

LED Headlights - Model 8700 EVO 2 Dual Burn

PRODUCT INFORMATION

Description	12-24V ECE LED LHT High & Low Beam Headlight with FP, DRL, Chrome Inner Bezel
Height	176.53 mm / 6.95 in
Width	252.73 mm / 9.95 in
Depth	99.82 mm / 3.93 in
Shape	Round
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Aluminum
Housing Color	Gray
Bezel Color	Chrome
Retrofits	2D1 "PAR56" or 7" round headlights
Minimum Operating Temperature	-40 °C / -40 °F
Maximum Operating Temperature	65 °C / 149 °F
Connector or Wiring	H4
Mating Connector	H4 AMP#172615-2
Product Weight	2.31 lbs / 1.05 kgs
Shipping Weight	3.35 lbs / 1.52 kgs



Print date: 2017-11-23

© 2017 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 8700 EVO 2 Dual Burn

ELECTRICAL SPECIFICATIONS

Input Voltage	12-24V DC
Operating Voltage	9-32V DC
Transient Spike Protection	150V Peak @ 1 HZ-100 Pulses
Black Wire	Ground
Yellow Wire	Low Beam
White Wire	High Beam
Red Wire	Front Position
Blue Wire	DRL
Current Draw	4.2A @ 12V DC (High Beam) 2.00A @ 12V DC (Low Beam) 2.3A @ 24V DC (High Beam) 1.10A @ 24V DC (Low Beam) 1.60A @ 12V DC (DRL) .80A @ 24V DC (DRL) .16A @ 12V DC (Front Position) .10A @ 24V DC (Front Position)

REGULATORY STANDARDS COMPLIANCE



Buy America Standards	ECE Reg 112
ECE Reg 7	ECE Reg 87
Eco Friendly	IEC IP67

Print date: 2017-11-23

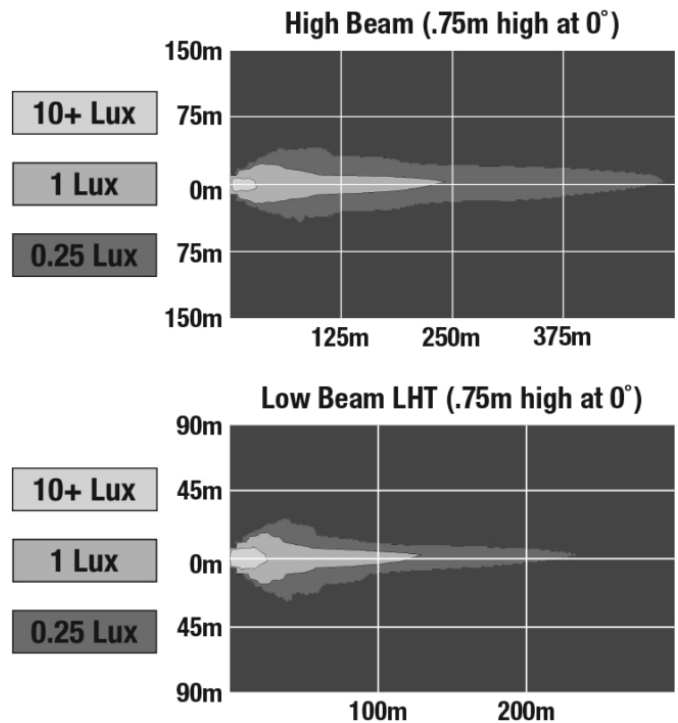
© 2017 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER
Engineered. Lighting. Solutions.

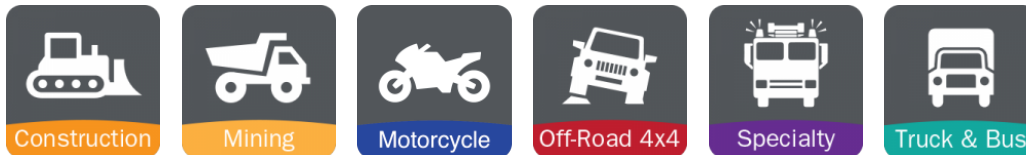
LED Headlights - Model 8700 EVO 2 Dual Burn

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	3,200 (High Beam); 1,770 (Low Beam)
Effective Lumen Output	1,260 (High Beam); 750 (Low Beam)
Candela Output	71,500 (High Beam) 35,003 (Low Beam)
Nominal LED Color Temperature	5000 K
Beam Pattern(s)	Forward Lighting - Daytime Running Light Forward Lighting - High Beam (ECE) Forward Lighting - Low Beam (ECE Left Hand) Signalization - Front Position



APPLICATIONS



Print date: 2017-11-23

© 2017 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

LED Headlights - Model 8700 EVO 2 Dual Burn

ADDITIONAL INFORMATION

This light has been updated with Dual Burn™ high beam optics.

This technology combines your high and low beam when turning on your high beam, providing the driver with both widespread visibility along with a powerful punch of light down the road.



LOW BEAM



**STANDARD
HIGH BEAM**



**DUAL BURN™
HIGH BEAM**

Installation:

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.

Fits the following vehicles:

1955-1983 Jeep CJ-5*
 1976-1986 Jeep CJ-7*
 1981-1985 Jeep CJ-8*
 1997-2006 Jeep Wrangler (TJ)
 2007-2015 Jeep Wrangler 2-Door (JK)
 2007-2015 Jeep Wrangler Unlimited 4-Door (JK)

*Some modification of the bucket may be required

ECE-COMPLIANCE

This light is ECE-compliant and is not for use on-road in the U.S.

To be ECE-compliant guarantees your lights are compliant in the European Union and in non-European countries that have adopted ECE Regulations for visibility, durability, and reliability.

Print date: 2017-11-23

© 2017 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 8700 EVO 2 Dual Burn

ACCESSORIES



Part Number
3156351
Mounting Ring Kit for
7" Round (PAR56)
Headlights



Part Number
3156561
Panel Mount Bucket
Assembly for 8700
Evolution & 8710
Series



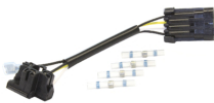
Part Number
3266081
Jumper Harness
H4/H13 for 8700
Evolution & 8710
Series



Part Number
8000311
Anti-Flicker Harness
H4/H13 for 8700
Evolution Series
Headlights



Part Number
8000381
Anti-Flicker Harness
H4/H4 for 8700
Evolution Series
Headlights



Part Number
8200411
Wire Harness H4 for 7"
Round (PAR56)
Headlights

LED Headlights - Model 8700 EVO 2 Dual Burn

RELATED PRODUCTS



Part Number
0552751

12-24V ECE LED LHT
High & Low Beam
Headlight with FP, DRL,
& Black Inner Bezel



Part Number
0552761

12-24V ECE LED RHT
High & Low Beam
Headlight with FP, DRL,
Black Inner Bezel



Part Number
0553321

12-24V ECE LED RHT
High & Low Beam
Headlight with FP, DRL,
Chrome Inner Bezel



Part Number
0554941

12-24V DOT LED High
& Low Beam Headlight
with Black Inner Bezel



Part Number
0554961

12-24V DOT LED High
& Low Beam Headlight
with Chrome Inner
Bezel



Part Number
0554981

12-24V DOT LED High
& Low Beam Headlight
with Black Inner Bezel
with Mounting Ring



Part Number
0554991

12-24V DOT LED High
& Low Beam Headlight
with Chrome Inner
Bezel with Mounting
Ring