

# OFF-ROAD LED LIGHTING GUIDE



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**TO SEE MORE.**

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

# YOU WANT IT, WE'VE GOT IT

LED Lighting to Outfit Your Entire Rig!



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## ABOUT J.W. SPEAKER

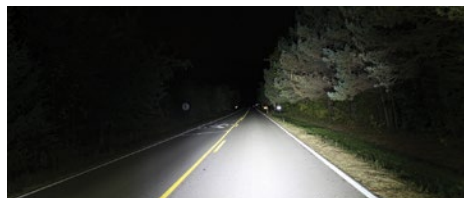
Established in 1935, J.W. Speaker is the world's leading manufacturer of innovative off-road LED lighting products. If you demand superior visibility, extreme durability and unmatched longevity, look no further than J.W. Speaker:

- 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
- 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 Output:** 750 (Low)/1,150 (High) Lumens

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

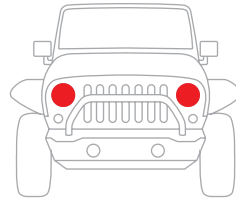
**Mating Connector:** H13

**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

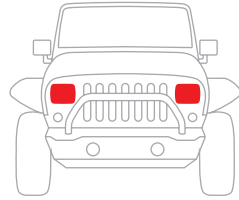
**Mating Connector:** H4

**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

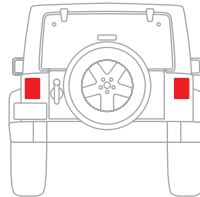
**Mating Connector:** Yazaki 7282-5553-30

**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

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

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

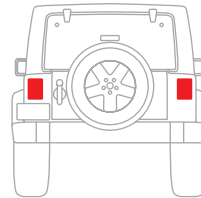
**Wiring:** 10" bare wires

**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

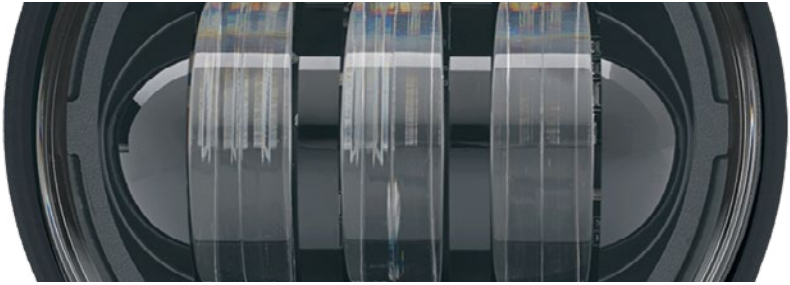
#### **Part #**

0347551

# LED FOG LIGHTS

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

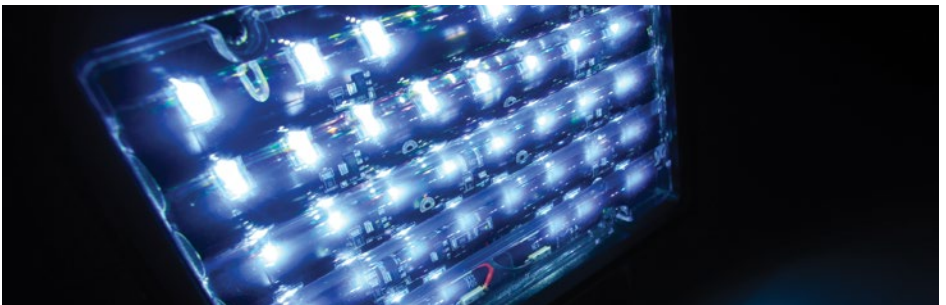
## PROPRIETARY SOLID OPTICS



## 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:

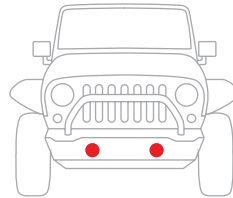
• **Plug & Play:**

- 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	Part #
1 Fog Light, Black Bezel	0547971
1 Fog Light, Chrome Bezel	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:

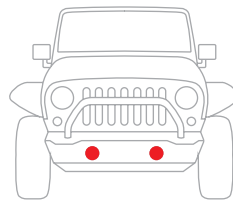
##### • Plug & Play:

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

2 Light Kit, Black Bezels

2 Light Kit, Chrome Bezels

#### Part #

0550871

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

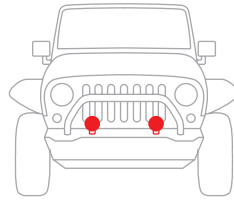
**Effective Output:** 610 Lumens

**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

**Raw Output:** 1,080 Lumens

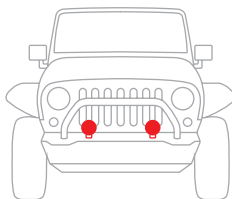
**Effective Output:** 610 Lumens

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

**Wiring:** 6" bare wires

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

#### Mounting Options:



- Front Bumper



Description	Part #
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

**Raw Output:** 2,400 Lumens

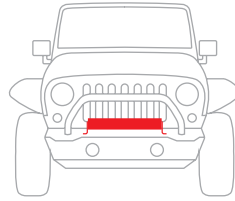
**Effective Output:** 1,500 Lumens

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

**Wiring:** 37" bare wires

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

#### Mounting Options:



- Front Bumper



#### Description

21" Light Bar, Fog Pattern

#### Part #

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)

**Raw Output:** 3,900 Lumens

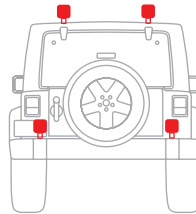
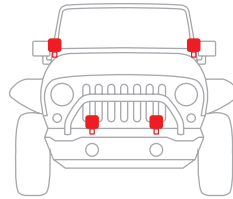
**Effective Output:** 2,400 Lumens

**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



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

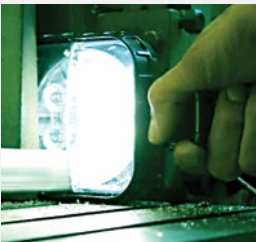
**Effective Output:** 780 Lumens

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

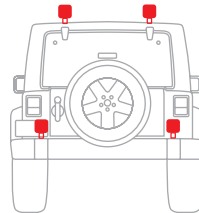
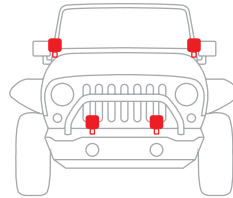
**Mating Connector:** 2-pin Deutsch connector (DT06-2S)

**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

### 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

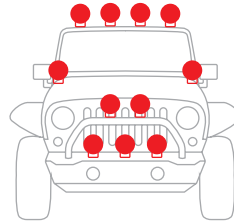
**Max Candela:** 61,700 (Driving)/96,000 (Pencil)

**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

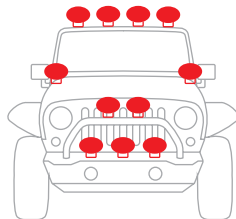
**Max Candela:** 61,700 (Driving)/96,000 (Pencil)

**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 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

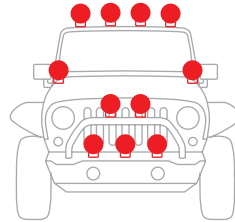
**Max Candela:** 133,000

**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

2 Light Kit, Driving Beams with Black Bezel

2 Light Kit, Driving Beams with Chrome Bezel

1 Auxiliary Light, Driving Beam

#### Part #

0551693

0551603

0551121

#### Retail

\$660.00

\$660.00

\$375.00



## 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

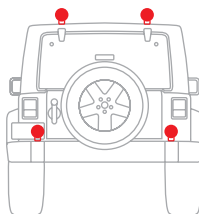
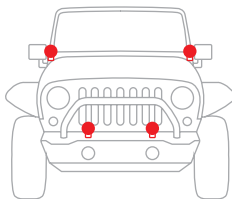
**Effective Output:** 1,350 Lumens

**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

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for more information!



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