

# COMMERCIAL TRUCK & BUS LED LIGHTING GUIDE



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**MS Foster**

# INCREASE SAFETY & LOWER YOUR MAINTENANCE COSTS

LED Lighting to Outfit Your Fleet!



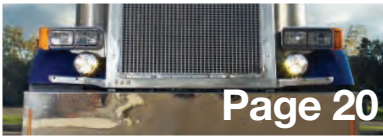
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**LED  
HEADLIGHTS**



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**LED  
FOG LIGHTS**



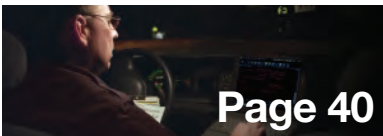
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**LED  
AUXILIARY LIGHTS**



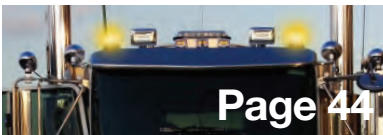
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**LED  
SIGNAL LIGHTS**



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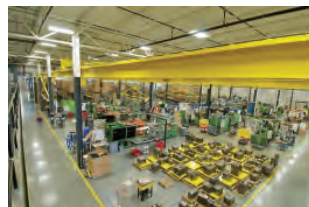
**LED PORTABLE  
WORK LIGHTS**



## ABOUT J.W. SPEAKER

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

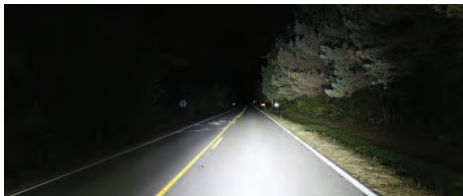
- OEMs such as Harley-Davidson, Kenworth, Peterbilt Australia, MCI, and Chrysler use J.W. Speaker products because our engineered beam patterns are second to none.
- Extensive use in Iraq & Afghanistan are a testament to the military-grade construction and dependability of J.W. Speaker's LED lighting products.
- J.W. Speaker products are built to last. We back up this statement by offering the industry's leading warranty. Period.



# LED HEADLIGHTS

Commercial truck & bus fleets choose J.W. Speaker LED headlights because of their superior visibility and unmatched longevity.

## SUPERIOR VISIBILITY



Leading Competitor's Beam Pattern



J.W. Speaker's Beam Pattern

Roughly half of all fatal crashes happen at night, and given that nearly 90% of a driver's decisions are based upon what he or she can see, it stands to reason that improving visibility can have a significant impact on improving driver safety. Upgrade to J.W. Speaker's LED headlights and experience our engineered beam patterns first-hand. They put light exactly where you need it with surgical precision!

## UNMATCHED LONGEVITY



We understand that a burned out headlight is more than just an inconvenience—it means unplanned repair costs, the opportunity cost of not having a vehicle on the road, and potentially even traffic tickets.

When you upgrade to J.W. Speaker LED headlights, you don't have to worry about these things any more. Our LED headlights last 50+ times longer than stock halogen lights, so you can look forward to years of trouble-free driving.

**Best of all, our products come with the industry's leading warranty!**





## MODEL 90

### 90mm LED HEADLIGHT

- Dedicated high beam & low beam versions
- Heavy-duty die-cast housing & hard-coated lens
- Easy installation

**Max Candela:** 18,000 (Low Beam), 45,000 (High Beam)

**Operating Voltage:** 10.5-38V DC

**Wiring:** 6" Bare Leads

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

#### Mounting Options:



Description	Part #
Low Beam Headlight	0551211
Symmetrical Low Beam Headlight	0551221
High Beam Headlight	0547751
Replacement Adjuster Kit	8200111



## MODEL 91

### 90mm LED MULTI-FUNCTION LIGHT

- Turn signal, front position & daytime running light (DRL)
- Consolidates multiple functions in a single, compact unit
- Heavy-duty die-cast housing & hard-coated lens
- Easy installation

**Operating Voltage:** 10.5-38V DC

**Wiring:** 6" Bare Leads

**Standards:** SAE J2087, Sealed to IP67,  
Buy America Compliant

#### Mounting Options:



#### Replacement Adjuster Kit



Description	Part #
Turn Signal, DRL, and Front Position Light	0345591
Replacement Adjuster Kit	8200111



## MODEL 8630 EVOLUTION

### 5.75" ROUND LED HEADLIGHTS

- Combined high and low beam functions
- New design boasts a 50% increase in high beam intensity
- Easy plug and play installation with Delphi wire connector
- Also available with front position & daytime running light (DRL)

**Raw Output:** 2,025 (Low Beam), 2,925 (High Beam) Lumens

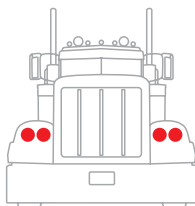
**Effective Output:** 630 (Low Beam), 1,000 (High Beam) Lumens

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

**Mating Connector:** Delphi (#12052848)

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

#### Mounting Options:



#### Single Ring Kit



#### Double Ring Kit



Description	Part #
High & Low Beam Headlight with Front Position & DRL	0549911
High & Low Beam Headlight	0550921
Optional Double Ring Kit Mounting Assembly for LED Headlight	3157751
Optional Single Ring Kit Monting Assembly for LED Headlight	8200001



## MODEL 8631 EVOLUTION

### 5.75" ROUND LED HEADLIGHTS

- Black inner bezel housing
- Combined high and low beam functions
- Best-in-class beam pattern
- Easy plug & play installation for 5.75" round sealed beams

**Raw Output:** 2,025 (Low Beam), 2,925 (High Beam) Lumens

**Effective Output:** 630 (Low Beam), 1,000 (High Beam) Lumens

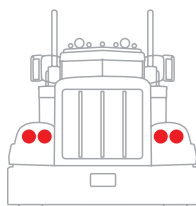
**Operating Voltage:** 10-32V DC

**Mating Connector:** Delphi (#12052848)

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

Sealed to IP67, Buy America Compliant

#### Mounting Options:



#### Single Ring Kit



#### Double Ring Kit



Description	Part #
Right Hand Traffic High & Low Beam Headlight with Turn Signal, FP & DRL	0551631
Left Hand Traffic High & Low Beam Headlight with Turn Signal, FP & DRL	0551641
Optional Double Ring Kit Mounting Assembly for LED Headlight	3157751
Optional Single Ring Kit Mounting Assembly for LED Headlight	8200001





## MODEL 8700 EVOLUTION 2

### 7" ROUND LED HEADLIGHTS

- Your choice of chrome or black inner bezel
- Combined high and low beam functions
- Best-in-class beam pattern
- Easy plug & play installation for 7" round sealed beams

**Raw Output:** 1,770 (Low Beam), 2,610 (High Beam) Lumens

**Effective Output:** 750 (Low Beam), 1,150 (High Beam) Lumens

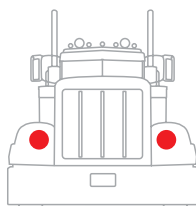
**Operating Voltage:** 9-32V DC

**Mating Connector:** H4 AMP (#172615-2)

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

Sealed to IP67, Buy America Compliant

#### Mounting Options:



Panel Mount



Black Side Mount



Description	Part #
High & Low Beam Headlight with Black Inner Bezel	0549701
High & Low Beam Headlight with Chrome Inner Bezel	0549711
Optional Panel Mount Bucket Assembly	3156561
Optional Black Side Mount Bucket Assembly	3157091



## MODEL 8800 EVOLUTION

### 4" x 6" LED HEADLIGHTS

- Dedicated high and low beam versions
- Heavy-duty die-cast housing & impact-resistant hard-coated lens
- Simple plug & play replacement for 1A1 and 2A1 sealed beams
- Now available in black and chrome

**Raw Output:** 1,890 Lumens

**Effective Output:** 740 (Low Beam), 890 (High Beam) Lumens

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

**Mating Connector:** LH Terminal - AMP (#172795-1);

RH Terminal - AMP (#172796-1)

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

#### Mounting Options:



#### Dual Headlight Assembly



Description	Part #
RHT Low Beam Headlight Black Bezel	0551941
RHT Low Beam Headlight Chrome Bezel	0549001
High Beam Headlight Black Bezel	0551951
High Beam Headlight Chrome Bezel	0549021
Right Hand Dual Headlight Housing Assembly	3156600
Left Hand Dual Headlight Housing Assembly	3156680



## MODEL 8801 EVOLUTION

### 4" x 6" PEDESTAL MOUNT HEADLIGHTS

- Easy bolt-on headlight solution provides flexibility
- Dedicated high and low beam versions
- Heavy-duty die-cast housing & impact-resistant hard-coated lens

**Raw Output:** 1,890 Lumens

**Effective Output:** 740 (Low Beam), 890 (High Beam) Lumens

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

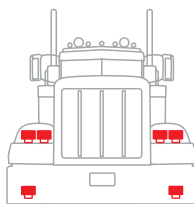
**Mating Connector:** LH Terminal - AMP (#172795-1);

RH Terminal - AMP (#172796-1)

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

Sealed to IP67, Buy America Compliant

#### Mounting Options:



Description	Part #
Low Beam Headlight	0549211
High Beam Headlight	0549231
2 Light Kit, High Beam Driving Lights with Relay	0550433



## MODEL 8900 EVOLUTION

### 5" x 7" LED HEADLIGHTS

- Your choice of chrome or black inner bezel
- Combined high and low beam functions
- Newer design boasts a 30% increase in high beam intensity
- Easy plug & play installation replaces 5" x 7" sealed beams

**Raw Output:** 1,350 (Low Beam), 1,770 (High Beam) Lumens

**Effective Output:** 650 (Low Beam), 850 (High Beam) Lumens

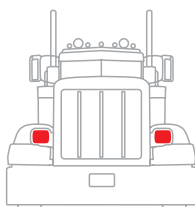
**Operating Voltage:** 9-32V DC

**Mating Connector:** H4 AMP (#172615-2)

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

Sealed to IP67, Buy America Compliant

#### Mounting Options:



#### Housing Assembly



Description	Part #
High & Low Beam Headlight with Black Inner Bezel	0550111
High & Low Beam Headlight with Chrome Inner Bezel	0550071
Optional Housing Assembly	3157041



Heated Version



Non-Heated Version

# MODEL 9800

## 5" x 11" LED HEADLIGHTS

- Easy bolt-on headlight solution provides ultimate flexibility
- All-in-one high beam, low beam, front position and turn signal
- Choose from heated or non-heated lens versions

**Raw Output:** 2,160 (Low Beam), 2,880 (High Beam) Lumens

**Effective Output:** 800 (Low Beam), 1150 (High Beam) Lumens

**Operating Voltage:** Heated (10-30V DC), Non-Heated (9-15V DC)

**Mating Connector:** 6-Pin Delphi (#12052848)

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

**Mounting Options:**

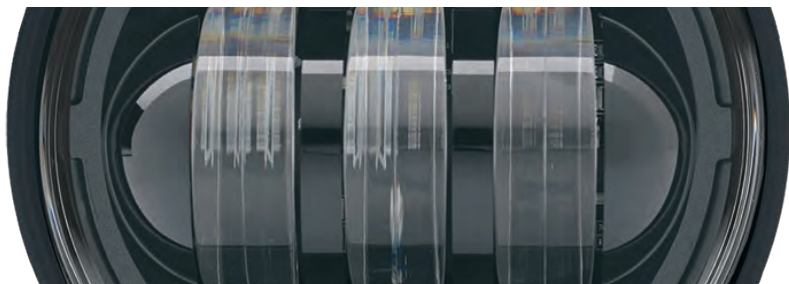


Description	Part #
2 Light Kit 12V with Turn Signal, Heated Lens	0552243
2 Light Kit, 12-24V with Turn Signal, Non-Heated Lens	0550061

# 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 92

### 90mm LED DAYTIME RUNNING LIGHT & FOG LIGHT

- Consolidates multiple functions in a single, compact unit
- Heavy-duty die-cast housing & hard-coated lens
- Easy installation

**Raw Output:** 720 (Fog Light) Lumens

**Effective Output:** 350 (Fog Light) Lumens

**Operating Voltage:** 10.5-38V DC

**Wiring:** 6" Bare Leads

**Standards:** SAE J2087, Buy America Compliant

#### Mounting Options:



#### Replacement Adjuster Kit



Description	Part #
LED DRL & Fog Light	0549501
Replacement Adjuster Kit	8200111



## MODEL 791

### 6" x 2" LED FOG LIGHTS

- Heavy-duty die-cast housing & hard-coated lens
- Designed to retrofit standard heavy-duty halogen fog lights
- Available as a kit with mounting hardware

**Raw Output:** 1820 Lumens

**Effective Output:** 1150 Lumens

**Operating Voltage:** 10-18V DC

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

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

#### Mounting Options:



#### Description

2 Light Kit, Fog Lights

#### Part #

1603603





## MODEL 6045

### 4.5" ROUND LED FOG LIGHTS

- Heavy-duty die-cast housing & hard-coated lens
- Designed to retrofit PAR36 sealed beam fog lights
- Available as a kit with mounting hardware

**Raw Output:** 750 Lumens

**Effective Output:** 500 Lumens

**Operating Voltage:** 9-15V DC

**Mating Connector:** Deutsch DT06-2S - E003

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

#### Mounting Options:



#### Description

2 Light Kit, Fog Lights with Chrome Inner Bezel and Bumper Adapters

#### Part #

0551653



# MODEL 6150

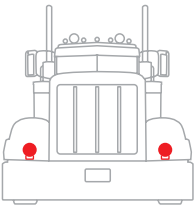
## 4" ROUND LED FOG LIGHTS

- World's first street-legal LED fog light bar
- Universal mount allows for easy installation
- Powerful LEDs create bright, white light
- Solid optics provide superior visibility

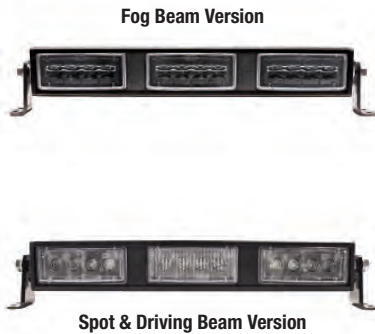
<b>Raw Output:</b> 1,080 Lumens
<b>Effective Output:</b> 610 Lumens
<b>Operating Voltage:</b> 10-15V DC
<b>Mating Connector:</b> Packard (#12059183)
<b>Standards:</b> DOT-Compliant, Transport Canada Compliant, Sealed to IP67, Buy America Compliant

Note: User is also cautioned that the mounting and use of front fog lamps are specified by various regulatory agencies

**Mounting Options:**



Description	Part #
Fog Light with Black Inner Bezel & Black Housing	0547981
Fog Light with Chrome Inner Bezel & Black Housing	0548991
Fog Light with Chrome Inner Bezel & Silver Housing	0548991



## MODEL 9049-3M

### 19" x 2" LED LIGHT BAR

- World's first street-legal LED fog light bar
- Universal mount allows for easy installation
- Powerful LEDs create bright, white light
- Solid optics provide superior visibility
- Now available in hybrid driving beam version

**Raw Output:** 2,400 Lumens

**Effective Output:** 1,500 Lumens

**Operating Voltage:** 9-18V DC

**Wiring:** 36" Bare Leads

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

Note: User is also cautioned that the mounting and use of front fog lamps are specified by various regulatory agencies

#### Mounting Options:



Description	Part #
19" Light Bar with Fog Beam Pattern	0549281
19" Light Bar with Spot Beam Pattern & Driving Light	0552441

# 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 commercial-grade lighting will provide you with years of premium performance.

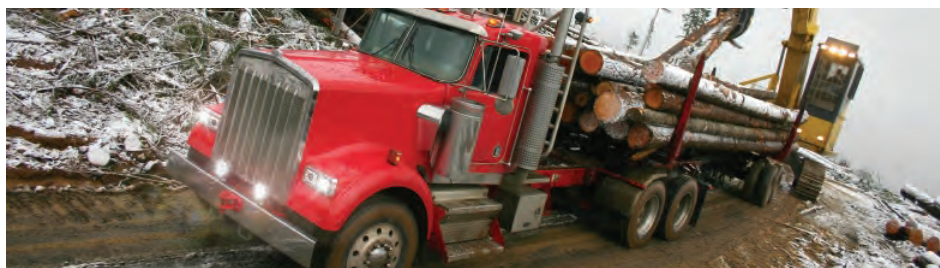
## AMAZING POWER



## CUTTING EDGE DESIGN



## COMMERCIAL-GRADE PERFORMANCE





## MODEL TS3001R

### 6" ROUND LED AUXILIARY LIGHT

- Sleek new optical design
- Your choice of driving beam or pencil beam
- Available as individual units or 2-lamp kits
- Impact-resistant polycarbonate construction
- New mounting simplifies installation

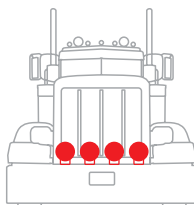
**Max Candela:** 55,000 (Driving), 96,000 (Pencil)

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

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

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

#### Mounting Options:



Description	Part #
2 Light Kit, DOT-Compliant Driving Beam Auxiliary Lights	0550443
2 Light Kit, Pencil Beam Auxiliary Lights	0550483
1 Light, DOT-Compliant Driving Beam Auxiliary Light	0550441
1 Light, Pencil Beam Auxiliary Light	0550481



## MODEL TS3001V

### 7" x 5" OVAL LED AUXILIARY LIGHT

- Identical in performance to the TS3001R
- New mounting simplifies installation
- Impact-resistant polycarbonate construction
- Your choice of driving beam or pencil beam
- Available as individual units or 2-lamp kits

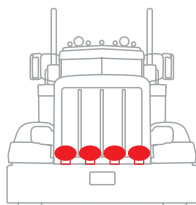
**Max Candela:** 55,000 (Driving), 96,000 (Pencil)

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

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

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

#### Mounting Options:



Description	Part #
2 Light Kit, DOT-Compliant Driving Beam Auxiliary Lights	0550673
2 Light Kit, Pencil Beam Auxiliary Lights	0550713
1 Light, DOT-Compliant Driving Beam Auxiliary Light	0550671
1 Light, Pencil Beam Auxiliary Light	0550711





## MODEL TS4000

### 7" ROUND LED AUXILIARY LIGHT

- Super bright LEDs provide maximum visibility
- Slip profile for versatile mounting applications
- Die-cast housing & impact-resistant lens

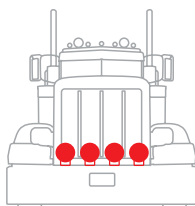
**Max Candela:** 133,000

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

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

**Standards:** Sealed to IP67, Buy America Compliant

#### Mounting Options:



Description	Part #
2 Light Kit, Auxiliary Light with Black Inner Bezel	0551693
2 Light Kit, Auxiliary Light with Chrome Inner Bezel	0551603
1 Light, Auxiliary Light with Chrome Inner Bezel	0551121



## MODEL 670 XD

### 4.5" ROUND LED AUXILIARY LIGHT

- Proprietary thermally-conductive housing material
- Extremely thin profile provides mounting flexibility
- High quality LEDs provide bright, white light

**Raw Output:** 1,080 Lumens

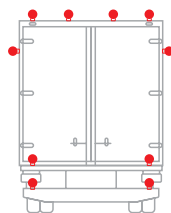
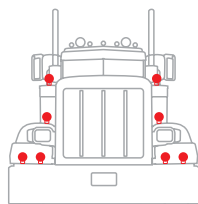
**Effective Output:** 780 Lumens

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

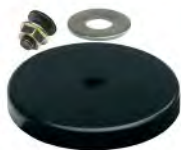
**Mating Connector:** 2-Pin Deutsch connector (DT06-2S)

**Standards:** Sealed to IP69K, UL Listed, Buy America Compliant

#### Mounting Options:



**Magnet Kit**



**Stainless Steel Kit**



**Black Kit**



Description	Part #
Auxiliary Light with Flood Beam Pattern	1403241
Auxiliary Light with Spot Beam Pattern	1403261
Auxiliary Light with Trapezoid Beam Pattern	1403251
Replacement Magnet Mounting Kit	8200011
Replacement Stainless Steel Mounting Kit	8200101
Replacement Black Mounting Kit	8200121

# MODEL 778 XD

## VISIBILITY + COMPLIANCE = GREATER SAFETY

An emphasis on safety has made the use of backup cameras extremely popular across a wide range of applications. Vehicles that operate in low-light conditions are often outfitted with backup camera lighting systems.

J.W. Speaker's new Model 778 XD LED light was specifically designed for use with backup cameras. It produces just under 300 candelas (compliant with SAE J593) to prevent blinding or distracting surrounding vehicles. The beam pattern of the Model 778 XD has been engineered for maximum visibility with a backup camera system.

Looking at the photos below, you can see an apples-to-apples comparison of a leading competitor's light to the Model 778 XD. Notice how the competitor's beam pattern lacks uniformity and does not illuminate as much of the area behind the truck compared to the Model 778 XD.

If you have a backup camera system in place and value safety, the Model 778 XD is the clear choice for lighting.

### IN CAB COMPARISON



**Leading Competitor's Light**



**J.W. Speaker's Model 778 XD**



## MODEL 778 XD

### 5" x 3" LED BACKUP CAMERA LIGHT

- Designed for use with backup cameras
- One of the only lights that meets SAE J593
- Proprietary thermally-conductive housing material
- Universal pedestal mount for easy installation

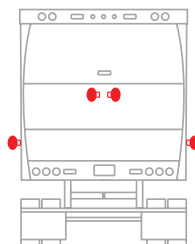
**Light Output:** 275 Candela

**Operating Voltage:** 10-55V DC

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

**Standards:** DOT-Compliant, Transport Canada Compliant,  
SAE J5983, Sealed to IP67, Buy America Compliant

#### Mounting Options:



#### Description

Backup Camera Light

#### Part #

1706721



## MODEL 783 XD

### 6" x 2" LED AUXILIARY LIGHT

- Proprietary thermally-conductive housing material
- Universal pedestal mount for easy installation
- Impact-and corrosion-resistant
- Available in flood or vertical flood beam patterns

**Raw Output:** 675 Lumens

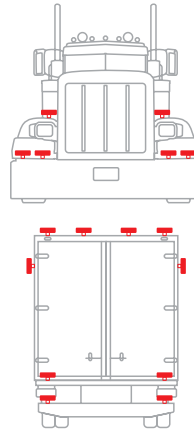
**Effective Output:** 485 Lumens

**Operating Voltage:** 9-60V DC

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

**Standards:** Sealed to IP67, UL Listed, Buy America Compliant

#### Mounting Options:



Description	Part #
Work Light with Flood Beam Pattern & Mounting Bracket	1603391
Work Light with Vertical Flood Beam Pattern & Mounting Bracket	1603451



## MODEL 840 XD

### 4" x 4" LED AUXILIARY LIGHT

- Impact-and corrosion-resistant
- Universal pedestal mount for easy installation
- Proprietary thermally-conductive housing material
- Available in a variety of beam pattern options

**Raw Output:** 1,080 Lumens

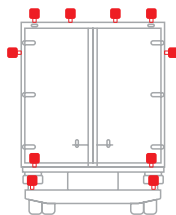
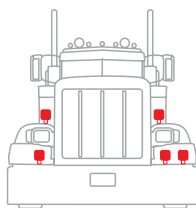
**Effective Output:** 780 Lumens

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

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

**Standards:** Sealed to IP69K, UL Listed, Buy America Compliant

#### Mounting Options:



**Magnet Kit**



**Stainless Steel Kit**



**Black Kit**



Description	Part #
Auxiliary Light with Flood Beam Pattern	1300001
Auxiliary Light with Spot Beam Pattern	1300021
Auxiliary Light with Trapezoid Beam Pattern	1300011
Replacement Magnet Mounting kit	8200011
Replacement Stainless Steel Mounting Kit	8200101
Replacement Black Mounting Kit	8200121





## MODEL 4415

### 3.5" ROUND LED AUXILIARY LIGHT

- BIG output, small form factor
- Cutting-edge optical design
- Perfect for mounting where space constraints are a concern
- Heavy-duty die-cast housing

**Raw Output:** 2,450 Lumens

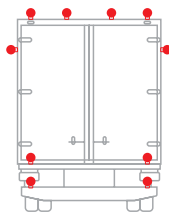
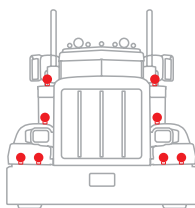
**Effective Output:** 1,350 Lumens

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

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

**Standards:** Sealed to IP67, Buy America Compliant

#### Mounting Options:



Description	Part #
Auxiliary Light with Spot Beam Pattern	0551001
Auxiliary Light with Trapezoid Beam Pattern	0549841



## MODEL 4415 SIDE VIEW LIGHT KIT

### 3.5" ROUND LED AUXILIARY LIGHT

- Upgrade your side view mirrors or mount on sides of rear cab bunk
- Helps illuminate your field of view while backing up
- Kit includes 2 lights and necessary mounting hardware

**Raw Output:** 2,450 Lumens

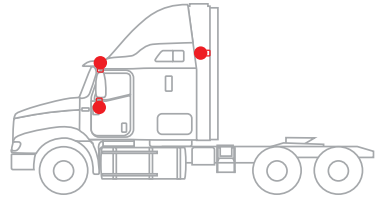
**Effective Output:** 1,350 Lumens

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

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

**Standards:** Sealed to IP67, Buy America Compliant

#### Mounting Options:



#### Description

2 Light Kit, Side View Mirror Auxiliary Lights with Spot Beam Pattern

#### Part #

0551753

# LED SIGNAL LIGHTS

J.W. Speaker's LED signal lights are designed and manufactured with reliability, improved response time, and legal requirements in mind.



## RELIABILITY

Our LED signal lights are built to withstand the most rugged of environments because they're used everywhere from mines to construction sites. Inside and out, you can trust our signal lights to provide you with year after year of high-performance service.

## IMPROVED RESPONSE TIME

J.W. Speaker's signal lights utilize the latest & greatest in LED technology, which makes them highly visible to those around you. LEDs don't fall victim to the same delays associated with charging and dimming an incandescent bulb. That superior responsiveness ultimately makes LED signal lights more safe.

## ON-ROAD LEGAL REQUIREMENTS

Our LED signal lights are made to meet or surpass various regulatory standards for on-road use. If you ever have questions about which requirements a product meets, simply look it up on our website at [www.jwspeaker.com](http://www.jwspeaker.com).



## MODEL 150

### 3" x 1" LED DOME & MARKER LIGHT

- Our smallest LED signal and dome lights
- Acrylic lens resists scratching and scuffing
- Low-profile mount makes it easy to place almost anywhere

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**Input Voltage:** 12-24V DC

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**Wiring:** 118" Bare Leads

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

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Sealed to IP67, Buy America Compliant

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Description	Part #
Amber Side Marker Light with Mounting Assembly	0205341
Red Rear Position Light with Mounting Assembly	0205321
Clear Dome Light with Mounting Assembly	0443051



## MODEL 151

### 3" x 2" LED LICENSE PLATE ILLUMINATOR

- Bright, white light provides maximum visibility
- Low power consumption saves on operating costs
- Acrylic lens stands up to abuse

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**Input Voltage:** 12-24V DC

---

**Wiring:** 118" 20 AWG Jacketed Cable

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**Standards:** Sealed to IP67, Buy America Compliant

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Description	Part #
License Plate Illuminator	0341281



## MODEL 157

### 5" x 3" LED SIDE TURN SIGNAL & MARKER LIGHTS

- Available in side turn or side marker configurations
- LEDs maximize visibility
- Tough acrylic lens withstands abuse
- IP67 rating means it's sealed tight from water and dust

**Input Voltage:** 12-24V DC

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

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

Sealed to IP67, Buy America Compliant

Description	Part #
Amber Turn Signal with Mount	0344311
Clear Turn Signal with Mount	0344301





## MODEL 225

### 7" x 5" LED STOP, TAIL & TURN SIGNAL LIGHTS

- LEDs withstand shock and vibration
- Easy installation with low-profile mount
- Suits a wide range of vehicles

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

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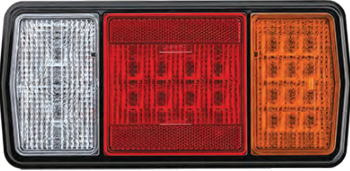
**Mating Connector:** 2-Pin Deutsch connector (DT06-2S)

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**Standards:** Sealed to IP67, Buy America Compliant

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Description	Part #
Stop, Tail & Turn Signal Light	0347431



## MODEL 265

### 11" x 5" LED STOP, TAIL, TURN SIGNAL & BACKUP LIGHTS

- Highly visible, long-lasting LEDs
- Multi-function solution for trucks and buses
- Variety of mounting accessories available

**Input Voltage:** 12-24V DC

**Mating Connector:** 6-Pin Deutsch Plug (DT06-6S)

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

**Assembly for Hino Trucks**



**Assembly for Nissan Trucks**



**Assembly for Mitsubishi Trucks**



Description	Part #
Stop, Tail, Turn Signal & Backup Light	0342421
Optional Mounting Bracket Assembly for Hino Trucks	6144350
Optional Mounting Bracket Assembly for Nissan Trucks	6144360
Optional Mounting Bracket Assembly for Mitsubishi Trucks	6144370



## MODEL 267

### 11" x 4" LED STOP, TAIL & TURN SIGNAL LIGHTS

- Sturdy ABS housing provides durability
- Low-profile mount fits a variety of vehicles
- Fast responding LEDs out-perform incandescent bulbs

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**Input Voltage:** 12-24V DC

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**Mating Connector:** 4-Pin Deutsch connector (DT06-4S)

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

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Description	Part #
Stop, Tail & Turn Signal Light	0339711



## MODEL 279

### 6" x 8" LED SIGNAL LIGHTS

- "Blacked out" styling and innovative "light blade" technology
- Designed to fit a variety of vehicles
- Retrofits any vehicle that has flat-mounted tail lights

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

**Wiring:** 10" Bare Leads

**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant



**Mounting Kit**



Description	Part #
2 Light Kit, DOT LED Tail Light	0347553
2 Light Kit, Mounting Kit for Model 279	8200231



## MODEL 6042

### 4.5" ROUND LED STOP & TAIL LIGHTS

- Easy installation for replacing PAR36 lights
- Die-cast aluminum housing provides maximum protection
- High-output LEDs to increase safety

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**Input Voltage:** 12-24V DC

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**Mating Connector:** Female Terminal Mole1 ETC AA-2140 T  
or #8 Ring Terminal

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**Standards:** DOT-Compliant, Transport Canada Compliant,  
Sealed to IP67, Buy America Compliant

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Description	Part #
Stop & Tail Light	0343211

# LED INTERIOR LIGHTS



## SEE MORE CLEARLY, SAVE ENERGY

J.W. Speaker's interior LED lighting products offer an effective way to save energy and provide superior visibility inside your fleet vehicles. We use only the best name-brand LEDs to give you a noticeably brighter look at your vehicle's interior, while at the same time using less energy than traditional bulb-based lights.





# MODEL 410

## 7" x 3" LED DOME LIGHTS

- Polycarbonate lens & housing for maximum protection
- Low-profile mount for maximum cabin space
- Also available with an easy on/off switch (Model 411)

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

**Mating Connector:** MOLEX P/N 190170014

**Standards:** Buy America Compliant

Description	Part #
Dome Light	0443271



## MODEL 411

### 7" x 3" LED DOME LIGHTS

- Polycarbonate lens & housing for maximum protection
- Available with an on/off button or on/off/rocker door rocker switch
- Low-profile mount for maximum cabin space

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**Input Voltage:** 12-24V DC

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**Wiring:** 6" Bare Leads

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**Standards:** Buy America Compliant

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Description	Part #
Dome Light with On/Off Button	0443281
Dome Light with On/Off/Door Rocker Switch	0443291



# MODEL 412

## 7" x 2" LED DOME LIGHTS

- Available in configurations with or without a switch
- Also available with or without a timer
- Low-profile mount for maximum cabin space

**Input Voltage:** 12-24V DC or 12-48V DC

**Standards:** Sealed to IP67, Buy America Compliant

Note: Light comes with either Deutsch DT04-2P connector or 7" bare leads

Description	Part #
12-24V White Dome Light with 7" Bare Leads, No Switch, No Timer	0442511
12-48V White LED Dome Light with 7" Bare Leads & Switch, No Timer	0443011
12-48V White LED Dome Light with Deutsch Connector, Switch & 60 Minute Timer	0443301
12-48V White LED Dome Light with 7" Bare Leads & Switch, No Timer	0443011
12-48V White LED Dome Light with Deutsch Connector, Switch & 60 Minute Timer	0443301

# LED STROBE LIGHTS



## SAFETY FIRST

We understand that safety is always the #1 priority, and visibility plays a significant role in creating a safe work environment. Using the latest in LED technology, we're able to help prevent accidents by increasing visibility not only for drivers, but for those around them.

## DESIGNED TO LAST

We recognize that strobe lights need to be reliable, which is why we design ours to function in even the most adverse conditions. We select only the highest quality materials because we understand that their lifespan and dependability directly translate to a safer work environment.



## MODEL 406

### 5" ROUND LED STROBE LIGHTS

- Meets Class II requirements for strobe lights
- Polycarbonate mounting base with new mounting pattern for easy installation
- Low-profile (only 3.8" tall) saves space
- 6 modes integrated into one platform
- Fits existing magnetic mounts

**Operating Voltage:** 9-110V DC

**Wiring:** 12" Bare Leads

**Standards:** Sealed to IP67, UL Recognized,

Buy America Compliant

#### Mounting Options:



#### FLASH RATES & OUTPUT PULSE PATTERNS

MODE 1: ROTATING BEACON

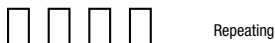
MODE 4: DOUBLE (240 FPM)



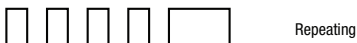
Repeating

MODE 2: QUADRUPLE (480 FPM)

MODE 5: BURST (300 FPM)



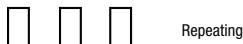
Repeating



Repeating

MODE 3: FAST (540 FPM)

MODE 6: STEADY FLASH (60 FPM)



Repeating



Repeating

#### Light with DIN Mount



Description	Part #
Amber Class II Strobe Light	0646501
Blue Class II Strobe Light	0646531
Red Class II Strobe Light	0646541
Amber Class II Strobe Light with DIN Mount	0646731



## MODEL 407

### 5" ROUND LED STROBE LIGHTS

- Meets Class I requirements for strobe lights
- Low-profile (only 3.8" tall) saves space
- Die-cast aluminum mounting base with new mounting pattern for easy installation
- 6 modes integrated into one platform
- Fits existing magnetic mounts

**Operating Voltage:** 9-110V DC

**Wiring** 12" Bare Leads

**Standards:** Sealed to IP67, UL Recognized,  
Buy America Compliant

#### Mounting Options:



#### FLASH RATES & OUTPUT PULSE PATTERNS

MODE 1: ROTATING BEACON

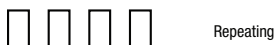
MODE 4: DOUBLE (240 FPM)



Repeating

MODE 2: QUADRUPLE (480 FPM)

MODE 5: BURST (300 FPM)



Repeating



Repeating

MODE 3: FAST (540 FPM)

MODE 6: STEADY FLASH (60 FPM)



Repeating



Repeating

#### Light with DIN Mount



Description	Part #
Amber Class I Strobe Light	0646491
Blue Class I Strobe Light	0646551
Green Class I Strobe Light	0646571
Red Class I Strobe Light	0646561
Amber Class I Strobe Light with DIN Mount	0646741

# PORTABLE LED WORK LIGHTS



## SUPERIOR VISIBILITY

Many lighting companies focus on maximizing the light output when creating a work light. While light output is essential, it doesn't do you much good if the quality of the beam pattern is poor. Our lights are engineered to maximize output and put all of that light exactly where you need it the most.

## PORTABLE CONVENIENCE

Our portable LED work lights combine the best of a heavy-duty LED work light with the convenience of something you can easily pick up and toss in your vehicle. Wall and vehicle charging options give you the ultimate flexibility for keeping your lights charged up and ready to go.





## MODEL 4416

### HANDHELD LED WORK LIGHTS

- New ergonomic handle fits gloved hand
- 6' long 12-24V 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



## MODEL 8475

### HANDHELD LED WORK LIGHTS

- Comes with vehicle charging cord & wall charging unit
- 6+ hours of continuous use when fully charged
- Internal Lithium-Ion battery
- Indicator light lets you know battery charge status

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**Raw Output:** 1,050 Lumens

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**Effective Output:** 770 Lumens

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**Operating Voltage:** 9-28V DC

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**Weight:** 3.10 lbs

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**Standards:** Buy America Compliant

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Description	Part #
Handheld Work Light with Flood Beam Pattern	0548561
Handheld Work Light with Spot Beam Pattern	0548551

# MODEL 60

## PORTABLE & RUGGED



### Long Battery Life & Short Charge

Lasts 8 hours at 100% power with only a 4-hour charge time on vehicle charger



## MODEL 60

### LED PORTABLE WORK LIGHTS

- Durable internal steel chassis with waterproof power outlets
- Integrated vehicle charging cord
- Unique 3-stage adjustable optics from full spot beam

**Raw Output:** 3,600 Lumens

**Effective Output:** 1,700 Lumens

**Input Voltage:** 12V DC

**Weight:** 26 lbs

**Standards:** Sealed to IP54, CE Recognized

Description	Part #
Portable Work Light System with Vehicle Charger	0547141
Portable Work Light System with Vehicle Charger & Remote	0547171
Wall Charger for Model 60	6600651
Optional NATO Tripod - Model 79	3000671

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

***J.W. SPEAKER®***

*Engineered. Lighting. Solutions.*

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