



**J.W. SPEAKER®**

Engineered. Lighting. Solutions.

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

**Heated Lamps**



## SmartHeat™

HEATED LIGHTING TECHNOLOGY

### BE SAFER IN THE SNOW

J.W. Speakers new line of heated LED lights with SmartHeat™ is redefining lighting with its integrated lens heating technology! Winter weather can cause snow and ice build-up on the outside of lights, reducing visibility. This creates a dangerous situation not only for you, but to others as well.

The SmartHeat™ Heating System offers a thermally conductive grid system that will de-ice the lens up to twice as fast as other lights. This intelligent system reacts to temperature changes on a real-time basis with no action required by the driver.

Products with SmartHeat™ provide peace of mind during cold and snowy conditions by maintaining your ability to see and to be seen. Don't compromise your safety in inclement weather, invest in SmartHeat™ heated LED lights!

For details on the complete lineup of Speaker heated headlamps with SmartHeat technology, turn the page.

### How Does it Work?

**Step 1** A SmartHeat LED light will automatically turn on at startup or when temperatures drop.







**Step 2** The SmartHeat technology uses an internal sensor to sense the current temperature.

- If the technology senses the temperature to be below the low temperature threshold, the heat will stay on to de-ice the lens.
- If the technology senses the temperature to be above the high temperature threshold, the SmartHeat grid system will automatically turn off. This keeps the lamp from overheating when facing warmer conditions.

### SmartHeat™

J.W. SPEAKER®

Light Temperature

Air Temperature	  	 <b>ON</b>	 <b>ON</b>	 <b>OFF</b>
		<b>ON</b>	OFF	OFF
		N/A	OFF	OFF

**Step 3** Once the ice has melted and the light has warmed up to meet the high temperature threshold, the SmartHeat grid system will automatically turn off.

In extreme temperatures facing constant cold conditions, the SmartHeat grid system will continue to stay on preventing ice and snow from building on the lens of the light.

Due to varying sensor locations on the different products in the SmartHeat™ Series, temperature thresholds cannot be measured by outside temperature and will vary between lights.

Smart Heat Technology .....	17	Jeep Related Lights.....	25
LED Heated Lamps .....	18	Model 6145 J2	
Model 234		Model 8700 Evolution J2	
Model 670 XD		Model 279 J2	
LED Heated Headlamps.....	19	Model 239 J2	
Model 8700 Evolution 2 Dual Burn		Model 8700 Evolution 2R	
Model 8910 Evolution		LED Safety Lamps.....	26
Model 8800 Evolution 2		Model 770 BLU	
LED Headlamps .....	21	LED Work Lamps.....	26
Model 9800 HS		Model 680 XD	
Model 8630/8631 Evolution		Model 770 XD	
In-Bumper LED Lamps.....	22	Model 880 XD	
Model 95		Model 840 XD	
Motorcycle Headlamps .....	23	Model 735	
Model 8970 Adaptive 2		Model 4415	
Model 6045		Model 832	
LED Driving Lamps.....	24	Model 7150	
Model TS3001V		Warranty Information .....	30
Model TS3001R			





# LED Heated Lamps

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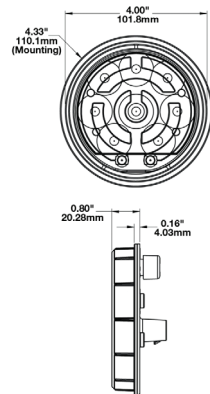
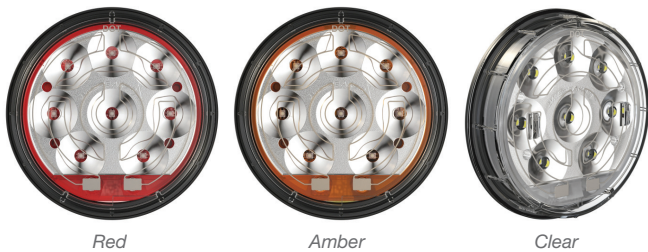
# LED Heated Headlamps



## Model 234

Heated Lens LED Tail Lights

NEW  
PRODUCT



### Product Specifications

Effective Output: 54 Lumen  
Input Voltage: 12-24V DC  
Current Draw: 1.3A @ 12V DC (Stop/Turn)  
0.7A @ 24V DC (Stop/Turn)  
0.9A @ 12V DC (Heater)  
0.5A @ 24V DC (Heater)  
Lens Material: Polycarbonate  
Mounting: Grommet  
Connector: 3-Pin AMP Connector (#282087-1)  
Beam Pattern: Signalization - Tail / Turn (Rear)  
Warranty: 2 Year Limited Warranty  
Standards: DOT & SAE Compliant, SAE J585/J586/J588, FMVSS 108 Table IX/VII/VIII, IEC IP69K, Transport Canada Compliant

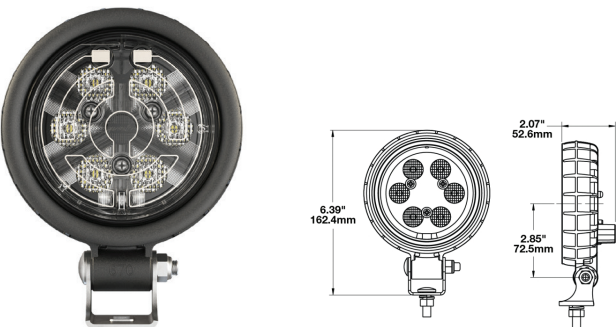
Additional Info: Installation requires the third wire (for the heater) to be connected in order for the heater to work. Turn off power before installing.

Part #	Description
JW-0346261	Model 234 LED Heated Stop/Tail/Turn Red Light (no harness)
JW-0346264	Model 234 LED Heated Stop/Tail/Turn Red Light w/ Harness
JW-0347814	Model 234 LED Heated Amber Turn Signal w/ Harness
JW-0346474	Model 234 LED Heated Reverse Light w/ Harness

## Model 670 XD

4.5" Round Heated Lens LED Work Lamp

NEW  
PRODUCT



### Product Specifications

Raw Output: 1,080 Lumens  
Effective Output: 780 Effective Lumens  
Input Voltage: 12-24V DC  
Current Draw: 1.30 Amps @ 12V DC  
0.60 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Universal pedestal mount  
Connector: 2-Pin Weather-Proof Deutsch Socket/Plug  
Warranty: 2 Year Limited Warranty  
Standards: Sealed to IP69K, SAE J1455, SAE J1113

Part #	Description
JW-1403471	12-24V LED Heated Work Light with Flood Beam Pattern
JW-1403481	12-24V LED Heated Work Light with Spot Beam Pattern

## Model 8700 Evo 2 Dual Burn

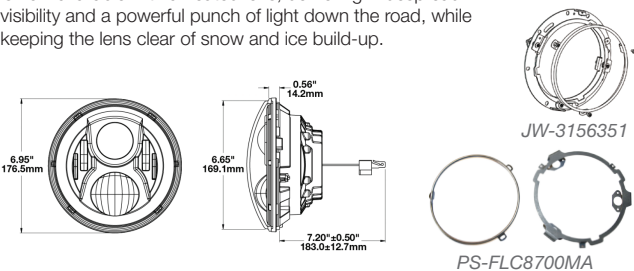
7" Heated Lens & Non-Heated Lens LED Headlamps

NEW  
PRODUCT



### Combining SmartHeat and Dual Burn Technologies

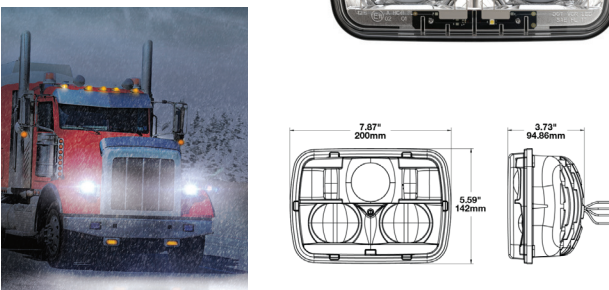
When it's critical to make the delivery, visibility and safety are drivers' top concerns. The Model 8700 Evo 2 Dual Burn is now available with a heated lens, delivering widespread visibility and a powerful punch of light down the road, while keeping the lens clear of snow and ice build-up.



## Model 8910/8900 Evolution 2

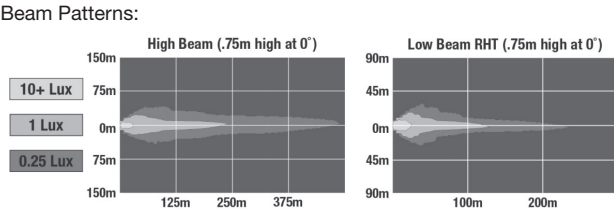
5" Heated Lens & Non-Heated Lens LED Headlamps

NEW  
PRODUCT



### Product Specifications

Raw Output: 2,610 (High), 1,770 (Low) Lumens  
Effective Output: 1,150 (High), 750 (Low) Lumens  
Input Voltage: Available in 12-24V configuration  
Current Draw: 2.80 (High), 2.00 (Low) Amps @ 12V DC  
1.60 (High), 1.10 (Low) Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Retrofits H6024 sealed beam headlamps  
Connector: H4  
Warranty: 2 Year Limited Warranty  
Standards: DOT & SAE Compliant, ECE Reg.19, FMVSS 108, CMVSS 108

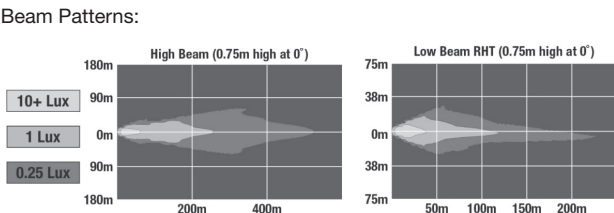


Part #	Description
JW-0556281	Model 8700 Evo 2 Heated 7" LED Headlight, Black, Each
JW-0556291	Model 8700 Evo 2 Heated 7" LED Headlight, Chrome, Each
JW-0554941	Model 8700 Evo 2 7" LED Headlamp, Black, Each
JW-0554961	Model 8700 Evo 2 7" LED Headlamp, Chrome, Each
PS-FLC8700KIT-B*	Retrofit Kit for 2008-12 Freightliner Coronado, Black
PS-FLC8700KIT-C*	Retrofit Kit for 2008-12 Freightliner Coronado, Chrome
PS-FLC8700MA	Mounting Assembly for 2008-12 Freightliner Coronado, Set of 2
PS-3266081	H13 to H4 Wiring Adapter, Each
JW-3156351**	Optional Mounting Assembly for Model 8700, Each

\* Includes 2 Headlamps, 2 Mounting Assemblies & 2 Wiring Adapters  
\*\*Required for installation into some Harley Davidson motorcycles

### Product Specifications

Raw Output: 3015 (High) Lumens, 2250 (Low)  
Effective Output: 1320 (High) Lumens, 975 (Low)  
Input Voltage: Available in 12-24V configuration  
Current Draw: 5.35 (High), 4.30 (Low) Amps @ 12V DC  
2.50 (High), 2.10 (Low) Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Retrofits H6054 sealed beam headlamps  
Connector: H4  
Warranty: 2 Year Limited Warranty  
Standards: DOT & SAE Compliant, FMVSS 108, CMVSS 108, Sealed to IP67



Part #	Description
JW-0554471	Model 8900 Evo2 5"x7" LED Headlamp with Chrome Bezel, Each
JW-0554491	Model 8900 Evo2 5"x7" LED Headlamp with Black Bezel, Each
JW-0554461	Model 8910 Evo2 5"x7" LED Headlamp Chrome Bezel Heated, Each
JW-0554481	Model 8910 Evo2 5"x7" LED Headlamp Black Bezel Heated, Each



# LED Heated Headlamps

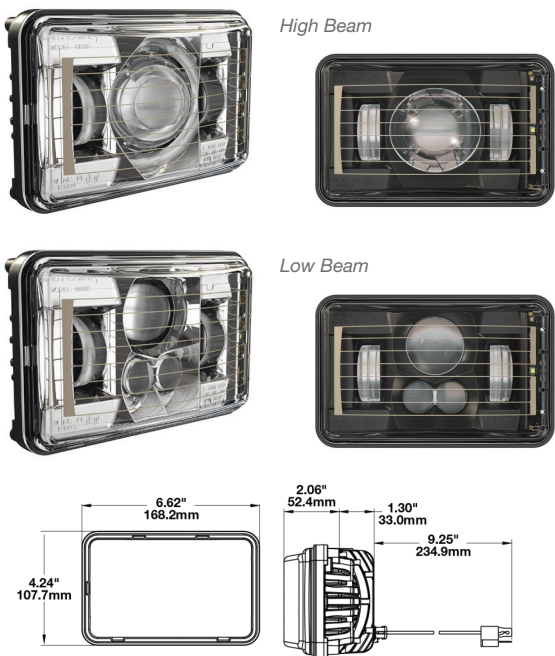


# LED Headlamps



## Model 8800 Evolution 2

4" x 6" Heated and Non-Heated Lens LED Headlamps



**Product Specifications**

Raw Output: 2250 (high) & 2830 (low) Lumens  
Effective Output: 898 (high), 782 (low) Lumens  
Input Voltage: Available in 12V DC configuration  
Current Draw: 2.10A @ 12V DC  
Lens Material: Hardcoated Polycarbonate  
Mounting: Low-Profile Panel Mount  
Warranty: 5 Year Limited Warranty  
Standards: DOT & SAE Compliant, FMVSS 108, CMVSS 108, Sealed to IP67, Transport Canada Compliant

**Beam Patterns:**

High Beam (0.75m high at 0')  
Low Beam RHT (0.75m high at 0')

Part #	Description
JW-0551771	Model 8800 Evo 2 - 4"x6" LED HL with Heated Lens, Low Beam, Chrome, Each
JW-0551781	Model 8800 Evo 2 - 4"x6" LED HL with Heated Lens, High Beam, Chrome, Each
JW-0552651	Model 8800 Evo 2 - 4"x6" LED HL with Heated Lens, Low Beam, Black, Each
JW-0552671	Model 8800 Evo 2 - 4"x6" LED HL with Heated Lens, High Beam, Black, Each
JW-0551371	Model 8800 Evo 2 - 4"x6" LED Headlamp, Low Beam, Non-Heated, Chrome, Each
JW-0551381	Model 8800 Evo 2 - 4"x6" LED Headlamp, High Beam, Non-Heated, Chrome, Each
JW-0552551	Model 8800 Evo 2 - 4"x6" LED Headlamp, Low Beam, Non-Heated, Black, Each
JW-0552571	Model 8800 Evo 2 - 4"x6" LED Headlamp, High Beam, Non-Heated, Black, Each
JW-0550433	Model 8801 Evolution, Pedestal Mount, High Beam, Set of 2

## Model 9800 HS

Heated & Non-Heated Lens LED Snowplow Headlamps



**The NEW Model 9800 HS** snowplow headlight from J.W. Speaker uses upgraded SmartHeat™ technology to automatically keep headlights free of snow and ice, even while traveling at high speeds. The 9800 HS provides clear headlights so drivers can see the road ahead with less stress and eye strain. Bright, white LEDs cut through darkness, fog and severe weather all year round, making plows more noticeable to other drivers.

**Advanced SmartHeat for High Speeds**

The upgraded lens and SmartHeat system from the standard 9800 is designed to withstand the brutal conditions of high speed plowing. The added heating elements and edge-to-edge lens design helps prevent ice bridging on the lens when plowing at high speeds. Upgrade to the Model 9800 HS!

**Product Specifications**

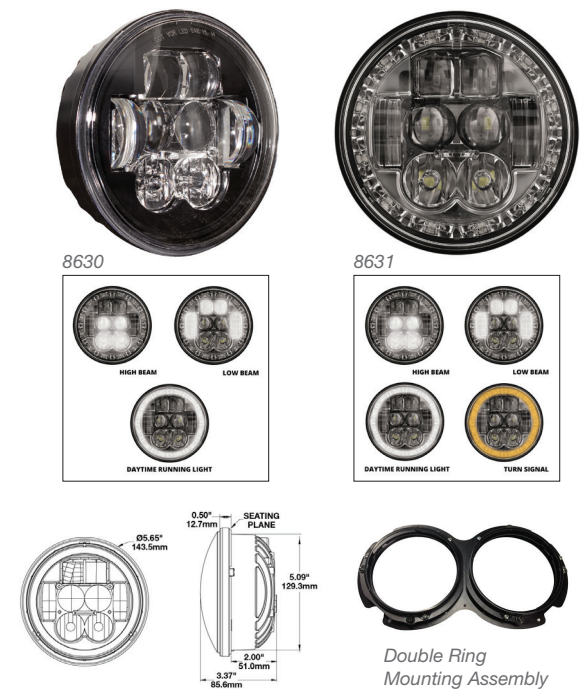
Raw Output: 2,880 Lumens (High) / 2,160 (Low)  
Effective Output: 1,150 (High) / 800 (Low)  
Input Voltage: 12V DC  
Current Draw: 2.70 Amps @ 12V DC (Low Beam)  
3.40 Amps @ 12V DC (High Beam)

Lens Material: Polycarbonate  
Mounting: Universal pedestal mount  
Connector: Delphi 6 Pin Metri-Pack 120 (#12052848)  
Warranty: 2 Year Limited Warranty  
Standards: Sealed to IP69K, SAE J1455, SAE J1113

Part #	Description
JW-0550061	Model 9800 Universal LED Headlamp Kit, 12/24V
JW-0552243	Model 9800 Universal LED Headlamp Kit w/ Heated Lens 12V
JW-0555743	Model 9800 High Speed LED Heated Headlight Kit, 12-24V

## Model 8630/8631 Evolution

5.75" Round LED Headlamp



**Product Specifications**

Raw Output: 2,025 (Low Beam), 2,925 (High Beam)  
Effective Output: 630 (Low Beam), 1,000 (High Beam)  
Input Voltage: Available in 12-24V configuration  
Current Draw: 2.20 (Low Beam), 3.50 (High Beam) @ 12V DC  
1.10 (Low Beam), 1.70 (High Beam) @ 24V DC

Lens Material: Polycarbonate  
Mounting: Retrofits H5006 sealed beam headlamps  
Connector: Delphi 6 Pin Metri-Pack 120 (#12052848)  
Warranty: 5 Year Limited Warranty  
Standards: DOT & SAE Compliant, FMVSS108, CMVSS108, Sealed to IP67

**Beam Patterns:**

High Beam RHT (.75m high at 0')  
Low Beam RHT (.75m high at 0')

Part #	Description
JW-0550921	Model 8630 Evolution 5.75" High/Low Beam LED Headlamp, Each
JW-0549911	Model 8630 Evolution 5.75" High/Low Beam with Halo Ring DRL
JW-0551631	Model 8631 Evolution 5.75" High/Low Beam with White/Amber Halo Ring, Each
JW-3157751	Double Ring Mounting Assembly, Each

*\*May not fit some applications. A mounting kit is typically required.*



Automatically de-ices headlight according to ambient temperature



# In-Bumper LED Lamps



# Motorcycle Headlamps



The Model 95 LED lights for trucks are an “in-bumper” application designed to replace the halogen 90mm lights found in the bumpers of buses, trucks, and motor coaches.

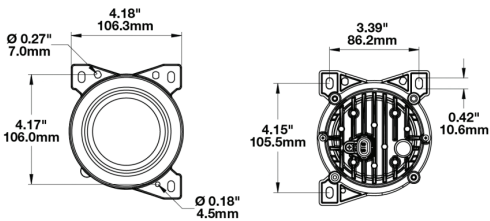


## Model 95

90 mm LED Headlights & Fog Lights



Fog Beam



### Features

- Easy plug & play installation, with minimal downtime
- Low maintenance, using 75-80% less power than the stock halogen lights!
- Bright and reliable, leveraging our solid optics technology
- Resist shock and vibration to extend the life of your lights
- Legal for on-road use, sealed to IP69K, and made in the U.S.A.

### Summary

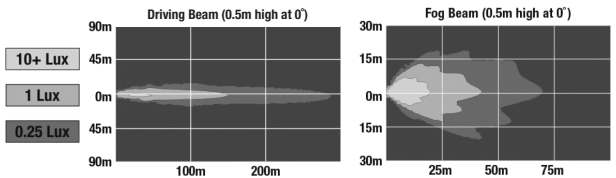
Each Model 95 features a heavy-duty housing, UV-resistant lens, and the latest in solid-state optics. They are designed to be drop-in LED lights for truck replacements of the in-bumper halogen lights used in heavy-duty trucks like Peterbilt 579/587 and Kenworth T660 models.

These lights leverage J.W. Speaker's solid optics technology to deliver precise engineered beam patterns that are not only street-legal, they're also more intense than stock lights to augment the headlight beam patterns. Say hello to brighter roads ahead with the Model 95 in-bumper LED fog and high beam light kits from J.W. Speaker!

### Product Specifications

Raw Output:	1435 Lumen
Effective Output:	607 Lumen
Input Voltage:	12-24V DC
Current Draw:	1.25A @ 12V DC 0.7A @ 24V DC
Lens Material:	Polycarbonate
Mounting:	Panel
Connector:	Packard (#12162000)
Warranty:	5 Year Limited Warranty
Standards:	SAE/DOT, ECE Reg 19 Sealed IP69K, SAE J583

### Beam Patterns:



Part #	Description
JW-0553713	12-24V SAE/DOT/ECE LED Driving Beam - 2 Light Kit
JW-0553733	12-24V SAE/ECE RHT & LHT LED Harmonized Fog Light - 2 Light Kit

## ADAPTIVE 2 SERIES



### LED Motorcycle headlights:

The NEW Adaptive 2 Series headlights have been improved to feature Adaptive technology when using the high beam, in addition to the low beam. Providing ditch-to-ditch lighting to eliminate dark corners on sharp turns and a punch of light 1,500 feet down the road to give you a safer and more confident ride to master the corners.

### Model 8790 Adaptive 2

7" Adaptive LED Headlamps



Part #	Description
JW-0555011	7" Round High/Low Beam Adaptive LED Headlight with Black Inner Bezel
JW-0555031	7" Round High/Low Beam Adaptive LED Headlight with Chrome Inner Bezel
JW-0555091	5.75" Round High/Low Beam Adaptive LED Headlight with Black Inner Bezel
JW-0555101	5.75" Round High/Low Beam Adaptive LED Headlight with Chrome Inner Bezel

### Model 6045

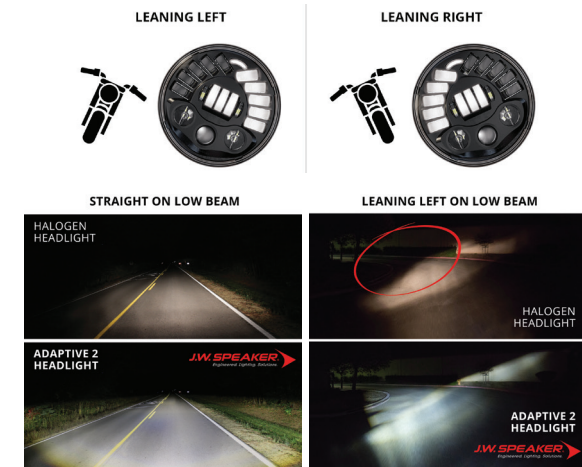
4.5" (PAR36) LED Fog Lamp



Part #	Description
JW-0545731	Model 6045 LED Fog Lamp with Black Bezel, Each
JW-0546161	Model 6045 LED Fog Lamp with Chrome Bezel, Each

### Features

- Improved to feature adaptive technology with the high beam, in addition to the low beam
- On-board intelligence senses leaning angles when cornering to control light
- Dynamically fills in dark areas while turning
- Breakthrough improvement in visibility and safety
- Plug & play solution for 5.75" as well as 7" round (also known as PAR56) motorcycle headlight buckets
- SAE/DOT compliant headlight
- Dual Burn™ high & low beam optics for extra punch of light



### Fitment:

Use our Motorcycle Garage to enter the Make, Model & Year of your motorcycle and find the headlight and mounting hardware that works with your bike. [www.jwspeaker.com/lymm/](http://www.jwspeaker.com/lymm/)

Refer to our Motorcycle Headlight Fitment Guide to see if your bike needs a Mounting Ring Kit, available for fairing mounts on older model bikes. [www.jwspeaker.com/resources/motorcycle-headlight-fitment-guide/](http://www.jwspeaker.com/resources/motorcycle-headlight-fitment-guide/)



# LED Driving Lamps



# Jeep Related Lights



The TS3001 series offers LED lights designed for rugged, off-roading. Features impact-resistant Xenoy housing and state-of-the-art LEDs that are resistant to shock and vibration, the TS3001 is perfect for 4x4 and off-road enthusiasts! Improved mounting design simplifies installation and provides added flexibility to mounting the TS3001V LED lights for Jeep a-pillars, front bumpers, and rooftop brackets.

## Model TS3001V

7"x5" Oval LED Auxiliary Driving Lamp



## Features

- Premium performance high-output LEDs
- Compact and lightweight design
- New mounting simplifies installation and provides greater mounting flexibility
- Increased light output provides premium off-road performance
- Includes black lens cover
- Also available with round shape (TS3001R)

## Model TS3001R

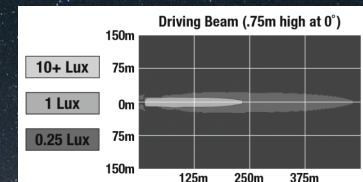
6" Round LED Auxiliary Driving Lamp



## Product Specifications

Light Output: 55,000 Candela  
Input Voltage: Available in 12-24V configuration  
Current Draw: 1.15 Amps @ 12V DC (Standard)  
0.60 Amps @ 24V DC (Standard)  
2.15A @ 12V DC (Jeep)  
1.00A @ 24V DC (Jeep)  
Lens Material: Polycarbonate  
Mounting: Bracket  
Connector: 2-Pin Deutsch Weather-Proof Plug  
Warranty: 5 Year Limited Warranty  
Standards: SAE (Y) J581 & DOT Compliant, Sealed to IP67

## Beam Patterns:



## Applications:

- Agriculture
- Off-Road 4x4
- Power Sports
- Specialty Vehicles
- Truck & Bus

Part #	Description
JW- 0550673	TS3001V - Oval LED Driving Lamp, Driving Beam, Set of 2
JW-0550443	TS3001R - Round LED Driving Lamp, Driving Beam, Set of 2

JW-5862901	Clear Polycarbonate Cover for TS3001R Driving Lamp, Each
JW-5862911	Blue Polycarbonate Filter for TS3001R Driving Lamp, Each
JW-5862921	Amber Polycarbonate Filter for TS3001R Driving Lamp, Each
JW-5874231	Clear Polycarbonate Cover for TS3001V Driving Lamp, Each
JW-5874251	Amber Polycarbonate Filter for TS3001V Driving Lamp, Each
JW-5874261	Blue Polycarbonate Filter for TS3001V Driving Lamp, Each



TS3001V - Cover

TS3001R - Cover

## New 4x4 LED Off-Road Lighting Products From J.W. Speaker

J.W. Speaker is proud to announce the release of several new, 4x4 LED off-road lighting products designed for Jeep enthusiasts. We have added a new versions of our 7" round headlight, 4" round fog lights, an all-new tail light, and redesigned auxiliary lights. Please contact Pacesetter Products for more information.



JW-8200461  
Mounting Ring Kit for  
2017 Jeeps with 7"  
Round Headlights

## Model 8700 Evolution J2

7" Round LED Headlamp



The Model 8700 Evolution J2 Series is intended for use on 2007+ Jeep Wranglers & Jeep Wrangler Unlimited.

Depending on your 2017 Jeep Model, you may need mounting rings to install Model 8700 Evolution J2 LED headlight upgrades. Refer to the table below:

Jeep Model	Type of Standard Lights	J.W. Speaker Mounting Ring Kit Required for LED Upgrades
Chief	LED	Yes
Rubicon	LED	Yes
Rubicon Hard Rock	LED	Yes
Rubicon Recon	LED	Yes
Sahara	LED	Yes
Smoky Mountain	LED	Yes
Winter	LED	Yes
75th Anniversary Edition	LED or Halogen	Yes (No, if equipped with halogen)
Big Bear	Halogen	No
Freedom Edition	Halogen	No
Sport	Halogen	No
Sport S	Halogen	No
Willys Wheeler	Halogen	No

## Model 6145 J2

LED Jeep Fog Lamps



## Model 279 J

LED Tail Lights



Part #	Description
JW-0551131	Model 8700 Evolution J2 LED Jeep Headlamps, Black, Set of 2
JW-0551141	Model 8700 Evolution J2 LED Jeep Headlamps, Chrome, Set of 2

JW-0554573	Model 6145 J2-Series LED In-Bumper Mount Fog Lamp, Black, Pair
JW-0554413	Model 6145 J2-Series LED In-Bumper Mount Fog Lamp, Carbon Fiber, Pair

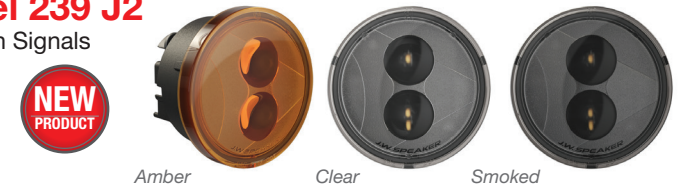
JW-0347531	Model 279 J Series Jeep Tail Light Kit (DOT Compliant)
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JW-0346483	Model 239 J2 12V DOT/ECE LED Round Turn Signals with Amber Lens - 2 Light Kit
JW-0346493	Model 239 J2 12V DOT/ECE LED Round Turn Signals with Clear Lens - 2 Light Kit
JW-0346503	Model 239 J2 12V DOT/ECE LED Round Turn Signals with Smoked Lens - 2 Light Kit

JW-0553623	Model 8700 2R LED High & Low Beam Headlight with Black Inner Bezel - 2 Light Kit
JW-0554263	Model 8700 2R LED High & Low Beam Headlight with Chrome Inner Bezel - 2 Light Kit

## Model 239 J2

LED Turn Signals



## Model 8700 Evolution 2R

Jeep Renegade LED Headlamp





# LED Safety Lamps & LED Work Lamps

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# LED Work Lamps



## Model 770 BLU Forklift Safety Lamp



Blue spot light



Optional blue arrow light

Specifically designed for the material handling industry, the Model 770 BLU represents a new way of thinking about visual safety devices.

Traditional visual warning devices (i.e. strobes) are most effective when a pedestrian is able to see the fork lift coming. If they are not paying close attention or there is a blind corner present, the traditional visual warning device really doesn't contribute much to preventing an accident.

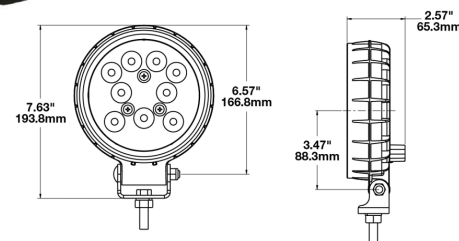
The Model 770 BLU doesn't rely on pedestrians being able to see the fork lift. Instead, it projects a bright, highly concentrated beam pattern on the ground in the direction that the fork lift is moving. Speaker uses blue because studies have shown that it is one of the most noticeable colours to the human eye.

### Features & Benefits

- Impact- and corrosion-resistant polycarbonate lens & housing
- Extremely low current draw
- Universal mounting bracket makes installation simple
- 12-48V DC multi-voltage configuration
- Long-lasting LEDs are extremely resistant to shock & vibration
- Sealed to IP67 to keep out dust & water
- Low profile allows for mounting in tight spaces
- 770 BLU emits a blue spot
- Blue light is most noticeable to the human eye
- 5 Year Limited Warranty

Part #	Description
JW-1706311	Model 770 BLU LED Visual Warning Device, Blue Spot, Each

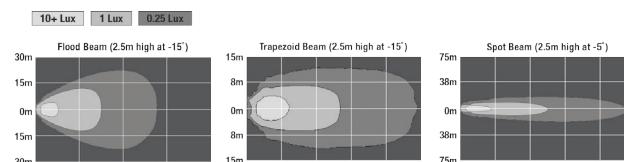
## Model 680 XD 5.75" Round LED Work Lamp



### Product Specifications

Raw Output: 1,700 Lumens  
Effective Output: 1,060 Effective Lumens  
Input Voltage: 12-24V DC  
Current Draw: 2.00 Amps @ 12V DC  
1.00 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Universal pedestal mount  
Connector: 2-Pin Weather-Proof Deutsch Socket/Plug  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP69K, SAE J1455, SAE J1113

### Beam Patterns:



Part #	Description
JW-1501641	Model 680 XD LED Work Lamp, Flood Pattern, Each
JW-1501651	Model 680 XD LED Work Lamp, Trap Pattern, Each
JW-1501661	Model 680 XD LED Work Lamp, Spot Pattern, Each

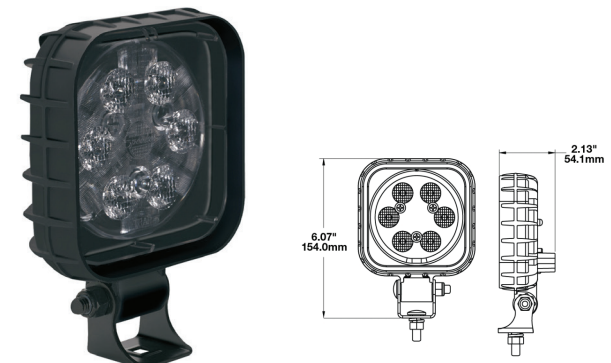
## Model 770 XD 3" x 5" LED Work Lamp



## Model 880 XD 3" x 5" Horizontal LED Work Lamp

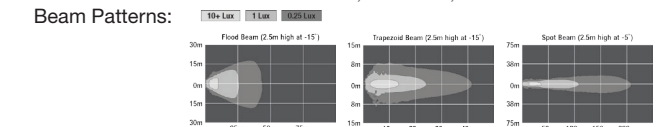


## Model 840 XD 4" x 4" LED Work Lamp



### Product Specifications

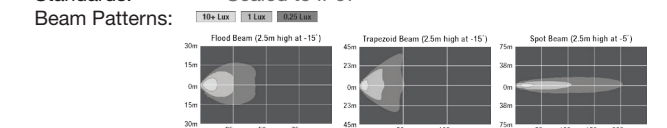
Raw Output: 810 Lumens  
Effective Output: 690 Lumens  
Input Voltage: 12V DC  
Current Draw: 1.00 Amp @ 12V DC  
Lens Material: Polycarbonate  
Mounting: Universal Mount  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP67, EN55022, EN12895



Part #	Description
JW-1706041	Model 770 XD LED Work Lamp, 12V only, Flood Pattern, Each
JW-1706051	Model 770 XD LED Work Lamp, 12V only, Trap Pattern, Each
JW-1706321	Model 770 XD LED Work Lamp, 12V only, Spot Pattern, Each

### Product Specifications

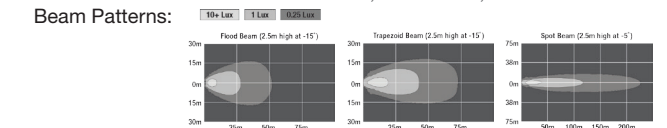
Raw Output: 1,680 Lumens  
Effective Output: 900 Effective Lumens  
Input Voltage: 12-24V DC  
Current Draw: 1.00 Amps @ 12V DC / 0.48 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Universal pedestal mount  
Connector: 2-Pin Weather-Proof Deutsch Socket/Plug  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP67



Part #	Description
JW-1603261	Model 880 XD LED Work Lamp, Flood Pattern, Each
JW-1603251	Model 880 XD LED Work Lamp, Trap Pattern, Each
JW-1603241	Model 880 XD LED Work Lamp, Spot Pattern, Each

### Product Specifications

Raw Output: 1,080 Lumens  
Effective Output: 780 Effective Lumens  
Input Voltage: 12-24V DC  
Current Draw: 1.30 Amps @ 12V DC / 0.60 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Universal pedestal mount  
Connector: 2-Pin Weather-Proof Deutsch Socket/Plug  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP69K, SAE J1455, SAE J1113



Part #	Description
JW-1300001	Model 840 XD LED Work Lamp, Flood Pattern, Each
JW-1300011	Model 840 XD LED Work Lamp, Trap Pattern, Each
JW-1300021	Model 840 XD LED Work Lamp, Spot Pattern, Each



# LED Work Lamps

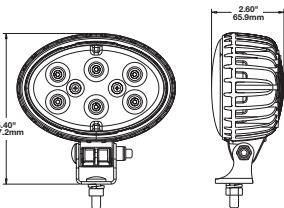
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# LED Work Lamps



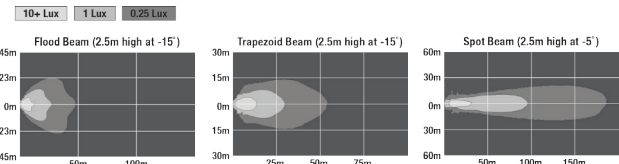
## Model 735 3" x 5" LED Work Lamp



### Product Specifications

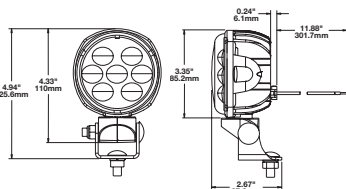
Raw Output: 2,700 Lumens  
Effective Output: 1,400 Lumens  
Input Voltage: 12-24V  
Current Draw: 3.50 Amps @ 12V DC  
1.75 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Universal Mount  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP67

### Beam Patterns:



Part #	Description
JW-1706781	Model 735 LED Work Lamp, Flood Pattern, Each
JW-1706811	Model 735 LED Work Lamp, Trap Pattern, Each
JW-1706821	Model 735 LED Work Lamp, Spot Pattern, Each

## Model 4415 3" LED Work Lamp



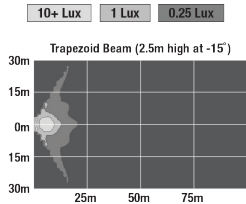
Side View Mirror



### Product Specifications

Raw Output: 2,450 Lumens  
Effective Output: 1,350 Lumens  
Input Voltage: 12-24V DC  
Current Draw: 2.2 Amps @ 12V DC  
1.1 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Bracket and swivel  
Connector: Packard #12059183  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP67

### Beam Patterns:

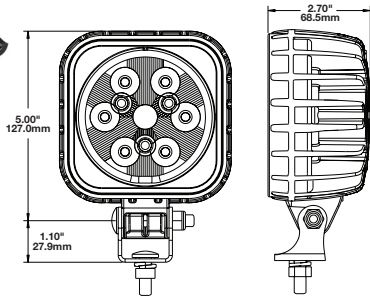


Part #	Description
JW-0549841	Model 4415 LED Work Lamp, Trap Pattern, Each
JW-0551753	Model 4415 LED Work Lamp Kit w/ side view mirror mount (2 lights)
JW-0552841	Model 4416 LED Handheld Work Light, Each



Model 4416  
LED Handheld  
Work Light

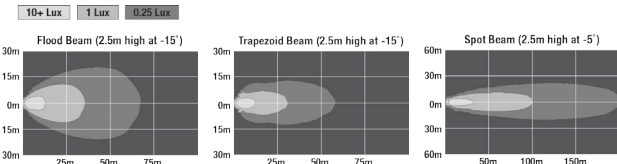
## Model 832 4" x 4" LED Work Lamp



### Product Specifications

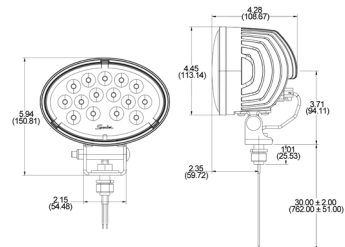
Raw Output: 2,400 Lumens  
Effective Output: 1,425 Lumens  
Input Voltage: 12-24V DC  
Current Draw: 2.90 Amps @ 12V DC  
1.36 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Universal Mount  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP67

### Beam Patterns:



Part #	Description
JW-1300181	Model 832 LED Work Lamp, Flood Pattern, Each
JW-1300171	Model 832 LED Work Lamp, Trap Pattern, Each
JW-1300161	Model 832 LED Work Lamp, Spot Pattern, Each

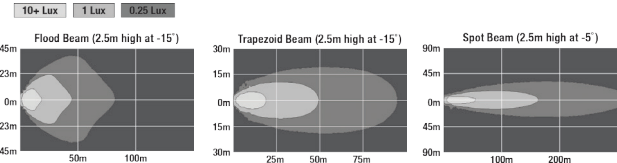
## Model 7150 5" x 7" LED Work Lamp



### Product Specifications

Raw Output: 4,500 Lumens  
Effective Output: 3,000 Lumens  
Input Voltage: 12-24V DC  
Current Draw: 6.00 Amps @ 12V DC  
3.00 Amps @ 24V DC  
Lens Material: Polycarbonate  
Mounting: Universal Mount  
Warranty: 5 Year Limited Warranty  
Standards: Sealed to IP67

### Beam Patterns:



Part #	Description
JW-1801001	Model 7150 LED Work Lamp, Flood Pattern, Each
JW-1800991	Model 7150 LED Work Lamp, Trap Pattern, Each
JW-1801151	Model 7150 LED Work Lamp, Spot Pattern, Each





# Warranty Information

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# Warranty Information



## Condensation

Condensation is the change of water from a gaseous form (vapor) into liquid water. It appears as small droplets of moisture inside the light.



Water Vapor

Small Water Droplets

Condensation does not cause a problem with normal operation of the light and is, therefore, NOT considered to be a defect or warrantable condition.

In fact, J.W. Speaker lamps are designed to allow moisture to escape and not reenter, but it takes time for the moisture to evaporate (the amount of time will depend upon whether or not the light is turned on or not).

### Virtually all lights are prone to condensate due to the following events:

- Air is trapped inside a lamp when manufactured
- Plastic parts used in lights naturally absorb moisture in the air
- As the light heats up these plastics parts release moisture that mixes with air
- Moisture attaches itself to the coolest part of the lamp, e.g. the lens
- Halogen lamps tend to run hot so the moisture evaporates more quickly
- LED lights produce less heat so moisture takes longer to evaporate, so it can be more noticeable

## HEADLIGHT CONDENSATION

Condensation is a naturally occurring condition that can affect any light. It does not suggest a defect in a product, as opposed to what happens when a leak occurs, in which case there is water ingress that could lead to a system failure. The explanation contained herein is intended to help end users differentiate between these two conditions so they understand what, if anything, needs to be done.

## Water Ingress

Water ingress describes water that leaks into the light, manifesting itself as large droplets and pooling of water that is clearly visible.



Pooled Water

Large Droplets & Pooled Water

Sources of water ingress can vary. If a light suffers water ingress as the result of physical abuse and/or misuse, it would not constitute a manufacturing defect.

Otherwise, water ingress caused by a defect in workmanship is a warrantable item. In this event, please contact the dealer who supplied the product to schedule a return.

## J.W. SPEAKER AFTERMARKET LED PRODUCT WARRANTY

**If you have issues with a J.W. Speaker product, please** troubleshoot your light before contacting the authorized dealer where you purchased your light.

Basic troubleshooting can be done by switching components from side-to-side to isolate the problem, individually such as just the bulbs, then just the ballasts, etc.

If you are the original purchaser and after you have confirmed the defective Speaker Part, please review the Pacesetter Warranty Instructions inside the back cover of this catalogue or visit <http://www.pacesetterproducts.ca/warranty/> on how to submit a warranty claim. Please sure to carefully follow the instructions for contacting the Pacesetter Warranty department. Do not contact J.W. Speaker as they will not process claims directly with the end user. Pacesetter handles all warranty claims on behalf of J.W. Speaker for all of Canada, on all products purchased from Pacesetter. Please ensure you have your proof of sale. Warranty is non-transferrable and valid only to the original purchaser.

### WARRANTY SCOPE AND TERMS

J.W. Speaker Corporation provides warranty coverage for its products against defects in materials, components and workmanship. There is no express or implied coverage for any other costs, such as labor costs, travel, incidentals and collateral damage. This warranty applies to the original purchaser only and is not transferrable. Coverage extends only to replacing a defective part. Exceptions and exclusions are referenced in Sections 2.0 and 3.0.

### LED Products

All LED products sold by J.W. Speaker provide a five (5) year limited warranty, with exceptions and exclusions summarized below.

### LED PRODUCT EXCEPTIONS

The following exceptions apply to J.W. Speaker standard warranty:

- **All Heated Lights\***: Two (2) years, excluding the Model 8800 (Five years) & Model 8770.
  - **Model 255 LED Vehicle Identification Signs**: One (1) year
  - **Model 8770 Locomotive Lamps**: Four (4) years or 30,000 hours
  - **Model 8800 LED 4x6 Headlight**: Five (5) years
- Visit [www.jwspeaker.com/warranty-model-8800](http://www.jwspeaker.com/warranty-model-8800) for details

\*Excluding the Model 8800 and Model 8770.

### WARRANTY EXCLUSIONS

J.W. Speaker's Warranty Policy does not allow for claims resulting from the following conditions:

- Abuse, neglect and damage
- Modifications and alterations
- Improper installation
- Chemical exposure (e.g. cleaning solutions)
- Voltage spikes, transients and over-voltage beyond rated specifications
- Naturally occurring phenomena such as condensation, corrosion and UV degradation
- Wear and tear, including damage from road debris and resultant lens degradation

Visit [www.jwspeaker.com/warranty-exclusions](http://www.jwspeaker.com/warranty-exclusions) for more details.

### WARRANTY CLAIM PROCESS

This Warranty Policy applies ONLY to the customers who purchased products directly from J.W. Speaker. Claims from end customers must be routed to the source where purchased, and processed with them to obtain a Returned Materials Authorization (RMA). For more information on how to process a claim, visit [www.jwspeaker.com/rma](http://www.jwspeaker.com/rma)



Any Speaker product not found in this catalogue is available from Pacesetter by special order.

Check out <http://www.jwspeaker.com/> for J.W. Speaker's complete lineup of aftermarket lights and accessories.

Contact us today for pricing and availability.

[sales@pacesetterproducts.ca](mailto:sales@pacesetterproducts.ca)

Tel: 1-888-367-9537 ext. 1