OFF-ROAD LED LIGHTING GUIDE
YOU WANT IT, WE'VE GOT IT
LED Lighting to Outfit Your Entire Rig!

ABOUT J.W. SPEAKER
Established in 1935, J.W. Speaker is the world’s leading manufacturer of innovative off-road LED lighting products. If you demand superior visibility, extreme durability and unmatched longevity, look no further than J.W. Speaker:

• OEMs such as Harley-Davidson, Polaris, and Chrysler use J.W. Speaker products because our engineered beam patterns are second to none.

• Extensive use in Iraq & Afghanistan are a testament to the military-grade construction and dependability of J.W. Speaker’s LED lighting products.

• J.W. Speaker products are built to last. We back up this statement by offering the industry’s leading warranty. Period.
LED HEADLIGHTS

Off-Road enthusiasts trust J.W. Speaker’s premium performance LED headlights because of their superior visibility, rugged durability, and unique look that comes with every product.

SUPERIOR VISIBILITY

![Leading Competitor’s Beam Pattern](image1)

![J.W. Speaker’s Beam Pattern](image2)

RUGGED DURABILITY

- The same heavy duty construction we use for the U.S. Military
- Solid state electronics withstand shock and vibration
- No breakable bulbs, fragile filaments or sensitive electrodes
- Last 50+ times longer than stock halogen headlights
- Designed, manufactured and assembled in the U.S.A.

UNIQUE LOOK
## MODEL 8632 EVOLUTION

### 5.75" ROUND LED HEADLIGHT

- Integrated low beam, high beam, turn signal, & front position
- 100% street-legal beam patterns
- Universal pedestal mount for versatile installation

### Specifications

<table>
<thead>
<tr>
<th>Raw Output</th>
<th>2,025 (Low)/2,925 (High) Lumens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Output</td>
<td>630 (Low)/1,000 (High) Lumens</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>10-32V DC</td>
</tr>
<tr>
<td>Mating Connector</td>
<td>Delphi 12052848</td>
</tr>
<tr>
<td>Standards</td>
<td>DOT-Compliant, Transport Canada Compliant</td>
</tr>
</tbody>
</table>

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Headlight Kit</td>
<td>0551983</td>
</tr>
</tbody>
</table>
MODEL 8700 EVOLUTION 2
7" ROUND LED HEADLIGHT

• Market-leading light output
• Beam patterns maximize visibility
• New ComfortLite™ high beams
• Jeeps require Anti-Flicker Harness (2007 and newer Jeep Wrangler JKs)

Raw Output: 1,770 (Low)/2,610 (High) Lumens
Effective Output: 750 (Low)/1,150 (High) Lumens
Operating Voltage: 9-32V DC
Mating Connector: H4
Standards: DOT-Compliant, Transport Canada Compliant

Plug & Play Replacement for:
• 1981-1985 Jeep CJ-8
• 1997-2006 Jeep Wrangler (TJ)

Mounting Options:
• 1981-1985 Jeep CJ-8
• 1997-2006 Jeep Wrangler (TJ)

Description | Part #
--- | ---
1 Headlight, Black Bezel | 0549701
1 Headlight, Chrome Bezel | 0549711
1 H4/H13 Anti-Flicker Harness | 8000311

Call us at 262.251.6660
MODEL 8700 EVOLUTION J
7" ROUND LED HEADLIGHT

- 1st Jeep-specific LED Headlight
- No Anti-Flicker Harness required
- Truly a Plug & Play installation
- New ComfortLite™ high beams
- Beam pattern includes "Half Halo"

Raw Output: 1,770 (Low)/2,610 (High) Lumens
Effective Output: 750 (Low)/1,150 (High) Lumens
Operating Voltage: 9-32V DC
Mating Connector: H13
Standards: DOT-Compliant, Transport Canada Compliant

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Headlight Kit, Black Bezels</td>
<td>0551131</td>
</tr>
<tr>
<td>1 Headlight, Black Bezel</td>
<td>0550771</td>
</tr>
<tr>
<td>2 Headlight Kit, Chrome Bezels</td>
<td>0551141</td>
</tr>
<tr>
<td>1 Headlight, Chrome Bezel</td>
<td>0550781</td>
</tr>
</tbody>
</table>

Plug & Play Replacement for:

Mounting Options:
**MODEL 8900 EVOLUTION**

7” x 5” LED HEADLIGHT

- New & improved light output
- Engineered beam patterns
- Choice of black or chrome bezel
- Easy Plug & Play installation

---

**Raw Output:** 1,350 (Low)/1,770 (High) Lumens  
**Effective Output:** 650 (Low)/850 (High) Lumens  
**Operating Voltage:** 9-32V DC  
**Mating Connector:** H4  
**Standards:** DOT-Compliant, Transport Canada Compliant

---

**Plug & Play Replacement for:**  
Plug & Play replacement for H6054 (7” x 5”) headlights in most applications

**Mounting Options:**

---

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Headlight, Black Bezel</td>
<td>0550111</td>
</tr>
<tr>
<td>1 Headlight, Chrome Bezel</td>
<td>0550071</td>
</tr>
</tbody>
</table>
LED TAIL LIGHTS

What do you get when you combine cutting-edge technology, innovative styling, and performance-driven design? The answer is a trail-ready LED tail light that makes you look just as good driving to work as it does rock crawling.

INNOVATIVE "LIGHT BLADE" TECHNOLOGY

"BLACKED OUT" STYLING

MADE IN THE U.S.A.
MODEL 279
J SERIES
6" x 8" LED JEEP TAIL LIGHT

- Designed exclusively for Jeeps!
- Unique Jeep-specific fitment
- The perfect additions to any Jeep!

**Functions:** Stop (Red), Tail (Red), Reverse (White)

**Operating Voltage:** 9-32V DC

**Mating Connector:** Yazaki 7282-5553-30

**Standards:** DOT-Compliant, Transport Canada Compliant

**Plug & Play Replacement for:**
- 2007-2016 Jeep Wrangler JK

**Mounting Options:**

---

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Light Kit, Jeep LED Tail Lights</td>
<td>0347531</td>
</tr>
</tbody>
</table>
MODEL 279
6” x 8” LED TAIL LIGHT

- Designed to fit a variety of vehicles
- Retrofits any vehicle that has flat-mounted tail lights
- Functionally identical to our Jeep-specific Model 279 J Series

**Functions:** Stop (Red), Tail (Red), Reverse (White)

**Operating Voltage:** 9-32V DC

**Wiring:** 10” bare wires

**Standards:** DOT-Compliant, Transport Canada Compliant

**Retrofit Information:**
Retrofits any vehicle that has flat-mounted tail lights

**Mounting Options:**

---

**Description**

2 Light Kit, Universal LED Tail Lights

<table>
<thead>
<tr>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>0347551</td>
</tr>
</tbody>
</table>
LED FOG LIGHTS

Proprietary solid optics, heavy duty construction, and high quality LEDs combine to deliver superior visibility, rugged durability and unmatched longevity.

PROPRIETARY SOLID OPTICS

HEAVY DUTY CONSTRUCTION

• Hard-coated, impact-resistant polycarbonate lenses
• Die-cast aluminum housing provides maximum protection
• Long-lasting LEDs provide years of reliable illumination
• Never replace another bulb again!
• Designed, manufactured and assembled in the U.S.A.

HIGH QUALITY LEDs
MODEL 6145
4" ROUND LED FOG LIGHT

- Intended for pre-2013 Jeeps
- Does not address PWM found in 2014 & newer model year Jeeps
- Available in black or chrome bezel
- Designed exclusively for Jeeps!
- Retrofits stock Jeep fog lights

Raw Output: 1,080 Lumens
Effective Output: 610 Lumens
Operating Voltage: 10-15V DC
Mating Connector: Packard (#12059183)
Standards: DOT-Compliant, Transport Canada Compliant

Retrofit Information:
- Plug & Play:
  2007-2010 Jeep Wrangler
  2009 Dodge Journey
  2005-2008 Dodge Magnum
  2006-2002 PT Cruiser
- Splicing Required:
  2011-2015 Jeep Wrangler
  2010-2012 Dodge Journey
  2011-2012 Jeep Grand Cherokee
  2011-2012 Dodge Charger
  2005 Chrysler 300

Mounting Options:

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Fog Light, Black Bezel</td>
<td>0547971</td>
</tr>
<tr>
<td>1 Fog Light, Chrome Bezel</td>
<td>0547941</td>
</tr>
</tbody>
</table>

For full specs visit www.jwspeaker.com
MODEL 6145
J SERIES
4" ROUND LED FOG LIGHT

- Integrated technology to address PWM in newer model year Jeeps
- Available in black or chrome bezel
- Designed exclusively for Jeeps!
- Retrofits stock Jeep fog lights

Raw Output: 1,080 Lumens
Effective Output: 610 Lumens
Operating Voltage: 10-15V DC
Mating Connector: Packard (#12059183)
Standards: DOT-Compliant, Transport Canada Compliant

Retrofit Information:
- Plug & Play:
  2007-2010 Jeep Wrangler
  2009 Dodge Journey
  2005-2008 Dodge Magnum
  2006-2012 PT Cruiser
- Splicing Required:
  2011-2015 Jeep Wrangler
  2010-2012 Dodge Journey
  2011-2012 Jeep Grand Cherokee
  2011-2012 Dodge Charger
  2005 Chrysler 300

Mounting Options:

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Light Kit, Black Bezels</td>
<td>0550871</td>
</tr>
<tr>
<td>2 Light Kit, Chrome Bezels</td>
<td>0550861</td>
</tr>
</tbody>
</table>
MODEL 6150
4" ROUND LED FOG LIGHT

• Does not address PWM found in 2014 & newer model year Jeeps
• Pedestal mount provides flexibility
• Works on a wide range of vehicles
• Available in black or chrome bezel

Raw Output: 1,080 Lumens
Effective Output: 610 Lumens
Operating Voltage: 10-15V DC
Wiring: 6" bare wires
Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:
• Front Bumper

Description | Part #  
---|---
1 Fog Light, Black Bezel with Black Housing | 0547981  
1 Fog Light, Chrome Bezel with Black Housing | 0547951  
1 Fog Light, Chrome Bezel with Nickel Housing | 0548991
MODEL 6150 J SERIES
4" ROUND LED FOG LIGHT

- Integrated technology to address PWM in newer model year Jeeps
- Works on a wide range of vehicles
- Pedestal mount provides flexibility
- Available in black or chrome bezel

Raw Output: 1,080 Lumens
Effective Output: 610 Lumens
Operating Voltage: 10-15V DC
Wiring: 6" bare wires
Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:
- Front Bumper

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Light Kit, Black Bezels with Black Housing</td>
<td>0550891</td>
</tr>
<tr>
<td>2 Light Kit, Chrome Bezels with Black Housing</td>
<td>0550881</td>
</tr>
<tr>
<td>2 Light Kit, Chrome Bezels with Nickel Housing</td>
<td>0550901</td>
</tr>
</tbody>
</table>
LED AUXILIARY LIGHTS

Experience the power of J.W. Speaker’s LED auxiliary lights! Available in a variety of different shapes, sizes and beam patterns, our lineup of trail-ready lighting will provide you with years of premium performance both on and off the road.

AMAZING POWER

CUTTING EDGE DESIGN

TRAIL-READY PERFORMANCE
MODEL 526
6” X 6” LED AUXILIARY LIGHT

- Die-cast housing & impact-resistant lens provide rugged durability
- Universal pedestal mount for versatile installation
- Powerful LEDs provide over 5,000 Lumens of bright white light
- IP69K seal rating to protect against dust & water ingress

<table>
<thead>
<tr>
<th>Raw Output:</th>
<th>9,000 Lumens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Output:</td>
<td>5,800 Lumens</td>
</tr>
<tr>
<td>Operating Voltage:</td>
<td>10-32V DC</td>
</tr>
<tr>
<td>Mating Connector:</td>
<td>2-pin Deutsch connector (DT06-2S)</td>
</tr>
<tr>
<td>Standards:</td>
<td>Sealed to IP69K</td>
</tr>
</tbody>
</table>

Mounting Options:
- A-Pillar
- Front Bumper
- Rooftop

Description | Part #
---|---
2 Light Kit, Trapezoid Beam with Polycarbonate Lens | 1300483
1 Light, Flood Beam with Polycarbonate Lens | 1300431
1 Light, Spot Beam with Polycarbonate Lens | 1300441
MODEL 832
4" X 4" LED AUXILIARY LIGHT

• Die-cast housing & impact-resistant lens provide rugged durability
• Super bright LEDs provide maximum visibility & increase safety
• IP69K seal rating to protect against dust & water ingress
• Great for mounting in tight areas (less than 3” depth)

Raw Output: 3,900 Lumens
Effective Output: 2,400 Lumens
Operating Voltage: 10-32V DC
Mating Connector: 2-pin Deutsch connector (DT06-2S)
Standards: Sealed to IP69K

Mounting Options:
• A-Pillar
• Front Bumper
• Rooftop
• Rear Bumper

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Light, Flood Beam</td>
<td>1300181</td>
</tr>
<tr>
<td>1 Light, Spot Beam</td>
<td>1300161</td>
</tr>
<tr>
<td>1 Light, Trapezoid Beam</td>
<td>1300171</td>
</tr>
</tbody>
</table>
MODEL 840 XD
4" X 4" LED AUXILIARY LIGHT

- Thermally-conduction housing maximizes performance of LEDs
- Extremely compact & lightweight
- Corrosion- and impact-resistant
- IP69K seal rating to protect against dust & water ingress

Raw Output: 1,080 Lumens
Effective Output: 780 Lumens
Operating Voltage: 10-30V DC
Mating Connector: 2-pin Deutsch connector (DT06-2S)
Standards: Sealed to IP69K

Check out the XD Series Torture Test video where we put the Model 840 XD through a gauntlet of extreme abuse. Scan the QR code below or visit our YouTube channel (JWSpeakerCorporation) to see the tests for yourself!

Mounting Options:
- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Light, Flood Beam</td>
<td>1300001</td>
</tr>
<tr>
<td>1 Light, Spot Beam</td>
<td>1300021</td>
</tr>
<tr>
<td>1 Light, Trapezoid Beam</td>
<td>1300011</td>
</tr>
</tbody>
</table>
MODEL TS1000
14" LED LIGHT BAR

- Compact size & lightweight
- Ideal for off-road use and on UTVs
- Four beam patterns available
- Corrosion- and impact-resistant
- Super bright LEDs provide maximum visibility & increase safety

---

**Effective Output:** 1,500 Lumens (Pencil & High Beam); 2,200 Lumens (Flood and Wide Flood Beam)

**Operating Voltage:** 9-33V DC

**Wiring:** 2.5m bare leads, jacketed cable

**Standards:** Sealed to IP67 and IP69K

---

**Mounting Options:**
- Front Bumper
- Rooftop

---

**Description** | **Part #**
--- | ---
1 Light Bar, High Beam | 0552881
1 Light Bar, Pencil Beam | 0552891
1 Light Bar, Flood Beam | 0552911
1 Light Bar, Wide Flood Beam | 0552901
Single End Bracket Kit | 8200271
Double End Bracket Kit | 8200281
Replacement End Bracket | 8200291
Replacement C Bracket | 8200301

---

For full specs visit www.jwspeaker.com
MODEL TS3001R
6" ROUND LED AUXILIARY LIGHT

• Sleek new optical design
• More compact & lightweight than previous generation of TS3000s
• Increased light output provides premium performance
• New mounting simplifies installation & provides greater flexibility

Max Candela: 61,700 (Driving)/96,000 (Pencil)
Operating Voltage: 9-32V DC
Mating Connector: 2-pin Deutsch connector (DT06-2S)
Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:
• A-Pillar
• Front Bumper
• Rooftop

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Light Kit, DOT-Compliant Driving Beams</td>
<td>0550443</td>
</tr>
<tr>
<td>1 Light, DOT-Compliant Driving Beam</td>
<td>0550441</td>
</tr>
<tr>
<td>2 Light Kit, Pencil Beams</td>
<td>0550483</td>
</tr>
<tr>
<td>1 Light, Pencil Beam</td>
<td>0550481</td>
</tr>
</tbody>
</table>

See mounting accessories on Page 26
**MODEL TS3001V**

*7" X 5" OVAL LED AUXILIARY LIGHT*

- Identical in performance to the TS3001R, with an oval shape
- More compact & lightweight compared to previous generation
- Improved design with simplified installation & more flexible mounting

---

**Max Candela:** 61,700 (Driving)/96,000 (Pencil)

**Operating Voltage:** 9-32V DC

**Mating Connector:** 2-pin Deutsch connector (DT06-2S)

**Standards:** DOT-Compliant, Transport Canada Compliant

---

**Mounting Options:**

- A-Pillar
- Front Bumper
- Rooftop

---

**Description** | **Part #**
--- | ---
2 Light Kit, DOT-Compliant Driving Beams | 0550673
1 Light, DOT-Compliant Driving Beam | 0550671
2 Light Kit, Pencil Beams | 0550713
1 Light, Pencil Beam | 0550711

See mounting accessories on Page 26

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For full specs visit www.jwspeaker.com
MODEL TS4000
7" ROUND LED AUXILIARY LIGHT

- Super bright LEDs provide maximum visibility
- Slim profile for versatile mounting
- Die-cast housing & impact-resistant lens provide rugged durability
- Built to withstand the rigors of off-roading

Max Candela: 133,000
Operating Voltage: 9-32V DC
Mating Connector: 2-pin Deutsch connector (DT06-2S)
Standards: Sealed to IP67

Mounting Options:
- A-Pillar
- Front Bumper
- Rooftop

Description | Part #
--- | ---
2 Light Kit, Driving Beams with Black Bezel | 0551693
2 Light Kit, Driving Beams with Chrome Bezel | 0551603
1 Light, Driving Beam with Chrome Bezel | 0551121
MODEL 4415
3" ROUND LED AUXILIARY LIGHT

- BIG light output, small form factor
- Built to withstand the rigors of off-roading
- Cutting-edge optical design delivers superior light output
- Perfect for rig setups where space constraints are a concern

**Raw Output:** 2,450 Lumens  
**Effective Output:** 1,350 Lumens  
**Operating Voltage:** 10-32V DC  
**Mating Connector:** Packard (#12059183)  
**Standards:** Sealed to IP67

### Mounting Options:
- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Light, Trapezoid Beam Pattern</td>
<td>0549841</td>
</tr>
<tr>
<td>1 Light, Spot Beam Pattern</td>
<td>0551001</td>
</tr>
</tbody>
</table>

See mounting accessories on Page 26

For full specs visit www.jwspeaker.com
**MODEL 4416**

**3.5” ROUND HANDHELD LED WORK LIGHT**

- New ergonomic handle fits gloved hand
- 6' long vehicle power cord stretches to 12' in length
- Compact size designed to fit into vehicle cup holder

---

**Raw Output:** 2,450 Lumens

**Effective Output:** 1,350 Lumens

**Operating Voltage:** 10-32V DC

**Mating Connector:** Deutsch DT06-2P

**Standards:** Buy America Compliant

**Note:** The Model 4416 comes with a coiled, 12-14V vehicle power cord that stretches up to 12 feet, as well as a vehicle power adapter with battery clips, included in convenient nylon carrying bag. Optional 30 foot power cord with battery clips sold separately.

---

**Cord with Battery Clips**

**Vehicle Power Cord**

**30' Power Cord**

---

**Description** | **Part #**
--- | ---
Handheld Work Light with Spot Beam Pattern Kit | 0552841
Optional 30’ Power Cord | 3269831
### JEEP MOUNTING ACCESSORIES

- A-pillar mounting brackets for auxiliary lights
- Dedicated brackets for Jeep Wrangler TJ and Jeep Wrangler JK
- Durable powder-coated aluminum brackets

<table>
<thead>
<tr>
<th>Bracket Material: Aluminum</th>
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</thead>
<tbody>
<tr>
<td>Mounting Hole: .40&quot; (10mm)</td>
</tr>
<tr>
<td>Retrofits: Designed for 1997-2006 Jeep Wrangler TJs OR 2007 and newer Jeep Wrangler JKs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-Pillar Mounting Kit (Set of 2) for Jeep JK</td>
<td>6149203</td>
</tr>
<tr>
<td>A-Pillar Mounting Kit (Set of 2) for Jeep TJ</td>
<td>6149233</td>
</tr>
</tbody>
</table>
UTV/ATV MOUNTING ACCESSORIES

- Mount lights wherever you need them for custom lighting solutions
- Durable aluminum brackets
- Clean and simple installation around tubing/roll cages

Bracket Material: Aluminum
Hardware Material: Stainless steel
Mounting Hole: .40" (10mm); can be drilled out for a larger mounting bolt

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Bottom Mount Light Bracket</td>
<td>6149381</td>
</tr>
<tr>
<td>1 A-Pillar Light Bracket</td>
<td>6149391</td>
</tr>
<tr>
<td>1 Roll Cage Strap Clamp - 1.50&quot;</td>
<td>6149411</td>
</tr>
<tr>
<td>1 Roll Cage Strap Clamp - 1.75&quot;</td>
<td>6149401</td>
</tr>
</tbody>
</table>
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TO SEE MORE.

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