

# LED Headlights - Model 8801 Evolution

## PRODUCT INFORMATION

---

<b>Description</b>	12V DOT/ECE LED High Beam Driving Light - 2 Light Kit
<b>Height</b>	142.75 mm / 5.62 in
<b>Width</b>	167.39 mm / 6.59 in
<b>Depth</b>	86.36 mm / 3.4 in
<b>Shape</b>	Rectangular
<b>Outer Lens Material</b>	Hardcoated Polycarbonate
<b>Outer Lens Color</b>	Clear
<b>Housing Material</b>	Die-Cast Aluminum
<b>Housing Color</b>	Black
<b>Mounting Type</b>	Universal Pedestal Mount
<b>Retrofits</b>	1A1 and 2A1 (4" 1 6") sealed beams
<b>Minimum Operating Temperature</b>	-40 °C / -40 °F
<b>Maximum Operating Temperature</b>	65 °C / 149 °F
<b>Connector or Wiring</b>	AMP (#172615-2)
<b>Mating Connector</b>	LH Terminal - AMP (#172795-1); RH Terminal - AMP (#172796-2)
<b>Shipping Weight</b>	2.30 lbs / 1.04 kgs



---

**Print date: 2018-03-21**

© 2018 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 Headlights - Model 8801 Evolution

## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12V DC
<b>Operating Voltage</b>	10-15V DC
<b>Transient Spike Protection</b>	150V Peak @ 1 HZ-100 Pulses
<b>Red Wire</b>	Positive
<b>Black Wire</b>	Negative
<b>Current Draw</b>	2.25A @ 12V DC

## REGULATORY STANDARDS COMPLIANCE



Buy America Standards  
Eco Friendly  
IEC IP67

ECE Reg 112  
FMVSS 108 Table XVIII

Print date: 2018-03-21

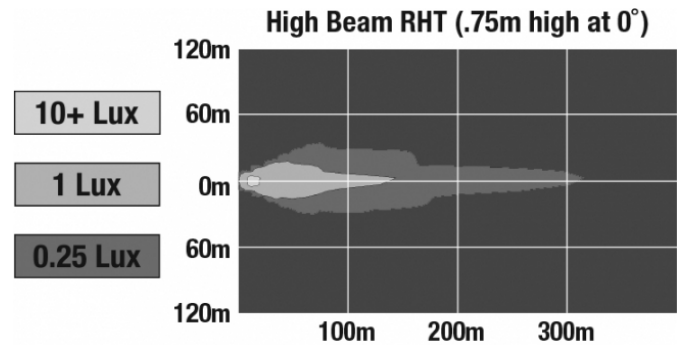
© 2018 J.W. Speaker Corporation • Germantown, WI U.S.A.  
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

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

# LED Headlights - Model 8801 Evolution

## PHOTOMETRIC SPECIFICATIONS

<b>Raw Lumen Output</b>	1,890
<b>Effective Lumen Output</b>	890
<b>Nominal LED Color Temperature</b>	5000 K
<b>Beam Pattern(s)</b>	Forward Lighting - Driving Forward Lighting - High Beam (DOT/ECE)



## APPLICATIONS



## ADDITIONAL INFORMATION

Headlight must be securely mounted and properly aimed such that the beam pattern cut off line complies with all applicable regulations. If you are not familiar with the legal requirements for aiming your headlights, please see a professional service provider. We recommend that headlights are aimed with a headlight aiming system for proper alignment.

Kit includes two high beam lamps and relay kit.

Print date: 2018-03-21

© 2018 J.W. Speaker Corporation • Germantown, WI U.S.A.  
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

# LED Headlights - Model 8801 Evolution

## RELATED PRODUCTS

---



**Part Number**  
**0549211**  
12V DOT/ECE RHT LED  
Low Beam Headlight



**Part Number**  
**0549231**  
12V DOT/ECE LED High  
Beam Headlight



**Part Number**  
**0549251**  
12V ECE LHT LED Low  
Beam Headlight



**Part Number**  
**1801641**  
12V LED Work Light  
with Flood Beam  
Pattern