

# Vehicle Scene Lighting

## Diamondback™ LED Scene Lamp Heads

Akron Brass continues to expand its high performance LED lighting products with the new Diamondback LED scene lamps. Unlike other LED scene lamps the DiamondBack LED scene lamp is surface mounted. No large body cut outs required.

- Patented Diamondback styling to complement warning lamps
- Very high optical efficiency maximizes illumination with minimum current draw
- High precision optical elements direct lighting onto work surfaces which minimizes scatter
- Efficient electronic regulation reduces current draw and maintains LED intensity throughout the lamps operating voltage range of 11-32V (intensity may diminish below 11V input)
- Eight (8) element lamps operate at 12W (1A), Sixteen (16) element lamps operates at 24W (2A)
- Like all Diamondback products, these scene lamps offer:
  - 5 year warranty
  - High-impact polycarbonate lens with anti-scratch hardcoating
  - V-LED devices to maximize thermal and optical performance
  - Fully upgradable/serviceable components
  - Integral mounting pad
  - Optional chrome plated bezels with molded mounting pads



V79S



V46S



V37S

| Order Nos. | Description                            | Amp Draw 12V | Amp Draw 24V |
|------------|--|--------------|--------------|
| V37S       | Diamondback led scene, 3X7, 8 element  | .92          | .45          |
| V46S       | Diamondback led scene, 4X6, 8 element  | .92          | .45          |
| V79S       | Diamondback led scene, 7X9, 16 element | 1.84         | .96          |

Bezel kits available separately

Bezel Kits Part Numbers

| Order Nos.   | Description                            |
|--------------|--|
| 0B80-2335-00 | Chrome bezel kit for 3"X7" Diamondback |
| 0B80-2336-00 | Chrome bezel kit for 4"X6" Diamondback |
| 0B80-2337-00 | Chrome bezel kit for 7"X9" Diamondback |
| 0C20-2170-30 | V37 replacement cover lens, clear      |
| 0C20-2177-30 | V46 replacement cover lens, clear      |
| 0C20-2184-30 | V79 Replacement cover lens, clear      |



## HID Scene Lighting

- Generates truer, daylight illumination
- 250 Candle Power – 3200 Lumens
- Instant restrike
- Consumes 33% less power than halogen (35w HID vs. 50w halogen)
- Rated at 3,000 hours of service
- Bulb is serviceable
- Ballast and interconnects included
- Designed for 12v applications

| Order Nos.   | Description               | Amp Draw 12V |
|--------------|---------------------------|--------------|
| 3862-0000-33 | 3" X 7" HID, bezel, clear | 2.6*         |
| 4662-0000-33 | 4" X 6" HID, bezel, clear | 2.6*         |
| 7862-0000-33 | 7" X 9" HID, bezel, clear | 2.6*         |
| 0E93-1571-00 | Repl. bulb/adaptor assy   |              |

\*after bulb warm up



## 3800 Series Scene Lamps

These 3" x 7" lamps feature a combination of 15 to 26 degree optics to effectively illuminate the work area. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration.

- Superior light output
- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement

| Order Nos.   | Description                                  | Amp Draw 12V |
|--------------|--|--------------|
| 3811-0000-33 | 3"X7" halogen, #886 bulb, panel mount, clear | 3.9          |
| 3812-0000-33 | 3"X7" halogen, #886 bulb, bezel mount, clear | 3.9          |

See service parts page 127



## 4600 Series Scene Lamps

Weldon's 4" x 6" lamps feature a combination of 15 to 26 degree optics to effectively illuminate the work area. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration.

- Superior light output
- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement

| Order Nos.   | Description                                  | Amp Draw 12V |
|--------------|--|--------------|
| 4611-0000-33 | 4"X6" halogen, #886 bulb, panel mount, clear | 3.9          |
| 4612-0000-33 | 4"X6" halogen, #886 bulb, bezel mount, clear | 3.9          |

See service parts page 127



## 7800 Series Scene Lamps

Weldon's 7" x 9" lamps feature a combination of 15 to 26 degree optics to effectively illuminate the work area. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration.

- Superior light output
- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement



7812-0000-33

| Order Nos.   | Description                                  | Amp Draw 12V |
|--------------|--|--------------|
| 7811-0000-33 | 7"X9" halogen, #886 bulb, panel mount, clear | 3.9          |
| 7812-0000-33 | 7"X9" halogen, #886 bulb, bezel mount, clear | 3.9          |

## Service Parts for 3800, 4600 & 7800 Series SCENE LIGHTS

| Order Nos.   | Service Parts for 3800, 4600 & 7800 Series                         |
|--------------|--|
| OC90-0350-33 | Repl. lens/refl assy, clear, scene/backup, for 4600                |
| OC90-1028-33 | Repl. lens/refl assy, clear, scene/backup, for 3800                |
| OC90-1138-33 | Repl. lens/refl assy, sf-scene, for 7800                           |
| OD30-0377-00 | Repl. mounting pad, 4600, bezel                                    |
| OD30-0385-00 | Repl. mounting pad, 4600, panel                                    |
| OD30-1026-00 | Repl. mounting pad, 3800, bezel                                    |
| OD30-1027-00 | Repl. mounting pad, 3800, panel                                    |
| OD30-1136-00 | Repl. mounting pad, 7800, bezel                                    |
| OD30-1137-00 | Repl. mounting pad, 7800, panel                                    |
| OE22-1357-00 | Repl. bulb: #886, halogen, right angle base, 100 cp @ 12.8 v, 3.9a |
| OK90-1806-00 | Scene lamp socket/harness kit, 886 bulb                            |

## 2010 Series, 7" x 8"

- Available with chrome or black base
- Your choice of 35 and 50 watts
- Numerous castings available



2010-1170-30

| Order Nos.   | Desc.  | Amp Draw 12V |
|--------------|--|--------------|
| 2010-0370-30 | 7" X 8", 35w, #4436 bulb, chrome base, rec. mount, clear     | 2.3          |
| 2010-0390-30 | 7" X 8", 50w, #h7635 bulb, chrome base, rec. mount, clear    | 4.2          |
| 2010-1170-30 | 7" X 8", 35w, #h4436 bulb, black base, rec. mount, clear     | 2.3          |
| 2010-1190-30 | 7" X 8", 50w hal, #h7635 bulb, black base, rec. mount, clear | 4.2          |
| 1012-0000-00 | Repl. bulb clip  |              |
| 2003-0000-00 | Repl. gasket, lens, clear                                    |              |
| 2011-0000-30 | Repl. lens, acrylic, clear                                   |              |
| 2023-0000-00 | Repl. mounting pad   |              |
| 9018-0001-00 | Repl. bulb: s beam, #4436, 35w                               |              |
| 9018-0031-00 | Repl. bulb, s beam, #h7635, 50w                              |              |

## 3010 Series, 6" X 9"

With two 27-watt halogen bulbs, a strong light pattern is produced.

- Available with 15 or 26 degree tilt-down optics
- Two bulb design



3010-1500-30

| Order Nos.   | Desc.   | Amp Draw 12V |
|--------------|---|--------------|
| 3010-1500-30 | 15 degree tilt optics, halogen, GH22 bulb, 12V, clear | 4.2          |
| 3010-2600-30 | 26 degree tilt optics, halogen, GH22 bulb, 12V, clear | 4.2          |
| 3011-0000-30 | Repl. lens, polycarb., 15 degree, clear               |              |
| 3012-0000-30 | Repl. lens, polycarb., 26 degree, clear               |              |
| 3023-0001-00 | Repl. mounting pad                                    |              |
| 3024-0001-00 | Repl. gasket, lens                                    |              |
| 9018-0035-00 | Bulb, GH22 halogen 27w, 35 CP                         |              |