Warning Lights
Type C 6V Steady Burn Lights

The 735F Series is an economical, portable flashing incandescent light. It is constructed with a high impact, safety orange, plastic base. A 360 degree polycarbonate plastic lens allows for visibility in all directions. Economical battery operation (approx. 1500 hours). Operates with standard 6V spring-terminal batteries (not included). These lights are not Coast Guard approved.

Models:
735-F: 6V flashing
735P-F: 6V flashing with photocell
735-SB: 6V steady burn
735P-SB: 6V steady burn with photocell
735FI: 12V flashing
735FI-PC: 12V flashing with photocell
11-3/4"H x 7-1/4"W x 3-1/2"D, 3 lb.

Specifications:
Voltage:
Flashing: 6V or 12V DC
Steady Burn: 6V DC
Amp Draw:
0.07 Amps @ 6V steady
0.09 Amps @ 6V flashing
0.13 Amps @ 12V
Output:
.19 - .8cp
Lens color:
Amber, Blue, Clear, Green, Red, Magenta
Mounting:
Portable
Magnetic Mount Available
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 four different, weather resistant bezel options in either Black or Chrome finishes. Reverse polarity protected and current limiting protection over the entire operating voltage is standard. 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.

Models:

DLXT Series Standard Warning LED Light
21 Customer selectable flash patterns; including Steady-On Colors: See Below

DLHT Series Hazard Turn Light
Synchronized flashing warning lights (flashes with turn signal input)
Colors: See Below
20 Customer selectable flash patterns

DLTT Series Auxiliary Stop/Tail/Turn LED Light
Dim day time running tail lights (turn bright with brake signal & flash with turn signal)
Colors: Red/Red, White/White, Green/Green, Blue/Blue, Amber/Amber

DLNT Series 16 LED Steady Burn Value Head
Down lighting
Colors: Red/Red, White/White, Green/Green, Blue/Blue, Amber/Amber

Specifications:

Dimension:
- Single Bezel: 2-1/4” H x 5-3/4” W x 1/2” D
- Dual 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

Voltage:
- 10V - 16V DC or 24V DC

Amp Draw:
- 0.3 Amps @ 12V DC
- 0.2 Amps @ 24V DC

Colors:
- DLXT & DLHT Series: Amber/Amber, Blue/Blue, Green/Green, Red/Red, White/White, Amber/Blue, Amber/Red, Amber/White, Red/Blue, Blue/White, Red/White

Optional Mount Brackets

Specific model numbers vary between series and color combinations. Call for details when ordering.
VersaStar™ DLX4 Series & DLX6 Series are versatile LED Warning Lights that are built with fully encapsulated circuitry and can be mounted just about anywhere, interior or exterior! DLX4s & DLX6s are the same size which allows for easy relocation or reconfiguration. The DLX4s are designed for flush or bracket mounting while the DLX6s are designed for bracket mounting only. The DLX6 also incorporates a heavy duty heat sink. Both series include the same snap on bezel or are available with flashback hoods that include either a cig plug adapter or with a 12’ wire harness. These high intensity LED lights are reverse polarity protected and current limiting protection over the entire operating voltage is standard. S-LINK SYSTEM™ is also standard offering synchronizing capability with other STAR LED units along with 21 customer selectable flash patterns that give these LED lights versatility in the field. Optional mounting brackets are available. Ships complete with permanent mounting hardware, gaskets, and instructions.

Models:

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<tr>
<th>Model</th>
<th>Description</th>
</tr>
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<tr>
<td>DLX4:</td>
<td>4 array LED head with Black Bezel</td>
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<tr>
<td>DLX4C:</td>
<td>4 array LED head with Chrome Bezel</td>
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<tr>
<td>DLX4W:</td>
<td>4 array LED head with Clear Bezel</td>
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<tr>
<td>DLX4-HK:</td>
<td>4 array LED head with Flashback Hood, cig plug adapter</td>
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<tr>
<td>DLX4-HK-1:</td>
<td>Dual 4 array LED heads with Flashback Hood, 12’ wire harness</td>
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<td>DLX4-HK2:</td>
<td>Dual 4 array LED heads with Flashback Hood, cig plug adapter</td>
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<tr>
<td>DLX4-HK2-1:</td>
<td>Dual 4 array LED heads with Flashback Hood, 12’ wire harness</td>
</tr>
<tr>
<td>DLX6:</td>
<td>6 array LED head with Black Bezel</td>
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<tr>
<td>DLX6C:</td>
<td>6 array LED head with Chrome Bezel</td>
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<td>DLX6W:</td>
<td>6 array LED head with Clear Bezel</td>
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<tr>
<td>DLX6-HK:</td>
<td>6 array LED head with Flashback Hood, cig plug adapter</td>
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<tr>
<td>DLX6-HK-1:</td>
<td>Dual 6 array LED heads with Flashback Hood, 12’ wire harness</td>
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<tr>
<td>DLX6-HK2:</td>
<td>Dual 6 array LED heads with Flashback Hood, cig plug adapter</td>
</tr>
<tr>
<td>DLX6-HK2-1:</td>
<td>Dual 6 array LED heads with Flashback Hood, 12’ wire harness</td>
</tr>
</tbody>
</table>

Specifications:

- **Dimensions:** 1” H x 3-5/8” W x 3/4” D (single units)
- **Voltage:** 10V - 30V DC
- **Amp Draw:**
  - DLX4: 0.7 Amps @ 12V DC, 0.3 @ 24V DC
  - DLX6: 0.9 Amps @ 12V DC, 0.5 @ 24V DC
- **Color Combinations:** Amber/Amber, Blue/Blue, Green/Green, Red/Red, White/White, Amber/Blue, Amber/Red, Amber/White, Red/Blue, Red/White, Blue/White
- **Approvals:**
  - DLX4: Class I, California Title 13 (Amber, Blue, Red, White)
  - DLX6: Class I, California Title 13 (Amber, Blue, Red, White, Red/Blue)

Optional Mounting Brackets:

- 274-DLX4-6-T: Bracket for Trunk Mounting
- 274-DLX4-6-45: Bracket for 45° Angle Mounting
- 274-DLX4-6-U: L-Bracket for Universal Mounting
- 274-DLX4-6-W: Bracket for License Plate Mounting
- 274-DLX4-6-2X1: L-Bracket for Mounting Two DLX4 or DLX6 LED Lights Horizontally
- 274-DLX4-6-1X2: L-Bracket for Mounting Two DLX4 or DLX6 LED Lights Vertically
- 274-DLX4-6-H: Optional Headliner Bracket for DLX4-HK, DLX4-HK2, DLX6-HK, and DLX6-HK2 Series with a Flashback Hood
The patented STARBURST™ DLX3 series LED auxiliary light is a small and powerful weather resistant package perfect for mounting on motorcycle saddlebags, in trunks, on vehicle fenders, mirrors, or any place a small intense LED light is needed. Using STAR generation-3 LEDs it has current limit protection over the entire operating voltage range and reverse polarity protection gives you worry free operation. S-LINK SYSTEM™ is standard offering synchronizing capability with other STAR LED units. High/Low power select and 11 different customer selectable flash patterns are available, including a Steady On, for many customized possibilities. Ships complete with 3’ attached wire harness, gasket, hardware, and instructions.

**Specifications:**
- **Size:** 1-7/16”H x 4”W x 1-7/8”D
- **Weight:** Less than 1 lbs.
- **Voltage:** 10V - 16V DC
- **Amp Draw**: 0.4 Amps
- **Colors:** Amber, Blue, Red, White, Green
- **Approvals:** SAE J595, J1318 Class I, California Title 13 (Red, Blue)

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

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The M-Tech® series LED lights are the latest to incorporate highly efficient optics. Designed for interior dash, deck, or window mounting. The DL35 series LED lights offer an extremely wide light distribution. Choose from single or double LED head units. They offer customer selectable flash patterns, reverse polarity protection, and auto-voltage adjustment (10V - 16V DC). S-LINK SYSTEM™ is standard offering synchronizing capability with other STAR LED units. The circuitry is encased in a durable polycarbonate plastic housing that includes a flashback reduction hood. 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 mounting hardware and instructions.

**Models:**
- **DL35-6:** Cigarette plug adapter w/lighted on/off switch, 35 Customer selectable flash patterns, flash pattern select button, dual color availability.
- **DL15-6-1:** 12’ – Four conductor wire harness, synchronizing capabilities, 4 Flash phases, 22 Customer selectable flash patterns, flash pattern select button, dual color availability.
- **DL15-12:** Cigarette plug adapter w/lighted on/off switch, 35 Customer selectable flash patterns (two patterns keep RED side on steady to meet certain state requirements), flash pattern select button, single color for each head.
- **DL15-12-1:** 12’ – Four conductor wire harness, synchronizing capabilities, 4 Flash phases, 22 Customer selectable flash patterns (two patterns keep RED side on steady to meet certain state requirements), flash pattern select button, single color for each head.

**Specifications:**
- **Size:**
  - DL35-6 Series: 2’H x 6”W x 5”D
  - DL35-12 Series: 2’H x 12”W x 5”D
- **Weight:** Less than 2 lbs.
- **Voltage:** 10V - 16V DC
- **Amp Draw:**
  - DL35-6 Series: 0.4 Amps (max)
  - DL35-12 Series: 0.8 Amps (max)
- **Colors:** Amber, Blue, Green, Red, White
- **Approvals:**
  - DL35-6: SAE Class I Red or Blue
  - DL35-12: SAE Class I Red/Blue, Red or Blue
The STARBURST™ series LED lights are compact, durable, and powerful. Designed for dash, deck, window, mirror, or grille mounting. The DL15 series LED lights are high intensity, STAR generation-3 LED lights, offered in 6" or 11" widths and are rotationally adjustable. Customer selectable flash patterns, reverse polarity protection, and auto-voltage adjustment (10V - 16V DC). S-LINK SYSTEM™ is standard offering synchronizing capability with other STAR LED units. 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 suction cups, 3 different sets of mounting legs, and instructions.

Models:

DL15-6: Interior mount only, 6 LED array unit, cig plug with lighted on/off switch, pattern select switch, 30 different customer selectable flash patterns.

DL15-6W: Interior/Exterior mount, 6 LED array unit, weatherproof 12’ three conductor cable, 30 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.

DL15-6MMB: Interior mount only kit, mirror mount bracket, 6 LED array unit, cig plug with lighted on/off switch, pattern select switch, 30 different customer selectable flash patterns.

DL15-6GMB: Interior/Exterior mount, grille mount bracket, 6 LED array unit, weatherproof connector, 12’ three conductor cable, 30 different customer selectable flash patterns.

DL15-12: Interior mount only, 12 LED array unit, cig plug with lighted on/off switch, pattern select switch, 35 different customer selectable flash patterns.

DL15-12W: Interior/Exterior mount, 12 LED array unit, weatherproof 12’ three conductor cable, 35 different customer selectable flash patterns.

Specifications:

Size: 
- 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: 10V - 16V DC

Amp Draw*: 
- DL15-6: 0.8 Amps
- DL15-12: 1.6 Amps

Colors: Amber, Blue, Red, White, Green

Mounting Options*: 
- Suction cups
- Universal mounting channel
- 5” permanent mount legs (over third brake light)
- 2-7/8” permanent mount legs
- 1-3/4” permanent mount legs
- Grille Mount
- Mirror Mount

*“Suction cups and all mounting legs are included (DL15-BKT)

Approvals: 
- SAE J595, SAE J1318 Class I, and California Title 13 for RED and BLUE
- (*Does not apply to all flash patterns)
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 with the push of a button. The ULB9 is also available with a 15’’ hardwire lead version that will synchronize with other ULB9’s (Model# ULB9-1). S-LINK SYSTEM™ is standard offering synchronizing capability with other STAR LED units. A two head kit is also available (RLKULB9-1) that offers 6 customer selectable flash patterns. The ULB9 ships complete with cig plug with lighted On/Off switch, 3 versatile mount options (suction cup mount, rear view mirror mount, and dash or deck mount), hardware, and instructions.

Models:
- ULB9: Cig plug with lighted on/off switch
- ULB9-1: 15’ wire leads
- RLKULB9-1: ULB9-1 Kit consisting of two ULB9-1’s 5’ wire leads

Specifications:
- Size: 15/16”H x 9”W x 1-3/8”D
- Weight: Less than 1 lb.
- Voltage: 12V DC
- Amp Draw*: 1.4 Amps Max
- Color Combinations: Amber, Blue, Green, Red, White

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

New STARVISOR II™ - VL22 SERIES - LED VISOR 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. It automatically switches on when visor is pulled down and automatically switches off when visor is lifted up (Auto-Tilt™ feature can be disabled). High impact resistant polycarbonate plastic housing, vibration resistant LED technology, and micro-controlled solid state flasher allows for long life. Power indication LED allows you to see ready status. Auto-voltage adjust compensates for varying vehicle voltage (10V - 16V DC). Designed to be visor mount only. Ships complete with cig plug, hook and loop fasteners, and instructions.

Specifications:
- Size: 4”H x 11-1/2”W x 7/8”D
- Weight: Less than 1 lb.
- Voltage: 10V - 16V DC
- Amp Draw*: 1.5 Amps
- Colors Available: 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.
**LDHEF Series - Round & Oval**

These self-contained, flashing LED heads with built-in flashers are ready for quick installation in any situation. The 4” round LED head is available with a rubber grommet, rubber housing with brackets for trunk mounting, or with an anti-theft, bright stainless steel ring for easy snap-in installation. All LDHEF series LED heads offer customer selectable flash sequences of Random or Alternating in a completely encapsulated solid state circuit to protect against moisture and contaminants, and are synchronizable. The LED circuitry is encased in a high impact resistant, polycarbonate housing for protection against shock and vibration. Rated for up to 100,000 hours of use with an extremely low amp draw and protected against voltage spikes. These units are ideal for all types of emergency vehicles. They are shipped complete with pigtail and instructions.

**Specifications:**
- **Size:**
  - LDHEF-4 Series: 4”Dia. x 2”D
  - LDHEF-6 Series: 2-1/2”H x 6-1/2”W x 2”D
- **Weight:** 0.5 lbs.
- **Voltage:** 12V - 24V DC
- **Amp Draw:** Less than 0.8 Amps
- **Flash Rate:** 72 Quint (5) flashes per minute
- **Operating Temp.:** -22°F to + 149°F
- **Colors:** Amber, Red, Clear, Blue
- **Approvals:** SAE J1318
  - Class 1: Amber, Red, Blue
- **Non-Flashing LED Heads are available:**
  - 4” Round: Part# LDH394
  - 6” Oval: Part# LDH392
  - Anti-theft, bright stainless steel ring with neoprene gasket:
    - Ring Kit: Part# 30019-99

**LDK Series - Mini-Rectangular**

These rectangular LED kits are designed for dash, deck or grille mounting. 35 customer selectable flash sequences in a completely encapsulated, micro-controlled solid state circuit to protect against moisture and contaminants. The circuitry is encased in the driver unit that is made from a high impact resistant, polycarbonate housing for protection against shock and vibration. The dummy unit is wired separately and gets its signal from the driver unit. Rated for up to 100,000 hours of use with an extremely low amp draw and protected against voltage spikes. Kits are shipped complete with mounting brackets and instructions.

**Specifications:**
- **Size:** 2-3/4”H x 5”W x 2-1/2”D
- **Kit Weight:** 3 lbs.
- **Voltage:** 12V DC
- **Amp Draw*: 0.25 Amps per head
- **Colors:** Amber, Red, Blue, White
- **Kit Includes:**
  - (1) Set of 2 LED heads (one driver unit, one dummy unit) with mounting brackets
  - (1) SP3860-LDF switch panel

*Amp draw will vary depending on the color of the LED heads used and the flash pattern selected.*
**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. 25 customer selectable flash patterns along with customer changeable colored lenses gives these LED lights versatility in the field. Ships complete with mounting hardware, one each colored lens, and instructions.

**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:**
- **Amp Draw:** 0.5 amps per head (max)
- **Voltage:** 12V-24V DC
- **Lens Colors:** Amber, Blue, Green, Red, or Clear
- **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. 20 customer selectable flash patterns along with customer changeable colored lenses give these LED lights versatility in the field. Each kit ships complete with mounting hardware, one each colored lens, and instructions.

**LDK302 Series**
- **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 and attached connectors

**LDK304 Series**
- **LDK304 Four Head LED Kit Includes:**
  2 – Flasher modules
  2 – 4’ Cables with attached connectors
  2 – 8’ Cables with attached connectors
  4 – LED head assemblies with 2’ leads and attached connectors

**LDK312 Series**
- **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 w/ 2’ leads and attached connectors

**LDK314 Series**
- **LDK314 Four Head LED Kit Includes:**
  2 – Flasher modules
  2 – 4’ Cables with attached connectors
  2 – 8’ Cables with attached connectors
  4 – LED Spherical head assemblies w/ 2’ leads and attached connectors

**Specifications:**
- **Optional Code Lengths:** 15’, 20’, 25’, 30’, or 35’
- **Voltage:** 12V - 24V DC
- **Amp Draw:** .05 amps per head (max)
- **Lens Color:** Amber, Blue, Green, Red, or Clear
- **Mounting:** 1” Hole
Our LED and STROBE warning light kits are quality, attention getting power supplies that are built to last. The LED circuitry is encased in a high impact resistant, polycarbonate housing for protection against shock and vibration. Rated for up to 100,000 hours of use with an extremely low amp draw and protected against voltage spikes. Combined kits with strobes will add a versatile, high powered 24 to 70 watts of power right where you need it. Choose from oval or 4” round LED light heads and single or dual 360° strobe heads. All kits include cables with attached ends for strobe heads and a pre-wired switch panel. Custom length cables are available. LED heads offer 35 customer selectable flash patterns.

**LDK369-2 Kit Includes:**
(1) LDF369  LED flasher module  
(2) LDH392  oval LED lightheads  
(1) SP3860-LDF  on/off - pattern select switch panel  
Specify color:  Amber, Red  
Weight:  3 lbs.

**LDK369-4 Kit Includes:**
(1) LDF369  LED flasher module  
(2) LDH394  4” round LED lightheads  
(1) SP3860-LDF  on/off - pattern select switch panel  
Specify color:  Amber, Red, Clear  
Weight:  3 lbs.

**LDSK369-4 Kit Includes:**
(2) LDH392  Oval LED Lightheads  
(1) LDF369  LED Flasher module  
(1) SH3940-9  Dual 360° strobe head w/ two 180° cables  
(1) RP310Q  24 watt 2-head strobe pack  
(1) SP3864-LDF  on/off - Pattern select switch panel  
Weight:  7 lbs

**RSK244-1 Kit Includes:**
(1) SH3940  360° strobe head w/ 180° cable  
(2) SH3920  Oval strobe heads  
(1) RP244  75 Watt, 4-head strobe pack  
(1) SP3860-2H-OP  Lighted rocker switch panel  
(2) 3814-240”  20’ heavy duty cables with attached ends  
Weight:  13 lbs.
RSK300Q Kit Includes:
(2) SH3910 Clear strobe tube assemblies with 3ft attached cables
(1) RP310Q 24 Watt, 2-head strobe pack
Weight: 3 lbs.

RSK310-1 Kit Includes:
(2) SH3920 Oval strobe heads
(1) RP310Q 24 Watt, 2-head strobe pack
(1) SP3860-2H Lighted rocker switch panel
(2) 3814-240” 20’ heavy duty cables with attached connectors
Weight: 3 lbs.

RSK310-2 Kit Includes:
(2) SH3904 Round strobe heads
(1) RP310Q 24 Watt, 2-head strobe pack
(1) SP3860-2H Lighted rocker switch panel
(2) 3814-240” 20’ heavy duty cables with attached connectors
Weight: 3 lbs.

RSK244P-3 Kit Includes:
(4) SH3904 Round strobe heads
(1) RP244 75 Watt, 4-head strobe pack
(1) SP3860-2H-OP Lighted rocker switch panel
(4) 3814-240” 20’ heavy duty cables with attached connectors
Weight: 3 lbs.

RSK244-3920 Kit Includes:
(4) SH3920 Oval strobe heads
(1) RP244 75 Watt, 4-head strobe pack
(1) SP3860-2H-OP Lighted rocker switch panel
(4) 3814-240” 20’ heavy duty cables with attached connectors
Weight: 3 lbs.
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

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**

The OPTIMAX-VSD™ RSK244P remote strobe kit is a complete, powerful, and economical choice for a 4-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 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:**

1. RP244: 75 Watt remote power supply
2. ST415PC: Clear strobe tube assemblies
3. (2) 4415: 15’ Cables with attached connectors
4. (2) 4420: 20’ Cables with attached connectors
5. LT1511: Lighted toggle switch

**OPTIMAX™ RSK242P 40 Watt Kit**

The OPTIMAX™ RSK242P remote strobe kit is an ideal choice where only two PHANTOM™ strobe tubes are needed. You can select flash patterns of Single, Double, Triple, Quad, Five, or Random. Customer selectable Day/Night mode. Ships complete with power & control leads and instructions. Display packaging is available: RSK242P-1

**Standard Kit Includes:**

1. RP242: 40 Watt remote power supply
2. ST415PC: Clear strobe tube assemblies
3. (2) 4415: 15’ Cables with attached connectors
4. LT1511: Lighted toggle switch
The STAR-PAK® RSK310P remote strobe kit is an ideal choice where only two PHANTOM™ strobe tubes are needed. A fully encapsulated circuit board resists elements. Standard Quad Flash. Customer selectable Day/Night mode. Ships complete with power lead and instructions.

**Standard Kit Includes:**
- (1) RP310Q: 24 Watt remote power supply
- (2) ST3901: Clear strobe tube assemblies
- (2) 3820-180*: 15’ Cables with attached connectors
- (1) SP3860-2H: Lighted rocker switch panel

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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. Customer selectable Day/Night mode. Features 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. 4-head and 6-head kits are available. Display packaging is available: 6-head (RSK966P-1), 4-head (RSK966P-4-1) Available police prep harness kit for 2007 Ford Crown Victoria (RFK996-CV).

**Standard Kit Includes:**
- RSK966P:
  - (1) RP966: 60 Watt remote power supply
  - (6) ST415PC: Clear strobe tube assemblies
  - (6) 4415: 15’ Cables with attached connectors
  - (1) LT1511: Lighted toggle switch
- RSK966P-4:
  - (1) RP966: 60 Watt remote power supply
  - (4) ST415PC: Clear strobe tube assemblies
  - (2) 4415: 15’ Cables with attached connectors
  - (2) 4420: 20’ Cables with attached connectors
  - (1) LT1511: Lighted toggle switch

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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. Customer selectable Day/Night mode. Features power reduction to operating heads in case of head failure, RFI protection, cooling fan, and Visual System Diagnostics (VSD™). Ships complete with power & control leads and instructions. 4-head and 6-head kits are available. Display packaging is available: 6-head (RSK996P-1), 4-head (RSK996P-4-1) Available police prep harness kit for 2007 Ford Crown Victoria (RFK996-CV).

**Standard Kit Includes:**
- RSK996P:
  - (1) RP996: 90 Watt remote power supply
  - (6) ST415PC: Clear strobe tube assemblies
  - (6) 4415: 15’ Cables with attached connectors
  - (1) LT1511: Lighted toggle switch
- RSK996P-4:
  - (1) RP996: 90 Watt remote power supply
  - (4) ST415PC: Clear strobe tube assemblies
  - (2) 4415: 15’ Cables with attached connectors
  - (2) 4420: 20’ Cables with attached connectors
  - (1) LT1511: Lighted toggle switch
**REMOTE KITS & HEADS**

**OPTIMAX™ RSK100 40 Watt Kit**

Don’t let the small size of the OPTIMAX™ RSK100 strobe heads fool you. They are optically tuned to produce brilliant flashes. The housing is made of impact resistant plastic to prevent corrosion. The colored GLASS lenses will not melt or peel. You can select flash patterns of Single, Double, Triple, Quad, Five, or Random. Customer selectable Day/Night mode. Ships complete with power & control leads and instructions.

**Standard Kit Includes:**

(1) RP242: 40 Watt remote power supply
(2) SH4500: Mini rectangular strobe heads (see page 32 for color options)
(2) 4415: 15’ Cables with attached connectors
(1) LT1511: Lighted toggle switch

**OPTIMAX™ RSK101 40 Watt Kit**

Our standard size OPTIMAX™ RSK101 grille & deck strobes give you high intensity flashes with a variety of options. The housing is made of impact resistant plastic to prevent corrosion. The colored GLASS lenses will not melt or peel. You can select flash patterns of Single, Double, Triple, Quad, Five, or Random. Customer selectable Day/Night mode. Ships complete with power & control leads and instructions.

**Standard Kit Includes:**

(1) RP242: 40 Watt remote power supply
(2) SH4501: Rectangular strobe heads (see page 32 for color options)
(2) 4415: 15’ Cables with attached connectors
(1) LT1511: Lighted toggle switch

**OPTIMAX™ RSK102 40 Watt Kit**

If you are looking for round Par-36 grille & deck strobes, the OPTIMAX™ RSK102 is the answer. The housing is made of rubber for rough usages, and to prevent corrosion. The bulbs are covered by replaceable polycarbonate filters. You can select flash patterns of Single, Double, Triple, Quad, Five, or Random. Customer selectable Day/Night mode. Ships complete with power & control leads and instructions.

**Standard Kit Includes:**

(1) RP242: 40 Watt remote power supply
(2) SH3930: Par-36 round strobe heads (see page 32 for color options)
(2) 4415: 15’ Cables with attached connectors
(1) LT1511: Lighted toggle switch
**Star-Pak® RP310D & RP310Q 24 Watt**

**Models:**
- RP310D: Double Flash
- RP310Q: Quad Flash

**Specifications:**
- **Size:** 1-3/4”H x 4-3/4”W x 6-3/4”D
- **Weight:** 1 lb.
- **Outlets:** 2
- **Output:** 24 Watts
- **Voltage:** 12V - 24V DC
- **Amp Draw:** 2.5 Amps Max

**Optimax™ RP242 40 Watt**

**Models:**
- RP242: User selectable flash pattern

**Specifications:**
- **Size:** 2”H x 5-1/2”L x 4-1/4”D
- **Weight:** 1.25 lbs.
- **Outlets:** 2
- **Output:** 40 Watts
- **Voltage:** 12V - 24V DC
- **Amp Draw:** 4.2 Amps Max

**Optimax™ VSD RP244 75 Watt**

**Models:**
- RP244: User selectable flash pattern
  - Head selectability

**Specifications:**
- **Size:** 2”H x 5-1/2”L x 4-1/4”D
- **Weight:** 1.25 lbs.
- **Outlets:** 4
- **Output:** 75 Watts
- **Voltage:** 12V - 24V DC
- **Amp Draw:** 7.8 Amps Max

**Star-Pak® RP966 60 Watt & RP996 90 Watt**

**Models:**
- RP966: User selectable flash pattern
  - Head selectability
- RP996: User selectable flash pattern
  - Head selectability

**Specifications:**
- **Size:** 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:** 12V - 24V DC
- **Amp Draw:**
  - RP966: 7.8 Amps Max
  - RP996: 9.4 Amps Max

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Toll Free Fax Line: 1-888-478-2797  www.starheadlight.com
Specifications:

A. SH3904  Round strobe head  
Size: 4"Dia. x 2"D  
Lens color: Amber, Blue, Clear, Red

B. SH3920  Oval strobe head  
Size: 2-1/2"H x 6-1/2"H x 2"D  
Lens color: Amber, Blue, Clear, Red

C. SH3930  Par-36 round strobe head  
Size: 4-3/4"Dia. x 2-1/2"D  
Lens color: Amber, Blue, Clear, Red

D. SH3930E  Par-36 round with extended lens strobe head  
Size: 4-3/4"Dia. x 3-1/2"D  
Lens color: Amber, Blue, Clear, Red

E. SH3940  360° 8" strobe head with standard 180" cable (custom length cable is available)  
Size: 8"H x 5-1/2"Dia.  
Lens color: Amber, Blue, Clear, Red

F. SH4500  Mini-rectangular strobe head, black housing  
Size: 2-3/4"H x 5"L x 2-1/2"D  
Lens color: Amber, Blue, Clear, Red

G. SH4501  Rectangular strobe head, black housing  
Size: 3-1/2"H x 6-1/2"W x 2-1/2"D  
Lens color: Amber, Blue, Clear, Red

H. SH4601  360° 4" strobe head with standard 180" cable (custom length cable is available)  
Size: 4"H x 5-1/2"Dia.  
Lens color: Amber, Blue, Clear, Red

I. SH4602  360° 6" strobe head with standard 180" cable (custom length cable is available)  
Size: 6"H x 5-1/2"D  
Lens color: Amber, Blue, Clear, Red

J. SH3970  Round, surface mount strobe head  
Size: 7"Dia. x 2"D  
Lens color: Amber, Red

K. SH3922  Side mount strobe head  
Size: 2-1/2"H x 6"W x 2-1/2"D  
Lens color: Amber, Red

L. ST415P  Phantom™ strobe tube assembly  
Size: 1"Dia.  
Color: Clear  
Order ST413 for Amber, Blue or Red
When you have limited mounting space but don’t want to sacrifice visibility, these mini halogen heads are the perfect solution. The housing is made of impact resistant plastic to eliminate corrosion. The colored GLASS lenses will not melt or peel. The switch box has a lighted rocker switch.

**Specifications:**
- **Size:** Heads: 2-3/4"H x 5"W x 2-1/2"D  
  Switch Box: (FM696) 2"H x 3"W x 3"D
- **Weight:** 1.5 lbs.
- **Amp Draw:** 4.6 Amps
- **Output:** 55 Watts per head

**Standard Kit Includes:**
- (2) HH2501: Mini rectangular halogen heads (see page 32 for color options)
- (1) FM696: Alternating flasher box with lighted rocker switch

These lights are designed for grill or deck mounting. The halogen heads flash alternately. The housing is made of impact resistant plastic to ensure that they will not corrode. The colored GLASS lenses will not melt or peel. The switch box has a lighted rocker switch.

**Specifications:**
- **Size:** Heads: 3-1/2"H x 6-1/2"W x 2-1/2"D  
  Switch Box: (FM696) 2"H x 3"W x 3"D
- **Weight:** 2 lbs.
- **Amp Draw:** 4.6 Amps
- **Output:** 55 Watts per head

**Standard Kit Includes:**
- (2) HH2502: Rectangular halogen heads (see page 32 for color options)
- (1) FM696: Alternating flasher box with lighted rocker switch

This set of lights includes two sealed beam Par-36 bulbs set in a shock absorbing, weatherproof housing. The bulb is covered by a replaceable polycarbonate lens. The RHK940 has the flasher built in to one of the heads and does not come with a switch box. The RHK960 includes a switch box with a lighted rocker switch.

**Specifications:**
- **Size:** Heads: 4-3/4"Dia. x 2-1/2"D  
  Switch Box: (FM696) 2"H x 3"W x 3"D
- **Weight:** 3 lbs.
- **Amp Draw:** 2.6 Amps
- **Output:** 30 Watts per head

**Standard Kit Includes:**
- (2) HH3930: Par-36 round halogen heads (see page 32 for color options)
- (1) FM696: Alternating flasher box with lighted rocker switch (RHK960 only)
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 switching offers four modes with distinctive flash options. Polycarbonate face shields allow for easy cleaning. Ships complete with control unit, attached wire harness (15’ standard), mounting brackets, hardware, and instructions.

Specifications:

**Size:**
- TD77-2 Control Unit: 1-1/2”H x 6”W x 4-1/2”D
- TD92-1 LED Stik: 1-1/2”H x 47-1/2”W x 1-1/2”D
- TD93-1 LED Stik: 2-7/32”H x 47-1/2”W x 1-1/2”D

**Weight:**
- TD92, TD93, TD93DLXT: 10 lbs.

**Voltage:**
- 12V DC (Available 24V DC; TD93DLXT Only)

**Amp Draw:**
- TD92, TD93: 2.1 Amps (max)
- TD93DLXT: 2.7 Amps (max)

**Cable Length:**
- 15’, 30’, 45’, or 60’

**Modes:**
- Left Arrow, Right Arrow, Center Out, and Warn (Alternating)
**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).

(***Once a pattern is selected in one of the arrow modes, that “pattern” is automatically changed for the other two modes. Ex. Choose “traveling arrow” while in left arrow mode, automatically, right arrow mode and center-out mode will also be set to “traveling arrow” pattern.***)

**Specifications:**

<table>
<thead>
<tr>
<th>Size: TD77-2 Control Unit</th>
<th>1-1/2”H x 6”W x 4-1/2”D</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDDL15-47-1 LED Stik:</td>
<td>1-9/16”H x 47”W x 1-5/16”D</td>
</tr>
<tr>
<td>TDDL15-42-1 LED Stik:</td>
<td>1-9/16”H x 42”W x 1-5/16”D</td>
</tr>
<tr>
<td>Weight:</td>
<td>8 lbs.</td>
</tr>
<tr>
<td>Voltage:</td>
<td>10V-16V DC</td>
</tr>
<tr>
<td>Amp Draw:</td>
<td>3.0 Amps max</td>
</tr>
<tr>
<td>Cable Length:</td>
<td>15’, 30’, 45’, or 60’</td>
</tr>
<tr>
<td>Modes:</td>
<td>Left Arrow, Right Arrow, Center Out, and Warn (Alternating)</td>
</tr>
</tbody>
</table>

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**Parts List**

<table>
<thead>
<tr>
<th>Part#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD77-2</td>
<td>Control Unit</td>
</tr>
<tr>
<td>274-LBLK</td>
<td>TDDL15-47 bracket mount kit</td>
</tr>
<tr>
<td>TD92-7KTA</td>
<td>TDDL15-42TA bracket mount kit</td>
</tr>
<tr>
<td>DL15-BKTCV</td>
<td>TDDL15-47CV bracket mount kit</td>
</tr>
</tbody>
</table>

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**STARBURST™ DL15-30W SERIES - WARNING/TRAFFIC DIRECTORS**

These LED Traffic Directors are designed to give you mobile, on-site traffic-directing capabilities with 24 High Intensity STAR Generation-3 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 switching offers four modes with distinctive flash options. Easily mounts with 1/4” groove on back. Polycarbonate face shields allow for easy cleaning. Ships complete with control unit, attached 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 15’ wire harness).

**Specifications:**

| Size: DL15-30W-ARB             | 1-9/16”H x 28”W x 1-5/16”D |
| Weight:                        | 3 lbs.                    |
| Voltage:                       | 10V - 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 |
|                               | 5” permanent mount legs   |
|                               | 2-7/8” permanent mount legs |
|                               | 1-3/4” permanent mount legs |
| Approvals:                     | SAE J595, SAE J1318, and California |
|                               | Title 13 for RED and BLUE |
|                               | (Does not apply to all flash patterns) |

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**Parts List**

<table>
<thead>
<tr>
<th>Part#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD77-2</td>
<td>Control Unit</td>
</tr>
<tr>
<td>SP1515-TDC</td>
<td>Optional traffic director control panel</td>
</tr>
<tr>
<td>TD77-2</td>
<td>Control Box (with LED feedback)</td>
</tr>
</tbody>
</table>

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**TOLL FREE FAX LINE: 1-888-478-2797  WWW.STARHEADLIGHT.COM**
**TRAFFIC DIRECTORS**

**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-1 LEDs while the ULB44-TD offers 30 high intensity Star Generation-4 LEDs. The microprocessor control unit with tactile switching gives you four distinctive pattern modes with three NEW “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.

**Models & Specifications:**

<table>
<thead>
<tr>
<th>PARTS</th>
<th>PART#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Unit</td>
<td>ULB42-TD-2</td>
</tr>
<tr>
<td>Mounting Bracket Kit</td>
<td>ULB-BKT</td>
</tr>
<tr>
<td>Bulk Cable (per foot)</td>
<td>TD92-3</td>
</tr>
</tbody>
</table>

**Size:**
- 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:** 12V DC

**Cable Length:** 15’, 30’, 45’, or 60’

**Modes:** Left Arrow, Right Arrow, Center Out, and Warn (Alternating)

**Color Combinations for outboard LED flasher sections:**
- Amber/Ash, Blue/Blue, Red/Red, Red/Blue

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**TCS SERIES - TRAFFIC SAFETY SIGNS**

**STOP/SLOW**

The TCS series traffic control signs put traffic safety control right at your fingertips. Micro-processor controlled, the ultra bright flashing LED 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).

**Models & Specifications:**

| TCS-2: Stop/Stop Traffic Control Sign (104 LEDs) |
| TCS-2REF: Stop/Stop Traffic Control Sign w/M.U.T.C.D. approved reflective tape (104LEDs) |
| TCS-1: Slow/Stop Traffic Control Sign (113 LEDs) |
| TCS-1REF: Slow/Stop Traffic Control Sign w/M.U.T.C.D. approved reflective tape (113LEDs) |

**Size:** 18” Octagon with 6” Letters.

**Weight:** 2 lbs.

**Also Available:**
- TCS-6: 6’ Extension Pole (not shown).

**Approvals:** TCS-1REF, TCS-2REF M.U.T.C.D. Code (Manual on Uniform Traffic Control Devices)
The patented STAR Phantom® interior mount LED lightbar is perfect for undercover or unmarked vehicle applications. With an extremely thin profile, less than 1” high, the ULB42 series easily mounts under the center visor clips above the rear view mirror in 15-20 minutes. The ULB42 offers 270 Star Generation-1 LEDs while the ULB42-DLP offers 216 Star Generation LEDs & 6 high intensity Star Generation-4 LEDs. 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. The ULB42-DLP also offers a Directional LED Pursuit mode. Two angled LED sections offer 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 ULB42 series ships complete with cig plug with lighted on/off switch, mounting brackets, hardware, and instructions.

**Specifications:**

- **Size:** 15/16”H x 42”W x 4-3/4”D
- **Weight:** 2.6 lbs.
- **Voltage:** 12V DC
- **Amp Draw*:**
  - ULB42: 2.36 Amps (Average), 5.4 Amps (max)
  - ULB42-DLP: 3.0 Amps (Average), 6.0 Amps (max)
- **Color Combo:** 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.

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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. Mounting time for both is less than 15-20 minutes. No drilling required with specific visor brackets. The ULB21 with 216 long-life LEDs or the ULB10 with 108 long-life LEDs will give you the power and flexibility you need. They both offer 35 customer selectable flash patterns with the push of a button, angled LED sections for intersection clearing, and a 30 second Superburst™ all LED steady burn. Adjustable baffles are included to eliminate “flash back” from the window. The ULB21 and ULB10 ship complete with cig plug with lighted on/off switch, mounting brackets, hardware, and instructions.

**Specifications:**

- **Size:**
  - 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:**
  - ULB21: 2.8 lbs.
  - ULB10: 2.5 lbs.
- **Voltage:**
  - 12V DC
- **Amp Draw*:**
  - ULB21: 2.4 Amps (average), 4.7 Amps (max)
  - ULB10: 1.2 Amps (average), 2.4 Amps (max)
- **Color Combo:** 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.
## ULB44 - StarBurst Phantom LED Lightbar

The NEW High-Intensity StarBurst Phantom™ interior mount lightbar is perfect for undercover or unmarked vehicle applications. With an extremely thin profile, less than 1" high, the ULB44 series easily mounts under the center visor clips above the rear view mirror in 15-20 minutes. The ULB44 and ULB44-DLP utilize 30 long-life, STAR Generation-4 LEDs. Both models offer a red “night vision” preserving map light, two angled LED sections for intersection clearing, a switchable baffle to eliminate “flash back” from the window. The StarBurst Phantom™ series lightbars offer 35 customer selectable flash patterns via a push button switch and a 30 second Superburst™ all LED steady burn. The ULB44-DLP also offers a Directional LED Pursuit mode. A rear window mount version is available with a standard 12' wire harness only for the ULB44 (ULB44-1). Ships complete with mounting brackets, hardware, and instructions.

### Specifications:

<table>
<thead>
<tr>
<th>Size</th>
<th>15/16&quot;H x 42&quot;W x 4-3/4&quot;D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>3 lbs.</td>
</tr>
<tr>
<td>Voltage</td>
<td>12V DC</td>
</tr>
<tr>
<td>Amp Draw*</td>
<td>3.1 amps (average), 6.25 amps (max)</td>
</tr>
<tr>
<td>Color Combo</td>
<td>Amber, Blue, Green, Red, White</td>
</tr>
<tr>
<td>Approvals</td>
<td>California Title 13, SAE J595 (available)</td>
</tr>
<tr>
<td>(Does not apply to all flash patterns)</td>
<td></td>
</tr>
</tbody>
</table>

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

## ULB24 - StarBurst Split-Phantom™ & ULB14 StarBurst Split-Phantom™

The NEW High-Intensity StarBurst Split-Phantom™ and StarBurst Half-Phantom™ interior mount LED lightbars are perfect for undercover or unmarked vehicle applications. With an extremely thin profile, less than 1" high, the ULB24 and ULB14 are specifically designed to mount in the front windshield visor area. The ULB24 straddles the overhead console while the ULB14 mounts on the passenger side. Mounting time for both is less than 15-20 minutes. No driller required with specific visor brackets. The ULB24 with 24 long-life, STAR Generation-4 LEDs or the ULB14 with 12 long-life, STAR Generation-4 LEDs will give you the power and flexibility you need. They both offer angled LED sections for intersection clearing, an adjustable baffle to eliminate “flash back” from the window. Both series lightbars offer 35 customer selectable flash patterns via a push button switch and a 30 second Superburst™ all LED steady burn. The ULB24-DLP also offers a Directional LED Pursuit mode. Ships complete with, mounting brackets, hardware, and instructions.

### Specifications:

<table>
<thead>
<tr>
<th>Size</th>
<th>ULB24: 15/16&quot;H x 34&quot; min. – 42&quot;max&quot;W x 6&quot;D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>ULB24: 2.8 lbs.</td>
</tr>
<tr>
<td>Voltage</td>
<td>ULB24: 12V DC</td>
</tr>
<tr>
<td>Amp Draw*</td>
<td>ULB24: 2.5 amps (average), 5.0 amps (max)</td>
</tr>
<tr>
<td>Color Combo</td>
<td>Amber, Blue, Green, Red, White</td>
</tr>
<tr>
<td>Approvals</td>
<td>California Title 13, SAE J595 (available)</td>
</tr>
<tr>
<td>(Does not apply to all flash patterns)</td>
<td></td>
</tr>
</tbody>
</table>

*Amp draw varies depending on color of LED used and the flash pattern selected.
9016LED Series StarBeam™ M-Tech Plus™ LED

The 9016LED Series are low profile Mini-Bars designed with NEW 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. Magnetic mounts include vinyl pads to avoid scratching surfaces.

Models:
- 9016LED: Permanent mount
- 20 Customer selectable flash patterns via external pattern select wire or internal jumper,
- S-LINK SYSTEM™ is standard offering synchronizing capability with other STAR LED units, 24” wire leads
- 9016LEDV: Vacuum Magnetic mount
- 20 Customer selectable flash patterns via internal jumper
- 12’ cigarette plug adapter with lighted on/off switch

Specifications:
- Dimensions: 3-3/4” H x 16” L x 8-3/8” D
- Voltage: 12V - 24V 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, Blue/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
- Approvals: SAE Class I (Amber, Blue, Red) SAE Class II (Clear, Green)
  (Does not apply to all flash patterns)

9200H8L & 9200HL Series Star Halo™ LED

STAR Halo LED™ technology is a patent pending, extremely low current draw, ultra high intensity LED light that exceeds the latest J845 and CA13 standards. The circuitry is designed with 12 customer selectable flash patterns, high/low intensity feature (Manual or Automatic), and Star 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. Magnetic mounts include vinyl pads to avoid scratching surfaces.

Models:
- 9200H8L: SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LEDs Optics
- 9200H8LM: SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LEDs Optics
- 9200H8LV: SAE Class I, California Title 13, Ultra High Intensity STAR Halo™ LEDs Optics
- 9200HL: SAE Class I, High Intensity STAR Halo™ LEDs Optics
- 9200HLM: SAE Class I, High Intensity STAR Halo™ LEDs Optics
- 9200HLV: SAE Class I, High Intensity STAR Halo™ LEDs Optics

Specifications:
- Dimensions: 4-1/2” H x 16-1/8” W x 7-1/4” D (less magnets)
- Voltage: Permanent mount: 12V - 24V DC, Magnetic mount: 12V DC only
- Amp Draw: 1.2 Amps @ 12V DC, 0.6 Amps @ 24V DC
- Dome Colors: Amber, Blue, Clear, Green, Red, Magenta
- Approvals: SAE Class I, California Title 13 (Amber)
  (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 Magnetic mount
- 12 Customer selectable flash patterns, Cigarette plug with On/Off Switch and Pattern Select Switch

Vacuum Magnetic mount
- 12 Customer selectable flash patterns, Cigarette plug with On/Off Switch and Pattern Select Switch
HALOGEN & INCANDESCENT

The 9200H & 9200I Series Star Mini-Bars® offer a compact, all-in-one package, with the reliability and attention getting power you need. Dual rotators are enhanced with a single wall mirror. Durable polycarbonate domes resist UV deterioration and are fully gasketed to protect against the elements. The polycarbonate plastic bases make these Star Mini-Bars® lightweight and will not corrode. Patented shock mounted rotators with two sealed roller bearings provide quiet, smooth, and maintenance free operation, and are available in standard speed (80fpm) or high speed (160fpm). Lock-and-stay bulbs are field replaceable. The 9200H & 9200I series are offered in both permanent and magnetic mount. Super powerful, rubber coated, 8” vacuum magnets are also available. Ships complete with mounting hardware and instructions. Magnetic mount versions ship with attached cig plug and vinyl pads for magnets to avoid scratching.

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, magnetic 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, magnetic mount and Cig plug, two 35 watt incandescent bulbs.
9200HV: Star Mini-Bar® with two rotators, one wall mirror, vacuum magnet mount and Cig plug, two 50 watt halogen bulbs.
9200IV: Star Mini-Bar® with two rotators, one wall mirror, Vacuum magnet mount and Cig plug, two 35 watt incandescent bulbs.

Specifications:

Size: 4-1/2”H x 16-1/8”W x 7-1/4”D
Weight: Less than 5 lbs.
Voltage: Halogen: 12V DC (24V DC available)
Incandescent: 12V DC
Amp Draw: Halogen: 8 Amps @ 12V DC
Incandescent: 5.6 Amps @ 12V DC
Flash Rate: Standard: 80fpm (+/-10) per rotator
High Speed: 160fpm (+/-10) per rotator
Color: Outer Dome & Filters: Amber, Blue, Clear, Green, Red, Magenta
Approvals: Halogen: SAE J845, Class I
(Amber, Blue, Clear, Red)

PARTS – 9200H, 9200I Series
Outer Dome.......................... 920-3
Color Filter for Rotator.. 920-100
Bulb
Halogen.......................... 2073-795
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.......................... 920-10
Magnet *(one)................. 920-16
Mag Mount Kit* (four).... 920-16-4K
Vacuum Magnet (one)....... 920-16V
*Available with magnetic mount models only.
The 9200S Series Star Mini-Bars® offer a compact, all-in-one package with the reliability and attention getting power you need. Dual high intensity strobes are enhanced with twin internal V-mirrors. Durable polycarbonate domes resist UV deterioration and are fully gasketed to protect against the elements. The polycarbonate plastic bases make these Star Mini-Bars® lightweight and will not corrode. The circuit and strobe tube assemblies are fully encapsulated to guard against shock and vibration and are also easily field replaceable. The 9200S series is offered in both permanent and magnetic mount. Super powerful, rubber coated, 8” vacuum magnets are also available. Ships complete with mounting hardware and instructions. Magnetic mount versions ship with attached cig plug with lighted On/Off switch and vinyl pads for magnets to avoid scratching.

Models:

9200S: Double Flash Star Mini-Bar® with two 360° remote strobe heads, one double V-mirror, one 2-head strobe pack.

9200SQ: Quad Flash Star Mini-Bar® with two 360° remote strobe heads, one double V-mirror, one 2-head strobe pack.

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

9200SMQ: Quad Flash Star Mini-Bar® with two 360° remote strobe heads, one double V-mirror, one 2-head strobe pack, magnetic mount and Cig plug with lighted On/Off switch.

9200SV: Double 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.

9200SVQ: 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: Less than 5 lbs.

Voltage: 12V - 24V DC

Amp Draw: 2 Amps @ 12V DC

Joules: Double Flash: 11.25 joules
        Quad Flash: 17.5 joules

Flash Rate: Double Flash: 128 Double Flash sequences per minute @ 24 Watts
           Quad Flash: 84 Quad Flash sequences per minute @ 24 Watts

Color: Outer Dome & Inner Lens: Amber, Blue, Clear, Green, Red, Magenta

Approvals: Double Flash: SAE J1318, Class 2 (Amber)
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 is also available in magnetic mount with cig plug adapter. Ships complete with 15’ lead, mounting hardware and instructions. Magnetic mount versions ship with attached cig plug with lighted On/Off switch and vinyl pads for magnets to avoid scratching.

Models:

9216H: 16” Star Mini-Bar® with two rotators, one wall mirror, two 58 watt halogen bulbs.
9216HM: 16” Star Mini-Bar® with two rotators, one wall mirror, two 58 watt halogen bulbs, magnetic mount with cig plug adapter
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, magnetic mount with cig plug adapter
9224H: 24” Star Mini-Bar® with three rotators, two wall mirrors, three 58 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: 12V - 24V DC

Amp Draw: Halogen: 4.75 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: 120fpm (+/-10) per rotator

Color: Outer Dome & Inner Lens: Amber, Blue, Clear, Red

Approvals: 9216H: SAE J845, Class 1 (Amber, Clear)
INNOVATIVE SCULPTURED DESIGN
The STAR LASER® is the newest generation of low-profile lightbars. 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 (LED or Halogen) 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 allows for synchronization of heads in simultaneous or alternating mode and flash pattern control.

Additional Options & Specifications:
- LED module colors: Amber, Blue, Green, Red, White
- Color filters available for Halogen modules. Amber, Blue, Red
- 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

Front Facing Modular Heads
- M-Tech® LED modular head
- Halogen modular head
- StarBurst™ LED modular head
- Standard LED Array modular head

End Facing Modular Heads
- End facing modular heads contain two corner positions and one alley light position
- Corner positions can be customized to any combination of modular heads
- StarBurst™ LED Alley light
- Traditional 35W Halogen Alley light also available

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

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

SAE Class 1 & California Title 13 approved when properly configured

For your Custom Star Laser® Lightbar Design Configurator, please contact STAR at 800-392-3552

AVAILABLE IN FIVE LENGTHS
- 7200 Series 22 in.
- 7300 Series 34 in.
- 7400 Series 46 in.
- 7500 Series 52 in.
- 7600 Series 58 in.
At only 2-5/8 in. tall
12-1/4 in. wide for maximum visibility

7400 Series 46” Star Laser® Lightbar
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:**

- **#2364LED**  M-Tech Plus™ LED lightbar with 64 LEDs
- **#2300SLD**  Eight M-Tech® LED heads, four 4.5” linear strobe heads, one 4-head strobe pack
- **#2300LED**  Eighteen M-Tech® LED heads

**STAR RAZOR® LIGHTBARS - 46” EMERGENCY PACKAGES**

- **#2464LED**  M-Tech Plus™ LED lightbar with 64 LEDs, two V-mirrors
- **#2400SLD**  Four M-Tech® LED heads, four 7” linear strobe heads, four 4.5” linear strobe heads, two 4-head strobe packs
- **#2408LED**  Ten M-Tech® LED heads

To view all STAR RAZOR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552. SAE Class 1 & California Title 13 approved when properly configured.
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:**

- **#2464LED-TOW** M-Tech Plus™ LED lightbar with 64 LEDs, two rear halogen worklights, two LED stop/tail/turn lights

- **#2410LED** Fourteen M-Tech® LED heads, two alley lights

- **#2411LED** Seventeen M-Tech® LED heads, two alley lights, Amber M-Tech® LED Traffic Director

**STAR RAZOR® LIGHTBARS - 56” EMERGENCY PACKAGES**

- **#2564LED-TOW** M-Tech Plus™ LED lightbar with 64 LEDs, two rear halogen worklights, two LED stop/tail/turn lights

- **#2500SL** Four 7” linear strobe heads, eight 4.5” linear strobe heads, two 4-head strobe packs, two rear work lights

- **#2510SL** Four 7” linear strobe heads, four 4.5” linear strobe heads, two 4-head strobe packs, two rear work lights

To view all STAR RAZOR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured.
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:**

- **#5364LED**: M-Tech Plus™ LED lightbar with 64 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

**STAR SABRE® LIGHTBARS - 46” EMERGENCY PACKAGES**

**5464LED**

**Standard Models:**

- **#5464LED**: M-Tech Plus™ LED lightbar with 64 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.
- **#5401H**: Two halogen rotators, two fast halogen rotators, two medium V-mirrors, two Z-mirrors, lower LED directional arrow assembly
- **#5401S**: Four 360° remote strobe heads, three double V-mirrors, two 2-head strobe packs, lower LED directional arrow assembly

To view all STAR SABRE® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
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:

#5462LED  M-Tech Plus™ LED lightbar with 64 LEDs, Four takedown/pursuit lights, two LED intersection clearing lights, two alley lights, two v-mirrors

#5401LED  14 M-Tech® LED heads, two strobe intersection clearing lights, four front lower takedown/pursuit lights, two alley lights, lower LED directional arrow assembly

#5408LED  8 M-Tech® LED heads, two front lower takedown/pursuit lights, two alley lights, two rear lower LED heads

#5411LED  14 M-Tech® LED heads, two strobe intersection clearing lights, four front lower takedown/pursuit lights, two alley lights, two front & two rear lower LED heads, lower LED directional arrow assembly

#5420LED  20 M-Tech® LED heads, two strobe intersection clearing lights, four front lower takedown/pursuit lights, two alley lights, two front & two rear lower LED heads

#5421LED  20 M-Tech® LED heads, two strobe intersection clearing lights, four front lower takedown/pursuit lights, two alley lights, two front & two rear lower LED heads, lower LED directional arrow assembly

To view all STAR SABRE® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552
SAE Class 1 & California Title 13 approved when properly configured
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:**

- **#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

- **#5511SL**  
  Four 4.5” linear strobe heads, four 7” linear strobe heads, two 4-head strobe packs, two rear directional halogen flood lights, two lower stop/turn/tail lights, lower LED directional arrow assembly

**STAR SABRE® LIGHTBARS - 66” WARNING PACKAGES**

- **#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 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
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

**#8300HSL**  
One halogen rotator, two fast halogen rotators, two large V-mirrors, two small V-mirrors, four 4.5” linear strobe heads, one 4-head strobe pack

**#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 w/colored lenses

**#8401S**  
Four 360° remote strobe heads, three double V-mirrors, two 2-head strobe packs, lower directional arrow assembly w/colored lenses

**#8402HSL**  
One halogen rotator, two fast halogen rotators, two large V-mirrors, two small V-mirrors, four 4.5” linear strobe heads, one 4-head strobe pack

To view all STAR INTERCEPTOR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552.

SAE Class 1 & California Title 13 approved when properly configured.
Standard Models:

**#8510H**  Two halogen rotators, two fast halogen rotators, two lightning mirrors, two rear directional halogen flood lights, two lower stop/turn/tail lights

**#8510S**  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

**#8521H**  Four fast halogen rotators, two halogen rotators, two lightning mirrors, two wall mirrors, two rear directional halogen flood lights, two lower stop/turn/tail lights, lower directional arrow assembly w/colored lenses

To view all STAR INTERCEPTOR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
Standard Models:

#6032LED  M-Tech Plus™ LED lightbar with 32 LEDs, 12” dome section*. Available magnetic mount: 6032LEDM (includes cig plug with On/Off switch and pattern select switch)

#6020H  Two halogen rotators, one wall mirror, one 12” dome section*. Available magnetic mount: 6020HM (includes cig plug with lighted On/Off switch)

#6020S  Two 360° remote strobe heads, one wall mirror/strobe pack, one 12” dome section*. Available magnetic mount: 6020SM (includes cig plug with lighted On/Off switch)

#6021H  Three halogen rotators, one 12” dome section*

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).

To view all AEROSTAR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
AEROSTAR® LIGHTBARS - 40” WARNING PACKAGES

Standard Models:

#6304H  Four halogen rotators, two wall mirrors, two 12” dome sections*

#6308H  Two halogen rotators, two front flashers, two rear flashers, two V-mirrors, two 12” dome sections*

*Polished stainless steel centerpiece standard; black matte centerpiece optional.

*Inserts are only available on 16” dome sections (up to two inserts front and two to the rear).

AEROSTAR® LIGHTBARS - 44” 3 LENS WARNING PACKAGES

Standard Models:

#6414H  Four halogen rotators, two front flashers, two rear flashers, two wall mirrors, two 16” dome sections*

#6444H  Four halogen rotators, two double V-mirrors, two 16” dome sections*

#6444S  Four 360° strobe heads, two 2-head strobe packs, two double V-mirrors, two 16” dome sections*

*Polished stainless steel centerpiece standard; black matte centerpiece optional.

*Inserts are only available on 16” dome sections (up to two inserts front and two to the rear).

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).

To view all AEROSTAR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
**AEROSTAR® LIGHTBARS - 48” WARNING PACKAGES**

*6464LED*

**Standard Models:**

- **#6464LED**
  - M-Tech Plus™ LED lightbar with 64 LEDs.
  - two 16” dome sections*

- **#6420H**
  - Four halogen rotators, two double 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 inserts front and two to the rear)*

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**AEROSTAR® LIGHTBARS - 48” 3 LENS WARNING PACKAGES**

*6423H*

**Standard Models:**

- **#6423H**
  - Four halogen rotators, two front flashers, two rear flashers, two alley lights, three 12” dome sections*

- **#6430H**
  - Five halogen rotators, two V-mirrors, two wall mirrors, three 12” dome sections*

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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).

To view all AEROSTAR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
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:**

**#6500H**
Five halogen rotators, two V-mirrors, two wall mirrors, three 12” dome sections*

**#6550H**
Four halogen rotators, two double V-mirrors, two 16” dome sections*

**#6500HSL**
Three halogen rotators, four 4.5” linear strobe heads, one 4-head strobe pack, two 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 inserts front and two to the rear)

**AEROSTAR® LIGHTBARS - 56” WARNING PACKAGES**

**#6564LED**
M-Tech Plus™ LED lightbar with 64 LEDs, two 16” dome sections*, one 12” dome section*

**#6530H**
Five halogen rotators, two V-mirrors, two double 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 inserts front and two to the rear)

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).

To view all AEROSTAR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
AEROSTAR® LIGHTBARS - 56” 3 LENS TOW PACKAGES

**Standard Models:**

**#6531H** Five halogen rotators, two front flashers, two rear work lights, two V-mirrors, two stop/tail/turn lights, two 16” end dome sections*, one 12” center dome section*

**#6556H** Four halogen rotators, one double medium V-mirror, two front flashers, two stop/tail/turn lights, two 12” dome sections*, one 16” dome section*

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

AEROSTAR® LIGHTBARS - 56” 2 LENS TOW PACKAGES

**Standard Models:**

**#6511H** Four halogen rotators, two rear work lights, two front flashers, two stop/tail/turn lights, three D.O.T. marker lights, two 16” end dome sections*

**#6506H** Two halogen rotators, two V-mirrors, two stop/tail/turn lights, three D.O.T. marker lights, two 16” end dome sections*

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

AEROSTAR® LIGHTBARS - 64” WARNING PACKAGES

**Standard Models:**

**#6603H** Three halogen rotators, four V-mirrors, six wall mirror array, three 16” dome sections*

**#6606H** Six halogen rotators, three double V-mirrors, three 16” dome sections*

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

To view all AEROSTAR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552

SAE Class 1 & California Title 13 approved when properly configured
STARBAR® LIGHTBARS - 36” WARNING PACKAGES

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 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

STARBAR® LIGHTBARS - 48” WARNING PACKAGES

**Standard Models:**

#9400H  Two Starbeam™ halogen rotators, two V-mirrors, two wall mirrors

#9400S  Two 360° remote strobe heads, two V-mirrors, two wall mirrors, one 2-head strobe pack

#9404H  Four Starbeam™ halogen rotators, two full size wall mirrors, two large wall mirrors

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

STARBAR® LIGHTBARS - 58” WARNING PACKAGES

**Standard Models:**

#9500H  Six Starbeam™ halogen rotators, two double V-mirrors, two V-mirrors

#9500S  Six 360° strobes, two double V-mirrors, two V-mirrors
**Standard Models:**

**#9411H**  Two Starbeam™ halogen rotators, two V-mirrors, two wall mirrors, two stop/tail/turn lights, three I.D. marker lights, two rear directional halogen flood lights

**#9411S**  Two 360° remote strobe heads, two V-mirrors, two wall mirrors, two stop/tail/turn lights, three I.D. marker lights, two rear directional halogen flood lights, one 2-head strobe pack

**Standard Models:**

**#9511H**  Two Starbeam™ halogen rotators, two V-mirrors, two wall mirrors, two stop/tail/turn lights, three I.D. marker lights, two rear directional halogen flood lights

**#9512S**  Four 360° remote strobe heads, two double V-mirrors, two stop/tail/turn lights, three I.D. marker lights, two rear directional halogen flood lights, two 2-head strobe packs

**#9512HS**  Two halogen rotators, two 360° remote strobe heads, two double V-mirrors, two stop/tail/turn lights, three I.D. marker lights, two rear directional halogen flood lights, one 2-head strobe pack

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 tow mount direct roof mount kit is available as a substitution to the standard kit (920-39T).

To view all STARBAR® LIGHTBARS or request a custom lightbar design kit, please contact us at 800-392-3552
SAE Class 1 & California Title 13 approved when properly configured
Our new 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 almost completely protects the speaker from the damage often caused by high-pressure spray, dirt, and fine dust!

## STAR ALARM® Back-up Alarms

STAR ALARM® Back-up Alarms are built for long-term reliability. Choose between 66 Series (heavy duty plastic) CRS Technology™ alarms, 60 and 61 series (die-cast) or 62 series (heavy duty plastic) alarms, all with a Beep Rate of approximately 60 per minute. They are a convenient compact size available in a range of decibel options perfect for a wide range of vehicle applications.

### Models & Specifications:

#### 66 Series Back-Up Alarms

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<tr>
<th>Model</th>
<th>Voltage</th>
<th>Beep Rate</th>
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<tbody>
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<td>66-087</td>
<td>12V-36V DC</td>
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<td>66-097</td>
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<td>66-107</td>
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**Starmatic Auto-Adjust**

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<td>12V-24V DC</td>
<td>Auto-adjust 77db-97db</td>
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<td>66-802A</td>
<td>12V-24V DC</td>
<td>Auto-adjust 82db-102db</td>
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<tr>
<td>66-807A</td>
<td>12V DC</td>
<td>Auto-adjust 87db-107db</td>
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#### 66 Series Back-up Alarms with wire lugs only

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<td>66L-087</td>
<td>12V-36V DC</td>
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<td>66L-107</td>
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**Starmatic Auto-Adjust**

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<td>Auto-adjust 77db-97db</td>
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<tr>
<td>66L-802A</td>
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<tr>
<td>66L-807A</td>
<td>12V DC</td>
<td>Auto-adjust 87db-107db</td>
</tr>
</tbody>
</table>

### Specifications:

- **Size:** 4-3/16"H x 3-1/16"W x 2"D
- **Weight:** 2 lbs.
- **Amp Draw:** 0.3 Amps
- **Mounting:** Industry Standard

#### 60 & 62 Series Single-Tone Back-up Alarms

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<tr>
<td>60-107-12</td>
<td>12V DC only</td>
<td>107db</td>
</tr>
<tr>
<td>60-107-24</td>
<td>24V-36V DC</td>
<td>107db</td>
</tr>
<tr>
<td>62-087</td>
<td>12V-36V DC</td>
<td>87db</td>
</tr>
<tr>
<td>62-097</td>
<td>12V-36V DC</td>
<td>97db</td>
</tr>
<tr>
<td>62-102</td>
<td>12V-36V DC</td>
<td>102db</td>
</tr>
<tr>
<td>62-107-12</td>
<td>12V DC only</td>
<td>107db</td>
</tr>
<tr>
<td>62-107-24</td>
<td>24V-36V DC</td>
<td>107db</td>
</tr>
</tbody>
</table>

**Starmatic Auto-Adjust**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Beep Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-707A</td>
<td>12V-24V DC</td>
<td>Auto-adjust 77db-97db</td>
</tr>
<tr>
<td>60-802A</td>
<td>12V-24V DC</td>
<td>Auto-adjust 82db-102db</td>
</tr>
<tr>
<td>60-807A</td>
<td>12V DC</td>
<td>Auto-adjust 87db-107db</td>
</tr>
</tbody>
</table>

#### 60 & 62 Series Dual-Tone Back-up Alarms

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Beep Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-097DT</td>
<td>12V-36V DC</td>
<td>97db</td>
</tr>
<tr>
<td>60-102DT</td>
<td>12V DC</td>
<td>102db</td>
</tr>
<tr>
<td>62-097DT</td>
<td>12V-36V DC</td>
<td>97db</td>
</tr>
<tr>
<td>62-102DT</td>
<td>12V DC</td>
<td>102db</td>
</tr>
</tbody>
</table>

#### 60 & 62 Series Starmatic™ Auto-Adjust Back-up Alarms

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Beep Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-707A</td>
<td>12V-24V DC</td>
<td>Auto-adjust 77db-97db</td>
</tr>
<tr>
<td>60-802A</td>
<td>12V-24V DC</td>
<td>Auto-adjust 82db-102db</td>
</tr>
<tr>
<td>62-802A</td>
<td>12V-24V DC</td>
<td>Auto-adjust 82db-102db</td>
</tr>
<tr>
<td>62-807A</td>
<td>12V DC</td>
<td>Auto-adjust 87db-107db</td>
</tr>
</tbody>
</table>

#### 60 & 62 Series Selectable Decibel Back-up Alarms

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Beep Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-802S</td>
<td>12V-36V DC</td>
<td>Selectable 87db or 102db</td>
</tr>
<tr>
<td>60-907S</td>
<td>12V DC</td>
<td>Selectable 97db or 107db</td>
</tr>
<tr>
<td>62-802S</td>
<td>12V-36V DC</td>
<td>Selectable 87db or 102db</td>
</tr>
<tr>
<td>62-907S</td>
<td>12V DC</td>
<td>Selectable 97db or 107db</td>
</tr>
</tbody>
</table>

### Specifications:

- **Size:** 4-1/2"H x 6"W x 2-3/8"D
- **Weight:** 4 lbs.
- **Amp Draw:** Less than 0.5 Amps
- **Mounting:** 2 holes (3-25/32" centers)

#### 61 Series Single-Tone Back-up Alarms

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Beep Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>61-107-12</td>
<td>12V DC Only</td>
<td>107db</td>
</tr>
<tr>
<td>61-107-24</td>
<td>12V-36V DC</td>
<td>107db</td>
</tr>
</tbody>
</table>

### Specifications:

- **Size:** 4-1/2"H x 6"W x 2-3/8"D
- **Weight:** 4 lbs.
- **Amp Draw:** Less than 0.5 Amps
- **Mounting:** 2 holes (5-1/4" centers)
STAR ALARM® Back-up Alarms are reliable additions to the STAR Alarm series. Choose between 64 series (heavy duty plastic) or 63 series (grommet mount) alarms, all with a Beep Rate of approximately 60 per minute. They are a convenient compact size available in a range of decibel options perfect for a wide range of vehicle applications.

### 64 Series Back-up Alarms with attached wire leads

**Single-Tone**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Decibels</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-087</td>
<td>12V - 36V DC</td>
<td>87db</td>
</tr>
<tr>
<td>64-097</td>
<td>12V - 36V DC</td>
<td>97db</td>
</tr>
<tr>
<td>64-097-12</td>
<td>12V DC only</td>
<td>97db</td>
</tr>
<tr>
<td>64-102</td>
<td>12V - 36V DC</td>
<td>102db</td>
</tr>
<tr>
<td>64-107-12</td>
<td>12V DC only</td>
<td>107db</td>
</tr>
<tr>
<td>64-107-24</td>
<td>24V - 36V DC</td>
<td>107db</td>
</tr>
</tbody>
</table>

**Dual-Tone**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Decibels</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-097DT</td>
<td>12V - 36V DC</td>
<td>97db</td>
</tr>
<tr>
<td>64-102DT</td>
<td>12V - 36V DC</td>
<td>102db</td>
</tr>
</tbody>
</table>

**Starmatic Auto-Adjust**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Beep Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-707A</td>
<td>12V - 24V DC</td>
<td>Auto-adjust 77db - 97db</td>
</tr>
<tr>
<td>64-802A</td>
<td>12V - 24V DC</td>
<td>Auto-adjust 82db - 102db</td>
</tr>
<tr>
<td>64-807A</td>
<td>12V DC</td>
<td>Auto-adjust 87db - 107db</td>
</tr>
</tbody>
</table>

### 64 Series Back-up Alarms with wire lugs only

**Single-Tone**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Decibels</th>
</tr>
</thead>
<tbody>
<tr>
<td>64L-097-12</td>
<td>12V DC only</td>
<td>97db</td>
</tr>
</tbody>
</table>

### 64 Series Back-up Alarms with wire lugs and self-grounding strap

**Single-Tone**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Decibels</th>
</tr>
</thead>
<tbody>
<tr>
<td>64G-087</td>
<td>12V - 36V DC</td>
<td>87db</td>
</tr>
<tr>
<td>64G-097</td>
<td>12V - 36V DC</td>
<td>97db</td>
</tr>
<tr>
<td>64G-097-12</td>
<td>12V DC only</td>
<td>97db</td>
</tr>
<tr>
<td>64G-102</td>
<td>12V - 36V DC</td>
<td>102db</td>
</tr>
<tr>
<td>64G-107-12</td>
<td>12V DC only</td>
<td>107db</td>
</tr>
<tr>
<td>64G-107-24</td>
<td>24V - 36V DC</td>
<td>107db</td>
</tr>
</tbody>
</table>

**Dual-Tone**

<table>
<thead>
<tr>
<th>Model</th>
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<th>Decibels</th>
</tr>
</thead>
<tbody>
<tr>
<td>64G-097DT</td>
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</tr>
<tr>
<td>64G-102DT</td>
<td>12V - 36V DC</td>
<td>102db</td>
</tr>
</tbody>
</table>

**Starmatic Auto-Adjust**

<table>
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<th>Model</th>
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<tbody>
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<td>Auto-adjust 77db - 97db</td>
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<td>Auto-adjust 82db - 102db</td>
</tr>
<tr>
<td>64G-807A</td>
<td>12V DC</td>
<td>Auto-adjust 87db - 107db</td>
</tr>
</tbody>
</table>

### Specifications:

- **Size:** 4-1/16"H x 2-5/8"W x 1-5/8"D
- **Weight:** 2 lbs.
- **Amp Draw:** Less than 0.5 Amps
- **Mounting:** 2 holes (3-25/32” centers)

### Models & Specifications:

#### 63 Series Single-Tone Back-up Alarms

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Decibels</th>
</tr>
</thead>
<tbody>
<tr>
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<td>63-097-12</td>
<td>12V DC only</td>
<td>97db</td>
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<td>63-102</td>
<td>12V - 36V DC</td>
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</tr>
<tr>
<td>63-107-12</td>
<td>12V DC only</td>
<td>107db</td>
</tr>
<tr>
<td>63-107-24</td>
<td>24V - 36V DC</td>
<td>107db</td>
</tr>
</tbody>
</table>

#### 63 Series Dual-Tone Back-up Alarms

<table>
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<tr>
<th>Model</th>
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<th>Decibels</th>
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<tbody>
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<td>63-097DT</td>
<td>12V - 36V DC</td>
<td>97db</td>
</tr>
<tr>
<td>63-102DT</td>
<td>12V DC only</td>
<td>102db</td>
</tr>
</tbody>
</table>

### Specifications:

- **Size:** 4-5/16"Dia. x 1-5/8"D
- **Weight:** 2 lbs.
- **Amp Draw:** 0.3 Amps
- **Mounting:** Requires standard 4-1/2” rubber grommet
SWITCH PANELS & SWITCH BOXES

SB4020 & SB4040 Series

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 nighttime 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.

Models & Specifications:

- **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 switches, (1) 3-mode 40 amp (max) progressive slide switch, 2’ wire harness
- **SB4040-15**: (4) 20 amp switches, (1) 3-mode 40 amp (max) progressive slide switch, 15’ wire harness
- **SB4425T**: (1) On/Off power switch (switches 2-5), (4) 20 amp switches, (5) 20 amp switches, twelve position terminal block

Size:
- 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 (All): 5 lbs.

SB/SP1515 & SB/SP 3015 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.

Models & Specifications:

- **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

Size (All): 2”H x 4-1/2”W x 4”D

Weight (All): 4 lbs.

SP3860 Series - Switch Panels

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

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
- **SP3860-4H**: On/Off - High/Low - On/Off - On/Off - On/Off
- **SP3860-5**: On/Off - On/Off - On/Off - On/Off - On/Off - On/Off
**Models & Specifications:**

A. HH2501
   - Mini-Rectangular halogen head. Grille mount Halogen warning light.
   - Lens color: Amber, Blue, Clear, Red

B. HH2502
   - Rectangular halogen head. Grille mount halogen warning light.
   - Lens color: Amber, Blue, Clear, Red

C. HH3930
   - Par-36 Round sealed beam head. Grille or rear mount halogen warning light with shock-resistant black rubber housing.
   - Lens color: Amber, Blue, Clear, Red

D. HH3970
   - 7" Diameter sealed beam head:
     - For ambulances, fire trucks, rescue vehicles, school buses.
     - Lens color: Amber, Blue, Clear, Red

E. HH3971
   - 7" Rectangular sealed beam head:
     - For ambulances, fire trucks, rescue vehicles
     - Lens color: Amber, Blue, Clear, Red

F. 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.

FM3669:
   - 12V DC Solid state flasher with DRL for up to 100 Watts per side.
   - DRL override, night time cut off.
   - Flash Rate: 1.9 flashes per second per lamp.

G. FM3669C:
   - 12V DC Solid state flasher for up to 100 Watts per side.
   - Customer selectable flash patterns (Alternating or Simultaneous).
   - Night time cut off. Compatible with factory installed DRL control.
   - Flash Rate: Alternating: 1.9 flashes per second per lamp.
   - Simultaneous: 3.6 flashes per second per lamp.

FM6901:
   - 12V DC Solid state flasher. Alternately flashes headlights.
   - Has high beam override and night time cut off.
   - Handles up to 165 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 165 watts per output.
   - Flash Rate: 2.9 flashes per second per lamp.

FM6903:
   - 12V DC Solid state flasher. Simultaneously flashes headlights. Has high beam override and night time cut off.
   - Handles up to 165 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 165 watts per output.
   - Flash Rate: 2.9 flashes per second per lamp.

FM6905:
   - Flash Rate: 1.9, 3.0, or variable 1.9-3.9 flashes per second per lamp.
   (depending on flash pattern selected)

FM6906:
   - Flash Rate: 3.0 flashes per second per lamp.

H. DRL366-1:
   - Heavy-duty daytime running light module with taillight output, park brake override.
## Models & Specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Size</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR7</td>
<td>Vertical mount 2 unit organizer</td>
<td>12.5&quot; H x 4.3&quot; D</td>
<td>2 lbs.</td>
</tr>
<tr>
<td>SR9</td>
<td>Vertical mount 3 unit organizer</td>
<td>13.5&quot; H x 4.3&quot; D</td>
<td>2 lbs.</td>
</tr>
<tr>
<td>SR10</td>
<td>Horizontal mount 3 unit organizer</td>
<td>7&quot; H x 12&quot; D</td>
<td>2.5 lbs.</td>
</tr>
<tr>
<td>SR12</td>
<td>Horizontal mount 4 unit organizer</td>
<td>7&quot; H x 14&quot; D</td>
<td>2.5 lbs.</td>
</tr>
<tr>
<td>274-RCK</td>
<td>Rack for mounting multiple warning lights</td>
<td>Standard 58&quot; length</td>
<td>13 lbs.</td>
</tr>
<tr>
<td>274-SL</td>
<td>Self-Leveling bracket</td>
<td>11&quot; H x 4-1/4&quot; D</td>
<td>9 lbs.</td>
</tr>
<tr>
<td>274-SL1</td>
<td>Self-Leveling bracket for Star Mini-Bars®</td>
<td>11&quot; H x 4-1/4&quot; D</td>
<td>5 lbs.</td>
</tr>
<tr>
<td>274-LMB</td>
<td>L-bracket for mirror blockout</td>
<td>8&quot; H x 8&quot; W x 8&quot; D</td>
<td>2 lbs.</td>
</tr>
<tr>
<td>BKT3920</td>
<td>Steel mount bracket for 6&quot; oval heads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BKT3904</td>
<td>Steel mount bracket for 4&quot; round heads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>274-40C</td>
<td>Black powder coated steel guard for 6&quot; Lens (Strobe &amp; LED Beacons)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>274-40S</td>
<td>Black powder coated steel guard for 4&quot; Lens (Strobe &amp; LED Beacons)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>274-55TC</td>
<td>Black powder coated steel guard for 255TC Series 6&quot; Lens (Strobe &amp; LED Beacons)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>274-55TS</td>
<td>Black powder coated steel guard for 255TS Series 4&quot; Lens (Strobe &amp; LED Beacons)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Mirror Mount Brackets:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Quantity Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>274-MMB</td>
<td>1/2&quot; NPT, 3/4&quot; Post only</td>
<td>1/2&quot; NPT, 3/4&quot; Post only</td>
</tr>
<tr>
<td>274-MMBS</td>
<td>1/2&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Short bracket</td>
<td>1/2&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Short bracket</td>
</tr>
<tr>
<td>274-MMBT</td>
<td>1/2&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Tall bracket</td>
<td>1/2&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Tall bracket</td>
</tr>
<tr>
<td>274-MMB1S</td>
<td>1&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Short bracket</td>
<td>1&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Short bracket</td>
</tr>
<tr>
<td>274-MMB1T</td>
<td>1&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Tall bracket</td>
<td>1&quot; NPT, 1-1/4&quot; or 3/4&quot; Posts, Tall bracket</td>
</tr>
</tbody>
</table>
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 & Specifications:**

- **121BX:** Holds ONE 6” oval head:
  - Size: 3-3/4”H x 9”W x 3-1/2”D
  - Weight: 6 lbs.

- **122BX:** Holds TWO 6” oval heads:
  - Size: 3-3/4”H x 17”W x 3-1/2”D
  - Weight: 9 lbs.

- **123BX:** Holds THREE 6” oval heads:
  - Size: 3-3/4”H x 25-1/4”W x 3-1/2”D
  - Weight: 12 lbs.

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 & Specifications:**

- **131BX:** Holds ONE 6” oval head:
  - Size: 4”H x 9”W x 3-1/4”D
  - Weight: 2 lbs.

- **132BX:** Holds TWO 6” oval heads:
  - Size: 4”H x 16-5/8”W x 3-1/4”D
  - Weight: 5 lbs.

- **133BX:** Holds THREE 6” oval heads:
  - Size: 4”H x 25”W x 3-1/4”D
  - Weight: 8 lbs.

- **141BX:** Holds ONE 4” round head:
  - Size: 6”H x 6-1/4”W x 3-1/2”D
  - Weight: 2 lbs.

- **142BX:** Holds TWO 4” round heads:
  - Size: 6”H x 12-1/2”W x 3-1/2”D
  - Weight: 5 lbs.

- **143BX:** Holds THREE 4” round heads:
  - Size: 6”H x 16-3/4”W x 3-1/2”D
  - Weight: 8 lbs.
Models & Specifications:

63-643: Uni-directional switch for Backup Alarms. Activates alarm in one direction only.


Both 63-642 and 63-643 are rated at 16 amps at 12V DC. To be installed adjacent to linkage of gear shift lever.

296: Dust cover for 6” lens (Strobe and LED Beacons)

296S: Dust cover for 4” lens (Strobe and LED Beacons)

360D Series Personal Safety Strobes

Magnetic mount (60 lbs) or clips to belt loop via nylon strap or pins to clothing.

Output: 1.5 joules
Weight: less than 1lb.
Dimensions: 4-3/4” H x 1-1/2” D

Specifications:

Lens color: (Clear)
Case color: (Blue)

500C: Lantern
Size: 7-1/8”H x 4-3/4”W x 6-3/4”D
Weight: 4 lbs. (with battery)

PARTS

<table>
<thead>
<tr>
<th>Parts</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incandescent Bulb</td>
<td>PR13</td>
</tr>
<tr>
<td>Battery</td>
<td>8100</td>
</tr>
</tbody>
</table>
Models & 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, cig plug, and On/Off switch.
Weight: 3 lbs.
Output: 3000cp

511-1M: Clear sealed beam with magnet mount, cig plug, On/Off switch, and lens shield.
Weight: 3 lbs.
Output: 3000cp
Lens Colors: Amber, Blue, Clear, Red

510-TK: A complete tow kit that includes, two sealed beam lights with red lenses, magnet mount, 30’ cable, and connectors all shipped in an enclosed utility box.
Kit Weight: 8 lbs.
Output: 3000cp (x2)

Map Lights:
ML-3: Lighter plug mount (7” flexible neck)
Size: 12-1/2”H

ML-4: Permanent mount (4” flexible neck)
Size: 7”H

ML-5: Permanent mount (18” flexible neck)
Size: 21”H

ML-6: Permanent mount (10-1/2” flexible neck)
Size: 13”H

Weight: All less than 1lb.
Amps: All 0.5 Amps
<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Typical Amp Draw*</th>
<th>Mounting</th>
<th>Dimensions</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2363LED</td>
<td>12</td>
<td>7.2 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 36” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>2300SLD</td>
<td>12</td>
<td>(max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 36” L</td>
<td>27 lbs.</td>
</tr>
<tr>
<td>2300LED</td>
<td>12</td>
<td>14.4 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 36” L</td>
<td>27 lbs.</td>
</tr>
<tr>
<td>2464LED</td>
<td>12</td>
<td>7.2 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 46” L</td>
<td>31 lbs.</td>
</tr>
<tr>
<td>2400SLD</td>
<td>12</td>
<td>19 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 46” L</td>
<td>36 lbs.</td>
</tr>
<tr>
<td>2408LED</td>
<td>12</td>
<td>8.0 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 46” L</td>
<td>36 lbs.</td>
</tr>
<tr>
<td>2410LED</td>
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<td>17 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 46” L</td>
<td>39 lbs.</td>
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<tr>
<td>2411LED</td>
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<td>19.4 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 46” L</td>
<td>39 lbs.</td>
</tr>
<tr>
<td>2464LED-TOW</td>
<td>12</td>
<td>23 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 46” L</td>
<td>35 lbs.</td>
</tr>
<tr>
<td>2500SL</td>
<td>12</td>
<td>26 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 56” L</td>
<td>45 lbs.</td>
</tr>
<tr>
<td>2510SL</td>
<td>12</td>
<td>22 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 56” L</td>
<td>39 lbs.</td>
</tr>
<tr>
<td>2564LED-TOW</td>
<td>12</td>
<td>24 (max)</td>
<td>hook-on/permanent</td>
<td>2-3/4” H x 15” W x 56” L</td>
<td>33 lbs.</td>
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</table>

Rotors: 520-99; 80rpm (+/-10) standard, 520-99F; 160rpm (+/-10) highspeed

Strobe Pack (2-Head): RP249A-L; 70 Five flash sequences per minute @ 75 watts (700FPM)
Strobe Pack (4-Head): RP249-L; 70 Five flash sequences per minute @ 90 watts (1400FPM)

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Typical Amp Draw*</th>
<th>Mounting</th>
<th>Dimensions</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>5300H</td>
<td>12</td>
<td>16</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 36” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>5300S</td>
<td>12</td>
<td>2</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 36” L</td>
<td>27 lbs.</td>
</tr>
<tr>
<td>5364LED</td>
<td>12</td>
<td>7.2 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 36” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>5400H</td>
<td>12</td>
<td>16</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>5400S</td>
<td>12</td>
<td>4</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>35 lbs.</td>
</tr>
<tr>
<td>5401H</td>
<td>12</td>
<td>18 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>5401S</td>
<td>12</td>
<td>6</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>37 lbs.</td>
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<tr>
<td>5464LED</td>
<td>12</td>
<td>7.2 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>31 lbs.</td>
</tr>
<tr>
<td>5401LED</td>
<td>12</td>
<td>29 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>33 lbs.</td>
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<tr>
<td>5408LED</td>
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<td>16.8 (max)</td>
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<td>30 lbs.</td>
</tr>
<tr>
<td>5462LED</td>
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<td>30 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>33 lbs.</td>
</tr>
<tr>
<td>5411LED</td>
<td>12</td>
<td>31 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>37 lbs.</td>
</tr>
<tr>
<td>5420LED</td>
<td>12</td>
<td>36 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>42 lbs.</td>
</tr>
<tr>
<td>5421LED</td>
<td>12</td>
<td>37 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 46” L</td>
<td>44 lbs.</td>
</tr>
<tr>
<td>5511H</td>
<td>12</td>
<td>26 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 56” L</td>
<td>44 lbs.</td>
</tr>
<tr>
<td>5511S</td>
<td>12</td>
<td>14 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 56” L</td>
<td>47 lbs.</td>
</tr>
<tr>
<td>5511L</td>
<td>12</td>
<td>28 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 56” L</td>
<td>48 lbs.</td>
</tr>
<tr>
<td>5611L</td>
<td>12</td>
<td>30 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 66” L</td>
<td>52 lbs.</td>
</tr>
<tr>
<td>5611S</td>
<td>12</td>
<td>18 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 66” L</td>
<td>55 lbs.</td>
</tr>
<tr>
<td>5611SL</td>
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<td>32 (max)</td>
<td>hook-on/permanent</td>
<td>4” H x 15” W x 66” L</td>
<td>56 lbs.</td>
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</table>

Rotors: 920-99; 80rpm (+/-10) standard, 920-99F; 160rpm (+/-10) highspeed

Strobe Pack (2-Head): RP249A-181-SLD; 84 Quadflash sequences per minute @ 24 watts (672FPM)
Strobe Pack (2-Head): RP249A-L; 70 Five flash sequences per minute @ 75 watts (700FPM)
Strobe Pack (4-Head): RP249-181-SLD; 84 Quadflash sequences per minute @ 24 watts (672FPM)
Strobe Pack (2-Head): RP249; 70 Five flash sequences per minute @ 90 watts (1400FPM)

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Typical Amp Draw*</th>
<th>Mounting</th>
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<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300H</td>
<td>12</td>
<td>16</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 36” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>8300S</td>
<td>12</td>
<td>2</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 36” L</td>
<td>27 lbs.</td>
</tr>
<tr>
<td>8300SL</td>
<td>12</td>
<td>17.2</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 36” L</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>8400H</td>
<td>12</td>
<td>16</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 46” L</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>8400S</td>
<td>12</td>
<td>7</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 46” L</td>
<td>35 lbs.</td>
</tr>
<tr>
<td>8401H</td>
<td>12</td>
<td>24 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 46” L</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>8401S</td>
<td>12</td>
<td>12</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 46” L</td>
<td>37 lbs.</td>
</tr>
<tr>
<td>8402HSL</td>
<td>12</td>
<td>21</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 46” L</td>
<td>40 lbs.</td>
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<tr>
<td>8510H</td>
<td>12</td>
<td>28 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 56” L</td>
<td>42 lbs.</td>
</tr>
<tr>
<td>8510S</td>
<td>12</td>
<td>16 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 56” L</td>
<td>45 lbs.</td>
</tr>
<tr>
<td>8521H</td>
<td>12</td>
<td>42 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 56” L</td>
<td>47 lbs.</td>
</tr>
<tr>
<td>8610H</td>
<td>12</td>
<td>32 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 66” L</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>8610S</td>
<td>12</td>
<td>20 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 66” L</td>
<td>53 lbs.</td>
</tr>
<tr>
<td>8610SL</td>
<td>12</td>
<td>34 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 15” W x 66” L</td>
<td>54 lbs.</td>
</tr>
</tbody>
</table>

*Amp draw will vary depending on the color of the LED heads used and the flash pattern selected.*
STARBAR® & AEROSTAR® LIGHTBAR SPECIFICATIONS

Rotators: 920-99; 80fpm (+/-10) standard, 920-99F; 160fpm (+/-10) highspeed
Strobe Pack (2-Head): 620-181-SBQ; 84 Quadflash sequences per minute @ 24 watts (672fpm)
Strobe Pack (2-Head): RP249B; 70 Five flash sequences per minute @ 75 watts (700fpm)
Strobe Pack (4-Head): RP249; 70 Five flash sequences per minute @ 90 watts (1400fpm)

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Typical Amp Draw*</th>
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<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>6032LED</td>
<td>12</td>
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<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 20” L</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>6020H</td>
<td>12</td>
<td>8</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 20” L</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>6020S</td>
<td>12</td>
<td>2</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 20” L</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>6021H</td>
<td>12</td>
<td>12</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 20” L</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>6222H</td>
<td>12</td>
<td>8</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 24” L</td>
<td>15 lbs.</td>
</tr>
<tr>
<td>6222S</td>
<td>12</td>
<td>2</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 24” L</td>
<td>15 lbs.</td>
</tr>
<tr>
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<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 24” L</td>
<td>17 lbs.</td>
</tr>
<tr>
<td>6304H</td>
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<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 40” L</td>
<td>24 lbs.</td>
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<tr>
<td>6308H</td>
<td>12</td>
<td>20 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 40” L</td>
<td>23 lbs.</td>
</tr>
<tr>
<td>6414H</td>
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<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 44” L</td>
<td>26 lbs.</td>
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<tr>
<td>6444H</td>
<td>12</td>
<td>16 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 44” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>6444S</td>
<td>12</td>
<td>4</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 44” L</td>
<td>27 lbs.</td>
</tr>
<tr>
<td>6420H</td>
<td>12</td>
<td>16</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 48” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>6464LED</td>
<td>12</td>
<td>7.2 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 48” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>6423H</td>
<td>12</td>
<td>28 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 48” L</td>
<td>29 lbs.</td>
</tr>
<tr>
<td>6430H</td>
<td>12</td>
<td>20 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 48” L</td>
<td>33 lbs.</td>
</tr>
<tr>
<td>6448H</td>
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<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 48” L</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>6556H</td>
<td>12</td>
<td>24 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 56” L</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>6511H</td>
<td>12</td>
<td>34 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 56” L</td>
<td>31 lbs.</td>
</tr>
<tr>
<td>6506H</td>
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<td>14 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 56” L</td>
<td>27 lbs.</td>
</tr>
<tr>
<td>6603H</td>
<td>12</td>
<td>12</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 64” L</td>
<td>35 lbs.</td>
</tr>
<tr>
<td>6606H</td>
<td>12</td>
<td>24</td>
<td>hook-on/permanent</td>
<td>5” H x 12.5” W x 64” L</td>
<td>31 lbs.</td>
</tr>
<tr>
<td>9300H</td>
<td>12</td>
<td>8</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 36” L</td>
<td>20 lbs.</td>
</tr>
<tr>
<td>9300S</td>
<td>12</td>
<td>2.3</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 36” L</td>
<td>20 lbs.</td>
</tr>
<tr>
<td>9400H</td>
<td>12</td>
<td>8</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 48” L</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>9400S</td>
<td>12</td>
<td>2.3</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 48” L</td>
<td>30 lbs.</td>
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<tr>
<td>9404H</td>
<td>12</td>
<td>16</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 48” L</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>9404S</td>
<td>12</td>
<td>5</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 48” L</td>
<td>30 lbs.</td>
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<tr>
<td>9500H</td>
<td>12</td>
<td>24</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 58” L</td>
<td>42 lbs.</td>
</tr>
<tr>
<td>9500S</td>
<td>12</td>
<td>12</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 58” L</td>
<td>42 lbs.</td>
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<tr>
<td>9411H</td>
<td>12</td>
<td>22 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 48” L</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>9411S</td>
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<td>17 (max)</td>
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<td>5” H x 11” W x 48” L</td>
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<td>9511H</td>
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<td>22 (max)</td>
<td>hook-on/permanent</td>
<td>5” H x 11” W x 58” L</td>
<td>42 lbs.</td>
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<td>hook-on/permanent</td>
<td>5” H x 11” W x 58” L</td>
<td>42 lbs.</td>
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* Amp draw will vary depending on the color of the LED heads used and the flash pattern selected.
## Strobe Remote Kits & Heads

### Remote Power Supply Specifications

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>POWER (WATTS)</th>
<th>AMPS @ 12VDC</th>
<th>AMPS @ 24VDC</th>
<th>JOULES</th>
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<tr>
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<th>AMPS @ 24VDC</th>
<th>JOULES</th>
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<th>ENERGY EFFICIENCY 80%</th>
<th>NUMBER OF OUTLETS</th>
<th>HIGH/LOW POWER OPTION</th>
<th>HEAD-SWITCHING OPTION</th>
<th>FUSE PROTECTED</th>
<th>FLASH RATE</th>
<th>PATTERN SELECT</th>
<th>WEATHERPROOF</th>
<th>WEIGHT (lbs.)</th>
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<td>N/A</td>
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<td>RP310Q</td>
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<td>25 25 40 75 60 90</td>
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<td>N/A 1&amp;2 1&amp;2 1&amp;2 2&amp;3 6&amp;4</td>
<td>N/A</td>
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*Specs listed are for the five flash pattern of these remote power supplies. Other patterns are customer selectable.

†One joule assimilates 100,000 candle power.

#All remote strobe paks are reverse polarity protected.

---

## Cable Specifications for Remote Power Supplies

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
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<th>LIGHT-DUTY</th>
<th>HEAVY-DUTY</th>
<th>SHIELDED</th>
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<th>CONNECTOR HEAD SIDE</th>
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*Available in 5’ increments (10’-50’)
## AT-A-GLANCE SPECIFICATION CHART FOR BEACONS

### Specification Chart

#### LED BEACONS

<table>
<thead>
<tr>
<th>PAGE</th>
<th>WARNING LIGHTS</th>
<th>LENS COLORS</th>
<th>VOLTAGES</th>
<th>MOUNTING</th>
<th>CURRENT DRAW AMPS</th>
<th>OUTPUT</th>
<th>LBS.</th>
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<tr>
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#### STROBE BEACONS

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<th>VOLTAGES</th>
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<th>OUTPUT</th>
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</table>

†HIGH/LO Feature
Current Draw Based on 12.8V DC
unless otherwise noted
*Based on 110/120V AC
S=Permanent surface
P=Pipe
M=Magnetic

Note: Not all models are listed in this section. Please refer to catalog pages for specifications not listed here. All strobes are rated at a nominal 65 flash sequences per minute unless otherwise noted in catalog.

TOLL FREE FAX LINE: 1-888-478-2797  www.starheadlight.com

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