

# LED Heated and Non Heated Work Lights - Model 670 XD

## PRODUCT INFORMATION

<b>Description</b>	12-24V LED Heated Work Light with Spot Beam Pattern
<b>Height</b>	162.31 mm / 6.39 in
<b>Width</b>	123.95 mm / 4.88 in
<b>Depth</b>	52.58 mm / 2.07 in
<b>Shape</b>	Round
<b>Outer Lens Material</b>	Polycarbonate
<b>Outer Lens Color</b>	Clear
<b>Housing Material</b>	Polycarbonate
<b>Housing Color</b>	Black
<b>Mounting Hardware Description</b>	5/16-18 x 1" Mounting Bolt
<b>Mounting Type</b>	Universal Pedestal Mount
<b>Minimum Operating Temperature</b>	-40 °C / -40 °F
<b>Maximum Operating Temperature</b>	65 °C / 149 °F
<b>Connector or Wiring</b>	Integrated 2-Pin Deutsch Weather-Proof Socket (DT04-2P)
<b>Mating Connector</b>	2-Pin Deutsch Weather-Proof Plug (DT06-2S)
<b>Product Weight</b>	1.41 lbs / 0.64 kgs
<b>Shipping Weight</b>	1.41 lbs / 0.64 kgs



**Print date: 2026-06-13**

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.  
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

# LED Heated and Non Heated Work Lights - Model 670 XD

## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12-24V DC
<b>Operating Voltage</b>	10-30V DC
<b>Red Wire</b>	Positive
<b>Black Wire</b>	Negative
<b>Current Draw</b>	1.3A @ 12V DC (Without Heat) 0.6A @ 24V DC (Without Heat) 2.1A @ 12V DC (With Heat) 1.1A @ 24V DC (With Heat)

## REGULATORY STANDARDS COMPLIANCE



Buy America Standards  
IEC IP67  
SAE J1113-13

Eco Friendly  
IEC IP69K

Print date: 2026-06-13

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.  
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

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

# LED Heated and Non Heated Work Lights - Model 670 XD

## PHOTOMETRIC SPECIFICATIONS

---

<b>Raw Lumen Output</b>	1,080
<b>Effective Lumen Output</b>	780
<b>Nominal LED Color Temperature</b>	5000 K
<b>Beam Pattern(s)</b>	Forward Lighting - Spot

## APPLICATIONS

---



## SMARTHEAT™ HEATING SYSTEM

---

The SmartHeat™ heating system senses ambient temperature and turns the integrated heating system in the lens on & off. This system actually clears ice & snow twice as fast as conventional halogen lamps.

### When does the heater turn on?

Heater turns on or off according to temperature changes and vehicle power:

- Heater will turn on when temperatures drop, generating enough heat to prevent ice build-up.
- Heater will turn on when powering up, de-icing the light as rapidly as possible.

### When does the heater turn off?

Heater will turn off when it senses temperatures increase and are above the high temperature threshold.

Learn more about this technology [here](#).

---

**Print date: 2026-06-13**

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.  
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

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

# LED Heated and Non Heated Work Lights - Model 670 XD

## PRODUCT WARNINGS

---

For California residents:

⚠ **WARNING:** Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## RELATED PRODUCTS

---



**Part Number**  
**1403241**

12-24V Non-Heated  
LED Work Light with  
Flood Beam Pattern



**Part Number**  
**1403251**

12-24V Non-Heated  
LED Work Light with  
Trapezoid Beam  
Pattern



**Part Number**  
**1403261**

12-24V Non-Heated  
LED Work Light with  
Spot Beam Pattern



**Part Number**  
**1403271**

12-110V Non-Heated  
LED Work Light with  
Trapezoid Beam  
Pattern



**Part Number**  
**1403281**

12-110V Non-Heated  
LED Work Light with  
Spot Beam Pattern



**Part Number**  
**1403291**

12-110V Non-Heated  
LED Work Light with  
Flood Beam Pattern



**Part Number**  
**1403471**

12-24V LED Heated  
Work Light with Flood  
Beam Pattern



**Part Number**  
**1403491**

12-24V LED Heated  
Amber Work Light with  
Flood Beam Pattern