

# OFF-ROAD LED LIGHTING GUIDE



**DRIVEN.**  
**TO SEE MORE.**

**J.W. SPEAKER®**  
*Engineered. Lighting. Solutions.*

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# YOU WANT IT, WE'VE GOT IT

LED Lighting to Outfit Your Entire Rig!



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## 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



J.W. Speaker's Beam Pattern

## 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 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:

- 1955-1983 Jeep CJ-5
- 1976-1986 Jeep CJ-7
- 1981-1985 Jeep CJ-8
- 1997-2006 Jeep Wrangler (TJ)

#### Mounting Options:



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



## 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 Output750 (Low)/1,150 (High) Lumens

Operating Voltage9-32V DC

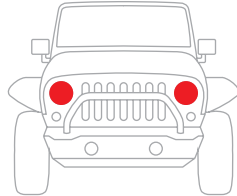
Mating ConnectorH13

Standards:DOT-Compliant, Transport Canada Compliant

#### Plug & Play Replacement for:

- 2007-2015 Jeep Wrangler JK

#### Mounting Options:



Description	Part #
2 Headlight Kit, Black Bezels	0551131
1 Headlight, Black Bezel	0550771
2 Headlight Kit, Chrome Bezels	0551141
1 Headlight, Chrome Bezel	0550781





## 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:



#### Description

1 Headlight, Black Bezel

1 Headlight, Chrome Bezel

#### Part #

0550111

0550071

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# 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.

## "BLACKED OUT" STYLING



## INNOVATIVE "LIGHT BLADE" TECHNOLOGY







## 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

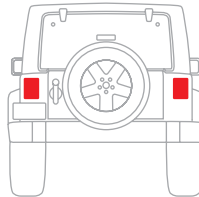
Mating Connector: Yazaki 7282-5553-30

Standards: DOT-Compliant, Transport Canada Compliant

#### Plug & Play Replacement for:

- 2007-2015 Jeep Wrangler JK

#### Mounting Options:



#### Description

2 Light Kit, Jeep LED Tail Lights

#### Part #

0347531



## 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

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

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Operating Voltage: 9-32V DC

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Wiring: 10" bare wires

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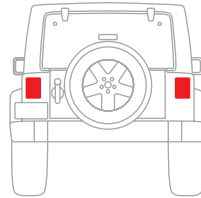
Standards: DOT-Compliant, Transport Canada Compliant

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#### Retrofit Information:

Retrofits any vehicle that has flat-mounted tail lights

#### Mounting Options:

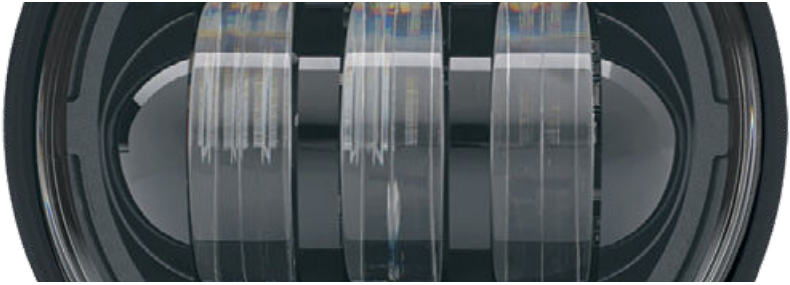


Description	Part #
2 Light Kit, Universal LED Tail Lights	0347551

# 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:

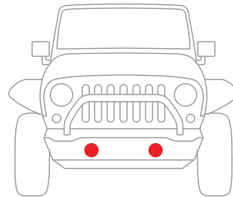
• **Plug & Play:**

- 2007-2010 Jeep Wrangler
- 2009 Dodge Journey
- 2005-2008 Dodge Magnum
- 2006-202 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:



#### Description

1 Fog Light, Black Bezel

1 Fog Light, Chrome Bezel

#### Part #

0547971

0547941





## 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:

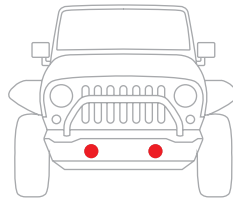
• **Plug & Play:**

2007-2010 Jeep Wrangler  
2009 Dodge Journey  
2005-2008 Dodge Magnum  
2006-202 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:



Description	Part #
2 Light Kit, Black Bezels	0550871
2 Light Kit, Chrome Bezels	0550861



## 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

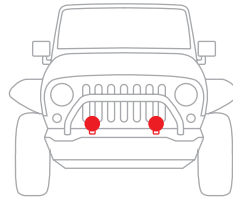
**Effective Output:** 610 Lumens

**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

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Raw Output:1,080 Lumens

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Effective Output610 Lumens

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Operating Voltage10-15V DC

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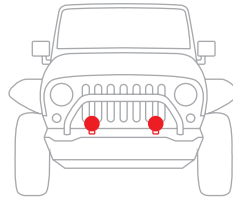
Wiring:6" bare wires

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Standards:DOT-Compliant, Transport Canada Compliant

---

#### Mounting Options:



- Front Bumper



Description	Part #
2 Light Kit, Black Bezels with Black Housing	0550891
2 Light Kit, Chrome Bezels with Black Housing	0550881
2 Light Kit, Chrome Bezels with Nickel Housing	0550901



## MODEL 9049-3M

### 21" LED FOG LIGHT BAR

- World's 1st street-legal LED light bar
- Superior beam pattern ideal for using on- or off-road
- Huge upgrade from stock fog lights
- Easy installation & mounts onto nearly any bumper!
- Rugged, impact-resistant solid optics

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**Raw Output:** 2,400 Lumens

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**Effective Output:** 1,500 Lumens

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**Operating Voltage:** 10-15V DC

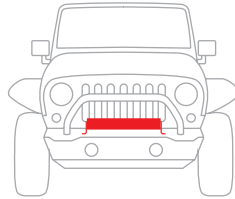
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**Wiring:** 37" bare wires

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

#### Mounting Options:



- Front Bumper



Description	Part #
21" Light Bar, Fog Pattern	0549281



# 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 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)

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Raw Output 3,900 Lumens

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Effective Output 2,400 Lumens

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Operating Voltage 10-32V DC

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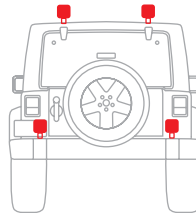
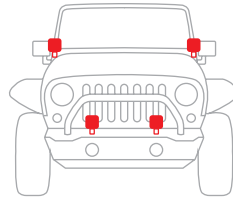
Mating Connector 2-pin Deutsch connector (DT06-2S)

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Standards: Sealed to IP69K

---

#### Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper



Description	Part #
1 Light, Flood Beam	1300181
1 Light, Spot Beam	1300161
1 Light, Trapezoid Beam	1300171



## 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

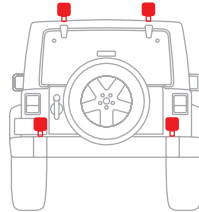
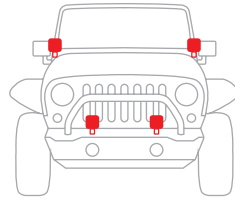
Effective Output780 Lumens

Operating Voltage10-30V DC

Mating Connector2-pin Deutsch connector (DT06-2S)

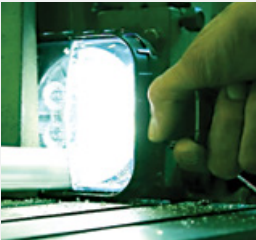
Standards:Sealed to IP69K

### Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper

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!



### Description

1 Light, Flood Beam

1 Light, Spot Beam

1 Light, Trapezoid Beam

### Part #

1300001

1300021

1300011



## 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

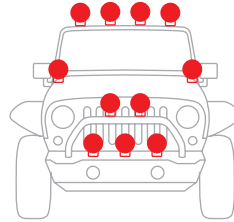
**Max Candela:** 61,700 (Driving)/96,000 (Pencil)

**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	Part #
2 Light Kit, DOT-Compliant Driving Beams	0550443
1 Light, DOT-Compliant Driving Beam	0550441
2 Light Kit, Pencil Beams	0550483
1 Light, Pencil Beam	0550481





## 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

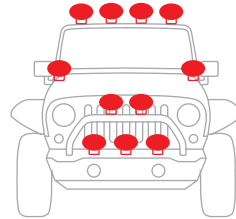
**Max Candela:** 61,700 (Driving)/96,000 (Pencil)

**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



## 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:

- 1955-1983 Jeep CJ-5
- 1976-1986 Jeep CJ-7
- 1981-1985 Jeep CJ-8
- 1997-2006 Jeep Wrangler (TJ)

#### Mounting Options:



#### Description

1 Headlight, Black Bezel

1 Headlight, Chrome Bezel

1 H4/H13 Anti-Flicker Harness

#### Part #

0549701

0549711

8000311



## 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

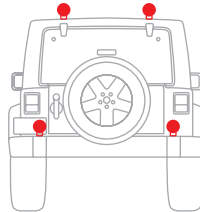
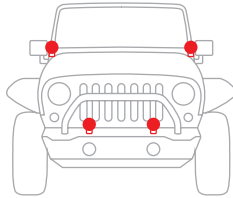
**Effective Output:** 1,350 Lumens

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

**Mating Connector:** Packard (#12059183)

**Standards:** Sealed to IP67

#### Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper



**Model 4415 Beam Pattern**

Description	Part #
1 Light, Trapezoid Beam Pattern	0549841
1 Light, Spot Beam Pattern	0551001

## Global reach - Local knowledge - Logistics & Handling expertise

APS USA procurement specialists have more than 20 years of experience in procuring electrical and safety products for our clients internationally.

We provide our clients:

- Substantial cost savings
- Established USA and Australian facilities and the highest level of integrity
- International logistics and handling experience
- Reliable delivery
- When you partner with us, you let your management team focus on their core business while we handle the procurement and supply of non-core purchases.

APS will negotiate the best deal, and then coordinate the purchase at every stage of the supply process ensuring quality of service and reliability. Allow us to use our knowledge, purchasing capacity and logistics expertise to minimise your costs and provide real value

