

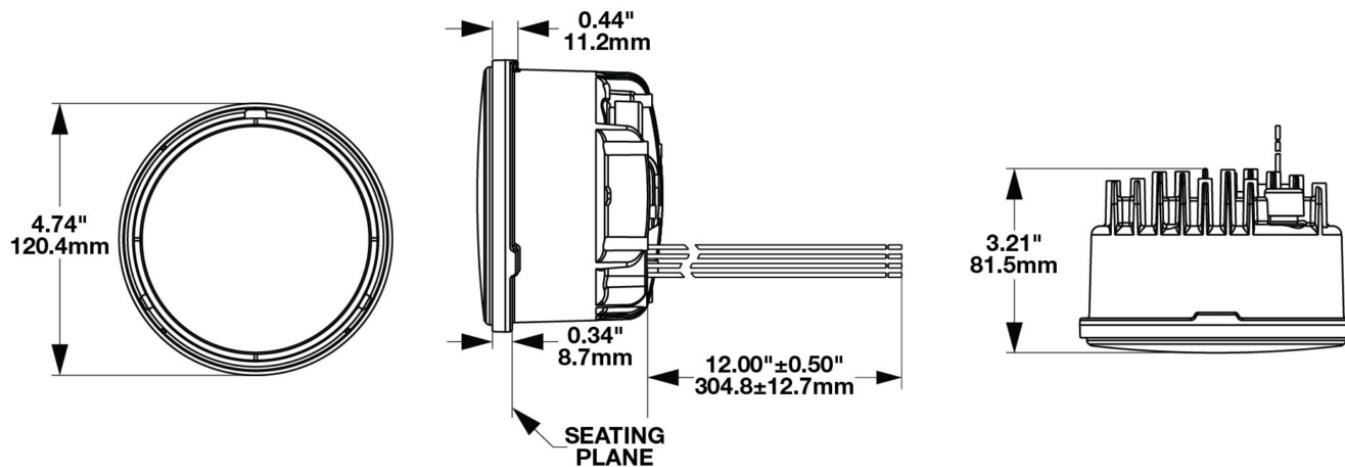
# LED Headlights - Model 6130 Evolution

## PRODUCT INFORMATION

<b>Description</b>	12-24V DOT/ECE LED RHT High & Low Beam Headlight with Front Position
<b>Height</b>	120.40 mm / 4.74 in
<b>Width</b>	120.40 mm / 4.74 in
<b>Depth</b>	81.53 mm / 3.21 in
<b>Shape</b>	Round
<b>Outer Lens Material</b>	Polycarbonate
<b>Outer Lens Color</b>	Clear
<b>Housing Material</b>	Aluminum
<b>Housing Color</b>	Black
<b>Bezel Color</b>	Black
<b>Connector or Wiring</b>	300mm Flying Leads
<b>Mating Connector</b>	n/a
<b>Product Weight</b>	1.55 lbs / 0.7 kgs
<b>Shipping Weight</b>	1.68 lbs / 0.76 kgs



## PRODUCT DIMENSIONS



# LED Headlights - Model 6130 Evolution

## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12-24V DC
<b>Operating Voltage</b>	10-30V DC
<b>Transient Spike Protection</b>	150V Peak @ 1 HZ-100 Pulses
<b>Black Wire</b>	Ground
<b>Yellow Wire</b>	Low Beam
<b>White Wire</b>	High Beam
<b>Red Wire</b>	Front Position
<b>Current Draw</b>	3.00A @ 12V DC (High Beam) 1.43A @ 24V DC (High Beam) 2.30A @ 12V DC (Low Beam) 1.01A @ 24V DC (Low Beam) 0.12A @ 12V DC (Front Position) 0.09A @ 24V DC (Front Position)

## REGULATORY STANDARDS COMPLIANCE



Buy America Standards	ECE Reg 112
ECE Reg 7	Eco Friendly
FMVSS 108 s10.1 (Table XIX)	FMVSS 108 s10.1 (Table XVIII)
IEC IP67	

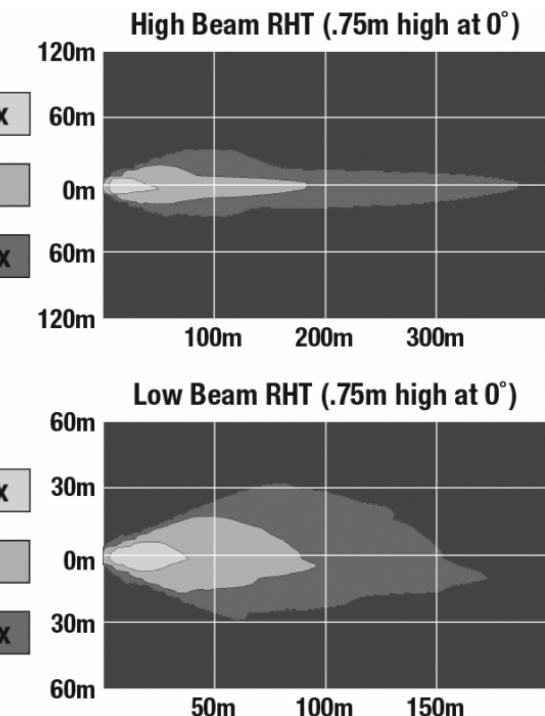
Print date: 2026-01-20

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.  
[www.jwspeaker.com](http://www.jwspeaker.com) • [speaker@jwspeaker.com](mailto:speaker@jwspeaker.com) • 262.251.6660

# LED Headlights - Model 6130 Evolution

## PHOTOMETRIC SPECIFICATIONS

<b>Raw Lumen Output</b>	2,230 (High Beam); 1,330 (Low Beam)
<b>Effective Lumen Output</b>	840 (High Beam); 440 (Low Beam)
<b>Beam Pattern(s)</b>	Forward Lighting - High Beam (DOT/ECE) Forward Lighting - Low Beam (ECE Right Hand) Signalization - Front Position



## APPLICATIONS



Print date: 2026-01-20

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

# LED Headlights - Model 6130 Evolution

## ADDITIONAL INFORMATION

---

Jump Start: 48V for 2 min

Reverse Polarity: -24V for 2 min

Load Dump: 150V 5 pulses 10 sec intervals

Inductive Switching: 600V 10 pulses 1 sec intervals

Mutual Coupling: 300V 10 pulses 1 sec intervals

## 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

**0549891**

12-24V ECE LED LHT

High & Low Beam

Headlight with Front

Position

**Print date: 2026-01-20**

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.

[www.jwspeaker.com](http://www.jwspeaker.com) • [speaker@jwspeaker.com](mailto:speaker@jwspeaker.com) • 262.251.6660