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**STAR NEBULA™ Beacons**

- 12 different selectable flash patterns in either of two phases, plus steady-on
- Extremely low current draw
- Durable polycarbonate twist on/off lens
- S-Link System™ synchronizing capabilities with other Star LED units
- Fully encapsulated circuitry for weather and shock resistance
- Lightweight polycarbonate base, flange three-hole permanent mount, flange two-hole permanent mount, 1” pipe mount, magnet mount, vacuum magnet mount with cig. plug (on/off and pattern select switch)
- See pages 9 - 10 for Specifications and Approvals

![266TCLV and 266TSL](image)

**Model Numbers**
- 266T CFL 266TCL 266TSFL 266TSLV
- C - Tall lens, F - Flange mount, M - Magnet mount, S - Short lens, V - Vacuum magnet mount

**Voltage:** permanent - 10-30V DC, magnet - 10-16V DC  
**Amp Draw:** 0.74 amps @ 12V DC, 0.48 amps @ 24V DC

**LED Colors**
- Red
- Green
- Yellow
- Blue
- Amber
- Purple
- White

**Lens Colors**
- Clear
- Smoked
- Orange
- Gold
- Blue
- Red
- Green
- Yellow
- Purple
- White

**Branch Guards (Optional)**
Black powder coated steel

- 274-55TC - Tall branch guard
- 274-55TS - Short branch guard

**Mounting**

**Replacement Parts** (* = color)
- Lens (266TCL) - 295TC-*
- Lens (266TSL) - 297TS-*
- Magnet mount kit - 177-3
- O-ring gasket - 30047-41
- Vacuum magnet mount - 920-16V
- Cig. plug - 920-PAT20LO

**Base**
- 6 11/16” Dia.

**Flange Base**
- 6 13/32” Dia.

---

**STAR HALO® LED Beacons**

- Star Halo® Technology is patented (#8, 662, 702)
- 12 different selectable flash patterns in either of two phases, plus steady-on
- S-Link System™ synchronizing capabilities with other Star LED units
- Fully encapsulated circuitry for weather and shock resistance
- Extremely low current draw
- See pages 9 - 10 for Specifications and Approvals

![255HTCLV and 255H8TSL](image)

**Model Numbers**
- 255H8TAL 255H8TCLV 255HTAL 255HTCLV 255H8TALV 255H8TSFL 255HTALV 255HTSFL 255H8TCFL 255H8TSL 255H8TSLM 255HTCL 255HTSFL 255H8TCLM 255H8TSLV 255HTCLM 255HTSFL
- A - Dust cover, C - Tall lens, F - Two-hole flange mount, H8L - Ultra high intensity 8 LEDs, HL - High intensity 4 LEDs, M - Magnet mount, S - Short lens, V - Vacuum magnet mount

**Features**
- Durable polycarbonate, twist on/off lens
- Lightweight polycarbonate base, flange three-hole permanent mount, flange two-hole permanent mount, 1” pipe mount, magnet mount, vacuum magnet mount with cig. plug (on/off and pattern select switch)

**Voltage:** permanent - 10-30V DC, magnet - 10-16V DC  
**Amp Draw:** 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

**Colors for 4-LED version**
- Red
- Green
- Yellow
- Blue
- Amber
- Purple
- White

**Colors for 8-LED version**
- Red
- Green
- Yellow
- Blue
- Amber
- Purple
- White
- Clear
- Smoked
- Orange
- Gold
- Blue
- Red
- Green
- Yellow
- Purple
- White

**Branch Guards (Optional)**
Black powder coated steel

- 274-55TC - Tall branch guard
- 274-55TS - Short branch guard

**Mounting**

**Replacement Parts** (* = color)
- Lens (255HTCL) - 295TC-*
- Lens (255H8TSL) - 297TS-*
- Magnet mount kit - 177-3
- O-ring gasket - 30047-41
- Vacuum magnet mount - 920-16V
- Cig. plug - 920-PAT20LO
- Tall dome with dust cover - 295TA-*

**Base**
- 6 11/16” Dia.

**Flange Base**
- 6 13/32” Dia.
### Star Halo® LED Beacons

#### 257HTL

**Colors for 4-LED version**
- **C** - Clear lens, colored LEDs

**Colors for 8-LED version**
- **C** - Clear lens, colored LEDs

**Branch Guards (Optional)**
- Black powder coated steel
- **C** - Tall branch guard, **S** - Short branch guard

**Replacement Parts (\(^*\) = color)**
- Lens (257HTCL) 295TC-\(^*\)
- Lens (257HTSL) 297TS-\(^*\)
- Vacuum magnet mount 920-16V
- O-ring gasket 30047-41
- Cig. plug 920-PAT20LO
- Tall dome with dust cover 295TA-\(^*\)

**Model Numbers**
- 257H8TAL 257H8TCLV 257HTCL 257HTSL
- 257H8TALV 257H8TSL 257HTCLV 257HTSLV
- 257H8TCL 257H8TSLV

**Features**
- Durable polycarbonate, twist on/off lens
- Die-cast metal, flange three-hole permanent mount, 1” pipe mount, optional vacuum magnet mount with cig. plug (on/off and pattern select switch)

**Voltage:** permanent - 10-30V DC, magnet 10-16V DC
**Amp Draw:** 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

#### 251HTL

**Colors for 4-LED version**
- **C** - Clear lens, colored LEDs

**Colors for 8-LED version**
- **C** - Clear lens, colored LEDs

**Branch Guards (Optional)**
- Black powder coated steel
- **C** - Tall branch guard, **S** - Short branch guard

**Replacement Parts (\(^*\) = color)**
- Lens (251HTCL) 295TC-\(^*\)
- Lens (251HTSL) 297TS-\(^*\)
- O-ring gasket 30047-41
- Cig. plug 920-PAT20LO
- Tall dome with dust cover 295TA-\(^*\)

**Model Numbers**
- 251H8TAL 251H8TSL 251HTCL
- 251H8TAL-BG 251H8TSL-BG 251HTCL-BG
- 251H8TCL 251HTAL 251HTSL
- 251H8TCL-BG 251HTAL-BG 251HTSL-BG

**Features**
- Two rotating flash patterns, high/low intensity feature
- LED direct replacement for lights that install on a 6 ⅜” style base
- Durable polycarbonate, twist on/off lens
- Lightweight, polycarbonate, universal flange base attached to an open aluminum spun base
- J-hook mount kit included

**Voltage:** 10-30V DC
**Amp Draw:** 0.6 amps @ 12V DC, 0.3 amps @ 24V DC
**Star Halo® LED Beacons**

- **200AH8L**
  - **Model Numbers:** 200AH8L, 200AHL
  - **Features:**
    - Durable polycarbonate inner lens and outer dome
    - Clear, smooth, outer dome for easy cleaning and provides inner lens protection
    - Heavy duty spun aluminum base with plastic base insert
    - Universal mounting: permanent mount, 1” pipe mount with plate
    - Designed for a wide range of light and heavy duty vehicles

- **200BH8L**
  - **Model Numbers:** 200BH8L, 200BHL
  - **Features:**
    - Durable polycarbonate inner lens and outer dome
    - Clear, smooth, outer dome for easy cleaning and provides inner lens protection
    - Heavy duty spun closed aluminum base
    - Universal mounting: permanent mount, ¾” pipe mount with plate

- **200CHL**
  - **Model Numbers:** 200CFH8L, 200CFHL, 200CH8L, 200CHL
  - **Features:**
    - Durable polycarbonate lens
    - Heavy duty spun open aluminum base
    - Universal mounting: permanent, three-hole flange mount
    - Ideal for medium to heavy strobe needs

- **Colors for 4-LED version**
  - C - Clear lens, colored LEDs

- **Colors for 8-LED version**
  - C - Clear lens, colored LEDs

- **Replacement Parts**
  - Outer dome with holes: 134-LD-*
  - Lens: 300-*
  - Plastic base insert: 101-AP
  - Mounting kit: S278-6
  - Gasket: 301

- **Voltage:**
  - 10-30V DC

- **Amp Draw:**
  - 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

- **Colors for 4-LED version**
  - C - Clear lens, colored LEDs

- **Colors for 8-LED version**
  - C - Clear lens, colored LEDs

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### Star Halo® LED Beacons

**200SHL**

- **Model Numbers**
  - 200SH8L, 200SH8LM, 200SHL, 200SHLM
  - H8L: Ultra high intensity, 8 LEDs
  - HL: High intensity, 4 LEDs
  - M: Magnet

- **Features**
  - Durable polycarbonate lens
  - Rugged die-cast aluminum base with powder coat finish
  - Universal permanent mount, standard ½” pipe mount, optional magnet mount with cig. plug (on/off switch and pattern select)

- **Voltage**: permanent - 10-30V DC, magnet 10-16V DC
- **Amp Draw**: 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

**240HL**

- **Model Numbers**
  - 240H8AFL, 240H8CL, 240H8SLM, 240HSFL
  - 240H8AL, 240H8CLM, 240HCFL, 240HSGL
  - 240H8ALM, 240H8SGL, 240HCL, 240HS
  - 240H8CFL, 240H8SFL, 240HCLM, 240HSLM
  - 240H8CFL-G
    - A: Dust cover
    - C: Tall lens
    - F: Flange base 1” pipe mount
    - G: Branch guard
    - G: G plate
    - H8L: Ultra high intensity, 8 LEDs
    - HL: High intensity, 4 LEDs
    - M: Magnet mount
    - S: Short lens

- **Features**
  - Durable polycarbonate lens
  - Rugged die-cast aluminum base with powder coat finish
  - Universal permanent mount, flange mount, 1” pipe mount, optional magnet mount with cig. plug (on/off switch and pattern select)

- **Voltage**: permanent - 10-30V DC, magnet 10-16V DC
- **Amp Draw**: 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

---

**Colors for 4-LED version**

- Black, Orange, Red, Green

**Colors for 8-LED version**

- Black, Orange, Red, Green, Blue

**Mirror mount brackets (Optional)**

**Replacement Parts** (* = color)

- **Lens (240C)**: 296-*
- **Lens (240S)**: 297-*
- **Magnet**: 177
- **Cig. plug**: 920-PAT20LO

---

**Colors for 4-LED version**

- Black, Orange, Red, Green

**Colors for 8-LED version**

- Black, Orange, Red, Green, Blue

**Dust Cover (Optional)**

**Replacement Parts** (* = color)

- **Lens (240C)**: 296-*
- **Lens (240S)**: 297-*
- **Magnet**: 177
- **Cig. plug**: 920-PAT20LO
**Star Halo® LED Beacons**

- Star Halo™ Technology is patented (88, 662, 702)
- Generation IV LEDs (four of each color), Dual-Color
- 12 different selectable flash patterns in either of two phases, plus steady-on
- Independent pattern selector for each color
- Fully encapsulated circuitry for weather and shock resistance
- S-Link System™ synchronizing capabilities with other Star LED units
- Extremely low current draw
- See pages 9 - 10 for Specifications and Approvals

---

### Model Number

**200AHDL**  

### A - Dust cover, **D** - Dual-Color  

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

### 200SHDL

### D - Dual-Color, **M** - Magnet mount

### Features
- Halo rotating, two color LEDS
- Rugged die-cast aluminum base
- Permanent mount, standard pipe ½” mount, optional magnet mount with cig. plug (on/off switch and pattern select)

### 258HTDL

### A - Dust cover, **C** - Tall lens, **D** - Dual-Color, **S** - Short lens, **V** - Vacuum magnet mount

### Features
- Features the first “full image” Dual-Color warning lights
- Allows you to change between colors with the flip of a switch
- Lightweight polycarbonate, flange three-hole permanent mount, 1” pipe mount (optional vacuum magnet mount with cig. plug)
- Cig. plug has two independent power switches, one for each color

---

**Voltage:** 10-30V DC  

**Amp Draw:** 0.6 amps @ 10-30V DC, 0.3 amps @ 24V DC

---

**Star Halo DC™ DUAL COLOR**

### Split LED Colors

- **Red**
- **Yellow**
- **White**
- **Green**

### Voltage:
- Permanent - 10-30V DC, magnet 10-16V DC
- Amp Draw: 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

### Replacement Parts

- **Outer dome**
- **Lens**
- **Plastic base insert**
- **Mounting kit**
- **Gasket**

---

**Star Halo DC™ DUAL COLOR**

### Split LED Colors

- **Red**
- **Yellow**
- **White**
- **Green**

### Voltage:
- Permanent - 10-30V DC, magnet 10-16V DC
- Amp Draw: 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

### Replacement Parts

- **Lens**
- **Base**
- **Clamp ring**
- **Cig. plug**
- **Magnet**

---

**Star Halo DC™ DUAL COLOR**

### Split LED Colors

- **Red**
- **Yellow**
- **White**
- **Green**

### Voltage:
- Permanent - 10-30V DC, magnet 10-16V DC
- Amp Draw: 0.6 amps @ 12V DC, 0.3 amps @ 24V DC

### Replacement Parts

- **Lens**
- **Base**
- **Cig. plug**

---

**Phone Number: 585-226-9500 www.starheadlight.com**
Star Halo® LED Beacons

- Four LED Star Halo® tower or rotating version available (200ZHRL)
- 12 different selectable flash patterns in either of two phases, plus steady-on
- Durable polycarbonate, twist on/off lens

• Heavy duty die-cast base
• Permanent mount, magnet mount (cig. plug with pattern select), and ¼” NPT pipe mount
• See pages 9 - 10 for Specifications and Approvals

Model Numbers
200ZHL 200ZHLM 200ZHRL 200ZHRLM
M - Magnet mount, R - Rotating pattern

Voltage: rotating - 10-30V DC, non-rotating and magnet - 10-16V DC
Amp Draw: 0.5 amps @ 12V DC

Lens Colors

C2 - 256T

Model Numbers
256TCL 256TCLV 256TSL 256TSLV
C - Tall lens, F - Flange, M - Magnet mount, S - Short lens, V - Vacuum magnet mount
Features
• Lightweight polycarbonate base, flange three-hole permanent mount, flange two-hole permanent mount, 1” pipe mount, magnet mount, vacuum magnet mount with cig. plug (on/off and pattern select switch)

Voltage: permanent - 10-30V DC, magnet 10-16V DC
Amp Draw: 0.4 amps @ 12V DC, 0.8 amps

Lens Colors

C2 - 240

Model Numbers
240CFL 240SFL
C - Tall lens, F - Flange mount, S - Short lens
Features
• Durable polycarbonate screw on lens, rugged die-cast aluminum base with powder coat finish and universal mounting: permanent mount, 1” pipe mount

Voltage: 10-30V DC
Amp Draw: 0.4 amps @ 12V DC, 0.8 amps

Replacement Parts (* = color)

Dome P4250-1*
Mag 30026-2
Cig. plug 920-PAT20LO

Branch Guards (Optional) Black powder coated steel

C - Tall branch guard, S - Short branch guard

Replacement Parts (* = color)

Lens (256TCL) 295TC-*
Lens (256TSL) 297TS-*
Magnet mount kit 177-3
O-ring gasket 30047-41
Vacuum magnet mount 920-16V
Cig. plug 920-PAT20LO

Branch Guards (Optional) Black powder coated steel

C - Tall branch guard, S - Short branch guard

Replacement Parts (* = color)

Lens (240C) 295-*
Lens (240S) 297-*

Replacement Parts (* = color)

Dome P4250-1*
Mag 30026-2
Cig. plug 920-PAT20LO
Compact LED Beacon

- Two Star Generation IV LEDs
- Long life LEDs, rated for over 100,000 hours
- 28 customer selectable flash patterns, plus two steady-on, cycle all
- Compact and powerful LED light output
- External pattern select wire (permanent mount only)
- Fully encapsulated circuitry for weather and shock resistance
- See pages 9 - 10 for Specifications and Approvals

**Features**

- Durable polycarbonate lens, clamped to a rugged die-cast aluminum base with a fully gasketed aluminum retaining ring to enhance water resistance
- Permanent mount with ½” pipe mount
- Optional magnet mount

**Model Numbers**

200ZL  200ZL-110  200ZLM
110 - 10-110 Volt, M - Magnet mount

**Voltage:** 10-16V DC or 10-110V DC
**Amp Draw:** 0.35 amps @ 12V, 0.13 amps @ 110V DC

**Replacement Parts** (* = color)

- Lens 330-*
- Cig. plug with lighted on/off switch 920-PAT20LO
- Gasket 381
- Clamp ring 365-Z
- Magnet 177
- Eye shield 386

**Mirror mount brackets (Optional)**

- 274-MMB
- 274-MMBS
- 274-MMB1T

**Lens Colors**

- 3 ¾”H
- 3 ¾”Dia.

**Base**

- 3 ¾”H

**Mounting**

- 3 ¾”Dia.

---

**Model Numbers**

201ZL  201ZL-110  201ZLM
110 - 10-110 Volt, M - Magnet mount

**Features**

- Snap-on polycarbonate lens
- Durable ABS plastic base
- Permanent mount with ½” pipe mount
- Optional magnet mount

**Model Numbers**

201ZL  201ZL-110  201ZLM
110 - 10-110 Volt, M - Magnet mount

**Voltage:** 10-16V DC or 10-110V DC
**Amp Draw:** 0.35 amps @ 12V, 0.13 amps @ 110V DC

**Replacement Parts** (* = color)

- Lens 330-*
- O-ring gasket P30047-8
- Magnet 177
- Cig. plug with lighted on/off switch 920-PAT20LO
- Eye shield 386

**Mirror mount brackets (Optional)**

- 274-MMB
- 274-MMBS
- 274-MMB1T

**Lens Colors**

- 4 ¼”H
- 4 ¼”Dia.

**Base**

- 4 ¼”H

**Mounting**

- 4 ¼”Dia.

---

**Model Numbers**

203MVL  203MVL-110  203MVLM
110 - 10-110 Volt, MVL - Permanent, MVLM - Magnet mount

**Features**

- Twist on/off lens for quick field maintenance
- Durable ABS plastic base
- Durable polycarbonate lens
- Permanent mount flange with ½” pipe mount
- Optional magnet mount

**Model Numbers**

203MVL  203MVL-110  203MVLM
110 - 10-110 Volt, MVL - Permanent, MVLM - Magnet mount

**Voltage:** 10-16V DC or 10-110V DC
**Amp Draw:** 0.35 amps @ 12V DC, 0.13 amps @ 110V DC

**Replacement Parts** (* = color)

- Lens 320-*
- Cig. plug 920-PAT20LO
- Magnet 30026-3

**Lens Colors**

- 3 ½”H
- 5 ½”Dia.

**Mounting**

- 3 ½”H

---

**Model Numbers**

200ZL  200ZL-110  200ZLM
110 - 10-110 Volt, M - Magnet mount

**Voltage:** 10-16V DC or 10-110V DC
**Amp Draw:** 0.35 amps @ 12V, 0.13 amps @ 110V DC

**Replacement Parts** (* = color)

- Lens 330-*
- Cig. plug with lighted on/off switch 920-PAT20LO
- Gasket 381
- Clamp ring 365-Z
- Magnet 177
- Eye shield 386

**Mirror mount brackets (Optional)**

- 274-MMB
- 274-MMBS
- 274-MMB1T

**Lens Colors**

- 3 ¾”H

**Base**

- 3 ¾”H

**Mounting**

- 3 ¾”Dia.

---

**Model Numbers**

201ZL  201ZL-110  201ZLM
110 - 10-110 Volt, M - Magnet mount

**Voltage:** 10-16V DC or 10-110V DC
**Amp Draw:** 0.35 amps @ 12V, 0.13 amps @ 110V DC

**Replacement Parts** (* = color)

- Lens 330-*
- O-ring gasket P30047-8
- Magnet 177
- Cig. plug with lighted on/off switch 920-PAT20LO
- Eye shield 386

**Mirror mount brackets (Optional)**

- 274-MMB
- 274-MMBS
- 274-MMB1T

**Lens Colors**

- 4 ¼”H

**Base**

- 4 ¼”H

**Mounting**

- 4 ¼”Dia.

---

**Model Numbers**

203MVL  203MVL-110  203MVLM
110 - 10-110 Volt, MVL - Permanent, MVLM - Magnet mount

**Voltage:** 10-16V DC or 10-110V DC
**Amp Draw:** 0.35 amps @ 12V DC, 0.13 amps @ 110V DC

**Replacement Parts** (* = color)

- Lens 320-*
- Cig. plug 920-PAT20LO
- Magnet 30026-3

**Lens Colors**

- 3 ½”H

**Mounting**

- 3 ½”H

---

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### Lens Color

* = color

### Base

- **4" Dia.**

### Mounting

- 5" H

### Replacement Parts

* = color

### Features

- Space saving solution
- Twist on/off lens for quick field maintenance
- Durable ABS plastic base
- Permanent flange mount with ½" pipe mount

### Model Numbers

- **204MVL**  
  - **204MVL-110**  
  - 110 - 10-110 Volt, **MVL** - Permanent, flange mount

### Specifications

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
<th>Approvals</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(years)</td>
<td>Refer to page 81</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(* = color)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(A - Amber, B - Blue, R - Red, C - Clear)</td>
</tr>
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<td></td>
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<td>CA - California Title 13, ** - SAE J845</td>
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<tr>
<td>200AH8L, 200AHHL, 200BH8L, 200BHHL</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>4</td>
<td>5</td>
<td>(H8L) Class I (A, B, C, R)<em>, CA (A, R)</em>, (HL) Class I (A, AC, C)*, Class II (B, BC, R, RC)</td>
</tr>
<tr>
<td>200AHDL</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>4</td>
<td>5</td>
<td>Class II (A/B)*</td>
</tr>
<tr>
<td>200CFH8L, 200CFHL, 200CH8L, 200CHHL</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>4</td>
<td>5</td>
<td>(H8L) Class I (A, B, C, R)<em>, (HL) Class I (A, AC, C), Class II B, BC, R, RC)</em></td>
</tr>
<tr>
<td>200SH8L, 200SH8LM, 200S8L, 200S8LM</td>
<td>10-30V DC, 10-16V magnet</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>pern. - 3 magnet - 4</td>
<td>5</td>
<td>(H8L) Class I (A, B, C, R)<em>, (HL) Class I (A, AC, C)</em>, Class II (B, BC, R, RC)*</td>
</tr>
<tr>
<td>200SHDL, 200SHDLM</td>
<td>10-30V DC, 10-16V magnet</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>perm. - 3 magnet - 4</td>
<td>5</td>
<td>** Class II</td>
</tr>
<tr>
<td>200ZHL, 200ZHLM</td>
<td>10-16V DC</td>
<td>0.5 amps @ 12V DC</td>
<td>perm. - 2 magnet - 3</td>
<td>5</td>
<td>** Class I (A, BC, C, R)*</td>
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<tr>
<td>200ZHR, 200ZHRM</td>
<td>10-30V DC, 10-16V magnet</td>
<td>0.5 amps @ 12V DC</td>
<td>perm. - 2 magnet - 3</td>
<td>5</td>
<td>** Class I (A, AC, C)*</td>
</tr>
<tr>
<td>200ZL, 200ZLM, 200ZL-110</td>
<td>10-16V DC, 10-110V DC</td>
<td>0.35 amps @ 12V DC, 0.13 amps @ 110V DC</td>
<td>perm. - 2 magnet - 2.5</td>
<td>5</td>
<td>Class III (A)*</td>
</tr>
<tr>
<td>251H8TAL, 251HTAL 251H8TAL-BG, 251HTAL-BG</td>
<td>10-30V DC, 10-16V magnet</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>perm. - 3 magnet - 5</td>
<td>5</td>
<td>(H8T) Class I (A, B, C, R)<em>, CA (A, R)</em>, (HCL) Class I (A, AC, BC, C), Class II (B, BC, R, RC)</td>
</tr>
<tr>
<td>251H8TAL, 251HTAL-BG, 251H8TAL-BG, 251HTAL-BG</td>
<td>10-30V DC, 10-16V magnet</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>perm. - 3, w/bg - 4</td>
<td>5</td>
<td>(H8T) Class I (A,R), Class II (C, B), (HSL) Class I (A), Class II (B, C, R)*</td>
</tr>
<tr>
<td>255H8TAL, 255HTAL</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>S - 2, with bg - 3 C - 3, with bg - 4</td>
<td>5</td>
<td>Class I (A or C only)*</td>
</tr>
<tr>
<td>251H8TAL, 251HTAL 251H8TAL-BG, 251HTAL-BG</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>S - 2, with bg - 3 C - 3, with bg - 4</td>
<td>5</td>
<td>Class I (A)*</td>
</tr>
<tr>
<td>255H8TAL, 255HTAL</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>S - 2 C - 3</td>
<td>5</td>
<td>Class I (A, C)</td>
</tr>
</tbody>
</table>
### LED Beacons

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight</th>
<th>Warranty</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>255H8TCL, 255H8TCLM, 255H8TCLV, 255H8TSL, 255H8TSLM, 255H8TSLV, 255HTCL, 255HTCLM, 255HTCLV, 255HTSL, 255HTSLM, 255HTSLV</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>perm. - S - 2, C - 3, Mag. S - 5, C - 6, vac. S - 7, C - 8</td>
<td>5</td>
<td>(H8CL) Class I (A, B, R, B, C), (HCL) Class I (A, AC, BC, C), Class II (B, R, RC), (H8SL) Class I (A, R), Class II (B, C)*, (HSL) Class I (A, AC), Class II (B, BC, C, R, RC)</td>
</tr>
<tr>
<td>256TCL, 256TCLM, 256TCLV, 256TSL, 256TSLM, 256TSLV</td>
<td>10-30V DC</td>
<td>0.4 amps @ 12V DC</td>
<td>perm. S - 2, C - 3, Mag. S - 5, C - 6, vac. S - 7, C - 8</td>
<td>5</td>
<td>Class II (A or C only)*</td>
</tr>
<tr>
<td>257H8TAL, 257H8TALV, 257H8TCL, 257H8TCLV, 257HTCL</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>perm. C - 3, vac. C - 7</td>
<td>5</td>
<td>(H8AL) Class I (A, C), CA (A, R), (H8CL) Class I (A, AC, BC, C), Class II (B, R, RC)*</td>
</tr>
<tr>
<td>258TCDL, 258TCDLM, 258TCDLV, 258TCDLVM, 258TCDLV, 258TCDLVM, 258TCDLVM, 258TCDLVM</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>perm. C - 3, S - 2, vac. C - 7, S - 6</td>
<td>5</td>
<td>(H8SL) Class I (A, R)<em>, Class II (B, C)</em>, (H8SL) Class I (A), Class II (B, C, R)*</td>
</tr>
<tr>
<td>266TCFL, 266TCL, 266TCLM, 266TCLV, 266TSFL, 266TSL, 266TSLM, 266TSLV</td>
<td>10-30V DC</td>
<td>0.7 amps @ 12V DC</td>
<td>perm. S - 2, C - 3, Mag. S - 5, C - 6, vac. S - 7, C - 8</td>
<td>5</td>
<td>Class I (A)</td>
</tr>
</tbody>
</table>

### Strobe Beacons

- Smooth outer dome for easy cleaning which also protects the inner Fresnel lens
- Built with heavy duty spun aluminum bases
- See pages 17 - 18 for Specifications and Approvals

#### 200A

**Model Numbers**

- 200A
- 200ADH
- 200AQH

**Features**

- Open bottom base with plastic base insert

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Amp Draw</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-24V DC</td>
<td>2 amps, high power - 3.2 amps</td>
</tr>
</tbody>
</table>

#### 200B

**Model Numbers**

- 200B
- 200BDH
- 200BQH

**Features**

- Enclosed base

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Amp Draw</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-24V DC</td>
<td>2 amps, high power - 3.2 amps</td>
</tr>
</tbody>
</table>
**Strobe Beacons**

**200C**

- **Lens Colors**
- **Replacement Parts (\(^*\) = color)**
  - Lens: 300-\(^*\)
  - Strobe tube: 129
  - Circuit: 181-110
  - Channel gasket: 111C

**200E**

- **Lens Colors**
- **Replacement Parts (\(^*\) = color)**
  - Lens: 300-\(^*\)
  - Strobe tube: 129
  - Circuit: 181-SDQ-12
  - Channel gasket: 111C

---

**250**

- **Model Numbers**
  - 250A 250ADH 250C 250CQH 250CH 250S 250SH 250SDH
  - A - Dust cover, C - Tall lens, D - Double flash, H - High power, Q - Quad flash, S - Short lens

**Lens Colors**

- **Replacement Parts (\(^*\) = color)**
  - Outer dust cover (250A): 296-\(^*\)
  - Lens (250A and 250C): 296-\(^*\)
  - Lens (250S): 297-\(^*\)
  - Strobe tube: 129-DH
  - Strobe tube (single flash mode): 129
  - Timing head (single flash): 180
  - Power supply (high power single flash): (2) 181-12
  - Circuit (high power, double flash): 181-DH-12
  - Circuit (high power, quad flash): 181-QH-12
  - Base plate: 331

**200C**

- **Features**
  - Selectable flash patterns single, double, and quad flash
  - Voltage: 12-24V DC
  - Amp Draw: 2 amps

**200E**

- **Features**
  - Selectable high/low intensity is a standard feature in double and quad flash
  - An optional photocell is available for high power models that automatically switches to lower intensity in low light conditions
  - Permanent mount

**250**

- **Features**
  - For heavy duty applications
  - See pages 17 - 18 for Specifications and Approvals

---

**Strobe Beacons**

**200C**

- **Features**
  - Durable polycarbonate lens
  - Built with anodized spun aluminum bases for increased durability and weather resistance
  - Permanent mount
  - Ideal for medium to heavy duty applications
  - See pages 17 - 18 for Specifications and Approvals

**200E**

- **Features**
  - Permanent mount
  - Ideal for medium to heavy duty applications

---

**250**

- **Features**
  - For heavy duty applications
  - See pages 17 - 18 for Specifications and Approvals
**Strobe Beacons**

**255HTC**

- Field selectable flash patterns via internal jumper for single, double, or quad flash (ships in quad flash)
- Fully encapsulated circuitry for weather and shock resistance
- AMERICAN MADE
- Toll Free Fax Line: 888-478-2797
- www.starheadlight.com

**Model Numbers**

255HTC 255HTCM 255HTCV 257HTC 257HTS

- 7 - Die-cast metal base, C - Tall lens, M - Magnet mount, S - Short lens, V - Vacuum magnet mount

**Features**

- High profile
- Patented LED diagnostic indicator is standard
- Photocell for automatic ‘night’ mode switching
- Lens easily twists on/off the durable plastic, universal mount, flange base
- 255 - Lightweight polycarbonate, flange three-hole permanent mount, 1” pipe mount, optional vacuum magnet mount with cig. plug (lighted on/off switch)
- 257 - Die-cast metal base, flange three-hole permanent mount, 1” pipe mount

**Voltage:**

- permanent - 12-24V DC, magnet - 12V DC

**Amp Draw:**

- 2amps @ 12V DC, 1amp @ 24V DC

**Replacement Parts**

| Lens (255TC Series) | 295TC-* |
| Strobe tube | 129 |
| Circuit | 181-HT-DQ |
| Cig. plug with lighted on/off switch | 176-SW |
| Magnet mount kit | 177-3 |
| O-ring gasket | 30047-41 |
| Vacuum magnet | 920-16V |

**Lens Colors**


**255T**

- RFI protection
- Durable polycarbonate lens
- See pages 17 - 18 for Specifications and Approvals

**Model Numbers**

255TC 255TCV 255TSM 257TC

- 255TCM 255TS 255TSV 257TS

- 7 - Die-cast metal base, C - Tall lens, M - Magnet mount, S - Short lens, V - Vacuum magnet mount

**Features**

- Protected with a low voltage shutdown feature
- Lens easily twists on/off the durable polycarbonate, universal mount, flange base
- 255 - Lightweight polycarbonate, flange three-hole permanent mount, 1” pipe mount, optional vacuum magnet mount with cig. plug (lighted on/off switch)
- 257 - Die-cast metal base, flange three-hole permanent mount, 1” pipe mount

**Voltage:**

- permanent - 12-48V DC, magnet - 12V DC

**Amp Draw:**

- 1.2amps @ 12V DC, 0.6amps @ 24V DC, 0.3amps @ 36V DC, 0.18amps @ 48V DC

**Replacement Parts**

| Lens (255TC Series) | 295TC-* |
| Strobe tube | 129 |
| Circuit | 462-1 |
| Cig. plug with lighted on/off switch | 176-SW |
| Magnet mount | 177-3 |
| Vacuum magnet mount | 920-16V |
| O-ring gasket | 30047-41 |

**Lens Colors**


**Branch Guard (Optional)**

Black powder coated steel

- 7”H
- 6 13/32”Dia.

**274-55TC**

- C - Tall branch guard

**Branch Guards (Optional)**

Black powder coated steel

- 7”H
- 5 5/16”H

**274-55TS**

- S - Short branch guard

**Base**

6 13/32”Dia.

**Mounting**

- 6 11/16”H

**Replacement Parts**

| Lens (255TC Series) | 295TC-* |
| Strobe tube | 129 |
| Circuit | 462-1 |
| Cig. plug with lighted on/off switch | 176-SW |
| Magnet mount | 177-3 |
| Vacuum magnet mount | 920-16V |
| O-ring gasket | 30047-41 |
Strobe Beacons

**200S**

- **Most popular medium profile strobe light**
- **Selectable high/low intensity is a standard feature**
- **Rugged die-cast base is fully gasketed**
- **Permanent mount with ½” pipe mount, magnet mount**

**Voltage:** permanent - 12-24V DC, magnet - 12V DC

**Amp Draw:** 2 amps @ 12V DC

**Model Numbers**

- **200S**
- **200SM**

- **M** - Magnet mount

**Features**

• Most popular medium profile strobe light
• Selectable high/low intensity is a standard feature
• Rugged die-cast base is fully gasketed
• Permanent mount with ½” pipe mount, magnet mount

**Features**

- **Replacement Parts (" = color)**
  - Lens 300-S-
  - Strobe tube 129
  - Circuit 181-SDQ4-12
  - Cig. plug with lighted on/off switch 176-SW
  - Lens gasket 369
  - Base 4100LF
  - Clamp ring 365
  - Circuit plate 364
  - Magnet 177

**200SM**

- **Tall dome,** **S** - Short dome

**Voltage:** permanent - 12-24V DC, magnet - 12V DC

**Amp Draw:** 2 amps @ 12V DC

**Model Numbers**

- **200S**
- **200SM**

- **M** - Magnet mount

**Features**

- Standard high/low intensity is a standard feature on double and quad flash models
- Rugged die-cast aluminum base is protected with a powder coat finish
- Permanent mount with 1” pipe mount, flange mount, magnet mount

**Features**

- **Replacement Parts (" = color)**
  - Lens (240C) 295-*
  - Lens (240S) 297-*
  - Strobe tube 129
  - Circuit 181-SDQ4-12
  - Magnet 177
  - Cig. plug with lighted on/off switch 176-SW

**240C**

- **C** - Tall lens,
- **F** - Flange mount,
- **M** - Magnet mount,
- **S** - Short lens

**Dust Cover (Optional)**

- **C** - Tall dome,
- **S** - Short dome

**Model Numbers**

- **240C**
- **240CF**
- **240CM**
- **240S**
- **240SF**
- **240SM**

- **C** - Tall branch guard,
- **S** - Short branch guard

**Branch Guards (Optional)**

- **Black powder coated steel**
  - **274-40C**
  - **274-40S**
  - **C** - Tall branch guard,
  - **S** - Short branch guard

**Mirror mount brackets (Optional)**

- **Black powder coated steel**
  - **274-MMB**
  - **274-MMBS**
  - **274-MMB1T**

**Mounting**

- **5 ½”Dia.**

**Dust Cover (Optional)**

- **5 ¾”H**
  - **296-C**
  - **296-S**

**Base**

- **5 ½”Dia.**

**Replacement Parts (" = color)**

- Lens (240C) 295-*
- Lens (240S) 297-*
- Strobe tube 129
- Circuit 181-SDQ4-12
- Magnet 177
- Cig. plug with lighted on/off switch 176-SW

**Voltage:** permanent - 12-24V DC, magnet - 12V DC

**Amp Draw:** 2.0 amps @ 12V DC

**Model Numbers**

- **240C**
- **240CF**
- **240CM**
- **240S**
- **240SF**
- **240SM**

- **C** - Tall lens,
- **F** - Flange mount,
- **M** - Magnet mount,
- **S** - Short lens

**Features**

- Standard high/low intensity is a standard feature on double and quad flash models
- Rugged die-cast aluminum base is protected with a powder coat finish
- Permanent mount with 1” pipe mount, flange mount, magnet mount

**Features**

- **Voltage:** permanent - 12-24V DC, magnet - 12V DC
- **Amp Draw:** 2.0 amps @ 12V DC

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**Strobe Beacons**

- Patented LED diagnostic indicator are standard
- Field selectable flash patterns via an internal jumper for double or quad flash (default quad flash)
- Photocell for automatic “night” mode switching
- Durable polycarbonate lens

**Model Numbers**

- 242CL
- 242CLM
- 242SFL
- 242CFL
- 242SL
- 242SLM

C - Tall lens, F - Flange mount, M - Magnet mount, S - Short lens

- **Lens Colors**

- RFI protection
- Rugged die-cast base is protected with a powder coat finish
- Standard 1” pipe mount
- Reverse polarity protected
- See pages 17 - 18 for Specifications and Approvals

**Dust Cover (Optional)**

**Branch Guards (Optional)**

Black powder coated steel

- **Replacement Parts** (* = color)

- Voltage: permanent - 12-24V DC, magnet - 12V DC
- Amp Draw: 2 amps @ 12V, 1 amp @ 24V DC

**Low Profile Strobe Beacons**

- Only 3” tall, will fit where other strobes will not
- Field selectable flash patterns via an internal jumper for single, double, or quad flash (default quad flash)
- RFI protection

**Model Numbers**

- 241S
- 241SF
- 241SM

S - Short lens, F - Flange mount, M - Magnet mount

- **Lens Colors**

- Selectable high/low intensity is a standard feature
- Permanent mount with 1” pipe mount, flange mount, magnet mount
- See pages 17 - 18 for Specifications and Approvals

**Replacement Parts** (* = color)

- Voltage: permanent - 12-24V DC, magnet - 12V DC
- Amp Draw: 1.2 amps @ 12V DC, 0.6 amps @ 24V DC
Low Profile Strobe Beacons

• Single or quad flash

Model Numbers
211R 211RM 211RMQ 211RQ
M - Magnet mount, Q - Quad flash

Features
• NeoForce™ magnet technology
• Molded rubber base to absorb shock and vibration and to prevent corrosion
• Magnet is concealed inside the molded rubber base and will not scratch the roof of your vehicle
• Permanent mount on two studs on 4 ¼” centers, magnet mount

211R
211RM
211RMQ
211RQ

Voltage: single - 12V DC only (available in 24V DC), quad - 12V DC only
Amp Draw: 0.5 amps @ 12V DC, 0.3 amps @ 24V DC

Replacement Parts (* = color)

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
Magnet 177

Model Numbers
200Z 200ZM 200ZMQ 200ZQ
M - Magnet mount, Q - Quad flash

Features
• Compact and powerful
• Ideal for construction, forklift, or many other applications
• Polycarbonate lens is clamped to the rugged die-cast aluminum base with a fully gasketed aluminum retaining ring to enhance water resistance
• Permanent mount with ½” pipe mount, magnet mount
• Magnet mount includes metal disk with hook and loop fasteners for easy dash mounting
• Available in 110V AC

200Z
200ZM
200ZMQ
200ZQ

Voltage: 12V DC (24V only available in single flash), 110V AC
Amp Draw: 0.5 amps @ 12V DC, 0.3 amps @ 24V DC

Replacement Parts (* = color)

Lens 330- *
Strobe tube 129-Z
Circuit (single flash) 181-Z12
Circuit (quad flash) 181-ZQ12
Cig. plug with lighted on/off switch 176-SW
Gasket 381
Clamp ring 365-Z
Magnet 177
Eye shield 386

Model Numbers
201Z 201ZM 201ZMQ 201ZQ
M - Magnet mount, Q - Quad flash

Features
• Small, dynamic, low profile strobe
• Quick-snap lens, high impact resistant base assembly for field repairs
• Permanent mount with ½” pipe mount, magnet mount
• Magnet mount includes metal disk with hook and loop fasteners for easy dash mounting
• Available in 110V AC

201Z
201ZM
201ZMQ
201ZQ

Voltage: 12V DC (24V only available in single flash), 110V AC
Amp Draw: 0.5 amps @ 12V DC, 0.3 amps @ 24V DC

Replacement Parts (* = color)

Lens 330-1
Strobe tube 129-Z
Circuit (single flash) 181-Z12
Circuit (quad flash) 181-ZQ12
O-ring gasket 381-1
Magnet 177
Cig. plug with lighted on/off switch 176-SW
Eye shield 386

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Low Profile Strobe Beacons

Model Numbers

203MV 203MVM

M - Magnet mount

Features

• Compact, low profile strobe ideal for many applications

Model Numbers

204MV

Features

• Space saving solution, fits almost anywhere

Strobe Beacons

• Single or quad flash (200J)
• Designed for special application needs
• 200U is designed for indoor use with an AC current

Model Numbers

200J 200J-1 200JQ 200JQ-1 200U 200U-1

1 - Outer dome, J - 12V model, Q - Quad flash, U - 110V model

Voltage: 10-72V DC Amp Draw: 0.5 amps

Lens Colors

Base

Replacement Parts (* = color)

Lens 320-*
Strobe tube 129-Z
Circuit (10-72V DC) 181-TMV

Mounting

Voltage: 10-110V DC, 120V AC available Amp Draw: 0.5 amps

Lens Colors

Base

Replacement Parts (* = color)

Lens 234-*
Strobe tube 129-L

Mounting

Voltage: 10-110V DC, 120V AC available Amp Draw: 0.5 amps

Lens Colors

Base

Replacement Parts (* = color)

Outer dome 325-L-*
Lens 333-*
Strobe tube (200J) 129-Z
Strobe tube (200U) 129-U
Circuit (single flash 200J) 181-Z-12
Circuit (quad flash 200J) 181-ZQ-12
Circuit (single flash 200U) 181-U-110

Mounting

Low profile Strobe Beacons

• Durable polycarbonate, twist on/off lens and base with flange
• See pages 17 - 18 for Specifications and Approvals

Mounting Base

Features

• Durable polycarbonate, twist on/off lens and base with flange
• See pages 17 - 18 for Specifications and Approvals

Mounting Base

Features

• Durable polycarbonate, twist on/off lens and base with flange
• See pages 17 - 18 for Specifications and Approvals

Mounting Base

Features

• Durable polycarbonate, twist on/off lens and base with flange
• See pages 17 - 18 for Specifications and Approvals
### Strobe Beacons

#### 735PS

**Model Numbers**
- 735PS
- 735PSM

**PS** - Portable strobe, **M** - Magnet mount

**Features**
- Convenient portable strobe
- Single flash
- 360° lens allows for visibility uni-directional
- Constructed with a high impact, Safety Orange, plastic base
- Economic battery operation (approx. 40 hours)
- These lights are not Coast Guard approved

#### 845S

**Model Numbers**
- 845S
- 845SQ

**Q** - Quad flash

**Features**
- Self-contained, uni-directional strobes
- RFI protection is available for quad flash
- Fully encapsulated circuitry for weather and shock resistance
- Fully gasketed, rugged anodized aluminum case

---

#### Specifications

**735PS**

**Top:** 11 ¼”H, 4 ½”Dia.

**Base:** 3 ½”D

**Lens Colors**

- Voltage: two 6V spring terminal batteries (not included)
- Amp Draw: 0.5 amps

**Replacement Parts (” = color)**
- Lens: 300-*
- Strobe tube: 129-Z
- Circuit: 181-Z-12
- Battery: 8100
- Handle: 202-104-1

**845S**

**Top:** 3 5/16”H, 8 ¼”Dia.

**Base:** 3 ½”D

**Lens Colors**

- Voltage: single flash - 12V, 24V, 36V, 48V, 72V DC, quad flash - 12-24V DC
- Amp Draw: 0.5 amps @ 12V DC, 0.3 amps @ 24V DC

**Replacement Parts (” = color)**
- Lens: 8888-*
- Strobe tube: 129-R
- Circuit (single flash): 181-S-12
- Circuit (quad flash): 181-SDQ4-12

---

#### Model Numbers

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Joules</th>
<th>Weight</th>
<th>Warranty</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>200A, 200ADH, 200AQH</td>
<td>12-24V DC</td>
<td>2 amps @ 12V DC</td>
<td>S - 11.35 @ 100 fpm, D - 18.7 @ 65 dpf or Q, @ 17.6 @ 75 dfpm, high power D/Q - 23</td>
<td>4</td>
<td>1</td>
<td>SAE J1318, Class I - D/Q (A, B, C), Class II - D/Q (R)</td>
</tr>
<tr>
<td>200B, 200BDH, 200BQH</td>
<td>12-24V DC</td>
<td>2 amps @ 12V DC</td>
<td>S - 11.35 @ 100 fpm, D - 18.7 @ 65 dpf or Q, @ 17.6 @ 75 dfpm, high power D/Q - 23</td>
<td>4</td>
<td>1</td>
<td>SAE J1318, Class I - D/Q (A, B, C), Class II - D/Q (R)</td>
</tr>
<tr>
<td>200C, 200CF</td>
<td>12-24V DC</td>
<td>2 amps @ 12V DC</td>
<td>D/Q - 23 @ 65 dpf or Q, @ 75 dfpm, high power D/Q - 23</td>
<td>4</td>
<td>1</td>
<td>SAE J1318, Class I - D/Q (A, B, C), Class II - D/Q (R)</td>
</tr>
<tr>
<td>200E</td>
<td>110-120V AC</td>
<td>2 amps @ 12V DC</td>
<td>high power - 3.2 amps @ 12V DC</td>
<td>8</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>200J, 200J-1, 200JQ, 200JQ-1</td>
<td>S - 12V DC (24V, 36V, 48V DC), Q - 12V DC</td>
<td>0.5 amps @ 12V DC</td>
<td>S - 11.35 @ 100 fpm, D - 18.7 @ 65 dpf or Q, @ 17.6 @ 75 dfpm, high power D/Q - 23</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>200S, 200SM</td>
<td>12-24V DC</td>
<td>2 amps @ 12V DC</td>
<td>S - 11.35 @ 100 fpm, D - 18.7 @ 65 dpf or Q, @ 17.6 @ 75 dfpm, perm. - 3 magnet - 1</td>
<td>1</td>
<td>SAE Class II (1, A, B, R, C)</td>
<td></td>
</tr>
<tr>
<td>200U, 200U-1</td>
<td>110-120V AC</td>
<td>0.1 amps @ 110V AC</td>
<td>S - 3, Q - 3.8</td>
<td>14</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>200Z, 200ZM, 200ZMQ, 200ZQ</td>
<td>S - 12V, 24V, 36V, 48V, 110V, Q only - 12V DC only</td>
<td>0.5 amps @ 12V DC</td>
<td>S - 3, Q - 3.8</td>
<td>1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>201Z, 201ZM, 201ZMQ, 201ZQ</td>
<td>S - 12V DC only (available in 24V, 36V, 48V DC or 110-120V, 220V AC), Q - 12V DC only</td>
<td>0.5 amps @ 12V DC</td>
<td>S - 3, Q - 3.85</td>
<td>1</td>
<td>1</td>
<td>N/A</td>
</tr>
</tbody>
</table>

---

**Replacement Parts**

- **Lenses:**
  - Lens: 300-*
  - Strobe tube: 129-Z
  - Circuit (single flash): 181-Z-12
  - Circuit (quad flash): 181-SDQ4-12

- **Replacement Parts:**
  - Lens: 8888-*
  - Strobe tube: 129-R
  - Circuit (single flash): 181-S-12
  - Circuit (quad flash): 181-SDQ4-12

---

*See page 18 for Specifications and Approvals*
### Strobe Beacons Specifications Continued

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Joules (fpm - flashes per minute)</th>
<th>Weight (lbs.)</th>
<th>Warranty (years) Refer to page</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>203MV, 203MVM</td>
<td>10-72V DC</td>
<td>0.5 amps @ 12V DC</td>
<td>1.75</td>
<td>perm. - 1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>204MV</td>
<td>10-110V DC</td>
<td>0.5 amps @ 12V DC</td>
<td>1.75</td>
<td>1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>211R, 211RM, 211RMQ, 211RQ</td>
<td>S - 12V DC only (available in 24V DC), Q - 12V DC only</td>
<td>0.5 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>S - 3, Q - 3.8</td>
<td>perm. - 3 magnet - 4</td>
<td>1</td>
<td>Class II (A, B, C, R) S/D/Q, Class I (A, B, C) D/Q, Class II (R) D/Q</td>
</tr>
<tr>
<td>240C, 240CF, 240CM</td>
<td>12-24V DC magnet - 12V DC</td>
<td>2 amps @ 12V DC</td>
<td>S - 11.35 @ 100 fpm, D - 18.7 @ 65 dfpm, Q - 17.6 @ 75 dfpm</td>
<td>perm. - 3 magnet - 4</td>
<td>1</td>
<td>Class II (A, B, C, R) S/D/Q, Class I (B) Q, Class II (A, C, R) Q</td>
</tr>
<tr>
<td>240S, 240SF, 240SM</td>
<td>12-24V DC magnet - 12V DC</td>
<td>2 amps @ 12V DC</td>
<td>S - 11.35 @ 100 fpm, D - 18.7 @ 65 dfpm, Q - 17.6 @ 75 dfpm</td>
<td>perm. - 2 magnet - 3</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>241S, 241SF, 241SM</td>
<td>12-24V DC magnet - 12V DC</td>
<td>1.2 amps @ 12V DC, 0.6 amps @ 24V DC</td>
<td>S - 11.35 @ 100 fpm, D - 18.7 @ 65 dfpm, Q - 17.6 @ 75 dfpm</td>
<td>perm. - 2 magnet - 3</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>242CL, 242CFL, 242CLM</td>
<td>12-24V DC magnet - 12V DC</td>
<td>2 amps @ 12V DC, 1 amp @ 24V DC</td>
<td>Q - 19.5</td>
<td>perm. - 3 magnet - 4</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>242SL, 242SFL, 242SLM</td>
<td>12-24V DC magnet - 12V DC</td>
<td>2 amps @ 12V DC, 1 amp @ 24V DC</td>
<td>Q - 19.5</td>
<td>2</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>250A, 250ADH, 250AH, 250AQH</td>
<td>S - 12V DC, D/Q - 12-24V DC</td>
<td>S - 3.6 amps @ 12V DC, D/Q - 3.2 amps @ 12V DC</td>
<td>S - 20, D/Q - 23</td>
<td>5</td>
<td>1</td>
<td>Class I (A)</td>
</tr>
<tr>
<td>250C, 250CDH, 250CH, 250CQH</td>
<td>S - 12V DC, D/Q - 12-24V DC</td>
<td>S - 3.6 amps @ 12V DC, D/Q - 3.2 amps @ 12V DC</td>
<td>S - 20, D/Q - 23</td>
<td>5</td>
<td>1</td>
<td>Class I (A)</td>
</tr>
<tr>
<td>250S, 250SDH, 250SH, 250SQH</td>
<td>S - 12V, D/Q - 12-24V DC</td>
<td>S - 3.6 amps @ 12V DC, D/Q - 3.2 amps @ 12V DC</td>
<td>S - 20, D/Q - 23</td>
<td>5</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>255HTC, 255HTCM, 255HTCV</td>
<td>permanent - 12-24V DC magnet - 12V DC</td>
<td>2 amps @ 12V DC, 1 amp @ 24V DC</td>
<td>Q - 19.5</td>
<td>perm. - 4, magnet - 7, v - 9</td>
<td>1</td>
<td>Class I (A, B, C), Class II (R),</td>
</tr>
<tr>
<td>255TC, 255TCV, 255TV, 255TSM, 255TQV</td>
<td>permanent - 12-48V DC magnet - 12V DC</td>
<td>1.2 amps @ 12V, 0.6 amps @ 24V, 0.3 amps @ 36V, 0.175 amps @ 48V DC</td>
<td>S - 3.5, D - 7, Q - 10, perm. S - 3, C - 4, magnet - S - 6, C - 7, v - S - 8, C - 9</td>
<td>1</td>
<td>Class II (A, B, C, R)</td>
<td></td>
</tr>
<tr>
<td>257HTC, 257HTS</td>
<td>12-24V DC</td>
<td>2 amps @ 12V DC, 1 amp @ 24V DC</td>
<td>S - 3.5, D - 7, Q - 10, S - 3, C - 4</td>
<td>1</td>
<td>Class I, Class II (R), Q (A, B, C)</td>
<td></td>
</tr>
<tr>
<td>257TC, 257TS</td>
<td>12-48V DC</td>
<td>1.2 amps @ 12V, 0.6 amps @ 24V, 0.3 amps @ 36V, 0.175 amps @ 48V DC</td>
<td>S - 3.5, D - 7, Q - 10</td>
<td>S - 3, C - 4</td>
<td>(TC) Class I (A, B, C), Class II (R) (TS) Class I (B), Class II (A, C, R)</td>
<td></td>
</tr>
<tr>
<td>735PS</td>
<td>two 6V spring terminal batteries (not included)</td>
<td>0.5 amps @ 12V DC</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>84S</td>
<td>S - 12V DC (available 24V, 36V, 48V, 72V DC), Q - 12 - 24V DC</td>
<td>0.5 amps @ 12V DC, 0.3 amps @ 24V DC</td>
<td>S - 8.3, Q - 17.3</td>
<td>3</td>
<td>1</td>
<td>CFR 49 (Code of Federal Regulations), Part 221 (R)</td>
</tr>
</tbody>
</table>
### Revolving Beacons

#### 450

**Model Numbers**

- 450A
- 450B
- 450AH
- 450BH

**Features**

- Built with a heavy duty spun aluminum base with 1” pipe mount plastic insert base
- Halogen or incandescent bulb available

**Voltage**:

- 12V DC

**Amp Draw**:

- Halogen - 4.0 amps (50 watts), incandescent - 2.7 amps (35 watts)

#### 455BH

**Model Numbers**

- 455BH
- 455BHF
- 455BH

**Features**

- Patented shock mounted rotators with two sealed roller bearings provide quiet, smooth, maintenance free operation
- Lock-and-stay bulbs are field replaceable
- Durable polycarbonate plastic outer domes keep our lights corrosion, weather, and impact resistant

**Replacement Parts**

- **Lens**
  - 134-L-
- **Bulb (12V halogen)**
  - 2073-795X
- **Bulb (incandescent)**
  - 2073-1195
- **Rotator assembly**
  - 920-0
- **Fast rotator assembly**
  - 920-0F
- **Magnet**
  - 177

**Lens Colors**

- Red
- Amber
- Blue
- Green
- White

**Filter Colors**

- Red
- Amber
- Blue
- Green
- White

### 20RH, 20RI

**Model Numbers**

- 20RH
- 20RHF
- 20RHM
- 20RI
- 20RIF
- 20RIM

**Features**

- Patented shock mounted rotators with two sealed roller bearings provide quiet, smooth, maintenance free operation
- Lock-and-stay bulbs are field replaceable
- Durable polycarbonate plastic outer domes keep our lights corrosion, weather, and impact resistant

**Replacement Parts**

- **Lens**
  - 325-L-
- **Bulb (12V halogen)**
  - 2073-795X
- **Bulb (12V incandescent)**
  - 2073-1195
- **Bulb (24V incandescent)**
  - 2073-1638
- **Bulb (36V incandescent)**
  - 2073-1062
- **Bulb (120V incandescent)**
  - 2073-40T8DC
- **Cig. plug with lighted on/off switch**
  - 176-SW
- **Rotator assembly**
  - 920-100-
- **Rotator assembly**
  - 920-0
- **Fast rotator assembly**
  - 920-0F
- **Clamp ring**
  - 4123
- **Base**
  - 4100
- **Rotator**
  - 920-0
- **Fast rotator**
  - 920-0F

**Lens Colors**

- Red
- Amber
- Blue
- Green
- White

**Filter Colors**

- Red
- Amber
- Blue
- Green
- White

**Voltage**:

- 12V, 24V, 36V DC, 120V AC

**Amp Draw**:

- Halogen - 4.0 amps (50 watts), incandescent - 2.7 amps (35 watts)
### Revolving Beacons

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Amp Draw (H - Halogen, I - Incandescent)</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>20RH, 20RHF, 20RHM</td>
<td>12V DC</td>
<td>H - 4.0 amps @ 12V DC (50 watts)</td>
<td>2</td>
<td>1</td>
<td>SAE J845 Class I (A, B, C, R)</td>
</tr>
<tr>
<td>20RI, 20RIF, 20RIM</td>
<td>12V DC</td>
<td>I - 2.7 amps @ 12V DC (35 watts)</td>
<td>2</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>450BH, 450BH</td>
<td>12V DC</td>
<td>H - 4.0 amps @ 12V DC (50 watts)</td>
<td>3</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>450BH, 455BH, 455BH</td>
<td>12V DC</td>
<td>I - 2.7 amps @ 12V DC (35 watts)</td>
<td>3</td>
<td>1</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Halogen Dash Lights

**Model Numbers**
- **1188H**
- **1188HM**

**Features**
- Most compact portable emergency dash light
- 27 watt halogen bulb combined with a highly polished reflector gives this light a high intensity flash

**1188HM**

**Specifications**
- Voltage: 12V DC
- Amp Draw: 4.0 amps

**Mounting**

**Replacement Parts** (* = color)
- Lens
- Bulb (halogen)
- Bulb (incandescent)
- Cig. plug with lighted on/off switch
- Vinyl shield

**Lens Colors**
- [Color Options]

**1166HM**

**Model Numbers**
- **1166HM**
- **1166IM**

**Features**
- Aerodynamic light is ideal for unmarked cars or volunteers
- 27 watt halogen bulb or incandescent bulb available

**Specifications**
- Voltage: 12V DC
- Amp Draw: halogen - 4.0 amps, incandescent - 2.7 amps

**Mounting**

**Replacement Parts** (* = color)
- Lens
- Bulb (halogen)
- Bulb (incandescent)
- Cig. plug with lighted on/off switch
- Vinyl shield
- Clamp ring

**Lens Colors**
- [Color Options]

### Hot Shot II

**274-874 Suction Cup Bracket**
- Dimensions: 4 ¾"H x 10 ½"W x 5"D
- Weight: 4 lbs.

**Specifications**
- Model # | Voltage | Amp Draw | Weight (lbs.) | Warranty (years) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1166IM</td>
<td>12V DC</td>
<td>2.7 amps @ 12V DC</td>
<td>2.5</td>
<td>1</td>
</tr>
<tr>
<td>1166HM</td>
<td>12V DC</td>
<td>4.0 amps @ 12V DC</td>
<td>2.5</td>
<td>1</td>
</tr>
<tr>
<td>1168H</td>
<td>12V DC</td>
<td>2.1 amps @ 12V DC</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>1188HM</td>
<td>12V DC</td>
<td>2.1 amps @ 12V DC</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>274-874</td>
<td>N/A</td>
<td>N/A</td>
<td>4</td>
<td>N/A</td>
</tr>
<tr>
<td>274-875</td>
<td>N/A</td>
<td>N/A</td>
<td>4</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Flashing Beacons - Very Low Profile

### Features
- Very low profile, most popular flashing incandescent lights
- Polycarbonate lens is clamped to the rugged die-cast aluminum base
- Fully gasketed aluminum retaining ring to enhance water resistance

<table>
<thead>
<tr>
<th>Lens Colors</th>
<th>Voltage: 12V DC or 110V AC</th>
<th>Amp Draw: 1 amp @ 12V, 0.2 amps @ 110V AC</th>
</tr>
</thead>
</table>

#### Model Numbers
- **20ZI**
- **20ZIM**
  - **I** - Incandescent
  - **M** - Magnet mount

#### Replacement Parts
- Lens (20ZI) 330-*
- Bulb (12V DC) 2073-94
- Bulb (110-120V AC) 2073-15T7DC
- Circuit 181-Fi-12
- Cig. plug with lighted on/off switch 176-SW
- Clamp ring 365-Z
- Magnet 177

Flashing Beacons - Medium Profile

### Features
- Flashing incandescent light
- Polycarbonate lens is clamped to the rugged die-cast aluminum base
- Also available in steady burn
- Fully gasketed aluminum retaining ring to enhance water resistance
- See page 22 for Specifications

<table>
<thead>
<tr>
<th>Lens Colors</th>
<th>Voltage: 12V DC (available 24V, 36V, 48V, DC or 110-120V AC)</th>
<th>Amp Draw: 1 amp @ 12V, 24V, 36V, 48V DC, 0.2 amps @ 110-120V AC</th>
</tr>
</thead>
</table>

#### Model Numbers
- **20FI**
- **20FI-1**
  - **I** - Clear outer dome

#### Replacement Parts
- Outer dome 325-L-*
- Lens 333-*
- Bulb (12V DC) 2073-94
- Bulb (24V DC) 2073-1638
- Bulb (36V DC) 2073-1062
- Circuit 181-Fi-12
- Clamp ring 4123
- Base 4100

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Toll Free Fax Line: 888-478-2797 www.starheadlight.com
**FLAShING BeaCons - PortAbLe**

- Convenient portable strobe model, economically operating off two 6V batteries
- Photocell
- Three way switch (steady burn, flashing, on/off)
- Single tube provides 360° visibility from computer designed optics
- Finest lens in the industry (the largest we offer)
- Case material is ABS Safety Orange
- See below for Specifications

### Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight (lbs)</th>
<th>Warranty (years)</th>
<th>Refer to page</th>
</tr>
</thead>
<tbody>
<tr>
<td>735-FI-SB-PC</td>
<td>6V steady burn, flashing</td>
<td>0.07 amps @ 6V steady burn, 0.09 amps @ 6V flashing</td>
<td>3</td>
<td>1</td>
<td>81</td>
</tr>
</tbody>
</table>

**Replacement Parts (" = color)**

- **Lens**
  - 300-*
- **Flashing assembly**
  - 7130-2FSBFC
- **Switch**
  - 8222
- **Handle**
  - 202-104-1
- **Battery**
  - 8100

**Flashing BeaCons - LED Lights**

- Flat front design hugs window for minimal flashback; great for side and rear vertical windows
- Adhesive mount hood included for front windshield mounting
- 12 different selectable flash patterns in either of two phases, plus steady-on
- Perfect for undercover or unmarked vehicles
- Ratchet clip mounts allow for angle adjustability
- Extremely lightweight!
- For interior applications only
- Extremely thin profile
- See page 34 for Specifications and Approvals

### LED Lights

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Side View</th>
<th>Top View</th>
<th>Replacement Parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>ULB9E</td>
<td>10-16V DC</td>
<td>0.4 amps</td>
<td>1 3/16”D</td>
<td>1 15/16”H</td>
<td>920-PAT20LO, ULB9-HOOD, ULB9-HOOD-1</td>
</tr>
<tr>
<td>ULB9E-1</td>
<td>10-16V DC</td>
<td>0.4 amps</td>
<td>1 3/16”D</td>
<td>1 15/16”H</td>
<td>920-PAT20LO, ULB9-HOOD, ULB9-HOOD-1</td>
</tr>
<tr>
<td>RLKULB9E-1</td>
<td>10-16V DC</td>
<td>0.4 amps</td>
<td>1 3/16”D</td>
<td>1 15/16”H</td>
<td>920-PAT20LO, ULB9-HOOD, ULB9-HOOD-1</td>
</tr>
</tbody>
</table>

**Features**

- Eight mid power LEDs
- ULB9E - equipped with on/off switch and pattern select on cig. plug
- ULB9E-1 - equipped with 12’ cable, synchronizable

**Mounting Kit**

- Deck mount
- Mirror mount
- Suction cup mount

**LED Colors**

- Red
- Amber
- Green
- Blue
- White
- Clear

**Lens Colors**

- Red
- Amber
- Yellow
- Blue
- Green
- Clear

**Flashing BeaCons - LED Lights**

- Convenient portable strobe model, economically operating off two 6V batteries
- Photocell
- Three way switch (steady burn, flashing, on/off)
- Single tube provides 360° visibility from computer designed optics
- Finest lens in the industry (the largest we offer)
- Case material is ABS Safety Orange
- See below for Specifications

### Specifications

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight (lbs)</th>
<th>Warranty (years)</th>
<th>Refer to page</th>
</tr>
</thead>
<tbody>
<tr>
<td>20FI</td>
<td>12V DC (available 110V AC)</td>
<td>1 amp @ 12V, 24V, 36V, 48V DC</td>
<td>3</td>
<td>1</td>
<td>81</td>
</tr>
<tr>
<td>20FI-1</td>
<td>12V DC (available in 24V, 36V, 48V DC or 110-120V, 220V AC)</td>
<td>1 amp @ 12V, 24V, 36V, 48V DC</td>
<td>3</td>
<td>1</td>
<td>81</td>
</tr>
<tr>
<td>20ZI, 20ZIM</td>
<td>12V DC (available 110V AC)</td>
<td>1 amp @ 12V</td>
<td>perm. - 2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>21ZI, 21ZIM</td>
<td>12V DC (available 110V AC)</td>
<td>1 amp @ 12V, 24V, 36V, 48V DC</td>
<td>perm. - 2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>735-FI-SB-PC</td>
<td>6V steady burn, flashing</td>
<td>0.07 amps @ 6V steady burn</td>
<td>3</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**Replacement Parts (" = color)**

- **Lens**
  - 300-*
- **Flashing assembly**
  - 7130-2FSBFC
- **Switch**
  - 8222
- **Handle**
  - 202-104-1
- **Battery**
  - 8100

**LED Lights**

- Flat front design hugs window for minimal flashback; great for side and rear vertical windows
- Adhesive mount hood included for front windshield mounting
- 12 different selectable flash patterns in either of two phases, plus steady-on
- Perfect for undercover or unmarked vehicles
- Ratchet clip mounts allow for angle adjustability
- Extremely lightweight!
- For interior applications only
- Extremely thin profile
- See page 34 for Specifications and Approvals

### LED Lights

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Side View</th>
<th>Top View</th>
<th>Replacement Parts</th>
</tr>
</thead>
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<td>10-16V DC</td>
<td>0.4 amps</td>
<td>1 3/16”D</td>
<td>1 15/16”H</td>
<td>920-PAT20LO, ULB9-HOOD, ULB9-HOOD-1</td>
</tr>
<tr>
<td>ULB9E-1</td>
<td>10-16V DC</td>
<td>0.4 amps</td>
<td>1 3/16”D</td>
<td>1 15/16”H</td>
<td>920-PAT20LO, ULB9-HOOD, ULB9-HOOD-1</td>
</tr>
<tr>
<td>RLKULB9E-1</td>
<td>10-16V DC</td>
<td>0.4 amps</td>
<td>1 3/16”D</td>
<td>1 15/16”H</td>
<td>920-PAT20LO, ULB9-HOOD, ULB9-HOOD-1</td>
</tr>
</tbody>
</table>

**Features**

- Eight mid power LEDs
- ULB9E - equipped with on/off switch and pattern select on cig. plug
- ULB9E-1 - equipped with 12’ cable, synchronizable

**Mounting Kit**

- Deck mount
- Mirror mount
- Suction cup mount

**LED Colors**

- Red
- Amber
- Green
- Blue
- White
- Clear

**Lens Colors**

- Red
- Amber
- Yellow
- Blue
- Green
- Clear
Mini Phantom LED Lights

- Extremely lightweight!
- For interior applications only
- Extremely thin profile
- See page 34 for Specifications and Approvals

**ULB9LDC**

- Flat front design hugs window for minimal flashback; great for side and rear vertical windows
- Adhesive mount hood included for front windshield mounting
- Perfect for undercover or unmarked vehicles
- Ratchet clip mounts allow for angle adjustability

**Features**
- Lineum X™ technology offers an all Dual-Function mini interior light
- 12 different selectable flash patterns in either of two phases, plus steady-on
- Also available in split colors
- 24 mid power LEDs
- White takedown/pursuits capabilities
- ULB9LDC - equipped with two button on/off switch cig. plug, pattern button on front of light
- ULB9LDC-1 - equipped with 12’ cable, synchronizable

**Voltage:** 10-16V DC  
**Amp Draw:** 0.4 amps

**LED Colors**

- Top View
- Side 1 ½”D  
- 10 15/16”W

**Model Numbers**
- **ULB9LDC**  
- **ULB9LDC-1**

**Mounting kit - sold separately 274-ULB9BKT**

- Deck mount  
- Mirror mount  
- (2) DL15-CUP Suction cup mount

**Replacement Parts**

- Cig. plug (dual power switch) 920-2PWR20-17
- Optional hood for deck, mirror, or suction mounts ULB9-HOOD
- Hood kit with adhesive window mount ULB9-HOOD-1

**ULB9S**

- Voltage: 10-16V DC  
- Amp Draw: 1.4 amps

**LED Colors**

- Top View
- Side 1 3/8”D  
- 10 3/16”W  
- 1 ½”H  
- 9 3/16”W - without adjustable ratchets

**Model Numbers**
- **ULB9S**  
- **ULB9S-1**  
- **FLKULB9S**  
- **RLKULB9S-1**

**Mounting kit - sold separately 274-ULB9BKT**

- Deck mount  
- Mirror mount  
- (2) DL15-CUP Suction cup mount

**Replacement Parts**

- Suction cup (one) DL15-CUP  
- Complete universal mount kit 274-ULB9BKT  
- Cig. plug with lighted on/off switch with pattern select 920-PAT20LO  
- Hood ULB9-HOOD  
- Hood kit with adhesive window mount ULB9-HOOD-1  
- Adhesive mount kit with extra wire hole (for FLK) ULB9-HOOD-2

**Features**
- Six Star Generation IV Starburst™ LEDs
- 35 customer selectable flash patterns for ULB9S
- 12 different selectable flash patterns in either of two phases, plus steady-on for ULB9S-1
- Hardwire version (ULB9S-1) is available for S-Link System™ synchronizing capabilities with other Star LED units
- Rear and front, two head kits are also available (RLKULB9S-1, FLKULB9S), offers 12 different selectable flash patterns in either of two phases, plus steady-on

**Windshield mount**
- **ULB9-HOOD-1** Included

**Amp draw will vary depending on the color of the LED and the flash pattern selected**
**MicroStar™**

- Ultra low profile
- Six super bright Star Generation V LEDs
- 12 different selectable flash patterns in either of two phases, plus steady-on
- S-Link System™ synchronizing capabilities with other Star LED units
- Current limit protection over entire operating voltage
- Robust design
- Rugged die-cast base
- Standard four wire hook up (power, ground, pattern, sync.)
- Endless mounting possibilities
- See page 34 for Specifications and Approvals

**Model Numbers**

<table>
<thead>
<tr>
<th>LED Type</th>
<th>DLITE</th>
<th>DLITE-9</th>
<th>DLITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>10-30V DC</td>
<td>Voltage</td>
<td>10-30V DC</td>
</tr>
<tr>
<td>Amp Draw</td>
<td>0.75 amps</td>
<td>Amp Draw</td>
<td>0.75 amps</td>
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**LED Colors**

- Red
- Yellow
- Blue
- Green

**Star Mini-Comet™**

- Maximum light output in a minimum package
- Six Star Generation IV LEDs
- 12 different selectable flash patterns in either of two phases, plus steady-on
- S-Link System™ synchronizing capabilities with other Star LED units
- Fully encapsulated circuitry within the housing for vibration and water resistance
- Lens has diffusing optics for wider coverage
- Can mount just about anywhere and can mount in any direction
- No need to install a separate flasher unit, it's built into a miniature housing
- Interior/exterior mount
- Kit includes a snap-on polycarbonate, Black (standard), Chrome, or White bezel that will hide screw heads for a clean install
- See page 34 for Specifications and Approvals

**Model Numbers**

<table>
<thead>
<tr>
<th>LED Type</th>
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<tbody>
<tr>
<td>C - Chrome bezel</td>
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**Replacement Parts**

<table>
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<tr>
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<th>P30019-144B</th>
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**DLS306**

- Maximum light output in a minimum package
- Six Star Generation IV LEDs
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- S-Link System™ synchronizing capabilities with other Star LED units
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</table>

Phone Number: 585-226-9500 www.starheadlight.com
**LED Lights**

**DLX3 LED Colors**
- Black
- Red
- Amber
- Green
- White

**DLX4, DLX6, and DLX6F LED Colors**
- Black
- Red
- Amber
- Green
- White
- Chrome
- Flush mount
- High power LED Amber only

**Voltage:**
- DLX3, DLX3H: 10-16V DC
- DLX4, DLX6, DLX6F: 10-30V DC

**Amp Draw:**
- DLX3: 0.29 amps
- DLX4: 0.7 amps @ 12V DC, 0.3 @ 24V DC
- DLX6, DLX6F: 0.9 amps @ 12V DC, 0.5 amps @ 24V DC

**Amp draw will vary depending on the color of the LEDs and the flash pattern selected.**

**Features**
- High intensity Star Generation IV LEDs
- Reverse polarity protected and current limit protection over the entire operating voltage
- S-Link System™ synchronizing capabilities with other Star LED units
- Versatile LED warning lights that are built with fully encapsulated circuitry
- For use in both interior or exterior applications
- See page 34 for Specifications and Approvals

---

**Model Numbers**

<table>
<thead>
<tr>
<th>DLX3</th>
<th>DLX4</th>
<th>DLX6</th>
<th>DLX6F</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLX3H-A</td>
<td>DLX4C</td>
<td>DLX6C</td>
<td></td>
</tr>
</tbody>
</table>

**Features**
- 3 - Three LEDs, 4 - Four LEDs, 6 - Six LEDs, C - Chrome bezel, F - Flush mount, H - High power LED Amber only

**Voltage:**
- DLX4-HK*-1, DLX4-HK2, DLX4-HK2-1, DLX6-HK*-1, DLX6-HK2, DLX6-HK2-1: 10-30V DC, DLX4-HK*, DLX6-HK*: 10-16V DC

**Amp Draw (per head):**
- DLX4: 0.7 amps @ 12V DC, 0.3 @ 24V DC
- DLX6: 0.9 amps @ 12V DC, 0.5 amps @ 24V DC

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

---

**Replacement Parts**

**Black bezel:** 30019-150B
**Chrome bezel:** 30019-150P
**White bezel:** 30019-150W

**Hardware kit for DLX3, DLX4, DLX6F:** S30017-38
**Hardware kit for DLX6:** S30017-39
**Snap in medium spread optic:** 136-4
**Snap in wide spread optic:** 136-6

---

**LED Colors**
- Black
- Red
- Amber
- Green
- White
- Chrome
- Flush mount
- High power LED Amber only

**Voltage:** DLX4-HK*-1, DLX4-HK2, DLX4-HK2-1, DLX6-HK*-1, DLX6-HK2, DLX6-HK2-1: 10-30V DC, DLX4-HK*, DLX6-HK*: 10-16V DC

**Amp Draw (per head):** DLX4: 0.7 amps @ 12V DC, 0.3 @ 24V DC, DLX6: 0.9 amps @ 12V DC, 0.5 amps @ 24V DC

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

---

**Replacement Parts**

**Black bezel:** 30019-150B
**Chrome bezel:** 30019-150P
**Cig. plug:** 920-PAT20LO
**Single hood:** P30019-234
**Double hood:** P30019-235
**Mounting kit for double hood:** 274-ULB9BKT
**Single hood mounting kit:** 274-DLX4-6-HK

---

**Model Numbers**

<table>
<thead>
<tr>
<th>DLX4-HK</th>
<th>DLX4-HK2</th>
<th>DLX6-HK</th>
<th>DLX6-HK2</th>
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</thead>
<tbody>
<tr>
<td>DLX4-HK-1</td>
<td>DLX4-HK2-1</td>
<td>DLX6-HK-1</td>
<td>DLX6-HK2-1</td>
</tr>
</tbody>
</table>

**Features**
- 1 - Hardwire, 2 - Dual, 4 - four LEDs, 6 - six LEDs, HK - Hood kit

**Features**
- 10 different selectable flash patterns in either of two phases, plus steady-on
- Shipped with a flashback hood that includes a cig. plug or 12’ wire harness
**LED - Brackets**

- **BB274-DLX-VC**  
  Visor clip mounting

- **274-DLX4-6-W**  
  Window mounting

- **274-DLX4-6-U**  
  L-bracket for universal mounting

- **274-DLX4-6-45**  
  45° angle mounting

- **274-DLX4-6-T**  
  Trunk mounting

- **BB274-DLX4-6-LPM**  
  Adjustable license plate mounting

- **274-DLX4-6-RL**  
  License plate mounting

- **BB274-DLX4-6-SLP**  
  Pickup rear window mounting

- **274-DLX4-6-H**  
  Headliner bracket for DLX4-HK, DLX4-HK2, DLX6-HK, and DLX6-HK2 series with a flashback hood

- **BB274-DLX6-BAIL**  
  Bail bracket mounting

- **BB274-DLX4-6-RHK**  
  License plate bracket holds two DLXTHU or DLXT units

- **BB274-DLXTHU-LPB**  
  License plate bracket holds six DLXT models, three on each side

- **BB274-DLXVC-LPB**  
  License plate bracket holds two DLXTHU or DLXT units

** versa STAR® Optional Brackets**

- **274-DLX4-6-1X2**  
  L-bracket for mounting two Versa Star® horizontally

- **274-DLX4-6-2X1**  
  L-bracket for mounting two Versa Star® vertically

- **274-DLX4-6-45**  
  45° angle mounting

- **274-DLX4-6-U**  
  L-bracket for universal mounting

- **274-DLX4-6-W**  
  Window mounting

- **BB274-DLX4-6-2X1**  
  L-bracket for mounting two Versa Star® vertically

- **BB274-DLX4-6-RL**  
  License plate mounting

- **BB274-DLX4-6-SLP**  
  Pickup rear window mounting

- **BB274-DLX4-6-H**  
  Headliner bracket for DLX4-HK, DLX4-HK2, DLX6-HK, and DLX6-HK2 series with a flashback hood

- **BB274-DLX4-6-LPM**  
  Adjustable license plate mounting

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- **274-DLX4-6-1X2**  
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- **274-DLX4-6-45**  
  45° angle mounting

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  L-bracket for universal mounting

- **274-DLX4-6-W**  
  Window mounting

- **BB274-DLX4-6-2X1**  
  L-bracket for mounting two Versa Star® vertically

- **BB274-DLX4-6-RL**  
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- **BB274-DLX4-6-SLP**  
  Pickup rear window mounting

- **BB274-DLX4-6-H**  
  Headliner bracket for DLX4-HK, DLX4-HK2, DLX6-HK, and DLX6-HK2 series with a flashback hood

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---

Phone Number: 585-226-9500 www.starheadlight.com
Only ½” thick!

DLXT, DLHT LED Colors

DLTT, DLNT LED Colors

DLNT-S Single Bezel LED Colors

DLNT-S Double Bezel LED Colors

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

DLXT
Auxiliary warning LED light, 10 different selectable flash patterns in either of two phases, plus steady-on

DLHT
Auxiliary hazard turn LED light, flasher in warning pattern overridden by turn signal output, flashes with turn signal input, 10 different selectable flash patterns in either of two phases, plus steady-on

DLTT
Auxiliary stop/tail/tturn light

DLNT
16 LED steady burn value head, for use as an auxiliary area light, compartment light, or dummy head

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

Model Numbers

DLXT-2CUST Indicate LED color and bezel color when ordering

DLXT-3CUST Indicate LED color and bezel color when ordering

Bezel Part Numbers

Part number Double Black bezel part number Double Chrome bezel part number Triple Black bezel part number Triple Chrome bezel part number

DLXT, DLHT, DLTT S30019-134 S30019-134P S30019-135 S30019-135P

DLNT S30019-134NE S30019-134NEP S30019-135NE S30019-135NEP

Features

- Black (standard), Chrome, or White bezels available
- Optional brackets are available for single bezels (page 26)
- Reverse polarity protected current limiting protection over the entire operating voltage
- See page 34 for Specifications and Approvals

Model Numbers

DLHT-121  DLNT-121  DLNT-122SC  DLTT-244

DLHT-121C DLNT-121C DLNT-124  DLXT-121

DLHT-124 DLNT-121S DLTT-121  DLXT-121C

DLHT-241 DLNT-121SC DLTT-241  DLXT-124

DLHT-244 DLNT-122S DLTT-244  DLXT-124C

C - Chrome, S - Single switch, DLHT - Auxiliary hazard turn, DLNT-121 - Single (Black or Chrome) switched bezel, DLNT-122 - Dual (Black or Chrome) switched bezel, DLTT - Auxiliary stop/tail/tturn, DLXT-121 - Rectangle bezel, DLXT-124 - Oval bezel

Voltage: 10-16V DC or 24V DC (available)
Amp Draw: 0.3 amps @ 12V DC, 0.2 amps @ 24V DC
**LED Lights**

- Only .84" thick
- Six high intensity Star Generation IV LEDs
- 12 different selectable flash patterns in either of two phases, plus steady-on
- S-Link System™ synchronizing capabilities with other Star LED units (DLXT only)
- Can be mounted just about anywhere, interior or exterior
- Can be mounted in a bezel, Chrome ring, grommet, or window mount
- Patent #D712, 086
- See page 34 for Specifications and Approvals

**Model Numbers**

| DLHTHR-1  | DLNTHR-1  | DLXTHR-4  | DLXTHU-7  |
| DLHTHR-4  | DLNTHU-5  | DLXTHR-5  | DLXTHU-8  |
| DLHTHR-8  | DLNTHU-4  | DLXTHR-7  | DLXTHU-9  |
| DLHTHU-1  | DLXTHR-1  | DLXTHU-8  | DLXTHUS-1 |
| DLHTHU-4  | DLXTHR-2  | DLXTHU-1  | DLXTHUS-4 |
| DLNTHR-1  | DLXTHR-3  | DLXTHU-2  |          |
| DLNTHR-4  | DLXTHR-3K | DLXTHU-4  |          |

1 - Bezel, 2 - Weatherproof connector, 3 - Tractor housing, 4 - Grommet, 5 - Chrome ring, 7 - Window bezel, 8 - Grommet and connector, 9 - Ambulance insert, DLXTHR - 4” round, DLXTHU - 6” oval, DLXTHUS - 6” oval split color, K - Kit, N - Steady burn, X - Flashing

**Optional Brackets**

- BKT3904 - Optional bracket for DLXTHR
- BKT3920 - Optional bracket for DLXTHU

**Voltage:** 10-30V DC  
**Amp Draw:** 0.54 amps

**Color choices may vary between product. Please call to confirm color availability.**

**DLXTH* Series Colors**

- C - Clear lens

**DLXTHUS Series Colors**

- Red
- Blue
- Green

**Optional Brackets**

- BKT3904 - Optional bracket for DLXTHR  
- BKT3920 - Optional bracket for DLXTHU

**Replacement Parts for DLXTHR**

- Round Black bezel: S30019-255  
- Round Chrome bezel: S30019-255P  
- Round White bezel: P30019-255W  
- Round Grommet: P30199-7  
- Round Chrome ring: P30019-99  
- Round Window bezel: S30019-260

**Replacement Parts for DLXTHU**

- Oval Black bezel: S30019-257  
- Oval Chrome bezel: S30019-257P  
- Oval White bezel: P30019-257W  
- Oval Grommet: P30199-5  
- Oval Window bezel: S30019-259

Phone Number: 585-226-9500 www.starheadlight.com
• High intensity Star Generation IV LEDs are self-contained
• Steady burn or flashing LED heads with built-in flashers
• S-Link System™ synchronizing capabilities with other Star LED units (LDHF models only)
• 20 customer selectable flash patterns in two phases plus steady-on (LDHF models only)

Steady Burn Colors

Flashers Colors

C - Clear lens

Voltage:
permanent 10-30V DC, magnet 10-16V DC

Amp Draw:
1.1 amps

Flashing Colors

Model Numbers
LDH-361-S LDH-363-S LDH-364-T LDHF364-T
LDH-361-T LDH-363-T LDHF362-E LDHT362-T
LDH-362-E LDH-363M-S LDHF362-T LDHT363-T
LDH-362-S LDH-363M-T LDHF363-E LDHT364-T
LDH-362-T LDH-364-E LDHF363-T
LDH-363-E LDH-364-S LDHF364-E

361 - Sealed beam replacement, 362 - Swivel mount,
363 - Rubber tractor mount, 364 - Rubber grommet mount,
E - Wide spread optics, LDH - Steady burn, LDHF - Flash,
LDHT - Hazard-Turn, M - Magnet mount, S - Spot optics,
T - Trapezoidal optics

Replacement Parts
Mounting hardware (LDH-363) S30017-33
Tractor housing P30146-16
Swivel mounting bracket 274-LDH-362
Rubber grommet P30199-7

Voltage: permanent 10-30V DC, magnet 10-16V DC
Amp Draw: 1.1 amps
LED LIGHTS

- High intensity Star Generation IV LEDs
- Customer selectable flash patterns
- Circuitry is encased in a rugged extruded aluminum housing for protection against shock and vibration
- Designed for dash, deck, window, mirror, or grille mounting
- Compact, durable, and powerful
- Offered in 6” or 12” widths and are rotationally adjustable
- Reverse polarity protection and auto voltage adjustment
-Rated for up to 100,000 hours of use with an extremely low amp draw
- Ideal for all types of emergency vehicles
- See page 34 for Specifications and Approvals

Voltage: 10-16V DC
Amp Draw: DL15-6 - 0.8 amps,
DL15-12 - 1.6 amps

★ High intensity Star Generation IV LEDs ★

Model Numbers
DL15-6  DL15-6W  DL15-12W
DL15-6GMB  DL15-6W-1K
DL15-6MMB  DL15-12
6 - 6”, 12 - 12”, GMB - Grille mount bracket, K - Kit,
MMB - Mirror mount bracket, W - Weatherproof
(interior/exterior)

LED Colors

DL15-6
Interior mount only, six LED array unit, cig. plug with lighted on/off switch, pattern select switch, 29 customer selectable flash patterns

DL15-6GMB
Interior/exterior mount, grille mount bracket, six LED array unit, weatherproof connector, 12’ three conductor cable, 29 selectable customer flash patterns

DL15-6MMB
Interior mount only, mirror mount bracket, six LED array unit, cig. plug with lighted on/off switch, pattern select switch, 29 customer selectable flash patterns

DL15-6W
Interior/exterior mount, six LED array unit, weatherproof 12’ three conductor cable, 29 customer selectable flash patterns

DL15-6W-1K
Interior/exterior mount synchronized kit, one pair of six LED array units (two DL15-6W-1 units can be synchronized for simultaneous or alternating flashing), weatherproof 12’ three conductor cable, 3 customer selectable flash patterns

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

DL15-12W
Interior/exterior mount, twelve LED array unit, weatherproof 12’ three conductor cable, 34 customer selectable flash patterns

Replacement Parts
Universal mount kit  DL15-BKT
Deck mount kit  DL15-SMTK
Suction cup kit (four)  DL15-CUPK
Suction cup (one)  DL15-CUP
Grille mount bracket kit  274-DL15GMB
Mirror mount bracket kit DL15-6  274-DL15MMB
Mirror mount bracket kit DL15-12  274-DL15MMB2

LED Lights
**LED Lights**

- Rear spoiler kit
- Quick and easy install
- Quick connectors on all heads
- Includes pre-wired harness
- OEM factory look once installed
- Configurable with any combination of BKDLX3, BKDLX4, and BKDLX6F products
- See page 34 for Specifications and Approvals

---

**SUV Rear Spoiler Kit**

- BBK6VER-1-TA-CUST

**Ford SUV Headlight Bracket**

- DLX3, DLX4, or DLX6F
- Model Numbers
  - BBK274-FISUV-VER
  - BBK6VER-1-TA-CUST

**Ford Police package head assembly**

- No drilling required
- Compatible with Star Constellation® series (sold separately)
- See page 34 for Specifications and Approvals

**Model Numbers**

- BBK6VER-1-FISUV-CUST
- BBK6VER-1-TA-CUST

**FISUV** - Ford SUV, **TA** - Chevy Tahoe

- Voltage: 10-30V DC
- Amp Draw: Varies with head selection

---

**Model Numbers**

- BBK274-FISUV-VER
- BBK6VER-1-TA-CUST

**FISUV** - Ford SUV

**Top View Harness**

**Mounting**

**LED lights purchased separately**

---

Toll Free Fax Line: 888-478-2797 www.starheadlight.com
• High intensity Star Generation IV LEDs
• 12 different selectable flash patterns in either of two phases, plus steady-on
• Fully encapsulated circuitry within housing for vibration and water protection
• S-Link System™ synchronizing capabilities with other Star LED units
• Interior/exterior mount
• Designed for flush or bracket mounting
• Versa Star® optional mounting brackets also available
• Includes 6” cable and connector
• Colors available: DLX3, DLX4, DLX6F

• 4 LED Star Halo® rotating version
• 12 customer selectable flash patterns, including steady-on
• Durable polycarbonate, twist on/off lens
• ¾” pipe mount version available
• Includes 18” head side cable and connector
• Heavy duty die cast base
• Voltage: 12-24V DC
• Color available

Choose up to 6 from the LED Category (max. two mini-bars)
Choose the Controller BKLD418-2
Choose up to 6 from the Wire Harness Category
**OMNI-DIRECTIONAL, MOUNTS IN ANY DIRECTION**

- Six Star Generation IV LEDs
- 12 different selectable flash patterns in either of two phases, plus steady-on
- Fully encapsulated circuitry within housing for vibration and water protection
- S-Link System™ synchronizing capabilities with other Star LED units
- Interior/exterior mount
- Includes 6" cable and connector
- Trapezoidal optics only for BKDLXTHR
- Colors available: [ ]

**M-TECH PLUS® LED TECHNOLOGY THAT PROVIDES A SUPERIOR 360° WARNING LIGHT IMAGE**

- M-Tech Plus® LED technology that provides a superior 360° warning light image
- 20 customer selectable flash patterns
- S-Link System™ synchronizing capabilities with other Star LED units
- Exterior mount
- Can only use BKSWH-357 cable with this model
- Includes 30" cable and connector
- Customer can remove dome to change pattern
- Colors available: [ ]

**SUPER BRIGHT M-TECH PLUS® LED TECHNOLOGY THAT PROVIDES A SUPERIOR WARNING LIGHT IMAGE**

- Super bright M-Tech Plus® LED technology that provides a superior warning light image
- S-Link System™ synchronizing capabilities with other Star LED units
- Exterior mount
- Includes 30" cable and connector
- Can only use BKSWH-357 cable with this model
- Shipped in quad flash only, other patterns not synchronizable
- Colors available: [ ]

**EIGHT STAR GENERATION IV LEDs**

- Eight Star Generation IV LEDs
- 12 different selectable flash patterns in either of two phases, plus steady-on
- Fully encapsulated circuitry within housing for vibration and water protection
- S-Link System™ synchronizing capabilities with other Star LED units
- Lightweight polycarbonate, flange three-hole permanent mount with 1" pipe mount
- Includes 18" cable and connector
- Colors available:

**CHOOSE UP TO 6 FROM THE LED CATEGORY (MAX. TWO MINI-BARS)**

Choose the Controller BKLD418-2

**CHOOSE UP TO 6 FROM THE WIRE HARNESS CATEGORY**
<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL15-12, DL15-12W</td>
<td>10-16V DC</td>
<td>DL15-12 - 1.6 amps @ 12V DC</td>
<td>&lt; 2</td>
<td>5</td>
<td>SAE J595 Class I (R, B), California Title 13 (R, B)*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DL15-6 - 0.8 amps @ 12V DC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DL15-6GB, DL15-6MB</td>
<td>10-16V DC</td>
<td>0.8 amps @ 12V DC</td>
<td>&gt; 2</td>
<td>5</td>
<td>SAE J595 Class I (R, B), California Title 13 (R, B)*</td>
</tr>
<tr>
<td>DL15-6W-1K</td>
<td>10-16V DC</td>
<td>0.8 amps @ 12V DC</td>
<td>&gt; 1</td>
<td>5</td>
<td>N/A</td>
</tr>
<tr>
<td>DLHT-121, DLHT-121C, DLHT-124, DLHT-241, DLHT-244</td>
<td>10-30V DC</td>
<td>0.54 amps @ 12V DC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DLTHTR-1, DLTHTR-4, DLTHTR-8, DLTHU-1, DLTHU-4</td>
<td>10-30V DC</td>
<td>0.54 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>SAE J595 Class I (A only), California Title 13 (A only)*</td>
</tr>
<tr>
<td>DLITE, DLITE-9, DLITS</td>
<td>10-30V DC</td>
<td>0.75 amps @ 12V DC</td>
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<tr>
<td>DLNT-121, DLNT-121C, DLNT-121S, DLNT-121SC, DLNT-122S, DLNT-122SC</td>
<td>10-16V DC</td>
<td>0.3 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>N/A</td>
</tr>
<tr>
<td>DLTHTR-1, DLTHTR-4, DLTHTR-5, DLTXHR-1, DLTXHR-2, DLTXHR-3, DLTXHR-4, DLTXHR-5, DLTXHR-7, DLTXHR-8</td>
<td>10-30V DC</td>
<td>0.54 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>(DLTX) SAE J595 Class I (A, W, BC, RC), DLTXHR Class I (A, BC, RC, W), Class II (R), California Title 13 (A, BC, RC)*</td>
</tr>
<tr>
<td>DLTHU-1, DLTHU-4, DLTHU-6, DLTHU-8, DLTHU-9</td>
<td>10-30V DC</td>
<td>0.54 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>(DLTX) SAE J595 Class I (A, W, BC, RC), DLTXHU Class I (A, BC, RC), Class II (R, W), California Title 13 (BC, RC)</td>
</tr>
<tr>
<td>DLT-121, DLT-124, DLT-241, DLT-244</td>
<td>10-16V DC</td>
<td>0.3 amps @ 12V DC</td>
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<tr>
<td>DLS306, DLS306C</td>
<td>10-30V DC</td>
<td>1.2 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>N/A</td>
</tr>
<tr>
<td>DLX3, DLX3H</td>
<td>10-16V DC</td>
<td>0.29 amps @ 12V DC</td>
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<tr>
<td>DLX4, DLX4C</td>
<td>10-30V DC</td>
<td>0.7 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>SAE J595 Class I (A, W, B, R), California Title 13 (B, R)*</td>
</tr>
<tr>
<td>DLX4-HK*-1, DLX4-HK2, DLX4-HK2-1</td>
<td>10-30V DC</td>
<td>0.7 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>SAE J595 Class I (A, W, B, R), California Title 13 (B, R)*</td>
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<td></td>
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<td>0.3 amp @ 24V DC</td>
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<tr>
<td>DLX6, DLX6C, DLX6F</td>
<td>10-30V DC</td>
<td>0.9 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>SAE J595 Class I (A, AB, AW, B, BW, R, RB, RW, W), California Title 13 (A, AB, AR, B, RB, R, RW, W)</td>
</tr>
<tr>
<td>DLX6-HK</td>
<td>10-16V DC</td>
<td>0.9 amps @ 12V DC</td>
<td>&lt; 2</td>
<td>5</td>
<td>SAE J595 Class I (A, AB, AR, AW, B, BW, R, RB, RW, W), California Title 13 (A, AB, AR, B, RB, R, RW, W)</td>
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<td></td>
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<td>0.5 amp @ 24V DC</td>
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<tr>
<td>DLX6-HK*-1, DLX6-HK2, DLX6-HK2-1</td>
<td>10-30V DC</td>
<td>0.9 amps @ 12V DC</td>
<td>&lt; 2</td>
<td>5</td>
<td>SAE J595 Class I (A, AB, AR, AW, B, BW, R, RB, RW, W), California Title 13 (A, AB, AR, B, RB, R, RW, W)</td>
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<tr>
<td></td>
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<td>(amp draw will vary with color)</td>
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<tr>
<td>DLX7-121, DLX-121C, DLX-124, DLX-124C, DLX-2CUST, DLX-3CUST</td>
<td>10-16V DC or 24V DC</td>
<td>0.3 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>SAE J595 Class II (A, R, B)*</td>
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<tr>
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<td></td>
<td>0.2 amps @ 24V DC</td>
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<tr>
<td>FLKULB9S, RLKULB9S-1</td>
<td>10-16V DC</td>
<td>1.4 amps @ 12V DC</td>
<td>5</td>
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<td>SAE J595 Class I (R, B, W), California Title 13* (R, B)</td>
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<td></td>
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<td>FLK - 1</td>
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<td>RLK - 2</td>
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<td>magnet</td>
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<td></td>
<td></td>
<td>10-16V DC</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>ULB9S, ULB9S-1</td>
<td>10-16V DC</td>
<td>1.4 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>Class I (R, B, W), CA Title 13 (R, B)</td>
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<tr>
<td>ULB9E, ULB9E-1</td>
<td>10-16V DC</td>
<td>0.4 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>SAE Class I (A, B, R, W), California Title 13* (A, R, B)</td>
</tr>
<tr>
<td>ULB9LDC, ULB9LDC-1</td>
<td>10-16V DC</td>
<td>1.3 amps @ 12V DC</td>
<td>&lt; 1</td>
<td>5</td>
<td>SAE Class I (A, B, R, W) Class II (RB)*, California Title 13 (A, R, B)</td>
</tr>
</tbody>
</table>
Remote Flashing LED Kits

- Self-contained, LED flashing circuitry
- 12 different selectable flash patterns in either of two phases, plus steady-on
- S-Link System™ synchronizing capabilities with other Star LED units
- Spherical LED heads are designed with diffusing optics for extremely wide angle light
- Optics boost and concentrate light for maximum LED output
- Easily installs in 1” mount holes
- Perfect for both new installs or as replacements for hide-a-way strobe heads
- Nickel plated aluminum housings allow for our advanced thermal heat management
- Customer changeable colored lenses (with white kit only), giving these LED lights versatility in the field
- See page 39 for Specifications

Lens Colors

Remote Flashing LED Kits

Model Numbers
LDHF301-*-10  LDHF311-*-10
LDHF301-*-30  LDHF311-*-30
10 - 10’ cable, 30 - 30’ cable, 301 - Directional head, 311 - Spherical head

replacement Parts (* = color)
Replacement head with connector LDH500C-*
Spherical replacement head with connector SLDH310C
Three color lens kit for spherical heads P30129-50K
Single color lens for spherical heads P30129-50*
Three color lens kit for directional heads P30129-47K
Single color lens for directional P30129-47*

Mounting: 1” hole
Voltage: 12-24V DC
Amp Draw: 0.5 amps per head

Toll Free Fax Line: 888-478-2797 www.starheadlight.com
Remote Flashing LED Kits

- Self-contained, LED flashing circuitry
- 11 different alternating patterns, 4 different simultaneous patterns in each of the two phases
- S-Link System™ synchronizing capabilities with other Star LED units
- Optics, boost and concentrate light for maximum LED output
- Easily replace standard hide-a-way remote strobe tubes with 1” mount holes

- Spherical LED heads are designed with diffusing optics for extremely wide angle light
- Nickel plated aluminum housings allow for our advanced thermal heat management
- Customer changeable colored lenses (with white kit only), giving these LED lights versatility in the field
- See page 39 for Specifications

Model Numbers
LDK302 LDK304 LDK312 LDK314
302 - Two directional head kit, 304 - Four spherical head kit, 312 - Two directional head kit, 314 - Four spherical head kit

Voltage: 12-24V DC
Amp Draw: 0.5 amps per head

Replacement Parts (* = color)
- Two output remote LED flasher LDF300
- Replacement head with connector LDH300C-*
- Spherical replacement head with connector SLDH310C
- Three color lens kit for spherical heads P30129-50K
- Single color lens for spherical heads P30129-50*
- Three color lens kit for directional heads P30129-47K
- Single color lens for directional P30129-47*

LDK302 Directional Head
LDK312 Spherical Head

Lens Colors

LDK302 Two head 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 Four head 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 Two head kit includes: 1 - flasher module, 1 - 4’ cable with attached connectors, 1 - 8’ cable with attached connectors, 2 - LED spherical head assemblies with 2’ leads and attached connectors
LDK314 Four head kit includes: 2 - flasher modules, 2 - 4’ cables with attached connectors, 2 - 8’ cables with attached connectors, 4 - LED spherical head assemblies with 2’ leads and attached connectors

LDH300C
LDH301C
Remote Kits

Features
- Optimax™ or the Star-Pak® - quality remote power supply kit that is built to last
- Power supplies offered in a wide range of output from 20 - 90 watts
- Can control two to six remote strobe heads or flash tubes
- 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
- See page 39 for Specifications

Model Number
RSK244P
244 - 75 watts, K - Kit

Features
- Optimax-VSD™
- Complete, powerful and economical choice for a four corner remote strobe system
- 6 selectable flash patterns along with head selection and day/night mode
- Power reduction to operating heads in case of head failure
- Ships complete with power and control leads, instructions

Flash Patterns
Single  Quad
Double  Quint
Triple  Random

Kit Includes  Qty  Description
RP244  1  75 watt remote power supply
ST415PC  4  Clear strobe tube assemblies
4415  2  15’ cable with attached connectors
4420  2  20’ cable with attached connectors
LT1511  1  Lighted toggle switch

Model Number
RSK242P
242 - 40 watts, K - Kit

Features
- Optimax-VSD™
- Ideal choice where only two Phantom strobe tubes are needed
- 6 selectable flash patterns along with a customer selectable day/night mode
- Ships complete with power and control leads, instructions

Remote Strobe Kits RSK244P

Optimax-VSD™

Phantom strobe tubes are designed to mount into headlight, tail light, or marker light housings
- Allows your vehicle to blend in with traffic until you are ready to be noticed

Flash Patterns
Single  Quad
Double  Quint
Triple  Random

Kit Includes  Qty  Description
RP242  1  40 watt remote power supply
ST415PC  2  Clear strobe tube assemblies
4415  2  15’ cable with attached connectors
LT1511  1  Lighted toggle switch
**Star-Pak® Remote Kits**

**RSK310P**

**Model Number**
RSK310P
310 - 24 watts, K - Kit

**Features**
- Strobe tube kit is an economical choice where only two Phantom™ strobe tubes are needed
- Uses the SP3860-2H switch panel
- Fully encapsulated circuitry resists elements

**Kit Includes**
- RP310 1 24 watt remote power supply
- ST415PC 2 Clear strobe tube assemblies
- 3814-240 2 20' cable with attached connectors
- SP3860-2H 1 Lighted toggle switch (on/off, high/low)

**RSK966P**

**Model Numbers**
RSK966P  RSK966P-4
4 - Four strobe tube assemblies, 966 - 60 watts, K - Kit

**Features**
- Incorporates six outlets with 24 customer selectable flash patterns all in a 60 watt system
- Multiple strobe head combinations can be enabled and a customer selectable day/night mode is included
- Auto-power reduction to operating heads in case of head failure
- RFI protection and Visual Diagnostics (VSD™)
- Ships complete with power and control leads, and instructions

**Kit Includes**
- RP966 1 60 watt remote power supply
- ST415PC 6 Clear strobe tube assemblies
- 4415 6 15' cable with attached connectors
- LT1511 1 Lighted toggle switch

**RSK996P**

**Model Numbers**
RSK996P  RSK996P-4
4 - Four strobe tube assemblies, 996 - 90 watts, K - Kit

**Features**
- Incorporates six outlets with 24 customer selectable flash patterns all in a 90 watt system
- Multiple strobe head combinations can be enabled and a customer selectable day/night mode is included
- Auto-power reduction to operating heads in case of head failure
- RFI protection, cooling fan, Visual Diagnostics (VSD™)
- Four head and six head kits are available

**Kit Includes**
- RP996 1 90 watt remote power supply
- ST415PC 6 Clear strobe tube assemblies
- 4415 6 15' cable with attached connectors
- LT1511 1 Lighted toggle switch


---

**Phone Number:** 585-226-9500  www.starheadlight.com
### Remote Kits and Heads

**Specifications**

One joule assimilates 100,000 peak candle power.

All remote power supplies are reverse polarity protected.

<table>
<thead>
<tr>
<th>Model # (* = color)</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDHF301-<em>-10, LDHF311-</em>-10</td>
<td>12-24V DC</td>
<td>0.5 amps per head</td>
<td>1.5</td>
<td>5</td>
</tr>
<tr>
<td>LDHF301-<em>-30, LDHF311-</em>-30</td>
<td>12-24V DC</td>
<td>0.5 amps per head</td>
<td>2.3</td>
<td>5</td>
</tr>
<tr>
<td>LDK302, LDK312</td>
<td>12-24V DC</td>
<td>0.5 amps per head</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>LDK304, LDK314</td>
<td>12-24V DC</td>
<td>0.5 amps per head</td>
<td>3.6</td>
<td>5</td>
</tr>
<tr>
<td>RP242</td>
<td>12-24V DC</td>
<td>4.2 amps @ 12V DC, 2.1 amps @ 24V DC</td>
<td>1.25</td>
<td>1</td>
</tr>
<tr>
<td>RP244</td>
<td>12-24V DC</td>
<td>7.8 amps @ 12V DC, 3.9 amps @ 24V DC</td>
<td>1.25</td>
<td>1</td>
</tr>
<tr>
<td>RP310</td>
<td>12-24V DC</td>
<td>2.5 amps @ 12V DC, 1.3 amps @ 24V DC</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>RP966</td>
<td>12-24V DC</td>
<td>7.8 amps @ 12V DC, 3.1 amps @ 24V DC</td>
<td>1.25</td>
<td>1</td>
</tr>
<tr>
<td>RP996</td>
<td>12-24V DC</td>
<td>9.4 amps @ 12V DC, 4.7 amps @ 24V DC</td>
<td>1.25</td>
<td>1</td>
</tr>
<tr>
<td>RSK242P</td>
<td>12-24V DC</td>
<td>4.2 amps @ 12V DC, 2.1 amps @ 24V DC</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>RSK244P</td>
<td>12-24V DC</td>
<td>7.8 amps @ 12V DC, 3.9 amps @ 24V DC</td>
<td>6.5 - four head kits 8 - six head</td>
<td>1</td>
</tr>
<tr>
<td>RSK310P</td>
<td>12-24V DC</td>
<td>2.5 amps @ 12V DC, 1.3 amps @ 24V DC</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>RSK966P, RSK966P-4</td>
<td>12-24V DC</td>
<td>7.8 amps @ 12V DC, 3.1 amps @ 24V DC</td>
<td>6.5 - four head kits</td>
<td>1</td>
</tr>
<tr>
<td>RSK996P, RSK996P-4</td>
<td>12-24V DC</td>
<td>9.4 amps @ 12V DC, 4.7 amps @ 24V DC</td>
<td>6.5 - four head kits</td>
<td>1</td>
</tr>
<tr>
<td>ST415P, ST413PA, ST413PB, ST413PR</td>
<td>N/A</td>
<td>N/A</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

*RP242 & RP244 defaulted for 5 flash patterns. The RP966 and RP996 are defaulted to the quad flash pattern. Other patterns are customer selectable.

**Pattern Select**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Power (watts)</th>
<th>Joules Primary</th>
<th>Joules 1(^{st})</th>
<th>Joules 2(^{nd})</th>
<th>Joules 3(^{rd})</th>
<th>Joules 4(^{th})</th>
<th>Total Output (joules)</th>
<th>Number of Outlets</th>
<th>High/Low Power Operation</th>
<th>Head Switching Option</th>
<th>Fuse Protected</th>
<th>Flash Rate* (flashes per minute)</th>
<th>Pattern Select</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP242</td>
<td>40</td>
<td>3.4</td>
<td>3.4</td>
<td>3.4</td>
<td>3.4</td>
<td>17.0</td>
<td>2</td>
<td>yes</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
<td>702 fpm</td>
<td>6</td>
</tr>
<tr>
<td>RP244</td>
<td>75</td>
<td>6.4</td>
<td>6.4</td>
<td>6.4</td>
<td>6.4</td>
<td>31.9</td>
<td>4</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>1410 fpm</td>
<td>6</td>
</tr>
<tr>
<td>RP310</td>
<td>24</td>
<td>7.8</td>
<td>3.5</td>
<td>N/A</td>
<td>N/A</td>
<td>11.3</td>
<td>2</td>
<td>yes</td>
<td>no</td>
<td>N/A</td>
<td>yes</td>
<td>512 fpm</td>
<td>2</td>
</tr>
<tr>
<td>RP966</td>
<td>60</td>
<td>5.5</td>
<td>3.8</td>
<td>3.8</td>
<td>3.8</td>
<td>20.7</td>
<td>6</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>2610 fpm</td>
<td>24</td>
</tr>
<tr>
<td>RP996</td>
<td>90</td>
<td>8.3</td>
<td>5.7</td>
<td>5.7</td>
<td>5.7</td>
<td>31.1</td>
<td>6</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>2610 fpm</td>
<td>24</td>
</tr>
</tbody>
</table>

*Flash rate depends on flash pattern

<table>
<thead>
<tr>
<th>Model #</th>
<th>Length</th>
<th>Light-Duty</th>
<th>Heavy-Duty</th>
<th>Shielded</th>
<th>Connector Pack-Side</th>
<th>Connector Head-Side</th>
</tr>
</thead>
<tbody>
<tr>
<td>3814</td>
<td>specify*</td>
<td>X</td>
<td>amp</td>
<td>weatherproof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3820</td>
<td>specify*</td>
<td>X</td>
<td>amp</td>
<td>weatherproof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3821</td>
<td>specify*</td>
<td>X</td>
<td>amp</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4415</td>
<td>15'</td>
<td>X</td>
<td>X</td>
<td>amp</td>
<td>amp</td>
<td></td>
</tr>
<tr>
<td>4420</td>
<td>20'</td>
<td>X</td>
<td>X</td>
<td>amp</td>
<td>amp</td>
<td></td>
</tr>
<tr>
<td>4425</td>
<td>25'</td>
<td>X</td>
<td>X</td>
<td>amp</td>
<td>amp</td>
<td></td>
</tr>
<tr>
<td>4430</td>
<td>30'</td>
<td>X</td>
<td>X</td>
<td>amp</td>
<td>amp</td>
<td></td>
</tr>
</tbody>
</table>

**Cable Lengths:** 120", 140", 180", 240", 300*
**LED Traffic Directors**

- **Lineum X™ optics**
- **Ninety-six mid power LEDs (eight modules)**
- Meets Class I on its own and as a system when properly configured
- **Extremely weather resistant**
- **Polycarbonate face**

- **Control unit is micro-processor controlled with tactile front**
- **Heavy duty anodized black aluminum extruded housing will not warp, bend, or corrode**
- **Mounting option features offer the best in the industry**
- **See page 44 for Specifications and Approvals**

### Model Numbers

| TDLIN-36-15 | TDLIN-47-30 | TDLIN24-47-30 |
| TDLIN-36-30 | TDLIN-47-45 |
| TDLIN-47-15 | TDLIN-47-60 |

**Cable Lengths:** 15', 30', 45', 60'

**Voltage:** 12V or 24V DC

**Amp Draw:**
- 1.1 amps @ 12V DC
- 0.5 amps @ 24V DC

### Lens Color

- **TDLIN-36**

### Add On

- Multi-feature controller TDC-3

### Model Numbers

| TD93-36-15 | TD93-47-15 | TD93-47-45 |
| TD93-36-30 | TD93-47-30 | TD93-47-60 |

**Cable Lengths:** 15', 30', 45', 60'

**Voltage:** 10-16V DC

**Amp Draw:** 1.1 amps @ 12V DC

### Lens Color

- **TD77-2**

### Replacement Parts

- TD93 LED stick only TD93-1
- Control unit TD77-2
- TD93 L-bracket mount kit 274-LLBK

### Add On

- Multi-feature controller TDC-3
LED Traffic Directors

- Made from durable extruded aluminum, these Traffic Directors will not warp or bend
- Micro-processor control unit offers four modes with distinctive flash options

LED Colors
[Diagram of LED colors]

Cable Lengths: SWH-271-ARO-* (* = 15', 30', 45', 60')

TD93DLXT - 48” only
ARO end Stick Lengths: 48”, 60”, 72”, 84”, 96”

Voltage: 10-16V DC (available 24V DC, TD93DLXT only)
Amp Draw: TD93DLXT - 2.7 amps, TD93DLXT24 - 2.4 amps, TD93DLXTARO 3.6 amps, TD93DLXTARO-S - 4.1 amps, TD93DLXTARO2 - 5.4 amps

Model Numbers
TD93DLXT TD93DLXTARO TD93DLXTARO2-S TD93DLXT24 TD93DLXTARO TD93DLXTARO2-S

24 - 24V, ARO - Arrow ends with four LED heads, ARO2 - Eight head arrow Traffic Director, DLXT - DLXT heads, S - Split Traffic Director

Features
- “Front load” for easy replacement of individual heads
- Modes: left arrow, right arrow, center out, and warn (alternating)
- TD93DLXT - Traffic Director with eight LED heads
- Ships complete with back lit control unit, attached quick-disconnect wire harness (15’ standard), L-brackets, hardware, and instructions

Voltage: 10-16V DC
Amp Draw: TD93DLXT - 2.7 amps, TD93DLXT24 - 2.4 amps, TD93DLXTARO 3.6 amps, TD93DLXTARO-S - 4.1 amps, TD93DLXTARO2 - 5.4 amps

Model Numbers
TD93DLXT TD93DLXTARO TD93DLXTARO2-S TD93DLXT24 TD93DLXTARO TD93DLXTARO2-S

24 - 24V, ARO - Arrow ends with four LED heads, ARO2 - Eight head arrow Traffic Director, DLXT - DLXT heads, S - Split Traffic Director

Features
- “Front load” for easy replacement of individual heads
- Modes: left arrow, right arrow, center out, and warn (alternating)
- TD93DLXT - Traffic Director with eight LED heads
- Ships complete with back lit control unit, attached quick-disconnect wire harness (15’ standard), L-brackets, hardware, and instructions

Replacement Parts
TD93DLXT LED stick only TD93DLXT-1
Control unit TD77-2
TD93DLXT L-bracket mount kit 274-LLBK
TD93DLXT replacement head TD93-DLXTRH-*

Add On
Multi-feature controller TDC-3

TDD15-47

Voltage: 10-16V DC
Amp Draw: 3.0 amps

Cable Lengths: 15’, 22’, 30’, 45’, 60’

Model Numbers

Features
- Twenty-four high intensity Star Generation IV LEDs (8 arrays, 3 LEDs per array)
- Polycarbonate face shield allow for easy cleaning
- Specific models are available with mounting brackets designed for Chevy Tahoe (TDD15-42TA with a standard 22 wire harness on passenger side), Ford Crown Victoria (TDD15-47CV with a standard quick-disconnect 15’ wire harness)
- Ships complete with back lit control unit, attached quick disconnect wire harness, mounting brackets, hardware, and instructions

Replacement Parts
Control unit TD77-2
TDD15-42TA bracket mount kit TDD92-7KTA
TDD15-47 bracket mount kit 274-LLBK
TDD15-47CV bracket mount kit DL15-BKTCV

Add On
Multi-feature controller TDC-3

Toll Free Fax Line: 888-478-2797 www.starheadlight.com
## LED Traffic Directors

- Made from durable extruded aluminum, these Traffic Directors will not warp or bend
- Warning LED light and LED Traffic Director all-in-one
- 28” low profile (only 1 7/8” tall)
- Thirty high intensity Star Generation III LEDs
- Warning mode has 30 customer selectable flash patterns
- Traffic Director with three Traffic Director modes each having 6 custom flash patterns
- Rotationally adjustable, this unit can be utilized in a variety of applications
- Current limit protection over entire operating voltage range and reverse polarity protection gives you worry free operation
- Offered in a variety of colors and color combinations
- Can be used primarily as a Traffic Director
- An optional Traffic Director switch (SP1515-TDC) or back lit control box (TD77-DL15-30) is available
- Ships complete with 15’, six conductor cable, three sets of mounting legs, hardware, and instructions
- Micro-processor control unit offers four modes with distinctive flash options
- See page 44 for Specifications and Approvals

### Model Numbers

<table>
<thead>
<tr>
<th>DL15-30W</th>
<th>DL15-30W-ARB</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARB - Amber, Red, Blue, W - Weatherproof</td>
<td></td>
</tr>
</tbody>
</table>

Customer selectable Traffic Director modes:
- 3 modes: left arrow, right arrow, center out
- 6 patterns for each arrow

<table>
<thead>
<tr>
<th>Traveling arrow</th>
<th>Non-traveling arrow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traveling arrow with double flashing end module</td>
<td>Non-traveling arrow with double flashing end module</td>
</tr>
<tr>
<td>Traveling arrow with continuous flashing end modules (hazard lights)</td>
<td>Non-traveling arrow with continuous flashing end modules (hazard lights)</td>
</tr>
</tbody>
</table>

Does not apply to all flash patterns

- Voltage: 10-16V DC
- Amp Draw: 3.0 amps
- Cable Length: 15’

### LED Colors

![LED Colors Diagram]

- **DL15-30W-ARB**

### Replacement Parts

- Deck mount kit: DL15-SMTK
- Optional Traffic Director control panel: SP1515-TDC
- Control box (with LED feedback): TD77-DL15-30
- Medium legs: P30150-82
- Short legs: P30150-92
- Tall legs: P30150-93

### Add On

- Multi-feature controller: TDC-3

---

## Stop/Slow

- Signs put traffic control right at your fingertips
- Light sequences bring attention quickly to any situation
- Automatic activation control means you can provide quick response to any need
- Sign turns on when lifted upright
- Sign turns off when lowered
- Operates on three “C” cells (not included)

### Model Numbers

<table>
<thead>
<tr>
<th>TCS-1</th>
<th>TCS-2</th>
<th>TCS-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCS-1REF</td>
<td>TCS-2REF</td>
<td></td>
</tr>
<tr>
<td>1 - Slow, 2 - Stop, 6 - 6’ extension pole, REF - Reflective tape</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Approvals for TCS-1REF and TCS-2REF

- M.U.T.C.D. Code (Manual on Uniform Traffic Control Devices)

### Part Number Description

- **TCS-1**
  - Slow/Stop traffic control sign (113 LEDs)
- **TCS-1REF**
  - Slow/Stop traffic control sign with M.U.T.C.D. approved reflective tape (113 LEDs)
- **TCS-2**
  - Stop/Stop traffic control sign (104 LEDs)
- **TCS-2REF**
  - Stop/Stop traffic control sign with M.U.T.C.D. approved reflective tape (104 LEDs)
- **TCS-6**
  - 6’ extension pole (not shown)
LED Traffic Directors

- Interior mount LED Traffic Directors are perfect for undercover or unmarked vehicle applications
- Durable polycarbonate, will not warp or bend
- Extremely thin profile, they easily mount in the rear window
- ULB44-TD offers thirty high intensity Star Generation IV LEDs
- Micro processor control unit with tactile switching gives you 4 distinctive pattern modes with three "option" buttons (fast, dim, 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
- 15' cable length comes standard
- Ships complete with back lit control unit, attached wire harness, mounting brackets, hardware, and instructions
- Modes: left arrow, right arrow, center out, and warn (alternating)
- See page 44 for Specifications and Approvals

LED Colors for outboard LED flasher sections

- Yellow
- Green
- Red

Model Numbers
ULB44-TD  ULB44-TD-1
1 - Traffic Director stick only, 44-TD - Traffic Director (Star Generation IV LEDs) with control box

Voltage: 10-16V DC
Amp Draw: 3.1 amps

Star Phantom® Lineum X™ Traffic Director

- Lineum X™ technology offers a Dual-Color interior undercover bar
- One hundred-twenty high intensity Star Generation IV LEDs
- Options to flash outer LEDs with 6 or 8 heads of Traffic Director
- 9 Traffic Director patterns
- Designed to mount in rear window (but could be used in front window)
- 12', eight conductor wire harness
- 31 customer selectable flash patterns, 5 Phases, and 13 head enable settings
- User programmable head enable
- User programmable phase
- Clone settings between units
- Programmable cycling between warning and Traffic Director patterns
- Inputs: left, left + right = center out, right, level 1, level 2, Amber level 1, dim/pattern
- See page 44 for Specifications and Approvals

LED Colors

- Yellow
- Green
- Red
- Amber

Model Numbers
ULB48-TD
TD - Traffic Director

Voltage: 10-16V DC
Amp Draw: 6.5 amps

Replacement Parts
Control unit 274-ULB42-TD-2
Mounting bracket kit 274-ULB42-BKT
Add On
Multi-feature controller TDC-3

Replacement Parts for ULB48-TD
Mounting bracket kit for front/rear 274-ULB42BKT
Impala rear mount kit 274-ULB42-3
Chevy Silverado front mount kit 274-ULB42-4
Chevy Caprice rear mount kit 274-ULB42-5
Baffle S30147-89

Toll Free Fax Line: 888-478-2797 www.starheadlight.com
### Model Numbers

**TDC-3**

3 - Multi feature controller, TDC - Traffic Director control

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Built In Flasher</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDC-3</td>
<td>10-16V DC</td>
<td>2.5 amps @ 12V DC</td>
<td>yes</td>
<td>3</td>
<td>5</td>
<td>SAE J595, California Title 13 (Red/Blue for both)</td>
</tr>
</tbody>
</table>

- **Warn 2**
- **Warn 1**
- **Right**
- **Left**
- **Pattern Select or High/Low**
- **Ground**
- **Output power - to Traffic Director**
- **Input - Ignition Switched**

- **TDC-3**
- **TDLIN**
- **TDDL**
- **ULB**
- **TDLN**
- **TDL**
- **ULB**
- **TDLN**
- **TDL**
- **ULB**
- **TDLN**
- **TDL**
- **ULB**
- **TDLN**
- **TDL**
- **ULB**
- **TDLN**
- **TDL**
- **ULB**
- **TDLN**
- **TDL**
- **ULB**
- **TDLN**
- **TDL**
- **ULB**

- **Passenger Side**
- **Driver Side**

- Allows the user to save space in the console by operating the Traffic Director either with a light control siren or with switches
- Compatible with most popular light control sirens in the industry
- 30 selectable warning flash patterns, 5 phases, 13 enable head settings

### Specifications

- **Model #**
- **Voltage:** 10-16V DC
- **Amp Draw:** 2.5 amps per output
**Star Phantom® LED Lightbars**

**ULB24**

- **Features**
  - Interior mount LED lightbar is perfect for undercover or unmarked vehicles
  - Extremely thin profile
  - 35 customer selectable flash patterns via a push button switch and a 30 second Superburst™ all LED steady burn mode
  - Easily mounts under the center visor clips above the rear view mirror in 15-20 minutes

- **Model Numbers**
  - ULB24
  - ULB24-2
  - ULB24-CA

- **LED Colors**
  - ULB24, ULB24-2, ULB24-CA

- **Lens Color/Cool White LEDs**
  - ULB24

- **Replacement Parts for ULB24**
  - Cig. plug: 920-10
  - Mounting bracket kit for front/rear: 274-ULB24BKT
  - Baffle for ULB24: S30147-89
  - Baffle for ULB24-2 (requires two per unit): S30147-89-1L, S30147-89-1R

- **Amp Draw**
  - 3.1 amps @ 12V DC

- **LED Colors**
  - ULB24

- **Voltage**: 10-16V DC

- **Amp Draw**
  - ULB24
  - 2.5 amps @ 12V DC

- **Replacement Parts for ULB24**
  - Cig. plug with lighted on/off switch: 920-10
  - Baffle (requires two per unit): S30147-151L, S30147-151R

**ULB14, ULB24**

- **Features**
  - An adjustable baffle is also included to eliminate “flash back” from the window
  - See page 47 for Specifications and Approvals
  - See page 48 for Vehicle Specific brackets

- **Model Numbers**
  - ULB14
  - ULB24
  - ULB24-CA
  - ULB24-DLP

- **LED Colors**
  - ULB14, ULB24

- **Lens Color/Cool White LEDs**
  - ULB14, ULB24

- **Voltage**: 10-16V DC

- **Amp Draw**
  - ULB24: 2.5 amps @ 12V DC
  - ULB14: 1.3 amps @ 12V DC

- **Amp Draw**
  - ULB14
  - ULB24

- **Replacement Parts for ULB24**
  - Cig. plug with lighted on/off switch: 920-10
  - Baffle (requires one per unit): 30147-151P

- **Replacement Parts for ULB14**
  - Cig. plug with lighted on/off switch: 176-SW
  - Baffle (requires one per unit): 30147-151P
**Star Phantom® Lineum X™**

- Lineum™ technology offers a Dual-Color interior undercover bar
- Extremely thin profile
- 31 customer selectable flash patterns, 5 phases (ex. AAAA BBBB vs. ABAB ABAB), and 13 head enables: select which heads come on with which enable (Select from up to ten takedown heads)
- Interior applications only
- Low power dimming feature
- Inputs: White flashing, level 1, level 2, takedown, California steady Red, burst/dim/pattern
- See page 47 for Specifications and Approvals
- See page 48 for Vehicle Specific brackets

---

**Model Numbers**

- **ULB18**
- **ULB28**

**Features**
- ULB18 has forty-eight high intensity Star Generation IV LEDs
- ULB28 has ninety-six high intensity Star Generation IV LEDs
- All White forward facing takedown/pursuit lights
- Designed to mount in front windshield straddling overhead console
- Limited to, no drilling required with vehicle specific visor brackets
- Installs in 10 to 15 minutes
- 12', eight conductor wire harness

**Voltage:** 10-16V DC  
**Amp Draw:** ULB18 - 2.5 amps @ 12V DC  
ULB28 - 5.25 amps @ 12V DC

---

**LED Colors for ULB18**

- 

**LED Colors for ULB28**

- 

---

**ULB18-AW**

**White**

**ULB28**

**ULB28-FIS**

**ULB28-CH, ULB28-FIS**

---

**Model Numbers**

- **ULB28-CH**  
- **ULB28-FIS**  
- **ULB28-FISUV**

**Features**
- Each model conforms right to both window and headliner
- Quick and easy installation, connects under visor clips

**Voltage:** 10-16V DC  
**Amp Draw:** 5.25 amps @ 12V DC

---

**LED Colors for ULB28**

- 

**LED Colors for ULB28-CH**

- 

**LED Colors for ULB28-FIS, FISUV**

- 

---

**Replacement Parts for ULB18**

- Bent end baffle (requires one per unit) S30147-151-2R  
- Gasket P30047-169-18

**Replacement Parts for ULB28**

- Bent end baffle left S30147-151-2L  
- Bent end baffle right S30147-151-2R

---

**Replacement Parts for ULB28-FIS-CH**

- Driver side Dodge Charger bracket P30150-431DP  
- Passenger side Dodge Charger bracket P30150-431PP

**Replacement Parts for ULB28-FIS, FISUV**

- Gasket P30047-173-16  
- Driver side Ford int sedan bracket P30150-420DP  
- Passenger side Ford int sedan bracket P30150-420PP  
- Driver side Ford int SUV bracket P30150-424DP  
- Passenger side Ford int SUV bracket P30150-424PP
• Perfect for undercover or unmarked vehicle applications
• Interior applications only

• Housing designed to fit to the curve of the vehicle
• See below for Specifications and Approvals

**Rear Window Lights**

**Model Numbers**
ULB34-1-FISUV  ULB34-1-TA
1 - Hardwire, FISUV - Ford SUV, TA - Tahoe

**Features**
• Six-head, eighteen high intensity, Star Generation IV LEDs
• 35 customer selectable flash patterns
• Hardwire, 15’ length

Voltage: 10-16V DC
Amp Draw: 1.86 amps @ 12V DC

**Specifications**

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight (lbs)</th>
<th>Warranty (years)</th>
<th>Approvals</th>
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<tbody>
<tr>
<td>ULB14</td>
<td>10-16V DC</td>
<td>1.3 amps @ 12V DC</td>
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</table>

**LED Colors**

- FISUV
- TA

**Traffic Director Color 1**
- Hardwire

**LED Color 2**

- FISUV
- TA

**LED Colors**

- FISUV
- TA

**Model Numbers**
ULB38-TD-FISUV  ULB38-TD-TA
FISUV - Ford SUV, TA - Tahoe

**Features**
• Lineum X™ optics
• Six-head, seventy-two high intensity, Star Generation IV LEDs
• Dual-Color Traffic Director/warning light in one
• 31 customer selectable warning flash patterns, 5 phases, and 13 head enable settings
• 9 Traffic Director patterns
• Low power dimming feature
• 12’, 8 conductor wire harness
• Clone: duplicate settings for a fleet from 1 unit
• Inputs: left (Note: left + right = center out) right, flash color 1, level 1 pattern - color 2 LEDs, level 2 pattern - color 2 LEDs, pattern/dim wire

Voltage: 10-16V DC
Amp Draw: 3.9 amps @ 12V DC
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<th>Model</th>
<th>Beginning Year</th>
<th>Through Year</th>
<th>Half Phantom Bracket Model Number</th>
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<th>Full Split Phantom Bracket Model Number</th>
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<th>Models Used</th>
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</tbody>
</table>
• Star Lineum™ LED technology
• Star Omega™ provides all the advantages of an LED warning light, with a bigger light image for bigger trucks
• Single color - seventy-two Star Generation IV high power LEDs
• Dual-Color - one hundred forty-four Star Generation IV high power LEDs
• 9018DLED - Dual-Color available "go from Amber to Blue with a flip of a switch"
• Single color - 35 customer selectable flash patterns via pattern select wire
• Dual-Color - 37 customer selectable flash patterns via pattern select wire

Dome Colors

LED Colors

Dual Color Dome

Configuration Options

9018LED

Left/Right

Colors are not independently enabled

9018TBLED

Top/Bottom

Colors are not independently enabled

9018LED

Dual-Color

Base

16''L

Replacement Parts (* = color)

Dome 910-316-*

Dome gasket 30047-64

Model Numbers

9018LED 9018DLED 9018TBLED

D - Dual-Color, TB - Top/Bottom

<table>
<thead>
<tr>
<th>Star Generation IV LEDs per head</th>
<th>Star Generation IV LEDs per head</th>
<th>Total Star Generation IV LEDs per bar</th>
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</thead>
<tbody>
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<td>Front and Back Modules</td>
<td>Side Modules</td>
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<tr>
<td>Super</td>
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<td>9</td>
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<tr>
<td>Dual-Color</td>
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<tr>
<td>Super</td>
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<tr>
<td>Dual-Color</td>
<td>12</td>
<td>12</td>
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</table>

Voltage: 10-16V DC

Amp Draw: 8 amps @ 12V DC

LED Mini-Bars

• Star Contour® is extremely low profile, made to “contour fit” to the roof of your vehicle
• Super bright M-Tech Plus® LED technology
• Provides a superior warning light image
• Injection molded polycarbonate base is combined with two rubber coated vacuum magnets to “custom mount to your vehicle” (vacuum magnet model)

Dome Colors

LED Colors

Mounting

Replacement Parts (* = color)

Dome 910-3- *

Cig. plug 920-PAT18HI

Magnet mount kit 910-177K

Vacuum magnet mount 920-14V

Dome gasket 30047-145

Model Numbers

9100LED 9100LEDM 9100LEDV

M - Magnet mount, V - Vacuum magnet mount

Voltage: permanent - 10-30V DC, magnet - 10-16V DC

Amp Draw: 2.3 amps @ 12V DC

LED Mini-Bars

• Permanent mount - 20 customer selectable flash patterns via external pattern select wire, S-Link System™ synchronizing capabilities with other Star LED units
• Magnet and Vacuum magnet mount - 20 customer selectable flash patterns, 12" cig. plug with lighted on/off and pattern select switch
• See page 53 for Specifications and Approvals
**LED MINI-BARS**

- **9016LED**
  - M-Tech Plus® LED technology that provides a superior 360° warning light image
  - 20 customer selectable flash patterns
  - S-Link System™ synchronizing capabilities with other Star LED units
  - Now with optional scene lighting
  - Conformal coated circuitry protects against shock and vibration

### Model Numbers

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>9016LED</th>
<th>9016LEDM</th>
<th>9016LEDV</th>
<th>9016SLED</th>
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<td>Magnet mount</td>
<td>S-</td>
<td>Scene Lighting</td>
<td>V-</td>
</tr>
</tbody>
</table>

**Voltage:** permanent - 10-30V DC, magnet - 10-16V DC

**Amp Draw:**
- 9016LED - 2 amps (Amber or Red), 3.6 amps (Blue, White, Green, Blue/White), 2.8 amps (Amber/White, Amber/Green, Red/Blue), 9016SLED - 2 amps (A, R), 3.6 amps (B, W, G)

### Replacement Parts

<table>
<thead>
<tr>
<th><strong>Dome Colors</strong></th>
<th>910-316-*</th>
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<tbody>
<tr>
<td>Cig. plug</td>
<td>920-PAT18HI</td>
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<tr>
<td>Magnet mount kit</td>
<td>910-177K</td>
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<td>Mounting gasket</td>
<td>920-17-16</td>
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<td>Vacuum magnet mount kit</td>
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<td>Dome gasket</td>
<td>30047-64</td>
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</table>

**LED MINI-BARS**

- **7100LED**
  - Star Lineum™ LED technology
  - Single color, seventy-two Star Generation IV high power LEDs
  - Dual-Color, one hundred forty-four Star Generation IV high power LEDs
  - 7100DLED - Dual-Color available “go from Amber to Blue with a flip of a switch”
  - Single color - 35 customer selectable flash patterns via pattern select wire

### Model Numbers

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**Voltage:** permanent - 10-30V DC, magnet - 10-16V DC

**Amp Draw:**
- 9016LED - 2 amps (Amber or Red), 3.6 amps (Blue, White, Green, Blue/White), 2.8 amps (Amber/White, Amber/Green, Red/Blue), 9016SLED - 2 amps (A, R), 3.6 amps (B, W, G)

### Configuration Options

- **7100LED Left/Right**
  - Colors are not independently enabled

- **7100LED-TB Top/Bottom**
  - Colors are not independently enabled

### Replacement Parts

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<td>End dome gasket</td>
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<td>Extrusion gasket</td>
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<td>End cap screws</td>
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</table>
• New LED technology
• Star Generation IV LEDs
• 17 different selectable flash patterns in either of two phases, plus steady-on
• Industrial grade virgin polycarbonate lens

• Fully gasketed for protection against environmental contaminants
• Magnet mount version includes cig. plug with on/off and pattern select switch
• Shipped in quad flash pattern
• See page 53 for Specifications and Approvals

**Dome Colors**
- Red
- Amber
- Green
- Blue
- White
- Red/White

**Inner Lens Colors**
- Red
- Amber
- Green
- Blue
- White

**Replacement Parts (\* = color)**
- Outer dome: 920-3-\*
- Inner Fresnel lens: 333-\*
- V-mirrors: 820-29
- Cig. plug: 920-PAT20LO
- Magnet (one): 920-16
- Magnet kit (four): 920-16-4K
- Vacuum magnet: 920-14V

**Voltage:**
- Permanent mount - 10-30V DC, magnet - 10-16V DC

**Amp Draw:**
- 1.2 amps @ 12V DC

**Model Numbers**
- 9202L
- 9202LM
- 9202LV

- M - Magnet mount, V - Vacuum magnet mount

**LED MINI-BARS**

- Model Numbers
  - 9202L
  - 9202LM
  - 9202LV

- Voltage: permanent - 10-30V DC, magnet - 10-16V DC
- Amp Draw: 0.6 amps @ 12V DC

**LED MINI-BARS**

- Voltage: permanent mount - 10-30V DC, magnet mount - 10-16V DC
- Amp Draw: 1.2 amps @ 12V DC, 0.6 amps @ 24V DC

**Model Numbers**
- 9202L
- 9202LM
- 9202LV

- M - Magnet mount, V - Vacuum magnet mount

**Dome Colors**
- Red
- Amber
- Green
- Blue
- White
- Red/White

**Inner Lens Colors**
- Red
- Amber
- Green
- Blue
- White

**Replacement Parts (\* = color)**
- Outer dome: 920-3-\*
- Inner Fresnel lens: 333-\*
- V-mirrors: 820-29
- Cig. plug: 920-PAT20LO
- Magnet (one): 920-16
- Magnet kit (four): 920-16-4K
- Vacuum magnet: 920-14V

**Voltage:**
- Permanent mount - 10-30V DC, magnet - 10-16V DC

**Amp Draw:**
- 1.2 amps @ 12V DC

**Model Numbers**
- 9202L
- 9202LM
- 9202LV

- M - Magnet mount, V - Vacuum magnet mount

**LED MINI-BARS**

- Model Numbers
  - 9202L
  - 9202LM
  - 9202LV
  - M - Magnet mount, V - Vacuum magnet mount

**LED MINI-BARS**

- Two internal V-mirrors, enhance flashes
- Magnet mounts include vinyl pads to avoid scratching surfaces
- Permanent mount - selectable flash patterns via external pattern select wire, 24” leads
- Magnet and Vacuum magnet mount - selectable flash patterns via switch on cig. plug and separate on/off switch
- Extremely low current draw
- See page 53 for Specifications and Approvals
**Strobe Mini-Bar**

- Double flash/quad selectable heads, via internal jumper
- Flash rate - double - 128 sequences per minute at 24 watts, quad - 84 sequences per minute at 24 watts
- Replaceable epoxy encapsulated circuit, strobe tubes
- Industrial grade virgin polycarbonate lens

**Model Numbers**

<table>
<thead>
<tr>
<th>9200S</th>
<th>9200SM</th>
<th>9200SV</th>
</tr>
</thead>
<tbody>
<tr>
<td>M - Magnet mount, V - Vacuum magnet mount</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Replacement Parts** (* = color)

- Outer dome: 920-3-*
- Inner Fresnel lens: 333-*
- Strobe tube assembly: ST3901-7
- V-mirror: 820-29
- Cig. plug with lighted on/off switch: 176-SW
- Double/quad power supply: 620-181-SBP
- Magnet (one): 920-16
- Magnet mount kit: 920-16-4K
- Vacuum magnet (one): 920-14V

**Dome Colors**

- Inner Lens Colors

**Halogen Mini-Bars**

- Durable polycarbonate lens
- Gasket between lens and base, ABS plastic base
- Patented shock mounted rotators with two sealed roller bearings provides quiet, smooth operation and ensures long rotator and bulb life (bearing mechanism - maintenance free)
- 50 watt halogen bulb (795 type), long life with lock in/stay in feature

**Model Numbers**

<table>
<thead>
<tr>
<th>9200H</th>
<th>9200HM</th>
<th>9200HV</th>
</tr>
</thead>
<tbody>
<tr>
<td>M - Magnet mount, V - Vacuum magnet mount</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Replacement Parts** (* = color)

- Outer dome: 920-3-*
- Color filter for rotator: 920-100-*
- Halogen bulb: 2073-795X
- 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
- Magnet mount kit: 920-16-4K
- Vacuum magnet (one): 920-14V

**Dome Colors**

| Filter Colors |

**Mounting**

- Incandescent version is available, please see website www.starheadlight.com

**Voltage:** 12-24V DC

**Amp Draw:** 8 amps @ 12V DC

**Voltage:** 12V DC (24V DC available)

**Amp Draw:** 8 amps @ 12V DC
<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(A - Amber, B - Blue, R - Red, W - White)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7100LED, 7100DLED, 7100TBLED</td>
<td>10-16V DC</td>
<td>8 amps @ 12V DC</td>
<td>7</td>
<td>5</td>
<td>SAE J845 Class I (A, W)</td>
</tr>
<tr>
<td>9016LED, 9016LED, 9016LEDV</td>
<td>10-30V DC</td>
<td>2 amps @ 12V DC (A, R)</td>
<td>6</td>
<td>5</td>
<td>SAE J845 Class I (A, B, R, W)<em>, California Title 13 available upon request</em></td>
</tr>
<tr>
<td>9016SLED</td>
<td>10-30V DC</td>
<td>2 amps @ 12V DC (A, R), 3.6 amps @ 12V DC (B, W, G)</td>
<td>7</td>
<td>5</td>
<td>SAE J845 Class I (A, B, R, W)*</td>
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<tr>
<td>9018LED, 9018TBLED, 9018DLED</td>
<td>10-16V DC</td>
<td>8 amps @ 12V DC</td>
<td>8</td>
<td>5</td>
<td>N/A</td>
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<tr>
<td>9100LED, 9100LED, 9100LEDV</td>
<td>10-30V DC</td>
<td>2.3 amps @ 12V DC</td>
<td>5</td>
<td>SAE J845 Class I (A, W, B)<em>, California Title 13 available upon request</em></td>
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<tr>
<td>9200H, 9200HM, 9200HV</td>
<td>12V DC (available in 24V DC)</td>
<td>8 amps @ 12V DC</td>
<td>1</td>
<td>SAE J845 Class I (A, B, R, C)*</td>
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</tr>
<tr>
<td>9200H8L, 9200HL</td>
<td>10-30V DC</td>
<td>1.2 amps @ 12V DC</td>
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<td>(H8L) Class I (A, B, C), California Title 13 (A, R) (HL) SAE J845 Class I (A), Class II (B, C, R)</td>
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<tr>
<td>9200H8LM, 9200H8LV, 9200HLV</td>
<td>10-16V DC</td>
<td>1.2 amps @ 12V DC</td>
<td>5</td>
<td>(H8L) Class I (A, B, C), California Title 13 (A, R) (HL) SAE J845 Class I (A), Class II (B, C, R)</td>
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</tr>
<tr>
<td>9200S, 9200SM, 9200SV</td>
<td>12-24V DC</td>
<td>2 amps @ 12V DC</td>
<td>1</td>
<td>SAE J845 Class II (A)*</td>
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<tr>
<td>9202L, 9202LM, 9202LV</td>
<td>10-30V DC</td>
<td>0.6 amps @ 12V DC</td>
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<td>SAE J845 Class II (A, B, C, R, G)</td>
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</tr>
</tbody>
</table>
LED LIGHTBAR

- Available with single color or Dual-Color heads
- Utilizes two wire Traffic Director control (left + right + center out)
- Hardware version comes in two cable options: Single cable: Two power wires and 12 enable wires (default option). Dual cables: One for power and ground connections, one containing 12 enable wires
- Priority wires are designed to be used with a slide switch or set of progressive switches (e.g.: P1 - Rear flashing slow pattern, P2 - Front and rear flashing - medium pattern, P3 - Front and rear flashing, fast pattern)
- Thermally protected
- Reverse polarity protected
- Transient protected against voltage spikes
- Over current protected
- Rugged exterior, extruded aluminum base, UV stabilized polycarbonate lenses
- Completely customizable
- Configure Outputs: Ability to select which LED heads come on with each one of the 12 inputs (e.g. select between 1 and all of the heads to activate in Priority 1)
- Electrical inputs: Ability to select the function controlled by each wire (steady - takedown, left alley, right alley, cruise, California steady, pre-emption device) (flashing - P1, P2, P3, P4, P5, left traffic, right traffic, IC, DIM, takedown pursuit, alley flash, turn left, turn right, pattern)
- Patterns: Select in pairs up to 20 different patterns to operate simultaneously
- 37 warning patterns to choose from, 10 Traffic Director patterns
- Phase: Select the Phase for each independent head (which heads flash together or opposite one another)
- Traffic Director Cycling: Optional toggle warning pattern and the Traffic Director pattern when both are enabled
- LBC-CAN: Utilizes the Automotive industry standard CAN (Controller Area Network) protocol, for highly reliable communication system
- Two power wires, two optional communication wires for reduced cable size, allowing up to 20 independently controlled functions
- USB connectivity with Star Phazer™ software
- Easy set-up and cloning of settings between multiple bars using the Windows based interface
- Patent D760,104
- See pages 60 - 61 for Specifications
- See pages 70 - 71 for Vehicle Specific Specifications

**Spot Optic**
- 2.4" long
- S121-0-3" directional spot, 3 LED

**Wide Spread Lineum**
- 2.4" long
- S121-9-3" wide spread Lineum, 3 LED
- S121-9-6" wide spread Lineum, 3+3 color LED

**LED Colors**
- Single Color: Amber
- Dual-Color: Amber/White

**Dome Colors (Standard Clear)**
- Clear
- Amber

**Wide Spread Lineum**
- 5.75" long
- S121-9L-6" wide spread Lineum, 6 LED
- S121-9L-9" wide spread super Lineum, 9 LED
- S121-9L-12" wide spread Lineum, 6+6 Dual-Color LED
- S121-9L-18" wide spread super Lineum, 9+9 Dual-Color LED

To configure your Star Phazer™ (choose which heads, etc.), please contact Star Headlight and Lantern Co., Inc., at 585-226-9787 or www.starheadlight.com
LED Lightbars

- Blend of innovative modular design, sculpted contours, exceptional strength, and durability
- Laser Cage Technology™ (LCT) is the most advanced, integrated componentry design
- LCT provides the ability for each module 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 adaption to your needs
- Rugged exterior, extruded aluminum bases, and UV stabilized polycarbonate lenses
- Fail safe operation by utilizing an independent driver circuit in each head that allows for synchronization of heads in simultaneous or alternating mode and flash pattern control
- Starburst™ LED alley light
- Standard mounting kit included
- Streamline design

- End facing modular heads contain two corner positions and one alley light position
- End position can also be color warning light
- Corner positions can be customized with any combination of modular heads
- Optional Clear alley light window available for colored end caps
- Rugged top and bottom aluminum extrusions
- Weatherproof seals and stainless steel fasteners
- Ventilation discs located on the underside of the lightbar help to reduce condensation
- Foam filter gasket reduces wind noise and air turbulence at high speeds
- Serviceability - top extrusion removes completely for easy access to modular components, front lenses stay securely in place
- See pages 60 - 61 for Specifications
- See pages 70 - 71 for Vehicle Specific Mounting options

High Density™ LED Head
Star Generation IV LEDs
12 or 18 LED versions available
Fully programmable
High LED count for bid spec. requirements
High efficiency linear optics
Wide angle light distribution
Achieves SAE Class I rating without use of flashing alley light

New Lineum™ LED Head
Six Star Generation IV LEDs for single color heads
Twelve Star Generation IV LEDs for Dual-Color heads
Star Lineum™ LED technology
Wide angle light distribution on front and rear modules
Primarily used for front and rear heads, also capable of Dual-Color to the front for takedown/pursuit and rear for Traffic Director
Fully programmable
SAE Class I (A, B, R, W)

Starburst™ LED Head
Eight Star Generation IV LEDs
Patent # D633,648 optical system
Narrow light distribution
Compatible with end or front facing heads
SAE Class I
Traffic Director stop/turns available
Can be programmed for takedown/pursuits

Module Colors

Front Lens and End Cap Colors (Standard Clear)

Internal View

Base Model Numbers
7200 7340 7440 7540 7640
72 - 22”, 73 - 34”, 74 - 46”, 75 - 52”, 76 - 58”

To configure your custom Star Laser® Lightbar (choose which heads, etc.), please contact Star Headlight and Lantern Co., Inc., at 585-226-9787 or www.starheadlight.com
LED LIGHTBARS

• Low cost, super bright M-Tech Plus® LED technology provides a superior color warning light image
• Forward facing White scene lighting now available, giving out full front coverage for those times when you need it (TOW package scene lighting is to the rear)
• 35 customer selectable flash patterns via external wire
• Conformal coated circuitry protects against shock and vibration
• Independent enable of front and rear facing LEDs

7460LED - 46"

Model Numbers

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>7232LED</th>
<th>7461LED</th>
<th>7464LED</th>
<th>7565LED-TOW</th>
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</thead>
<tbody>
<tr>
<td>72 - 22&quot;</td>
<td>22&quot;, (1) M-Tech Plus® head</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>7460LED</td>
<td>46&quot;, (2) M-Tech Plus® heads with scene lighting, (2) V-mirrors</td>
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</tr>
<tr>
<td>7461LED</td>
<td>46&quot;, Police package, (2) M-Tech Plus® heads with scene lighting, (2) front DLX6 takedown/pursuits, (2) LED alleys</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>7462LED</td>
<td>46&quot;, Police package, (2) M-Tech Plus® heads, (2) LED takedown/pursuits, (2) LED alleys</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>7464LED</td>
<td>46&quot;, (2) M-Tech Plus® heads, (2) V-mirrors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7564LED-TOW</td>
<td>52&quot;, (2) M-Tech Plus® heads, (2) stop/tail/turn lights, (2) work lights</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7565LED-TOW</td>
<td>52&quot;, (2) M-Tech Plus® heads with scene lighting to the rear, (2) stop/tail/turn lights, (2) work lights</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LED Colors

[ ] [ ] [ ] [ ]

Front Lens and End Cap Colors

(Standard Clear)

[ ] [ ] [ ] [ ]

Extruded aluminum top and bottom
High/low power select
Low input voltage detection under 10V DC
Split color and dual function
Warning signal and scene lighting available in one package
See pages 60 - 61 for Specifications
See pages 70 - 71 for Vehicle Specific Specifications

Phone Number: 585-226-9500 www.starheadlight.com
• Super bright Star Lineum™ LED Dual-Color technology
• Forward facing White scene lighting now available, giving you full front coverage for those times when you need it (TOW package the scene lighting is to the rear)
• Ultra low profile - only 2 ¾" high
• Five head options available:
  1. Lineum™ optics, six Star Generation IV LEDs
  2. Super Lineum™ optics, nine Star Generation IV LEDs
  3. Lineum™ optics, twelve Star Generation IV LEDs, Dual-Color
  4. DLX6, six Star Generation IV LEDs
  5. Batwing, three Star Generation IV LEDs

• Over 30 customer selectable flash patterns
• High/low power select
• Conformal coated circuitry protects against shock and vibration
• Independent front/rear enable
• Durable polycarbonate, injection molded domes are Star "diamond coated" and fully gasketed to protect against moisture
• Rugged one piece extruded, anodized aluminum base
• See pages 60 - 61 for Specifications
• See pages 70 - 71 for Vehicle Specific Specifications

**LED Colors**

- Domes (Standard Clear)
  - Super bright Star Lineum™ technology
  - Wide angle light distribution
  - Front and rear modules
  - Can be used for takedown/pursuit lights

- Dual Color Available

**Lineum™ Head**

- Six Star Generation IV LEDs
- Star Lineum™ technology
- Wide angle light distribution
- Front and rear modules
- Can be used for takedown/pursuit lights

**DLX6 Head**

- Six Star Generation IV LEDs
- Narrow light distribution
- Can be used for takedown/pursuit lights and stop/tail/turn lights

**Batwing Head**

- Three Star Generation IV LEDs
- Narrow light distribution
- Can be used for stop/tail/turn lights and Traffic Director takedown/pursuit lights

**Super Lineum™ Head**

- Nine Star Generation IV LEDs
- Star Lineum™ technology
- Wide angle light distribution good for front/rear/corners

**12 Dual-Color Lineum™ Head**

- Twelve Star Generation IV LEDs
- Dual-Color Star Lineum™ technology
- Wide angle light distribution good for front/rear
- Dual-Color to the front for takedown/pursuit and rear for Traffic Director, work lights

**Quad Starburst**

- Takedown/Flood light

---

**Base Model Numbers**

- 2340, 2440, 2540, 2640

To configure your custom Star Razor® Lightbar (choose which heads, etc.), please contact Star Headlight and Lantern Co., Inc., at 585-226-9787 or www.starheadlight.com
LED LIGHTBARS

- Ultra low profile - only 2 ¼” high
- Super bright M-Tech Plus® high intensity LED heads designed for wider light distribution
- SAE Class I and California Title 13 approved when properly configured
- 35 customer selectable flash patterns via external wire
- Low input voltage detection under 10V DC
- High/low power select
- Independent front/rear enable

- Fluted lens over LEDs, patent # D68,255
- Durable polycarbonate, injection molded domes are Star “diamond coated” and fully gasketed to protect against moisture
- Rugged one piece extruded, anodized aluminum base
- To view all Star Razor® lightbars or request a custom lightbar design kit, please contact us at www.starheadlight.com
- See pages 60 - 61 for Specifications
- See pages 70 - 71 for Vehicle Specific Specifications

Model Numbers

2360LED 2460LED 2461LED 2565LED-TOW
23 - 36”, 24 - 46”, 25 - 56”, TOW - Tow package

Features

- Forward facing White scene lighting available, giving you full front coverage for those times when you need it (TOW package scene lighting is to the rear)

2360LED 36”, (2) M-Tech Plus® heads with scene lighting

2460LED 46”, (2) M-Tech Plus® heads with scene lighting, (2) V-mirrors

2461LED 46”, (2) M-Tech Plus® heads with scene lighting, (2) front DLX6 LED takedown/pursuits, (2) LED alleys

2565LED-TOW 56”, (2) M-Tech Plus® heads with scene lighting to the rear, (2) LED work lights, (2) Red Batwing stop/tail/turn lights

- Forward facing White scene lighting available, giving you full front coverage for those times when you need it (TOW package scene lighting is to the rear)
**LED Lightbars**

- Dual level, full output lightbar less than 4" tall
- Super bright M-Tech Plus®, high intensity LED heads are designed for wider light distribution
- Independent front/rear enable
- 35 customer selectable flash patterns via external wire
- Conformal coated circuitry protects against shock and vibration
- Durable polycarbonate, injection molded domes are Star “diamond coated” and fully gasketed to protect against moisture

- Fluted lens over LEDs patent #D68,255
- Rugged one piece extruded, anodized aluminum base
- High/low power select
- Low input voltage detection under 10V DC
- See pages 60 - 61 for Specifications
- See pages 70 - 71 for Vehicle Specific Specifications

---

**Model Numbers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5364LED</td>
<td>36&quot;, (2) M-Tech Plus® heads</td>
</tr>
<tr>
<td>5462LED</td>
<td>46&quot;, (2) M-Tech Plus® heads, (2) V-mirrors, (4) takedown/pursuits, (2) LED alleys, (2) LED intersection clearing lights</td>
</tr>
<tr>
<td>5464LED</td>
<td>46&quot;, (2) M-Tech Plus® heads, (2) V-mirrors</td>
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<tr>
<td>5564LED</td>
<td>56&quot;, (2) M-Tech Plus® heads, (2) V-mirrors</td>
</tr>
</tbody>
</table>

---

**LED Colors**

- 5364LED
- 5462LED
- 5464LED
- 5564LED

**Domes Colors**

- (Standard Clear)

---

**LED Colors**

- 6032LED, 6032LEDM
- 6464LED
- 6564LED

**Dome Colors**

- (Standard Clear)

---

**Model Numbers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
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<td>20&quot;, (2) M-Tech Plus® heads</td>
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<tr>
<td>6032LEDM</td>
<td>20&quot;, (2) M-Tech Plus® heads, magnet mount</td>
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<tr>
<td>6464LED</td>
<td>48&quot;, (2) M-Tech Plus® heads</td>
</tr>
<tr>
<td>6564LED</td>
<td>56&quot;, (2) M-Tech Plus® heads</td>
</tr>
</tbody>
</table>

---

**LED Colors**

- 6032LED, 6032LEDM
- 6464LED
- 6564LED

**Dome Colors**

- (Standard Clear)
**LED LIGHTBARS**

- Heavy duty aluminum extruded base will not warp, bend, or sag
- Ultra high intensity LED has a rotating pattern
- Impact resistant polycarbonate lens, provides you with one of the most durable aerodynamic shells in the industry
- Modular lens design makes any model easy to repair and a snap to reseal
- See pages 60 - 61 for Specifications
- See pages 70 - 71 for Vehicle Specific Specifications

**Model Numbers**

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>9404H8L</th>
<th>9404HL</th>
</tr>
</thead>
<tbody>
<tr>
<td>94 - 48&quot; H8L</td>
<td>- Ultra high intensity, 8 Halo LEDs, HL - High intensity, 4 Halo LEDs</td>
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<tr>
<td>9404H8L</td>
<td>48&quot;, (4) Halo eight LEDs, (2) diamond mirrors, (2) V-mirrors</td>
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</tr>
<tr>
<td>9404HL</td>
<td>48&quot;, (4) Halo four LEDs, (2) diamond mirrors, (2) V-mirrors</td>
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</table>

**Specifications**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Typical Amp Draw</th>
<th>Mounting</th>
<th>Dimensions</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
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<tbody>
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<td>1300</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 12&quot;W x 37&quot;L</td>
<td>will vary</td>
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<tr>
<td>1400</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 12&quot;W x 44&quot;L</td>
<td>will vary</td>
<td>5</td>
</tr>
<tr>
<td>1500</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 12&quot;W x 51&quot;L</td>
<td>will vary</td>
<td>5</td>
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<tr>
<td>1550</td>
<td>10-16V</td>
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<td>hook-on/perm. mount</td>
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<tr>
<td>1600</td>
<td>10-16V</td>
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<td>2 ½&quot;H x 15&quot;W x 36&quot;L</td>
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<td>hook-on/perm. mount</td>
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<td>will vary</td>
<td>5</td>
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<tr>
<td>2540</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ½&quot;H x 15&quot;W x 56&quot;L</td>
<td>will vary</td>
<td>5</td>
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<tr>
<td>2640</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ½&quot;H x 15&quot;W x 66&quot;L</td>
<td>will vary</td>
<td>5</td>
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<tr>
<td>7200</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>perm./mag./vacuum mag. mount</td>
<td>2 ¾&quot;H x 12 ½&quot;W x 22&quot;L</td>
<td>will vary</td>
<td>5</td>
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<tr>
<td>7340</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>perm. mount</td>
<td>2 ½&quot;H x 12 ½&quot;W x 34&quot;L</td>
<td>will vary</td>
<td>5</td>
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<tr>
<td>7440</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ½&quot;H x 12 ½&quot;W x 46&quot;L</td>
<td>will vary</td>
<td>5</td>
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<tr>
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<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ½&quot;H x 12 ½&quot;W x 52&quot;L</td>
<td>will vary</td>
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<td>7640</td>
<td>10-16V</td>
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<td>hook-on/perm. mount</td>
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<td>1400LED</td>
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<td>7.2 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 36&quot;L</td>
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<td>2364LED</td>
<td>10-16V</td>
<td>7.2 amps</td>
<td>perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 36&quot;L</td>
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<tr>
<td>2460LED</td>
<td>10-16V</td>
<td>7.2 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 46&quot;L</td>
<td>25</td>
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<td>2461LED</td>
<td>10-16V</td>
<td>9.6 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 46&quot;L</td>
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<tr>
<td>2462LED</td>
<td>10-16V</td>
<td>9.6 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 46&quot;L</td>
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<td>2463LED</td>
<td>10-16V</td>
<td>9.6 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 46&quot;L</td>
<td>28</td>
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<td>2464LED</td>
<td>10-16V</td>
<td>7.2 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 46&quot;L</td>
<td>31</td>
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<td>2464LED-TOW</td>
<td>10-16V</td>
<td>13 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 46&quot;L</td>
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<td>2565LED-TOW</td>
<td>10-16V</td>
<td>9.6 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 15&quot;W x 56&quot;L</td>
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<td>7.2 amps</td>
<td>perm. mount</td>
<td>4&quot;H x 15&quot;W x 36&quot;L</td>
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<td>5462LED</td>
<td>10-16V</td>
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<td>4&quot;H x 15&quot;W x 46&quot;L</td>
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<td>5464LED</td>
<td>10-16V</td>
<td>7.2 amps</td>
<td>perm. mount</td>
<td>4&quot;H x 15&quot;W x 46&quot;L</td>
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<td>5564LED</td>
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<td>7.2 amps</td>
<td>hook-on/perm. mount</td>
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<tr>
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<td>3.6 amps</td>
<td>hook-on/perm. mount</td>
<td>5&quot;H x 12 ½&quot;W x 20&quot;L</td>
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<td>7.2 amps</td>
<td>hook-on/perm. mount</td>
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<td>7232LED</td>
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<td>perm. mount</td>
<td>2 ¾&quot;H x 12 ½&quot;W x 22&quot;L</td>
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**LED Colors**

- **Dome Colors**

**Model Numbers**

<table>
<thead>
<tr>
<th>Model Numbers</th>
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<th>9404HL</th>
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<tbody>
<tr>
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<td>94 - 48&quot;, H8L - Ultra high intensity, 8 Halo LEDs, HL - High intensity, 4 Halo LEDs</td>
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<tr>
<td>9404HL</td>
<td>48&quot;, (4) Halo four LEDs, (2) diamond mirrors, (2) V-mirrors</td>
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**LED Colors**

- **Dome Colors**

**Model Numbers**

<table>
<thead>
<tr>
<th>Model Numbers</th>
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<th>9404HL</th>
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<tbody>
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<tr>
<td>9404HL</td>
<td>48&quot;, (4) Halo four LEDs, (2) diamond mirrors, (2) V-mirrors</td>
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**LED Colors**

- **Dome Colors**
<table>
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<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Typical Amp Draw</th>
<th>Mounting</th>
<th>Dimensions</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
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<td>10-16V</td>
<td>7.2 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 12 ¾&quot;W x 46&quot;L</td>
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<tr>
<td>746LED</td>
<td>10-16V</td>
<td>9.6 amps</td>
<td>hook-on/perm. mount</td>
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<td>5</td>
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<tr>
<td>7462LED</td>
<td>10-16V</td>
<td>9.6 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 12 ¾&quot;W x 46&quot;L</td>
<td>39</td>
<td>5</td>
</tr>
<tr>
<td>7464LED</td>
<td>10-16V</td>
<td>7.2 amps</td>
<td>hook-on/perm. mount</td>
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<td>7564LED-TOW</td>
<td>10-16V</td>
<td>9.6 amps</td>
<td>hook-on/perm. mount</td>
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<td>7565LED-TOW</td>
<td>10-16V</td>
<td>amps will vary</td>
<td>hook-on/perm. mount</td>
<td>2 ¾&quot;H x 12 ¾&quot;W x 52&quot;L</td>
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<td>10-16V</td>
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<td>hook-on/perm. mount</td>
<td>5&quot; x 12 ¾&quot; x 48&quot;L</td>
<td>30</td>
<td>5</td>
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**LED Lightbars**

- **Strobe Lightbars**
  - Ultra low profile - only 2 ¾" high
  - Wider design for better light distribution
  - Standard intensity linear heads
  - Available with 4.5" or 7" linear strobe heads
  - See pages 64 - 65 for Specifications
  - See pages 70 - 71 for Vehicle Mounting Specifications

**Model Numbers**

- **2300SL**
  - 36", (4) 7" linear strobes, (4) 4.5" linear strobes

- **2400SL**
  - 46", (4) 7" linear strobes, (6) 4.5" linear strobes

- **2420SL**
  - 46", (4) 7" linear strobes, (4) 4.5" linear strobes, (2) alleys, (2) front takedown/pursuits, (2) rear flashers

- **2500SL**
  - 56", (4) 7" linear strobes, (8) 4.5" linear strobes

**Razor®**

- Super low profile, dual level lightbar only 4" tall
- Wider design for better light distribution
- Adjustable lower level light allows optimal positioning of light output
- See pages 64 - 65 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

**Dome Colors**

- 2300SL
- 2400SL
- 2420SL
- 2500SL

**Dome Colors**

- 5300S
- 5400S

**Model Numbers**

- **5300S**
  - 36", (2) 360° remote strobe heads, (1) two head strobe pack, (2) large V-mirrors

- **5400S**
  - 46", (4) 360° remote strobe heads, (2) two head strobe pack, (3) double medium V-mirrors

**Sabre®**

- **360° Remote Strobe Head**
- **2 Head Strobe Pack**
- **Large V-Mirrors**
- **Double Medium V-Mirrors**

**Toll Free Fax Line: 888-478-2797 www.starheadlight.com**
**Strobe Lightbars**

- Super low profile, dual level lightbar only 4" tall
- Wider design for better light distribution
- Adjustable lower level light allows optimal positioning of light output

---

**Model Numbers**

- **5300SL**
  - 36", (4) 4.5" linear strobe heads, (4) 7" linear strobe heads, (2) four head strobe packs
- **5510S**
  - 56", (4) 360° remote strobe heads, (2) double V-mirrors, (2) rear directional halogen flood lights, (2) two head strobe packs, (2) lower stop/tail/turn lights
- **5510SL**
  - 56", (4) 4.5" linear strobe heads, (4) 7" linear strobe heads, (2) four head strobe packs, (2) rear directional halogen flood lights, (2) lower stop/tail/turn lights
- **5610S**
  - 66", (4) 360° remote strobe heads, (1) halogen rotator, (2) double V-mirrors, (2) small V-mirrors, (2) rear directional halogen flood lights, (2) lower stop/tail/turn lights
- **5610SL**
  - 66", (4) 4.5" linear strobe heads, (4) 7" linear strobe heads, (2) four head strobe packs, (1) halogen rotator, (2) small V-mirrors, (2) rear directional halogen flood lights, (2) lower stop/tail/turn lights

---

**Strobe Lightbars**

- 5" high
- Wider design for better light distribution allowing improved intersection clearing rotator angles and more options
- Sloped end domes for better vehicle contour image

---

**Model Numbers**

- **8300S**
  - 36", (2) 360° remote strobe heads, (1) two head strobe packs, (2) medium V-mirrors
- **8400S**
  - 46", (4) 360° remote strobe heads, (2) two head strobe packs, (3) double V-mirrors
- **8401S**
  - 46", (4) 360° remote strobe heads, (2) two head strobe packs, (3) double V-mirrors, lower directional arrow assembly with colored lenses

---

Dome Colors
- Inner Dome Colors

---

Interceptor®
Interceptor®

- 5" high
- Wider design for better light distribution allowing improved intersection clearing rotator angles and more options
- Sloped end domes for better vehicle contour image
- Adjustable lower level light allow optimal positioning of light output
- See pages 64 - 65 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

Dome Colors

Inner Dome Colors

Model Numbers

<table>
<thead>
<tr>
<th>8300SL</th>
<th>8510S</th>
<th>8610S</th>
<th>8610SL</th>
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<tbody>
<tr>
<td>83 - 36&quot;, 85 - 56&quot;, 86 - 66&quot;, L - Linear Strobe</td>
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<td>8300SL</td>
<td>36&quot;, (4) 7&quot; linear strobes, (4) 4.5&quot; linear strobes, (2) four head strobe packs</td>
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<tr>
<td>8510S</td>
<td>56&quot;, (4) 360° remote strobe heads, (2) double V-mirrors, (2) rear directional halogen flood lights, (2) two head strobe packs, (2) lower stop/tail/turn lights</td>
<td></td>
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<tr>
<td>8610S</td>
<td>66&quot;, (4) 360° remote strobe heads, (1) halogen rotator, (2) double V-mirrors, (2) medium V-mirrors, (2) directional halogen flood lights, (2) two heads strobe packs, (2) lower stop/tail/turn lights</td>
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<td>8610SL</td>
<td>66&quot;, (4) 7&quot; linear strobes, (4) 4.5&quot; linear strobes, (1) halogen rotator, (2) medium V-mirrors, (2) rear directional halogen flood lights, (2) four head strobe packs, (2) lower stop/tail/turn lights</td>
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Interceptor®

- Heavy duty aluminum extruded base will not warp, bend, or sag
- Impact resistant polycarbonate lens, provides you with one of the most durable aerodynamic shells in the industry
- Custom lightbar configurations are available
- See pages 64 - 65 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

Dome Colors

Inner Dome Colors

Model Numbers

<table>
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<tr>
<th>6020S</th>
<th>6222S</th>
<th>6224SL</th>
<th>6444S</th>
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<tr>
<td>60 - 20&quot;, 62 - 24&quot;, 64 - 44&quot;, L - Linear strobe</td>
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<tr>
<td>6020S</td>
<td>20&quot;, (2) 360° remote strobe heads, (1) wall mirror/strobe pack, (1) 12&quot; dome section</td>
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<tr>
<td>6222S</td>
<td>24&quot;, (2) 360° remote strobe heads, (1) two head strobe pack, (1) double medium V-mirror, (1) 16&quot; dome section</td>
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<tr>
<td>6224SL</td>
<td>24&quot;, (4) 4.5 linear strobe heads, (1) four head power pack, (1) 16&quot; dome section</td>
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<td>6444S</td>
<td>44&quot;, (4) 360° remote strobe heads, (2) double medium V-mirrors, (2) two head strobe packs, (2) 16&quot; dome sections</td>
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</table>
**Strobe Lightbars**

- Heavy duty aluminum extruded base will not warp, bend, or sag
- Impact resistant polycarbonate lens, providing you with one of the most durable aerodynamic shells in the industry
- Modular lens design makes any model easy to repair and a snap to reseal
- See pages 64 - 65 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

**Model Numbers**

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>9300S</th>
<th>9400S</th>
<th>9404S</th>
<th>9411S</th>
<th>9500S</th>
<th>9512S</th>
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<td>48&quot;, (2) 360° remote strobe heads, (2) V-mirrors, (2) wall mirrors, (1) two head strobe pack</td>
<td>48&quot;, (4) 360° remote strobe heads, (3) double V-mirrors, (2) two head strobe packs</td>
<td>48&quot;, (2) 360° strobe beacons, (2) V-mirrors, (2) wall mirrors, (3) ID marker lights, (2) rear directional halogen flood lights, (1) two head strobe pack, (2) stop/tail/tum lights</td>
<td>58&quot;, (6) 360° strobes, (2) double V-mirrors, (2) V-mirrors</td>
<td>58&quot;, (4) 360° remote strobe heads, (2) double V-mirrors, (3) ID marker lights, (2) rear directional halogen flood lights, (2) two head strobe pack, (2) stop/tail/tum lights</td>
</tr>
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</table>

**Dome Colors**

- Red
- Yellow
- Blue
- Green
- White

**Inner Dome Colors**

- Red
- Yellow
- Blue
- Green
- White

**Specification**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Typical Amp Draw</th>
<th>Mounting</th>
<th>Dimensions</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
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<td>2400SL</td>
<td>12V</td>
<td>21 amps</td>
<td>hook-on/perm. mount</td>
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<td>2420SL</td>
<td>12V</td>
<td>18 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ½&quot;H x 15&quot;W x 46&quot;L</td>
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</tr>
<tr>
<td>2500SL</td>
<td>12V</td>
<td>21 amps</td>
<td>hook-on/perm. mount</td>
<td>2 ½&quot;H x 15&quot;W x 56&quot;L</td>
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<td>5300S</td>
<td>12V</td>
<td>2 amps</td>
<td>perm. mount</td>
<td>4&quot;H x 15&quot;W x 36&quot;L</td>
<td>27</td>
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</tr>
<tr>
<td>5300SL</td>
<td>12V</td>
<td>14 amps</td>
<td>perm. mount</td>
<td>4&quot;H x 15&quot;W x 36&quot;L</td>
<td>30</td>
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<td>4&quot;H x 15&quot;W x 46&quot;L</td>
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<td>12V</td>
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<td>hook-on/perm. mount</td>
<td>5&quot;H x 12 ½&quot;W x 24&quot;L</td>
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<td>6224SL</td>
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<td>5&quot;H x 12 ½&quot;W x 24&quot;L</td>
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<td>1</td>
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<td>6444S</td>
<td>12V</td>
<td>4 amps</td>
<td>hook-on/perm. mount</td>
<td>5&quot;H x 12 ½&quot;W x 44&quot;L</td>
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<td>8300S</td>
<td>12V</td>
<td>2 amps</td>
<td>perm. mount</td>
<td>5&quot;H x 15&quot;W x 36&quot;L</td>
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<td>perm. mount</td>
<td>5&quot;H x 15&quot;W x 36&quot;L</td>
<td>32</td>
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<tr>
<td>8400S</td>
<td>12V</td>
<td>4 amps</td>
<td>hook-on/perm. mount</td>
<td>5&quot;H x 15&quot;W x 46&quot;L</td>
<td>35</td>
<td>1</td>
</tr>
<tr>
<td>8400S</td>
<td>12V</td>
<td>4 amps</td>
<td>hook-on/perm. mount</td>
<td>5&quot;H x 15&quot;W x 46&quot;L</td>
<td>35</td>
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<tr>
<td>8401S</td>
<td>12V</td>
<td>12 amps</td>
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<td>5&quot;H x 15&quot;W x 36&quot;L</td>
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<td>8510S</td>
<td>12V</td>
<td>16 amps</td>
<td>hook-on/perm. mount</td>
<td>5&quot;H x 15&quot;W x 56&quot;L</td>
<td>45</td>
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</tr>
<tr>
<td>8610S</td>
<td>12V</td>
<td>20 amps</td>
<td>hook-on/perm. mount</td>
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<td>53</td>
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<td>8610SL</td>
<td>12V</td>
<td>34 amps</td>
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<td>9300S</td>
<td>12V</td>
<td>2 amps</td>
<td>perm. mount</td>
<td>5&quot;H x 11&quot;W x 36&quot;L</td>
<td>20</td>
<td>1</td>
</tr>
<tr>
<td>9404S</td>
<td>12V</td>
<td>2.3 amps</td>
<td>hook-on/perm. mount</td>
<td>5&quot;H x 11&quot;W x 48&quot;L</td>
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Phone Number: 585-226-9500 www.starheadlight.com
### Strobe Lightbars

<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Typical Amp Draw</th>
<th>Mounting</th>
<th>Dimensions</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9404S</td>
<td>12V</td>
<td>4 amps</td>
<td>hook-on/perm. mount</td>
<td>5'H x 11&quot;W x 48'L</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>9411S</td>
<td>12V</td>
<td>17 amps</td>
<td>hook-on/perm. mount</td>
<td>5'H x 11&quot;W x 48'L</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>9500S</td>
<td>12V</td>
<td>12 amps</td>
<td>hook-on/perm. mount</td>
<td>5'H x 11&quot;W x 58'L</td>
<td>42</td>
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<tr>
<td>9512S</td>
<td>12V</td>
<td>19 amps</td>
<td>hook-on/perm. mount</td>
<td>5'H x 11&quot;W x 58'L</td>
<td>42</td>
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</table>

**Specifications**
- Low profile, dual level lightbar only 4" tall
- Wider design for better light distribution allowing improved intersection clearing rotator angles and more options
- Adjustable lower level light allows optimal positioning of light output
- Dual ball bearing rotator spindle for smooth, quiet, rotator operation

### Halogen Lightbars

**Sabre® Halogen Lightbars**
- Low profile, dual level lightbar only 4" tall
- Wider design for better light distribution allowing improved intersection clearing rotator angles and more options
- Adjustable lower level light allows optimal positioning of light output
- Dual ball bearing rotator spindle for smooth, quiet, rotator operation

**Interceptor® Halogen Lightbars**
- Low profile, dual level lightbar only 4" tall
- Wider design for better light distribution allowing improved intersection clearing rotator angles and more options
- Adjustable lower level light allows optimal positioning of light output
- Dual ball bearing rotator spindle for smooth, quiet, rotator operation

### Dome Colors

- Model Numbers
  - 5300H: 53 - 36", 54 - 46"
  - 5400H: 46" (2), halogen rotators, (2) fast halogen rotators, (2) Z-mirrors
  - 5401H: 46" (2), halogen rotators, (2) fast halogen rotators, (2) medium V-mirrors, (2) Z-mirrors

- Model Numbers
  - 8300H: 36", (2) halogen rotators, (2) fast halogen rotators, (2) Z-mirrors
  - 8400H: 46", (2) halogen rotators, (2) fast halogen rotators, (1) double V-mirror, (2) Z-mirrors
**Halogen Lightbars**

- 5” high
- Wider design for better light distribution allowing improved intersection clearing rotator angles and more options
- Sloped end domes for better vehicle contour image
- Adjustable lower level light allow optimal positioning of light output
- Shock mounted rotator system for long lasting, quiet, rotator operation
- Dual ball bearing rotator spindle for smooth, quiet, rotator operation
- See page 69 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

### Model Numbers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8401H</td>
<td>46”, (2) halogen rotators, (2) fast halogen rotators, (1) double V-mirror, (2) Z-mirrors, lower directional arrow assembly with colored lenses</td>
</tr>
<tr>
<td>8402HSL</td>
<td>46”, (1) halogen rotator, (2) fast halogen rotators, (2) large V-mirrors, (2) medium V-mirrors, (4) 4.5” linear strobe heads, (1) four head strobe pack</td>
</tr>
<tr>
<td>8510H</td>
<td>56”, (2) halogen rotators, (2) fast halogen rotators, (2) Z-mirrors, (2) rear directional halogen flood lights, (2) lower stop/tail/tum lights</td>
</tr>
<tr>
<td>8521H</td>
<td>56”, (4) fast halogen rotators, (2) halogen rotators, (2) Z-mirrors, (2) wall mirrors, (2) rear directional flood lights, (2) lower stop/tail/tum lights, lower directional arrow assembly with colored lenses</td>
</tr>
<tr>
<td>8610H</td>
<td>66”, (3) halogen rotators, (2) fast halogen rotators, (2) Z-mirrors, (2) medium V-mirrors, (2) rear directional halogen flood lights, (2) lower stop/tail/tum lights</td>
</tr>
</tbody>
</table>

### Dome Colors

- Orange
- Yellow
- Red
- Green
- White

**Interceptor®**

**Aerostar®**

- Heavy duty aluminum extruded base will not warp, bend, or sag
- Impact resistant polycarbonate lens, provides you with one of the most durable aerodynamic shells in the industry
- Modular lens design makes any model easy to repair and a snap to reseal
- Inserts are only available on 16” dome sections (up to two inserts front and two inserts to the rear)
- See page 69 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

### Model Numbers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6020H</td>
<td>20”, (2) halogen rotators, (1) wall mirror, (1) 12” dome section</td>
</tr>
<tr>
<td>6020HM</td>
<td>20”, (2) halogen rotators, (1) wall mirror, (1) 12” dome section, magnet mount, cig. plug with lighted on/off switch</td>
</tr>
<tr>
<td>6222H</td>
<td>24”, (2) halogen rotators, (1) double V-mirror, (1) 16” dome section</td>
</tr>
<tr>
<td>6304H</td>
<td>40”, (4) halogen rotators, (2) wall mirrors, (2) 12” dome sections</td>
</tr>
<tr>
<td>6414H</td>
<td>44”, (4) halogen rotators, (2) wall mirrors, directional halogen flashers, (2) 16” dome sections</td>
</tr>
</tbody>
</table>

### Dome Colors

- Orange
- Yellow
- Red
- Green
- White

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Phone Number: 585-226-9500 www.starheadlight.com
**Halogen Lightbars**

- Heavy duty aluminum extruded base will not warp, bend, or sag
- Impact resistant polycarbonate lens, provides you with one of the most durable aerodynamic shells in the industry
- Modular lens design makes any model easy to repair and a snap to reseal
- Inserts are only available on 16" dome sections (up to two inserts front and two inserts to the rear)
- See page 69 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

### Model Numbers

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>6420H</th>
<th>6444H</th>
<th>6500HSL</th>
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<td>6448H</td>
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**HR** HR HR HR HR

**Dome Colors**

- **DH**
- **HR**
- **DHF**
- **HR**
- **DHF**
- **HR**
- **DHF**
- **HR**
- **DH**

**Aerostar®**

**Dome Colors**

- **DH**
- **HR**
- **DHF**
- **HR**
- **DHF**
- **HR**
- **DHF**
- **HR**
- **DHF**
- **HR**

**6556H**

<table>
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<td>6530H</td>
<td>6556H</td>
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<td>6500H</td>
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<td>6606H</td>
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</table>

- **64** - 44" 65 - 52" or 56" 66 - 64"  HSL - Halogen and linear strobe

**6420H**

- 48", (4) halogen rotators, (2) medium double V-mirrors, (2) 16" dome sections

**6423H**

- 48", (4) halogen rotators, (2) front flashers, (2) rear flashers, (2) alley lights, (3) 12" dome sections

**6430H**

- 48", (5) halogen rotators, (2) V-mirrors, (2) wall mirrors, (3) 12" dome sections

**6444H**

- 44", (4) halogen rotators, (2) double V-mirrors, (2) 16" dome sections

**6448H**

- 48", (4) halogen rotators, (2) wall mirrors, (2) front flashers, (2) rear flashers, (2) 16" dome sections

**6500H**

- 52", (5) halogen rotators, (2) V-mirrors, (2) wall mirrors, (3) 12" dome sections

**6500HSL**

- 52", (3) halogen rotators, (4) 4.5" linear strobe heads, (1) four head strobe pack, (2) V-mirrors, (3) 12" dome sections

**6530H**

- 56", (5) halogen rotators, (2) V-mirrors, (2) double V-mirrors, (2) 16" dome sections, (1) 12" dome section

**6531H**

- 56", (5) halogen rotators, (2) front flashers, (2) rear work lights, (2) V-mirrors, (2) stop/tail/turn lights, (2) 16" end dome sections, (1) 12" center dome section

**6550H**

- 52", (4) halogen rotators, (2) double V-mirrors, (2) 16" dome sections

**6556H**

- 56", (4) halogen rotators, (1) wall mirror, (2) front flashers, (2) stop/tail/turn lights, (2) 12" dome sections, (1) 16" dome section

**6603H**

- 64", (3) halogen rotators, (4) V-mirrors, (6) wall mirror array, (3) 16" dome sections

**6606H**

- 64", (6) halogen rotators, (3) double V-mirrors, (3) 16" dome sections
**Halogen Lightbars**

- Heavy duty aluminum extruded base will not warp, bend, or sag
- Impact resistant polycarbonate lens, provides you with one of the most durable aerodynamic shells in the industry
- Modular lens design makes any model easy to repair and a snap to reseal
- See page 69 for Specifications
- See pages 70 - 71 for Vehicle Mounting Specifications

### Model Numbers

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>9300H</th>
<th>9400H</th>
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<th>9500H</th>
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<tr>
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<tr>
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<td>(6) Starbeam halogen rotators, (2) large wall mirrors, (2) V-mirrors</td>
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### Dome Colors

- Yellow
- Red
- Green
- Blue
- White

### Model Numbers

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>9411H</th>
<th>9511H</th>
<th>9512H</th>
<th>9512HS</th>
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<tbody>
<tr>
<td>9411H</td>
<td>48&quot;</td>
<td>(2) Starbeam halogen rotators, (2) V-mirrors, (2) wall mirrors, (2) stop/tail/turn lights, (3) ID marker lights, (2) rear directional halogen flood lights</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9511H</td>
<td>58&quot;</td>
<td>(2) Starbeam halogen rotators, (2) V-mirrors, (2) wall mirrors, (2) stop/tail/turn lights, (3) ID marker lights, (2) rear directional halogen flood lights</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9512H</td>
<td>58&quot;</td>
<td>(4) halogen rotators, (2) large wall mirrors, (3) ID marker lights, (2) rear directional halogen flood lights, (2) stop/tail/turn lights</td>
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<tr>
<td>9512HS</td>
<td>58&quot;</td>
<td>(2) halogen rotators, (2) 360° remote strobe heads, (2) double V-mirrors, (2) stop/tail/turns lights, (3) ID marker lights, (2) rear directional halogen flood lights, (1) two head strobe pack</td>
<td></td>
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</tbody>
</table>

### Dome Colors

- Yellow
- Red
- Green
- Blue
- White

### Rear View

- Yellow
- Red
- Green
- Blue
- White

Phone Number: 585-226-9500 www.starheadlight.com
<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Typical Amp Draw</th>
<th>Mounting</th>
<th>Dimensions</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
<th>Refer to page</th>
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</thead>
<tbody>
<tr>
<td>5300H</td>
<td>12V</td>
<td>16 amps</td>
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<td>5400H</td>
<td>12V</td>
<td>16 amps</td>
<td>hook-on/perm. mount</td>
<td>4” H x 15”W x 46”L</td>
<td>30</td>
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<tr>
<td>5401H</td>
<td>12V</td>
<td>18 amps</td>
<td>hook-on/perm. mount</td>
<td>4” H x 15”W x 46”L</td>
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<tr>
<td>6020H</td>
<td>12V</td>
<td>8 amps</td>
<td>perm. mount</td>
<td>5” H x 12 ½”W x 20”L</td>
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<tr>
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<td>5” H x 12 ½”W x 20”L</td>
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<tr>
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<td>12V</td>
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<td>perm. mount</td>
<td>5” H x 12 ½”W x 24”L</td>
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<td>6414H</td>
<td>12V</td>
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<td>12V</td>
<td>16 amps</td>
<td>hook-on/perm. mount</td>
<td>5” H x 12 ½”W x 48”L</td>
<td>25</td>
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<tr>
<td>6423H</td>
<td>12V</td>
<td>28 amps</td>
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<td>5” H x 12 ½”W x 48”L</td>
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### Chevrolet Models

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<th>Model Number</th>
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<td>C/K Pickup 1500</td>
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<td>Caprice</td>
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<td>Colorado</td>
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<td>Silverado/Sierra</td>
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### Dodge Models

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<td>Charger</td>
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<td>Dakota (Reg., Ext., Crew)</td>
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<td>Ram Pickup (Crew)</td>
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<td>2007</td>
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<td>Ram Pickup (Reg.)</td>
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### Ford Models

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<td>Edge</td>
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### GMC Models

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### Toyota Models

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### Jeep Models

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### Jeep Models

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### Jeep Models

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<th>Through Year</th>
<th>Roof Width</th>
<th>Model Number</th>
<th>Flex Models</th>
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<tr>
<td>Cherokee</td>
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<td>1994</td>
<td>53 1/2&quot;</td>
<td>920-35</td>
<td>920-FX1</td>
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<td>Cherokee</td>
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<td>2004</td>
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### Jeep Models

<table>
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<th>Model Number</th>
<th>Flex Models</th>
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<tbody>
<tr>
<td>Cherokee</td>
<td>1990</td>
<td>1994</td>
<td>53 1/2&quot;</td>
<td>920-35</td>
<td>920-FX1</td>
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<tr>
<td>Cherokee</td>
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<tr>
<td>Grand Cherokee</td>
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<td>920-FX1</td>
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<tr>
<td>Liberty</td>
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### Toyota Models

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<tr>
<td>Tundra</td>
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<td>2013</td>
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<td>920-FX1</td>
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<tr>
<td>Hilux</td>
<td>2010</td>
<td>2016</td>
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<tr>
<td>Tacoma</td>
<td>2010</td>
<td>2016</td>
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<td>920-FX1</td>
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Star Alarm® Back-Up Alarms

- CRS Technology™ incorporates a compact rear-facing speaker with a heavy duty housing to provide one of the most reliable sound chambers in the industry.
- Design almost completely protects the speaker from the damage caused by high pressure spray, dirt, and fine dust!
- Built for long term reliability
- Beep rate of approximately 60 per minute
- Convenient compact size available in a range of decibel options
- Perfect for a wide range of vehicle applications
- Glass reinforced nylon housing
- Industry standard mounting
- Decibel level: Sound pressure level should be selected based on the ambient noise of your work site and on regulations such as OSHA
- Patent (#8,669,852)
- See pages 75 - 76 for Specifications and Approvals

Model Numbers
66-087  66-102  66-087A  66L-082A
66-087NS  66-102DT  66-097  66L-097A
66-097-12  66-107  66L-097-12  66L-097-12
66-097DT  66-097SS  66-097-12  66L-097SS
66-097NS  66-097SSNS

Audio Tone  Description
Standard Beep  Standard single tone, familiar and widely recognized “reverse” tone
Dual Tone “DT”  Constant emission of sound by switching between two sounds

Functionality  Description
Dual Function “DF”  Alarm can beep in standard single tone, then by applying voltage to a third wire have the tone change to a two tone
Selectable decibel “S”  Select between two loudness levels by applying voltage to a third wire
Auto Adjust “A”  Automatically selects its volume based on the environment within its listed operating range
Night Silent “NS”  Ability to disable the alarm by applying voltage to a third wire (required in some jurisdictions)

Model Numbers
66-087SS  66L-097SS
66-092SS  66L-097SSNS
66-097SS  66L-097SSNS
87 - 87 decibels, 92 - 92 decibels, 97 - 97 decibels,
66 - Two wires, 102 - 102 decibels, L - lugs only, SS - Star Spectrum, SNSNS - Night silent Spectrum tone

Audio Tone  Description
Spectrum “SS”  Offers a composite of multiple tones. It differentiates itself from the standard alarm tone while being perceived as more attention getting. It may also be required by some local regulations. Similar tones from other manufacturers are called “white noise” or “multi frequency” our alarm has tighter frequency range than some other alarms on the market, so that it has more universally recognizable warning tones.

Functionality  Description
Night Silent “NS”  Ability to disable the alarm by applying voltage to a third wire (required in some jurisdictions)
Star Alarm® Back-Up Alarms

**61 Series**

- Built for long term reliability
- Beep rate of approximately 60 per minute
- Convenient compact size
- Perfect for a wide range of vehicle applications
- Rugged cast aluminum housing

**Model Numbers**

61-107-12  61-112

- Standard single tone, 107 - 107 decibels, 112 - 112 decibels

**Audio Tone**  **Description**

Standard Beep  Standard single tone, familiar and widely recognized “reverse” tone

**68 Series**

- CRS Technology™
- Industry standard mounting holes
- Amp draw: 0.4 amps
- Three wiring options (two wire, lug, and two wire 12’ cable)
- See pages 75 - 76 for Specifications and Approvals

**Model Numbers**

68-112  68L-112  68C-112

- 68 - Reverse Back-Up alarm, 112 - 112 decibels, C - Two wire cable, L - Lugs only

- Voltage: 10-32V DC
- Amp Draw: 0.4 amps @ 12V DC

**Audio Tone**  **Description**

Standard Beep  Standard single tone, familiar and widely recognized “reverse” tone

- Two hole (5 3/8” centers) mounting
- Decibel level: sound pressure level should be selected based on the ambient noise of your work site and on regulations such as OSHA
- See pages 75 - 76 for Specifications and Approvals

Toll Free Fax Line: 888-478-2797 www.starheadlight.com
Star Alarm® Back-Up Alarms

**64 Series**

- Heavy duty polycarbonate alarms
- Beep rate of approximately 60 per minute
- Convenient compact size
- Round hole grommet mount
- Available in a range of decibel options perfect for a wide range of vehicle applications

**Model Numbers**

<table>
<thead>
<tr>
<th>64-087</th>
<th>64-097-12</th>
<th>64-107</th>
<th>64G-107</th>
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</thead>
<tbody>
<tr>
<td>64-097</td>
<td>64-102</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 87 - 87 decibels, 97 - 97 decibels, 102 - 102 decibels, 107 - 107 decibels, G - Lugs and self-grounding strap |

**Audio Tone**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Beep</td>
</tr>
</tbody>
</table>

**Voltage:** 10-32V DC  
**Amp Draw:** 0.3 amps @ 12V DC

**63 Series**

- Offers an economical design with industry standard mounting
- Decibel level: sound pressure level should be selected based on the ambient noise of your work site and on regulations such as OSHA
- See pages 75 - 76 for Specifications and Approvals

**Model Numbers**

<table>
<thead>
<tr>
<th>63-087</th>
<th>63-097-12</th>
<th>63-107-12</th>
<th>63-097DT</th>
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<tr>
<td>63-097</td>
<td>63-102</td>
<td>63-107-24</td>
<td>63-102DT</td>
</tr>
</tbody>
</table>

| 87 - 87 decibels, 97 - 97 decibels, 63 - Standard single tone, 102 - 102 decibels, 107 - 107 decibels, DT - Dual tone |

**Audio Tone**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Beep</td>
</tr>
</tbody>
</table>

**Voltage:** 10-32V DC  
**Amp Draw:** 0.3 amps @ 12V DC

**Star Alarm® Back-Up Alarms**

- Built for long term reliability
- Beep rate of approximately 60 per minute
- Convenient compact size available in a range of decibel options
- Perfect for a wide range of vehicle applications
- Rugged cast aluminum housing

**60 Series**

- Industry standard mounting
- Decibel level: sound pressure level should be selected based on the ambient noise of your work site and on regulations such as OSHA
- See pages 75 - 76 for Specifications and Approvals

**Model Numbers**

<table>
<thead>
<tr>
<th>60-087</th>
<th>60-107</th>
<th>60-102DT</th>
<th>60-802A</th>
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<tbody>
<tr>
<td>60-097</td>
<td>60-097DT</td>
<td>60-707A</td>
<td>60-807A</td>
</tr>
<tr>
<td>60-102</td>
<td></td>
<td></td>
<td></td>
</tr>
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**Audio Tone**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Beep</td>
</tr>
</tbody>
</table>

**Voltage:** 10-32V DC  
**Amp Draw:** 0.3 amps @ 12V DC

**Functionality**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Adjust “A”</td>
</tr>
</tbody>
</table>

| Standard Tone, familiar and widely recognized “reverse” tone |

| Dual Tone “DT” |
| Constant emission of sound by switching between two sounds |

Phone Number: 585-226-9500  
www.starheadlight.com
Star Alarm® Back-Up Alarms

**Model Numbers**

BB6-097-10  BB6-097-30

97 - BB6-097 with 97 decibels, 10 - 10 pack, 30 - 30 pack

**Specifications**

Voltage: 12V DC (10-16V DC)
Amp Draw: 0.26 amps @ 12V DC

• Black metal dispenser sleeves
• Ships with five alarms
• Mounting hardware for slot walls included (can also be mounted to peg boards or walls, hardware not included)

• Warehouse inventory and displays are all in one location
• Labels are custom made and attached to each display kit
• Sell display packs and refill as necessary
• No need to reorder display sleeve

**Model #** | **Voltage** | **Decibels** | **Amp draw** | **Weight (lbs.)** | **Warranty (years)** | **Approvals**
--- | --- | --- | --- | --- | --- | ---
BB6-097 | 12V DC | 97 | 0.26 | 2 | 1 | N/A
60-087 | 10-32V DC | 87 | 0.3 | 2 | 1 | N/A
60-097 | 10-32V DC | 97 | 0.3 | 2 | 1 | N/A
60-102 | 12-36V DC | 102 | 0.3 | 2 | 1 | N/A
60-107-12 | 12V DC only | 107 | 0.3 | 2 | 1 | N/A
60-107-24 | 24V DC only | 107 | 0.3 | 2 | 1 | N/A
60-097DT | 10-32V DC | 97 | 0.3 | 2 | 1 | N/A
60-102DT | 10-32V DC | 102 | 0.3 | 2 | 1 | N/A
60-707A | 10-32V DC | 77-97 | 0.3 | 2 | 1 | N/A
60-802A | 10-32V DC | 82-102 | 0.3 | 2 | 1 | N/A
60-807A | 10-32V DC | 87-107 | 0.3 | 2 | 1 | N/A
61-107-12 | 12V only | 107 | 0.4 | 4 | 1 | N/A
61-112 | 10-32V DC | 112 | 0.4 | 4 | 1 | N/A
63-087 | 10-32V DC | 87 | 0.3 | 1 | 1 | N/A
<table>
<thead>
<tr>
<th>Model #</th>
<th>Voltage</th>
<th>Decibels</th>
<th>Amp draw</th>
<th>Weight (lbs.)</th>
<th>Warranty (years)</th>
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<td>3</td>
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<td>SAE J994</td>
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</tbody>
</table>
Switch Panels and Switch Boxes

**Features**

- Can be mounted under the dash or on the transmission tunnel of the vehicle
- SB1515 and SB3015 are enclosed switch boxes
- SP1515 and SP3015 are not enclosed
- Illuminating switches and are equipped with individual fused circuits

**Part Number**

- **SB4020, SB4020-15, SB4040, SB4040-15**
- **Part Number**
- **Dimensions**
- **Weight**
- 2”H x 6”W x 4 ¾”D
- 5 lbs.

- **SB4020T**
- 2 ¼”H x 6 ¼”W x 5 ¼”D
- 5 lbs.

- **SB4425T**
- 2 ¼”H x 6 ¼”W x 7 ¼”D
- 5 lbs.

**Features**

- Legends are back lit for easy night usage
- Ships complete with legends, mounting brackets, hardware, and instructions

**Part Number**

- **SB1515, SB3015**
- 2”H x 4 ½”W x 4”D
- 2 lbs.

- **SP1515, SP3015**
- 2”H x 4 ½”W x 4”D
- 4 lbs.

**Part Number**

- **SP3860-1 series**
- 2 ¼”H x 2”W x 1 ¾”D
- 1 lb.

- **SP3860-2 series**
- 2 ¼”H x 2 ½”W x 1 ¾”D
- 1 lb.

- **SP3860-3 series**
- 2 ¼”H x 3 ½”W x 1 ¾”D
- 2 lbs.

- **SP3860-4 series**
- 2 ¼”H x 4 ¾”W x 1 ¾”D
- 3 lbs.

- **SP3860-5 series**
- 2 ¼”H x 5 ¾”W x 1 ¾”D
- 4 lbs.

**Part Number**

- **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
- **SP3860-5**
- On/Off, On/Off, On/Off, On/Off, On/Off

**Features**

- Easily mounted under the dash
- Illuminating switching and pre-wired with an in-line fuse for easy installation

**Part Number**

- **SP3860-1**
- 1 - One switch
- **SP3860-2H**
- 2 - Two switches
- **SP3860-3H**
- 3 - Three switches
- **SP3860-4H**
- 4 - Four switches
- **SP3860-5**
- 5 - Five switches
- **H**
- High/Low
- **SP**
- Switch panel

**Part Number**

- **SB4020**
- (1) 40 amp switch, (5) 20 amp switches, 2’ wire harness

- **SB4020-15**
- (1) 40 amp switch, (5) 20 amp switches, 15’ wire harness

- **SB4020T**
- (1) 40 amp switch, (5) 20 amp switches, nine position terminal block

- **SB4040**
- (4) 20 amp switch, (1) three mode 40 amps, progressive slide switch, 2’ wire harness, customer adjustable jumper
- (1 and 2 work independently)

- **SB4040-15**
- (4) 20 amp switch, (1) three mode 40 amps, progressive slide switch, 15’ wire harness

- **SB4425T**
- (1) on/off master power switch (switches 2-5), (4) 40 amp switches, (5) 20 amp switches, twelve position terminal block

- **SB1515**
- Enclosed switch box with (4) 15 amp switches

- **SP1515**
- Switch panel with (4) 15 amp switches

- **SB3015**
- Enclosed switch box with (1) 30 amp switch, (3) 15 amp switches

- **SP3015**
- Switch panel with (1) 30 amp switch, (3) 15 amp switches

- **SP3860-1**
- On/Off

- **SP3860-2**
- On/Off, On/Off

- **SP3860-3**
- On/Off, On/Off, On/Off

- **SP3860-4**
- On/Off, On/Off, On/Off, On/Off

- **SP3860-5**
- On/Off, On/Off, On/Off, On/Off, On/Off

**Part Number**

- **Model Number**
- **SB4020**
- **SB4020T**
- **SB4040-15**
- **SB4020-15**
- **SB4040**
- **SB4425T**

- 15 - 15’ wire harness, 20 - 20 amp fuses, 40 - 40 amp fuses, SB - Switch box, T - Terminal block

**Part Number**

- **Model Number**
- **SB1515**
- **SB3015**
- **SP1515**
- **SP3015**
- SB - Switch box, SP - Switch panel

**Features**

- Can be mounted under the dash or on the transmission tunnel of the vehicle
- SB1515 and SB3015 are enclosed switch boxes
- SP1515 and SP3015 are not enclosed
- Illuminating switches and are equipped with individual fused circuits

**Part Number**

- **SP3860-1**
- On/Off

- **SP3860-2**
- On/Off, On/Off

- **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

- **SP3860-5**
- On/Off, On/Off, On/Off, On/Off, On/Off

**Features**

- Easily mounted under the dash
- Illuminating switching and pre-wired with an in-line fuse for easy installation

**Part Number**

- **SP3860-1**
- 1 - One switch

- **SP3860-2H**
- 2 - Two switches

- **SP3860-3H**
- 3 - Three switches

- **SP3860-4H**
- 4 - Four switches

- **SP3860-5**
- 5 - Five switches

- H - High/Low

- SP - Switch panel

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## Starflash™ Flasher Modules

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<th>Model</th>
<th>Description</th>
<th>Flash Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM3662</td>
<td>12V DC solid state flasher for up to 100 watts per side</td>
<td>2.4 flashes per second, per lamp</td>
</tr>
<tr>
<td>FM3666</td>
<td>12V DC mechanical flasher</td>
<td>1.2 flashes per second, per lamp</td>
</tr>
<tr>
<td>FM3667</td>
<td>12V DC solid state flasher for back-up/brake light, 60 watt per output</td>
<td>2.4 flashes per second, per lamp</td>
</tr>
<tr>
<td>FM3669C</td>
<td>DRL compatible headlight flasher, 12V DC solid state flasher for up to 130 watts per side, night time cut off, disables factory installed DRL function</td>
<td>7 patterns to choose from ranging from 0.8 to 3.6 flashes per second</td>
</tr>
<tr>
<td>FM6901</td>
<td>12V DC solid state flasher, alternately flashes headlights, high beam override and night time cut off, handles up to 165 watts per output</td>
<td>1.9 flashes per second, per lamp</td>
</tr>
<tr>
<td>FM6902</td>
<td>12V DC solid state flasher, alternately flashes headlights, high beam override and night time cut off, handles up to 165 watts per output</td>
<td>2.9 flashes per second, per lamp</td>
</tr>
<tr>
<td>FM6903</td>
<td>12V DC solid state flasher, simultaneously flashes headlights, high beam override and night time cutoff, handles up to 165 watts per output</td>
<td>2.9 flashes per second, per lamp</td>
</tr>
<tr>
<td>FM6904</td>
<td>Flashes left headlight three times, flashes right headlight three times, then flashes both headlights together three times, handles up to 150 watts per output</td>
<td>2.9 flashes per second, per lamp</td>
</tr>
<tr>
<td>FM6905</td>
<td>Ford Crown Victoria Police Package, 2006 and newer, 12V DC solid state flasher, high beam override and night time cut off, handles up to 110 watts per output, Plug-n-Play</td>
<td>7 patterns to choose from ranging from 0.8 to 3.6 flashes per second</td>
</tr>
<tr>
<td>FM6906</td>
<td>Chevrolet Impala Police Package, 2006 and newer, 12V DC solid state flasher, alternately flashes headlights, high beam override, handles up to 55 watts per output</td>
<td>3.0 flashes per second, per lamp</td>
</tr>
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</table>

## Work Lights

<table>
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<tr>
<th>Model</th>
<th>Description</th>
<th>Flash Rate</th>
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<tbody>
<tr>
<td>510</td>
<td>Clear, sealed beam, 2 lbs., 3000cp</td>
<td></td>
</tr>
<tr>
<td>510-1</td>
<td>Clear, sealed beam with on/off switch, 2 lbs., 3000cp</td>
<td></td>
</tr>
<tr>
<td>510-1M</td>
<td>Clear, sealed beam with magnet mount and cig. plug and on/off switch, 3 lbs., 3000cp</td>
<td></td>
</tr>
<tr>
<td>510-4509</td>
<td>Clear, high intensity sealed beam, 2 lbs., 3000cp</td>
<td></td>
</tr>
<tr>
<td>510-M</td>
<td>Clear, sealed beam with magnet mount and cig. plug, 3 lbs., 3000cp</td>
<td></td>
</tr>
<tr>
<td>510-TK</td>
<td>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, 8 lbs., 3000cp (x2)</td>
<td></td>
</tr>
<tr>
<td>511</td>
<td>Sealed beam with lens shield, 2 lbs., 3000cp, Lens colors:</td>
<td></td>
</tr>
<tr>
<td>511-1M</td>
<td>Clear sealed beam with magnet mount and cig. plug, 3 lbs. 3000cp, Lens colors:</td>
<td></td>
</tr>
</tbody>
</table>
### Accessories

**SR7**  Vertical mount two unit organizer, 12 ½"H x 4 ¾"W x 3 ½"D, 2 lbs.
**SR9**  Vertical mount three unit organizer, 13 ¼"H x 4 ¾"W x 3 ¼"D, 2 lbs.
**SR10**  Horizontal mount three unit organizer, 7"H x 12"D, 2.5 lbs.
**SR12**  Horizontal mount four unit organizer, 7"H x 14"D, 2.5 lbs.
**274-SL**  Self-leveling bracket, 11"H x 4 ¼"D, 9 lbs., two holes on 6 ½" centers
**274-SL1**  Self-leveling bracket for Star Mini-Bars®, 11"H x 4 ¼"D, 5 lbs.  Three holes on 5 ¾" centers
**274-LMB**  L-bracket for mirror blackout, 8"H x 8"W x 8"D, 2 lbs.

### Mount Boxes

**121BX**  Holds (1) 6" oval head, 3 ¾"H x 9"W x 3 ¾"D, 6 lbs.
**122BX**  Holds (2) 6" oval heads, 3 ¾"H x 17"W x 3 ½"D, 9 lbs.
**123BX**  Holds (3) 6" oval heads, 3 ¾"H x 25 ¼"W x 3 ¾"D, 12 lbs.

### 63-642
Uni-directional switch for Back-Up Alarms, activates alarm in one direction only

### 500-J
Car Inspector Lantern with LED 2012 head, 7 ¼"H x 4 ¾"W x 6 ¾"D, 4 lbs. with battery (not including)

### 131BX
Holds (1) 6" oval head, 4"H x 9"W x 3 ¼"D, 2 lbs.
**132BX**  Holds (2) 6" oval heads, 4"H x 16 ¾"W x 3 ¼"D, 5 lbs.
**133BX**  Holds (3) 6" oval heads, 4"H x 25 ¼"W x 3 ¾"D, 8 lbs.
**141BX**  Holds (1) 4" round head, 6"H x 6 ¼"W x 3 ½"D, 2 lbs.
**142BX**  Holds (2) 4" round heads, 6"H x 12 ¼"W x 3 ½"D, 5 lbs.
**143BX**  Holds (3) 4" round heads, 6"H x 16 ¾"W x 3 ½"D, 8 lbs.

### Features
- Heavy steel mount boxes are shipped unpainted and ready to weld
- Optional self-leveling bracket assembly is available: 274-SBX

### Features
- Light gauge steel mount boxes are shipped with knockouts for mounting
- Optional self-leveling bracket assembly is available: 274-SBX
**Beacon Buddy**

- Great for aluminum body trucks like the Ford F150 and Chevy Silverado
- Heavy duty aluminum post
- Eliminates need to drill any holes
- Adaptable mounting plates allow capability with numerous different style warning lights

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**Lights not Included**

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**Model Numbers**

- **BB-DSB-CHV**
- **BB-DSB-F150**
- **BB-DS-CHV**
- **BB-DS-F150**
- **BB-DSM-CHV**
- **BB-DSM-F150**

- **BB-DTB-CHV**
- **BB-DTB-F150**
- **BB-DT-CHV**
- **BB-DT-F150**
- **BB-DTM-CHV**
- **BB-DTM-F150**

- **BB-PTB-CHV**
- **BB-PTB-F150**
- **BB-PT-CHV**
- **BB-PT-F150**
- **BB-PTM-CHV**
- **BB-PTM-F150**

B - Beacon plate, D - Driver side, CHV - Chevy Pick-Up truck, F150 - Ford 150, M - Minibar plate, P - Passenger side, S - Short, T - Tall

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**ST3901**

- Kits Colors: Amber, Blue, Clear, Red

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**ST3901-7**

- 9200S Series and Lightbars with 360° strobe heads (except lightbars with self contained strobes)

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**ST3901-12**

- Weatherproof connector colors: Amber, Blue, Clear, Red

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**ST413P-W**

- Amp connector colors: Amber, Blue, Red

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**ST415P-W**

- Weatherproof connector color: Clear

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**ST413P**

- Amp connector color: Clear
### Sales Policy
All Star Headlight & Lantern Co., Inc. products are sold through distributors. Possession of our catalog and/or price list does not constitute our offer to sell to or the right to purchase directly from Star Headlight & Lantern Co., Inc.

### Returns
You must contact Star Headlight & Lantern Co., Inc. prior to return any merchandise. All returns require a Return Material Authorization (RMA) number. The RMA must be clearly marked on the package and associated paperwork. All returned merchandise is subject to inspection. Any items returned for repair that are deemed to be out of warranty are subject to parts replacement cost. If a returned item is out of warranty, the sender will be notified prior to any work being performed with an estimated cost of repair. No repairs will be done until proper authorization is obtained from the sender. Any merchandise returned for restock/credit that is not in new and sale-able condition will be returned to the distributor issued and no credit will be issued. All items returned for restock are subject to a 15% restocking fee.

### Installation
It is the sole responsibility of the owner to ensure their warning light is secure. Check the light every time you use the vehicle to ensure that it is mounted securely. Star Headlight & Lantern Co., Inc. assumes no responsibility for the secure mounting of this light on the roof of your vehicle with a magnet mount, take extreme care to ensure that the magnet is firmly seated on your roof, and that the pull of the magnet is sufficient to secure the light in place. As the composition of the metal in the roofs of different vehicles may vary, as well as the contour, texture and/or conditions, Star Headlight & Lantern Co., Inc. cannot guarantee the ability of any magnetically mounted light to remain in place upon a moving vehicle and it is done at the sole discretion of the owner.

### Warranty
The manufacturer warranties each new product, under normal use, against factory defects in material and workmanship for one year and five years on LED components after the date of purchase. The owner will be responsible for returning to the Service Center any defective item(s) with the transportation costs prepaid. The manufacturer will, without charge, repair or replace at its option, products, or part(s), which its inspection determines to be defective. Repaired or replacement item(s) will be returned to the purchaser with transportation costs prepaid from the service point. A copy of the purchaser’s receipt must be returned with the defective item(s) in order to qualify for the warranty coverage. Exclusions from this warranty include, but are not limited to, bulbs, strobe tubes, domes, and/or the finish. This warranty shall not apply to any light, which has been altered, such that in the manufacturer’s judgment, the performance or reliability has been affected, or in any damage has resulted from abnormal use or service. This warranty does not apply to defect or damage occurring as a result of disaster, accident, abuse, misuse, lightning, power surges, or failure to follow enclosed manuals.

Any damage or defects occurring as a result of any unauthorized service or repairs by unauthorized persons shall be excluded from this warranty. There are no warranties expressed or implied (including any warranty of merchantability or fitness), which extend this warranty period. The loss of use of the product, loss of time, inconvenience, commercial loss or consequential damages, including the cost of any labor, are not covered. The manufacturer reserves the right to change the design of the product without assuming any obligation to modify any product previously manufactured. This warranty gives you specific legal rights. You might also have additional rights which may vary from state to state. Some states do not allow limitations on how long and implied warranty lasts. Some states do not allow the exclusion or limitation of incidental damages. Therefore, the above limitation(s) or exclusion(s) may not apply to you.

### Notes
Bulbs and flash tubes are not covered under warranty. Speakers are not covered against water damage.

## Terms and Warranty Information

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<th>Bulb Description</th>
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<td>2073-795X58</td>
<td>451AHF, 9216H, 9224H</td>
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<td>2073-797</td>
<td>1169HM, 1188H, 1169H, 1169HM, 1188HM</td>
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<td>2073-H27</td>
<td>1188H, 1188H, Lower level bulb for Interceptor®</td>
</tr>
<tr>
<td>2073-H27-24V</td>
<td>Lower level bulb, 24V for lightbars</td>
</tr>
<tr>
<td>2073-H3-1 (12V)</td>
<td>2073-H3-2 (24V)</td>
</tr>
<tr>
<td>2073-H50S</td>
<td>Sabre bulb for the 520-99 rotator</td>
</tr>
<tr>
<td>2073-H3-1142</td>
<td>Traffic Director</td>
</tr>
<tr>
<td>2073-1157</td>
<td>920-32 (STT)</td>
</tr>
<tr>
<td>2073-1195</td>
<td>1166, 20RH, 450A, 450B, 9200I</td>
</tr>
<tr>
<td>2073-27W</td>
<td>24V for lightbars</td>
</tr>
<tr>
<td>2073-59013</td>
<td>Starbar® lightbar replacement alley light bulb</td>
</tr>
<tr>
<td>2073-FTEFG</td>
<td>Razor alley light</td>
</tr>
</tbody>
</table>

### Strobe Tube Guide

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<th>Bulb Description</th>
<th>Replacement Options</th>
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</thead>
<tbody>
<tr>
<td>2073-4411, 2073-4505, 2073-4509, 2073-7400</td>
<td>12V - 400A, 400B, 24V - 400A, 400B</td>
</tr>
<tr>
<td>2073-59013</td>
<td>Starbar® lightbar replacement alley light bulb</td>
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<tr>
<td>2073-94</td>
<td>12V bulb 20RH, 20ZI, 20ZIM, 20FI, 20FI-I</td>
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<td>2073-4509, 2073-4505, 2073-7400</td>
<td>12V bulb 20RH, 20ZI, 20ZIM, 20FI, 20FI-I</td>
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<tr>
<td>2073-1195</td>
<td>1166, 20RH, 450A, 450B, 9200I</td>
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- Production area
- Plastic molding pellet silos provide ample raw material to meet any change in demand of molded product
- Metal stamping utilizing turret presses for flexibility and short run stamping
- Punch press for larger runs
- Bending machine
- Surface mount placement equipment (SMT) meeting all the newest board and component designs
- Thru-hole automation insertion equipment
- Light Tunnel: Photometric Validations to SAE standard for LED, Fluorescent, Strobe, Halogen and Incandescent
- Meets the requirements of Automotive, Emergency Equipment, Rail, Industrial Fire Alarms, Certified by AMECA
- EMI Chamber
  - Ability to test our own products to both European and American specifications, in house
- Anechoic Chamber certified by AMECA to test sound output for sirens, warning alarms and back-up alarms
- Molding in polycarbonate, ABS, Glass Filled Nylon and Over Molding in Polyurethane, Press capability from 80 - 700 tons
- Color Blending capability at the presses, chromaticity validation for color
- Aluminum extrusion, Machining, Cutting, Drilling, and Tapping
- Pad printing machine: Ability to print information directly on products
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