



HEADLIGHT CATALOG



J.W. SPEAKER BRINGS SCIENCE & DESIGN TOGETHER.

We view vehicle lighting from the perspective that matters most – Yours. Our engineers advance the science of light further each day to improve your safety. Our designers make vehicles look more beautiful from every point of view. You only get this unique mix of **science & design** from authentic J.W. Speaker products.





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SURPASSING STANDARDS WORLDWIDE.

J.W. Speaker is committed to making the best products to be used legally on-road around the world. To do that, we design lights that meet and exceed the requirements for a variety of regulations:



The Federal Motor Vehicle Safety Standard regulates all automotive lighting, signaling, and reflective devices in the U.S.A. and is enforced by the Department of Transportation (**DOT**)



Many countries recognize the United Nations Economic Commission for Europe (**ECE**) Transport Division's regulations and mirror the ECE regulations in their own national requirements



SAE International develops standards for the engineering of powered vehicles mainly in the U.S.A. and Canada, including cars, trucks, boats, aircraft, and more



Transport Canada is responsible for developing regulations, policies, and services relating to transportation in Canada



The Australian Design Rules (**ADR**) are national standards for vehicle safety, anti-theft, and emissions

KEY TERMS

Daytime Running Light (DRL): Headlights that include DRL in their design will automatically switch on the daytime running lamp when the vehicle is moving forward, emitting a white light to increase the visibility of the vehicle during daylight conditions.

Front Position (FP): This part of a headlight provides added visibility of your vehicle to other drivers, particularly helpful for nighttime visibility while parked.

Left Hand Traffic (LHT): referring to which side of the road a driver uses. For instance, a driver in the UK is Left Hand Traffic and would use two LHT lights.

Right Hand Traffic (RHT): referring to which side of the road a driver uses. For instance, a driver in Canada is Right Hand Traffic would use two RHT lights.





LUMENS & BEAM PATTERNS

RAW LUMENS:

A measure of the theoretical output of a light

Calculated by multiplying the manufacturer's lumen rating for the LED by the number of LEDs in the finished light

Does not represent the actual light output as it doesn't account for thermal, assembly and optical losses that impact all lights

Example Calculation: LED is rated at 100 Lumens 8 LEDs in the finished light 100 x 8 = 800 Raw Lumens

EFFECTIVE LUMENS:

A measure of the **actual** output of a light

Measured using a photometric testing device for an exact measurement of a finished light for an accurate value of light output

Represents the actual light output of the finished light after thermal, assembly and optical losses

Example Measurement: Raw Lumens = 800 Losses = ~40% of Raw Lumens (800 x .4 = 320) 800 – 320 = 480 Effective Lumens

J.W. Speaker uses photometric testing devices and optical engineers to measure the Effective Lumens of our products to give you accurate light output values.

BEAM PATTERNS

Each light pattern is designed and tested by optical engineers to give you the best possible beam pattern to drive behind.

Below are examples of the common beam patterns.



Illuminates across the road and ahead of the vehicle, with a cutoff to prevent glare for oncoming traffic



Bright light for distance illumination above and below the horizon, when not following or passing vehicles



Our engineers design each product to project

light in the areas you need it and comply with

the legal requirements for on-road use in the



Short and wide pattern to illuminate area just above the ground & in front of the vehicle

PARTS OF A LIGHT DIAGRAM

Lux Key1: Intensity of the light measured

Title²: The type of beam pattern, and the height and angle of the light when it was measured

Light Pattern³: A "bird's eye view" showing the shape, intensity, and distance

Distance Markers⁴: Reference in meters (m) for the size and distance of the light pattern



COLOR TEMPERATURE & IP RATINGS

Measured in degrees Kelvin, color temperature describes how cool or warm the light emitted by a source is. Any object will emit light if it is heated to a high enough temperature. The color of the light will change in a predictable way as the temperature increases, shown on the Kelvin Scale.

Warm: 0 to 3,000K

Used in living spaces or retail stores Similar to the rising and setting sun Can fatigue eyes and make people feel tired

Neutral White: 3,500 to 4,900K Used in bathrooms, offices, classrooms & malls Clean and neutral lighting that is inviting Promotes efficiency and similar to daylight

Cool: 5,000-7,000K

Used in hospitals, manufacturing, & construction areas Promotes alertness and attention to detail Mimics daylight and makes people feel more awake

J.W. Speaker uses LEDs and designs lights with a color temperature of 5,000K to give drivers crisp, white light for the best visibility, and to promote alertness and safety.



Color temperature does not measure or indicate the physical heat coming from a light source.

IP RATINGS

The Ingress Protection (IP) Code outlines a system of classification for the protection of electrical enclosures against the intrusion of foreign bodies like tools, fingers, dust, and moisture. The system of classification was specified by the International Electrotechnical Commission and is officially designated as IEC 60529.

FIRST # - DEGREE OF INGRESS PROTECTION

The degree of protection against contact with moving parts and the degree that the equipment is protected against solid foreign bodies intruding into an enclosure.

IP # DESCRIPTION

- 0 No protection provided.
- 1 Protection against entry of objects larger than 50 square mm.
- 2 Protection against entry of objects larger than 12 square mm.
- 3 Protection against entry of objects larger than 2.5 square mm.
- Protection against entry of objects larger than 1.0 square mm.
 Protection against entry of dust in sufficient quantity to prevent
- 5 Protection against entry of dust in sufficient quantity to preve satisfactory operation.
- 6 Complete protection against entry dust.

SECOND # - DEGREE OF MOISTURE PROTECTION

The degree of protection for the equipment inside the enclosure against the harmful entry of various forms of moisture (e.g. dripping, spraying, submersion, etc.)

IP #	DESCRIPTION
0	No protection provided.
1	Protection against drops of water falling vertically.
2	Protection against drops of water falling vertically when the light assembly is tilted up to 15 degrees from its normal position.
3	Protection from entry of water spray from angle of up to 60 degrees from vertical.
4	Protection from entry of water splashes or spray from any direction.
5	Protection from a low pressure jet of water in any direction.
6	Protection against heavy seas or a strong jet of water in any direction.
7	Protection against immersion up to 1 meter.
8	Protection against submersion over 1 meter.





EVO J3

Escape the standard.

Introducing the latest technology in lighting for Jeep® Wranglers. The EVO J3 is the first street-legal, plug & play Jeep headlight with a built-in turn signal. Powerful LEDs and carefully engineered light patterns give you the best performance and design available whether on the road or exploring off-road.

Light your adventure all year round.

The heated version of the EVO J3 features SmartHeat® technology to de-ice lenses for the best safety and visibility.

Customizing & control at your fingertips. Unlock more control and features in the EVO J3 using the new **J-Link[™] mobile app**. Customize your startup sequence, access the Off-Road Mode and lead the trail with Guide Mode.

PRODUCT SPECIFICATIONS

EVO J3

Raw Lumen Output: 3,600 (High Beam); 3,020 (Low Beam)

Effective Lumen Output: 1,320 (High Beam); 1,201 (Low Beam)

Candela Output: 68,800 (High Beam); 24,800 (Low Beam)

Connector/Wiring: H13 Delphi 15326813

Operating Voltage: 9-16V DC

Current Draw: Low Beam: 2.33A @ 12V DC High Beam: 3.25A @ 12V DC Front Turn: 3.00A @ 12V DC Daytime Running Light (DRL): 3.00A @ 12V DC Front Position: 0.45A @ 12V DC

Retrofit Information: Jeep JK 2010-2018

Standards:











TURN SIGNAL





OFF-ROAD MODE



LOW BEAM





DRL

HIGH BEAM



Jeep is a registered trademark of FCA US LLC.





😵 Bluetooth



HEATED

PART #	BEZEL	DESCRIPTION
0555613	Graphite	DOT/Kit of 2
0557213	Black	DOT/Kit of 2
0555663	Graphite	ECE/RHT/Kit of 2
0557243	Black	ECE/RHT/Kit of 2
0555623	Graphite	ECE/LHT/Kit of 2
0557223	Black	ECE/LHT/Kit of 2

NON-HEATED

PART #	BEZEL	DESCRIPTION
0555593	Graphite	DOT/Kit of 2
0557193	Black	DOT/Kit of 2
0555653	Graphite	ECE/RHT/Kit of 2
0557233	Black	ECE/RHT/Kit of 2
0555603	Graphite	ECE/LHT/Kit of 2
0557203	Black	ECE/LHT/Kit of 2

SmartHeat!





6145 J2 FOG LIGHT







PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,080

Effective Lumen Output: 610

Connector/Wiring: Packard 12059183

Operating Voltage: 10-15V DC

Current Draw: 1.60A @ 12V DC

Retrofit Information: 4" Round; Jeep Wrangler JK 2007- 2018 Standards:







PART #	BEZEL	DESCRIPTION
0554413	Carbon Fiber	SAE/ECE/Fog/Kit of 2
0554573	Black	SAE/ECE/Fog/Kit of 2







6146 FOG LIGHT

PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,080

Effective Lumen Output: 610

Connector/Wiring: Packard 12059183

Operating Voltage: 10-15V DC

Current Draw: 1.6A @ 12V DC

Retrofit Information: 4" Round; 2005-2014 Ford F-150s

Standards:







PART #	BEZEL	DESCRIPTION
0549671	Black	SAE/ECE/Fog/Kit of 2 for 2005-2010 Ford F-150
0549681	Chrome	SAE/ECE/Fog/Kit of 2 for 2005-2010 Ford F-150
0549651	Black	SAE/ECE/Fog/Kit of 2 for 2011-2014 Ford F-150
0549661	Chrome	SAE/ECE/Fog/Kit of 2 for 2011-2014 Ford F-150





8700 EVO 2 DUAL BURN











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)

Connector/Wiring: H4

Operating Voltage: 9-32V DC

Current Draw:

Heated High Beam: 4.20A @ 12V; 2.30A @ 24V DC High Beam: 3.50A @ 12V; 1.80A @ 24V DC Low Beam: 2.00A @ 12V; 1.10A @ 24V DC Front Position: 0.16A @ 12V; 0.10A @ 24V DC DRL: 1.60A @ 12V; 0.80A @ 24V DC

Retrofit Information: 7" Round (PAR56)

Standards:





HEATED

PART #	BEZEL	DESCRIPTION
0556281	Black	DOT/High/Low
0556291	Chrome	DOT/High/Low
0556301	Black	ECE/RHT/High/Low/FP/DRL
0556311	Chrome	ECE/RHT/High/Low/FP/DRL
0556321	Black	ECE/LHT/High/Low/FP/DRL
0556331	Chrome	ECE/LHT/High/Low/FP/DRL

NON-HEATED

PART #	BEZEL	DESCRIPTION
0554941	Black	DOT/High/Low
0554961	Chrome	DOT/High/Low

PART #	ACCESSORIES
3156561	Panel Mount Bucket Assembly
3156351	Mounting Ring Kit for 7" Round (PAR56) Headlights
3266081	Jumper Harness H4/H13
8000381	Anti-Flicker Harness H4/H4
8000311	Anti-Flicker Harness H4/H13





8700 EVO 2 PRO

PRODUCT SPECIFICATIONS

Raw Lumen Output: 4,170 (High Beam); 2,340 (Low Beam)

Effective Lumen Output: 1,340 (High Beam); 694 (Low Beam)

Candela Output: 84,700 (High Beam); 30,600 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-32V DC

Current Draw:

High Beam: 3.60A @ 12V; 1.80A @ 24V DC Low Beam: 2.00A @ 12V; 1.10A @ 24V DC Front Position: 0.16A @ 12V; 0.10A @ 24V DC DRL: 1.60A @ 12V; 0.80A @ 24V DC

Retrofit Information:

7" Round (PAR56)

Standards:











PART #	BEZEL	DESCRIPTION
0556981	Black	ECE/RHT/High/Low
0556971	Chrome	ECE/RHT/High/Low
0556961	Black	ECE/LHT/High/Low
0556951	Chrome	ECE/LHT/High/Low

PART #	ACCESSORIES
3156561	Panel Mount Bucket Assembly
3156351	Mounting Ring Kit for 7" Round (PAR56) Headlights
3266081	Jumper Harness H4/H13
8000311	Anti-Flicker Harness H4/H13



8700 EVO J CLASSIC







PRODUCT 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)

Connector/Wiring: H13

Operating Voltage: 9-16V DC

Current Draw: High Beam: 4.2A @ 12V DC Low Beam: 2.0A @ 12V DC

Retrofit Information:

7" Round (PAR56); Jeep Wrangler JK 2007-2018

Standards:





PART #	BEZEL	DESCRIPTION
0556793	Black	DOT/ECE/High/Low/Kit of 2
PART #	ACCESS	ORIES
3156561	Panel Mount	Bucket Assembly
3156351	Mounting Rir	ng Kit for 7" Round (PAR56) Headlights
8000381	Anti-Flicker H	larness H4/H4





8700 EVOLUTION 2R

PRODUCT 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)

Connector/Wiring: Delphi 33500006

Operating Voltage: 9-16V DC

Current Draw: High Beam: 4.00A @ 12V DC Low Beam: 2.70A @ 12V DC

Retrofit Information: Jeep[®] Renegades



0554263

0553623

Chrome

Black













DOT/High/Low/Kit of 2

DOT/High/Low/Kit of 2

8700 EVOLUTION J2



Souther Contractor



PRODUCT 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)

Connector/Wiring: H13 Delphi 15326813

Operating Voltage: 9-16V DC

Current Draw: High Beam: 4.20A @ 12V DC Low Beam: 2.00A @ 12V DC

Retrofit Information:

7" Round (PAR56); Jeep Wrangler JK 2007-2018

Standards:





KIT OF 2 HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0553973	Carbon Fiber	DOT/High/Low/Kit of 2
0554543	Black	DOT/High/Low/Kit of 2
0553983	Carbon Fiber	ECE/RHT/High/Low/Kit of 2
0554553	Black	ECE/RHT/High/Low/Kit of 2
0553993	Carbon Fiber	ECE/LHT/High/Low/Kit of 2
0554563	Black	ECE/LHT/High/Low/Kit of 2

PART #	ACCESSORIES
5868171	Single Mounting Ring Kit RH
5868181	Single Mounting Ring Kit LH
8200461	2017-18 Jeep JK Mounting Ring Kit

SINGLE HEADLIGHT

7.20"±0.50" 183.0±12.7mm

0.56" 4.2mm

PART #	BEZEL	DESCRIPTION
0553971	Carbon Fiber	DOT/High/Low
0554541	Black	DOT/High/Low
0553981	Carbon Fiber	ECE/RHT/High/Low
0554551	Black	ECE/RHT/High/Low
0553991	Carbon Fiber	ECE/ LHT/High/Low
0554561	Black	ECE/ LHT/High/Low



3.93" 99.8mm





PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,250 (High Beam); 2,830 (Low Beam)

Effective Lumen Output: 898 (High Beam); 782 (Low Beam)

Candela Output: 73,200 (High Beam); 29,800 (Low Beam)

Connector/Wiring: H4 Connector - AMP (#172615-2)

Operating Voltage: 9-32V DC

Current Draw: Heated: 3.30A @ 12V; 1.67A @ 24V DC Non-Heated: 2.10A @ 12V; 1.00A @ 24V DC

Retrofit Information:

4" x 6" Rectangle; 1A1 and 2A1 Sealed Beams









HIGH BEAM, NON-HEATED





HEATED

PART #	BEZEL	DESCRIPTION
0552651	Black	DOT/ECE/RHT/Low
0551771	Chrome	DOT/ECE/RHT/Low
0552661	Black	ECE/LHT/Low
0552091	Chrome	ECE/LHT/Low
0552671	Black	DOT/ECE/High
0551781	Chrome	DOT/ECE/High

NON-HEATED

PART #	BEZEL	DESCRIPTION
0552551	Black	DOT/ECE/RHT/Low
0551371	Chrome	DOT/ECE/RHT/Low
0552561	Black	ECE/LHT/Low
0551391	Chrome	ECE/LHT/Low
0552571	Black	DOT/ECE/High
0551381	Chrome	DOT/ECE/High









PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,640 (High Beam); 2,250 (Low Beam)

Effective Lumen Output: 1,200 (High Beam); 975 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 10-32V DC

Current Draw:

High Beam: 1.94A @ 12V; 1.03A @ 24V DC Low Beam: 1.67A @ 12V; 0.87A @ 24V DC Front Position: 0.22A @ 12V; 0.16A @ 24V DC

Retrofit Information:

5" x 7" Rectangle; 2B1 Sealed Beams

Standards:





PART #	BEZEL	DESCRIPTION
0554491	Black	DOT/ECE/RHT/High/Low/FP
0554471	Chrome	DOT/ECE/RHT/High/Low/FP
0554451	Black	ECE/LHT/High/Low/FP
0554431	Chrome	ECE/LHT/High/Low/FP



3.73*





If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.





PRODUCT SPECIFICATIONS

Raw Lumen Output: 3,015 (High Beam); 2,250 (Low Beam)

Effective Lumen Output: 1,320 (High Beam); 975 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 10-32V DC

Current Draw:

High Beam: 5.35A @ 12V; 2.50A @ 24V DC Low Beam: 4.30A @ 12V; 2.10A @ 24V DC Front Position: 2.80A @ 12V; 1.32A @ 24V DC

Retrofit Information:

5" x 7" Rectangle; 2B1 Sealed Beams



0554461

0554481

0554421

0554441

Chrome

Black

Chrome

Black











DOT/ECE/RHT/High/Low/FP

DOT/ECE/RHT/High/Low/FP ECE/LHT/High/Low/FP

ECE/LHT/High/Low/FP





	180e 🚃	Kiph B	leam (8.7	See high	at 0')
10+ Lux	90m				
1 Lux	-				
0.25 Lax	90m				
	580m	2	00m	400+	•
		Low Bea	- 197.0	75m bi	a se en
	75m				, ,
10+ Lux	30				
1 Lux	-				
0.25 Lax	38m				
	75m	50m	100m	150m	200m
		Low Bea	m LXT (175m bi	(h at 0')
	75m				
10+ Lux	200				=
1 Lux	-	-			-
0.25 Lax	300				
	75m	50m	100m	150m	200m

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.













PRODUCT SPECIFICATIONS

Raw Lumen Output: 630 (High Beam); 1,910 (Low Beam)

Effective Lumen Output: 230 (High Beam); 575 (Low Beam)

Candela Output: 45,000 (High Beam); 18,500 (Low Beam)

Connector/Wiring: High Beam: Deutsch DT04-3P Low Beam: Deutsch DT04-2P

Operating Voltage: 10-31V DC

Current Draw:

Low Beam: 1.97A @ 12V; 0.98A @ 24V DC High Beam: 0.80A @ 12V; 0.40A @ 24V DC Front Position: 0.40 @ 12V; 0.20 @ 24V DC

Retrofit Information: Standard 90mm lamps

Standards:





PART #	DESCRIPTION
0553081	SAE/ECE/Reg113/Low
0553091	ECE/LHT/Reg112/Low
0553101	DOT/ECE/RHT/Reg112/Low
0553071	DOT/ECE/High
0554381	SAE/ECE/High with FP
0556701	Fog Lamp/SAE/ECE
0347941	Turn Signal/SAE/ECE/DRL

PART #	ACCESSORIES
8001601	Single Lamp Pedestal Mount Bracket
8001461	1.5mm 3-Point Mount
8001471	3.0mm 3-Point Mount





6 0.25 Lux 30



30e







*Learn about regulations and RHT vs LHT on page 4

PRODUCT SPECIFICATIONS

Raw Lumen Output: 630 (High Beam) ;1,435 (Fog Beam)

Effective Lumen Output: 230 (High Beam); 607 (Fog Beam

Candela Output: 45,000 (High Beam); 7,500 (Fog Beam)

Connector/Wiring: Packard #12162000

Operating Voltage: 10-30V DC

Current Draw: High Beam: 0.80A @ 12V; 0.40A @ 24V DC Fog Beam: 1.25A @ 12V; 0.70A @ 24V DC

Retrofit Information:

2013-2015 Peterbilt 579 2011-2015 Peterbilt 587 2008-2015 Kenworth T660

Standards:









PART #	DESCRIPTION
0553721	DOT/ECE/High
0553713	DOT/ECE/High/Kit of 2
0553741	SAE/ECE/Fog
0553733	SAE/ECE/Fog/Kit of 2









PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,800 (High Beam); 1,600 (Low Beam)

Effective Lumen Output: 497 (High Beam); 321 (Low Beam)

Candela Output: 41,800 (High Beam); 14,600 (Low Beam)

Connector/Wiring: Deutsch DT04-4P

Operating Voltage: 10-32V DC

Current Draw: High Beam: 1.8A @ 12V; 1.0A @ 24V DC Low Beam: 1.5A @ 12V; 0.8A @ 24V DC Front Position: 0.1A @ 12V; 0.06A @ 24V DC

Retrofit Information:

100mm Bi-LED Headlamp

Standards:





	90m ,	High Bear	n (9.75m)	righ at 0")
10+ Lux	45m			
1 Lux	-			-
0.25 Lax	45m			
	90m	100+		100m
	45m	Reg 113 Low	Beam (0.7	Sm high at IF)
10+ Lux	45m 23m	Reg 113 Low	Beam (0.7	Sm high at 6')
10+ Lux 1 Lux		Reg 113 Low	laan (0.7	Sen high at (*)
	23m	Reg 113 Low	lan (i)	See high at (7)
1 Lux	23m dm	Reg 113 Low	2	Sen high at (7)

PART #	DESCRIPTION
0554831	DOT/ECE/RHT/High/Low/Reg 112
0554911	ECE/LHT/High/Low/Reg 112
0554921	DOT/ECE/High/Low/Reg 113

PART #	MOUNTING OPTIONS
8001511	3-Point Mount for 3mm Mounting Frame
8001521	Single Lamp Pedestal Mount Bracket





PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,820 (Driving/Flood); 800 (Fog)

Effective Lumen Output: 1,200 (Driving/Flood); 250 (Fog)

Candela Output: 6,700 (Fog)

Connector/Wiring: Driving/Flood: Deutsch DT04-2P Fog: Integrated 2-Pin Deutsch Connector

Operating Voltage: Driving/Flood: 9-32V DC Fog: 10-18V DC

Current Draw: Driving/Flood: 1.27A @ 12V; 0.78A @ 24V DC Fog: 0.55A @ 10V; 0.88A @ 12V; 1.10A @ 18V DC

Retrofit Information:

6" x 2" Rectangle

Standards:





DRIVING







PART #	DESCRIPTION
1603511	Driving
1603521	Driving Light with Flood Beam Pattern
1603601	SAE/ECE/Fog
1603603	SAE/ECE/Fog/Kit of 2



MODEL 6045 FOG LIGHT





PRODUCT SPECIFICATIONS

Raw Lumen Output: 750

Effective Lumen Output: 500

Connector/Wiring: Packard (#12059450-B)

Operating Voltage: 9-18V DC

Current Draw: 0.75A @ 12V DC

Retrofit Information: 4.5" Round

Standards:





4.40" 112.0mm 4.40" 112.0mm 4.10"±0.51" 104.0mm±13.0mm

PART #	BEZEL	DESCRIPTION
0546161	Chrome	SAE/ECE/Fog
0545731	Black	SAE/ECE/Fog
0551593	Chrome	SAE/ECE/Fog/Kit of 2
0551583	Black	SAE/ECE/Fog/Kit of 2
0551653	Chrome	SAE/ECE/Fog/with #8200181

DADT #	ACCESSORIES

8200181 Chrome Mounting Adapter Kit





PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,280 (Spot/Driving Beam); 800 (Fog Beam)

Effective Lumen Output: 520 (Spot Beam); 430 (Driving Beam); 250 (Fog Beam)

Candela Output: 8,600 (Spot Beam); 3,000 (Driving Beam)

Connector/Wiring: Bare Leads

Operating Voltage: Driving Beam & Spot Beam: 9-32V DC Fog Beam: 9-18V DC

Current Draw: 1.2A @ 12V; 0.6A @ 24V DC

Retrofit Information: 2" x 5" Rectangle







DRIVING





2.49° 63.2mm

PART #	DESCRIPTION
0543591	Driving
0548631	Spot
0549691	SAE/ECE/Fog

		Orlying Beam (0.75m high at 0')
	201	
10+ Lax	154	
1 Lux	04	
0.25 Lux	15m	
	30m	25m 50m 75m
		Spot Beam (0.75m high at 0 ⁻)
	60n _	operation (as an operator)
10.1-		
10+ Lax	201	
1 Lux	- 64	
1 6464		The Party number of Concession, name
0.25 Lux	201	
	60m	
		50m 100m 150m
		Fog Beam (0.75m high at 0')
	30m	
10+ Lux	15m	
10+ Lak		
1 Lux	-	
0.25 Lax	15e	
	30m 🖷	25m 50m 75m
		25m 50m 75m

MODEL 8630 & 8631 EVOLUTION









PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,925 (High Beam); 2,025 (Low Beam)

Effective Lumen Output: 1,000 (High Beam); 630 (Low Beam)

Candela Output: 61,684 (High Beam); 19,162 (Low Beam)

Connector/Wiring: Integral Connector in Housing simulating Delphi #12124107

Operating Voltage: 10-32V DC

Current Draw:

Low Beam: 2.20A @12V; 1.70A @14V; 1.10A @24V High Beam: 3.50A @12V; 2.70A @14V; 1.70A @24V Turn: 1.40A @12V; .70A @24V 8630 FP: .09A @12V; .07A @14V; .04A @24V 8630 DRL: .90A @12V; .68A @14V; .38A @24V 8631 FP: .05A @12V; .05A @24V 8631 DRL: 1.10A @12V; .70A @24V

Retrofit Information:

5.75" Round (PAR46)

Standards:







MODEL 8630

PART #	DESCRIPTION
0549911	DOT/ECE/RHT/High/Low/FP & DRL
0549921	ECE/LHT/High/Low/FP & DRL
0550921	DOT/High/Low

PART #	ACCESSORIES	
3157751	Double Lamp Mounting Ring Kit	
8200001	Single Lamp Mounting Ring Kit	

MODEL 8631

PART #	DESCRIPTION
0551641	ECE/LHT/High/Low/Turn/FP & DRL
0551631	DOT/ECE/RHT/High/Low/Turn/FP & DRL



If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.



MODEL 8632 EVOLUTION

PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,925 (High Beam); 2,025 (Low Beam)

Effective Lumen Output: 1,000 (High Beam); 630 (Low Beam)

Connector/Wiring: Integral Connector in housing simulating Delphi 12124107

Operating Voltage: 10-32V DC

Current Draw:

High Beam: 3.67A @ 12V; 1.83A @ 24V DC Low Beam: 2.5A @ 12V; 1.25A @ 24V DC DRL: 0.067A @ 12V; 0.34A @ 24V DC Front Turn: 0.83A @ 12V; 0.42A @ 24V DC Front Position: 0.08A @ 12V; 0.042A @ 24V DC Side Marker: 0.08A @ 12V; 0.042A @ 24V DC

Retrofit Information:

5.75" Round (PAR46) Pedestal Lights













PART #	DESCRIPTION
0551983	DOT/ECE/RHT/High/Low/Turn/FP & DRL/Kit of 2
0551561	DOT/ECE/RHT/High/Low/Turn/FP & DRL - RH Lamp
0551571	DOT/ECE/RHT/High/Low/Turn/FP & DRL - LH Lamp
0551973	ECE/LHT/High/Low/Turn/FP & DRL/Kit of 2
0551991	ECE/LHT/High/Low/Turn/FP & DRL - RH Lamp
0552001	ECE/LHT/High/Low/Turn/FP & DRL - LH Lamp

*RH & LH refer to right hand and left hand lamps on the vehicle.

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light





8700 EVO 2 DUAL BURN









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)

Connector/Wiring: H4

Operating Voltage: 9-32V DC

Current Draw:

Heated High Beam: 4.20A @ 12V; 2.30A @ 24V DC High Beam: 3.50A @ 12V; 1.80A @ 24V DC Low Beam: 2.00A @ 12V; 1.10A @ 24V DC Front Position: 0.16A @ 12V; 0.10A @ 24V DC DRL: 1.60A @ 12V; 0.80A @ 24V DC

Retrofit Information: 7" Round (PAR56)

Standards:





HEATED

PART #	BEZEL	DESCRIPTION
0556281	Black	DOT/High/Low
0556291	Chrome	DOT/High/Low
0556301	Black	ECE/RHT/High/Low/FP & DRL
0556311	Chrome	ECE/RHT/High/Low/FP & DRL
0556321	Black	ECE/LHT/High/Low/FP & DRL
0556331	Chrome	ECE/LHT/High/Low/FP& DRL

NON-HEATED

PART #	BEZEL	DESCRIPTION
0554941	Black	DOT/High/Low
0554961	Chrome	DOT/High/Low

PART #	ACCESSORIES
3156561	Panel Mount Bucket Assembly
3156351	Mounting Ring Kit for 7" Round (PAR56) Headlights
3266081	Jumper Harness H4/H13
8000381	Anti-Flicker Harness H4/H4
8000311	Anti-Flicker Harness H4/H13





8700 EVO 2 PRO

PRODUCT SPECIFICATIONS

Raw Lumen Output: 4,170 (High Beam); 2,340 (Low Beam)

Effective Lumen Output: 1,340 (High Beam); 694 (Low Beam)

Candela Output: 84,700 (High Beam); 30,600 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-32V DC

Current Draw:

High Beam: 3.60A @ 12V; 1.80A @ 24V DC Low Beam: 2.00A @ 12V; 1.10A @ 24V DC Front Position: 0.16A @ 12V; 0.10A @ 24V DC DRL: 1.60A @ 12V; 0.80A @ 24V DC

Retrofit Information:

7" Round (PAR56)

Standards:











PART #	BEZEL	DESCRIPTION
0556981	Black	ECE/RHT/High/Low/FP & DRL
0556971	Chrome	ECE/RHT/High/Low/FP & DRL
0556961	Black	ECE/LHT/High/Low/FP & DRL
0556951	Chrome	ECE/LHT/High/Low/FP & DRL

PART #	ACCESSORIES
3156561	Panel Mount Bucket Assembly
3156351	Mounting Ring Kit for 7" Round (PAR56) Headlights
3266081	Jumper Harness H4/H13
8000381	Anti-Flicker Harness H4/H4
8000311	Anti-Flicker Harness H4/H13





PRODUCT SPECIFICATIONS

Raw Lumen Output: 3,300

Effective Lumen Output: 1,440

Candela Output: 133,000

Connector/Wiring: H4

Operating Voltage: 9-32V DC

Current Draw: 4.80A @ 12V DC 2.50A @ 24V DC

Retrofit Information: 7" Round (PAR56)











PART #	BEZEL	DESCRIPTION	
0550011	Chrome	ECE/RHT/LHT/High	
0550021	Black	ECE/RHT/LHT/High	
PART #	ACCESSO	RIES	
3156561	Panel Mount B	Bucket Assembly	
3156351	Mounting Ring	Kit for 7" Round (PAR56) Head	llights
3266081	Jumper Harnes	ss H4/H13	

	240m	High Beam (75m high at 0')
10+ Lax	120m	
1 Lux	0=	
0.25 Lux	120m	
	240m	200m 400m 600m



LOW BEAM, HEATED





Raw Lumen Output:

2,250 (High Beam); 2,830 (Low Beam)

Effective Lumen Output: 898 (High Beam); 782 (Low Beam)

Candela Output: 73,200 (High Beam); 29,800 (Low Beam)

Connector/Wiring: H4 Connector - AMP (#172615-2)

Operating Voltage: 9-32V DC

Current Draw: Heated: 3.30A @ 12V; 1.67A @ 24V DC Non-Heated: 2.10A @ 12V; 1.00A @ 24V DC

Retrofit Information:

4" x 6" Rectangle; 1A1 and 2A1 Sealed Beams

Standards:





HEATED

PART #	BEZEL	DESCRIPTION
0551771	Chrome	DOT/ECE/RHT/Low
0552651	Black	DOT/ECE/RHT/Low
0552091	Chrome	ECE/LHT/Low
0552661	Black	ECE/LHT/Low
0551781	Chrome	DOT/ECE/High
0552671	Black	DOT/ECE/High

NON-HEATED

PART #	BEZEL	DESCRIPTION
0551371	Chrome	DOT/ECE/RHT/Low
0552551	Black	DOT/ECE/RHT/Low
0551391	Chrome	ECE/LHT/Low
0552561	Black	ECE/LHT/Low
0551381	Chrome	DOT/ECE/High
0552571	Black	DOT/ECE/High



PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,890

Effective Lumen Output: 890 (High Beam) 740 (Low Beam)

Connector/Wiring: AMP (#172615-2)

Operating Voltage: 10-15V DC

Current Draw: 2.25A @ 12V DC

Retrofit Information: 4" x 6" Rectangle

Standards:







PART #	DESCRIPTION
0549211	DOT/ECE/RHT/Low
0549251	ECE/LHT/Low
0549231	DOT/ECE/RHT/High
0550433	DOT/ECE/High/Kit of 2

High Beam RHT (.75m high at 0⁻) 120 10+ Lax 42 1 Lux 0e 0.25 Lux 60+ 126 m LHT (,75m high at 0⁻) 86 10+ Lax 454 1 Lux 6 0.25 Lux 45 200 kg Low Beam RHT (.75m high at 0') 904 10+ Lax 454 1 Lux 0 0.25 Lux 松 66







PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,640 (High Beam); 2,250 (Low Beam)

Effective Lumen Output: 1,200 (High Beam); 975 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 10-32V DC

Current Draw:

High Beam: 1.94A @ 12V; 1.03A @ 24V DC Low Beam: 1.67A @ 12V; 0.87A @ 24V DC Front Position: 0.22A @ 12V; 0.16A @ 24V DC

Retrofit Information:

5" x 7" Rectangle; 2B1 Sealed Beams

Standards:





DOT/ECE/RHT/High/Low/FP

DOT/ECE/RHT/High/Low/FP

ECE/LHT/High/Low/FP

ECE/LHT/High/Low/FP







If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.

0554471

0554491

0554431

0554451

Chrome

Chrome

Black

Black




8910 EVOLUTION 2

PRODUCT SPECIFICATIONS

Raw Lumen Output: 3,015 (High Beam); 2,250 (Low Beam)

Effective Lumen Output: 1,320 (High Beam); 975 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 10-32V DC

Current Draw:

High Beam: 5.35A @ 12V; 2.50A @ 24V DC Low Beam: 4.30A @ 12V; 2.10A @ 24V DC Front Position: 2.80A @ 12V; 1.32A @ 24V DC

Retrofit Information:

5" x 7" Rectangle; 2B1 Sealed Beams



0554481

0554461

0554441

0554421

Black

Black

Chrome

Chrome











DOT/ECE/RHT/High/Low/FP

DOT/ECE/RHT/High/Low/FP

ECE/LHT/High/Low/FP

ECE/LHT/High/Low/FP



3.73*

94.86mm











PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,880 (High Beam); 2,160 (Low Beam)

Effective Lumen Output: 1,150 (High Beam); 800 (Low Beam)

Candela Output: 52,000 (High Beam)

Connector/Wiring: 6-Pin Delphi 12052848

Operating Voltage: 12V: 10-15V 24V: 20-32V DC

Current Draw:

Low Beam: 2.70A @ 12V; 1.20A @ 24V DC High Beam: 3.40A @ 12V; 1.60A @ 24V DC Turn Signal: 0.85A @ 12V; 0.27A @ 24V DC FP & DRL: 0.04A @ 12V; 0.03A @ 24V DC

Retrofit Information:

5" x 11" Rectangle; Pedestal Mount Headlights





HEATED

PART #	DESCRIPTION
0552243	12V/DOT/High/Low/Turn/Kit of 2
0551803	24V/DOT/High/Low/Turn/Kit of 2
0552433	12V/ECE/LHT/High/Low/Turn/FP & DRL/Kit of 2
0551863	24V/ECE/LHT/High/Low/Turn/FP & DRL/Kit of 2
0552423	12V/ECE/RHT/High/Low/Turn/FP & DRL/Kit of 2
0551833	24V/ECE/RHT/High/Low/Turn/FP & DRL/Kit of 2

NON-HEATED

PART #	DESCRIPTION
0550061	12-24V/DOT/High/Low/Turn/Kit of 2
0550161	12-24V/ECE/RHT/High/Low/Turn/FP & DRL/Kit of 2
0550171	12-24V/ECE/LHT/High/Low/Turn/FP & DRL/Kit of 2







equipped with a front position light.

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is



9800 HIGH SPEED

PRODUCT SPECIFICATIONS

Raw Lumen Output:

2,880 (High Beam); 2,160 (Low Beam)

Effective Lumen Output: 1,150 (High Beam); 800 (Low Beam)

Candela Output: 52,000 (High Beam)

Connector/Wiring: 6-Pin Delphi 12052848

Operating Voltage: 12-24V DC

Current Draw:

Low Beam: 1.75A @ 12V; 1.00A @ 24V DC High Beam: 2.50A @ 12V; 1.50A @ 24V DC Turn: .750A @ 12V DC; .280A @ 24V DC Front Position: .040A @ 12V DC; .025A @ 24V DC Heater: 2.00A @ 12V DC; 1.75A @ 24V DC

Retrofit Information:

5" x 11" Rectangle; Pedestal Mount Headlights





0555743



120m	High Beam RHT (1.37m high at -1.5')	-	Low Beam RHT (1.37m high at -1.5 [°])
10+ Lux 60m		23m	
1 Lux 0m		01	
0.25 Lax 60m		23m	Street Street Street
129m	100m 200m 300m	45m	50m 900m

TRANSPORT | 39

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.

12-24V DOT/High/Low/Turn/FP/Kit of 2









9900 LOW PROFILE







PRODUCT SPECIFICATIONS

Raw Lumen Output: 2370 (Low Beam); 4300 (High Beam)

Effective Lumen Output: 587 (Low Beam); 1060 (High Beam)

Candela Output: 58,000 (High Beam)

Connector/Wiring: 6-Pin Delphi 12052848

Operating Voltage: 9-30V DC

Current Draw:

Low Beam: 3.50A @ 12V; 2.25A @ 24V DC High Beam: 5.00A @ 12V; 3.00A @ 24V DC Turn: 1.20A @ 12V DC; .75A @ 24V DC Front Position: 2.00A @ 12V DC; 1.50A @ 24V DC DRL: 2.50A @ 12V DC; 1.75A @ 24V DC



3" x 13" Rectangle; Pedestal Mount Headlights

Retrofit Information:





PART #	DESCRIPTION
0556273	DOT/ECE/RHT/High/Low/Turn/FP & DRL/Kit of 2
0556383	ECE/LHT/High/Low/Turn/FP& DRL/Kit of 2





SMARTHEAT®

DON'T LET SNOW AND ICE SLOW YOU DOWN.

Winter weather can cause snow and ice build up on the outside of lights, reducing visibility. This creates a dangerous situation not only for you, but to others as well.

J.W. Speaker's series of heated LED lights with SmartHeat[®] is redefining lighting with its integrated lens heater technology. Each light is designed to automatically de-ice the surface of the lens. Products with SmartHeat provide peace of mind during cold and snowy conditions by maintaining your ability to see, and to be seen by other drivers.

SmartHeat Technology uses an internal sensor for air and light temperature and automatically turns the heater on and off as needed.







A LEGACY OF INNOVATION OEM ORIGINS

1935

1940S

J.W. Speaker Corporation founded by John W. Speaker to manufacture tube & tire repair products

Supplied the U.S. Military during World War II, including compact folding stoves and tire repair products; Designed & patented the iconic P-38 can openers and Heatab dry fuel.

After the war, shifted focus to manufacturing mirrors and lighting products for trucks and cars.

John W. Speaker unexpectedly passed away and his son, Jack, became President.

Expanded into lighting on original equipment manufacturing (OEM) for lawn & garden and golf & turf tractors.

1980S

1960S

Tim & Jamie Speaker, grandsons of the founder John W. Speaker, formally join the company and became Co-Presidents.

J.W. Speaker became solely focused on vehicle lighting, growing the business with custom designed lighting for agriculture OEM customers

1990S

Production on first custom headlamp for Arctic Cat snowmobile began, pushing into the power sport market.

Partnerships with premier OEM customers like Harley-Davidson, U.S. military, and development on custom lighting products began.











AND AFTERMARKET GROWTH

2000S

2012

2015

2017

First LED light with solid optic technology designed, providing a pathway for future product development

International expansion and growing portfolio of OEM products in the industrial, mining, power sport, and construction markets

Harnessed experience from OEM products and entered the aftermarket with the first-of its-kind 7" round LED headlight for Jeeps

Established distribution channels and expanded the company product portfolio into the aftermarket

Launched the world's first Adaptive Motorcycle Headlight[™] with technology that automatically fills dark areas of the road when cornering on a bike

SmartHeat[®] technology launched in headlights and work lights with integrated lens technology to de-ice lenses, to improve driver visibility & safety

Released Evo J3[™] headlight and Trail 6[™] off-road light, both compatible with new J-Link[™] mobile app, giving drivers control and customization options for their lights









COMPANY HISTORY | 43

2019





MODEL 93M







PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,910 (Low Beam); 630 (High Beam)

Effective Lumen Output: 575 (Low Beam); 230 (High Beam)

Candela Output: 18,000 (Low Beam); 45,000 (High Beam)

Connector/Wiring: High Beam: Deutsch DT04-3P Low Beam: Deutsch DT04-2P

Operating Voltage: 10.5-38V DC

Current Draw:

Low Beam: 1.97A @ 12V; 0.98A @ 24V DC High Beam: 0.80A @ 12V; 0.40A @ 24V DC Front Position: 0.40A @ 12V; 0.20A @ 24V DC



Retrofit Information: Pedestal Mount for Fat Bob[®] & Custom Motorcycles

Standards:







If your bike is operated in the United States you do NOT need to connect the Front Position wire (red) unless your bike is equipped with a front position light.

DOT/ECE/High/Low/Kit of 2

*For fitment information visit: www.jwspeaker.com/ymm

PART # DESCRIPTION

0555911







Fat Bob is a registered trademark of H-D U.S.A., LLC

PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,800 (High Beam); 1,600 (Low Beam)

Effective Lumen Output: 497 (High Beam); 321 (Low Beam)

Candela Output: 41,800 (High Beam); 14,600 (Low Beam)

Connector/Wiring: Deutsch DT04-4P

Operating Voltage: 10-32V DC

Current Draw:

High Beam: 1.8A @ 12V; 1.0A @ 24V DC Low Beam: 1.5A @ 12V; 0.8A @ 24V DC Front Position: 0.1A @ 12V; 0.06A @ 24V DC

Retrofit Information:

Standard 100mm Bi-LED Headlamp

Standards:





REG 173











PART #	DESCRIPTION
0554831	DOT/ECE/RHT/High/Low/Reg 112
0554911	ECE/LHT/High/Low/Reg 112
0554921	DOT/ECE/High/Low/Reg 113
PART #	MOUNTING OPTIONS

8001521 Single Lamp Pedestal Mount Bracket



Find the full specs of our products at www.jwspeaker.com

MODEL 6025 FOG LIGHT



PRODUCT SPECIFICATIONS

Raw Lumen Output: 346 Effective Lumen Output: 291

Candela Output: 12,300 Connector/Wiring: Packard 12059450-B

Operating Voltage: 9-16V DC

Current Draw: 0.83A @ 10V DC 0.70A @ 12V DC

Retrofit Information: 4.5" Round

Standards:







PART #	DESCRIPTION
0553021	SAE/ECE/Fog
0553023	SAE/ECE/Fog/Kit of 2





MODEL 6045 FOG LIGHT

PRODUCT SPECIFICATIONS

Raw Lumen Output: 750

Effective Lumen Output: 500

Connector/Wiring: Packard (#12059450-B)

Operating Voltage: 9-18V DC

Current Draw: 0.75A @ 12V DC

Retrofit Information: 4.5" Round

Standards:







PART #	BEZEL	DESCRIPTION
0546161	Chrome	SAE/ECE/Fog
0545731	Black	SAE/ECE/Fog
0551593	Chrome	SAE/ECE/Fog/Kit of 2
0551583	Black	SAE/ECE/Fog/Kit of 2



6130 EVOLUTION









PRODUCT SPECIFICATIONS

Raw Lumen Output:

2,230 (High Beam); 1,330 (Low Beam) 1,760 (High Beam Only); 1,690 (Low Beam Only)

Effective Lumen Output: 840 (High Beam); 440 (Low Beam) 955 (High Beam Only); 640 (Low Beam Only)

Connector/Wiring: 12" Bare Wires

Operating Voltage: 10-30V DC

Current Draw:

High Beam: 3.00A @ 12V; 1.43A @ 24V DC Low Beam: 2.30A @ 12V; 1.01A @ 24V DC Front Position: 0.12A @ 12V; 0.09A @ 24V DC DRL: 0.44A @ 12V; 0.24A @ 24V DC High Beam Only: 1.84A @ 12V; 0.84A @ 24V DC Low Beam Only: 2.07A @ 12V; 0.96A @ 24V DC

Retrofit Information:

4.75" Round

Standards:









DESCRIPTION
DOT/ECE/High/FP
DOT/ECE/RHT/Low/DRL
DOT/ECE/RHT/High/Low/FP
ECE/LHT/Low
ECE/LHT/High/Low/FP



8415 EVOLUTION

ADUSTABLE MOUNT **PRODUCT SPECIFICATIONS Raw Lumen Output:** 1,075 (High Beam); 430 (Low Beam) Effective Lumen Output: 720 (High Beam); 240 (Low Beam) Connector/Wiring: PE 12110293 **Operating Voltage:** 10-30V DC **Current Draw:** High Beam:1.14A @ 12V; 0.57A @ 24V DC Low Beam: 0.41A @ 12V; 0.22A @ 24V DC **Retrofit Information:** 4.5" Round (PAR36) Standards: 0.88* ADJUSTABLE MOUNT 0.30 2.32 107 4.30 FIXED MOUNT 1.05" 26.7mm 4.39" 111.5mm High Beam (.75m high at 0') PART # DESCRIPTION 10+ Lux 6 SAE/ECE/High/Low/Adjustable Mount 0551191 1 Lux 0551761 SAE/ECE/High/Low/Fixed Panel Mount 0.25 Lax 0552031 SAE/ECE/High/Low/Adjustable Mount - UL Version 200 kg m (25m high at 0') - 6 10+ Lux 15

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light. 1 Lux







PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,620 (High Beam); 925 (Low Beam)

Effective Lumen Output: 850 (High Beam); 500 (Low Beam)

Candela Output: 41,000 (High Beam); 12,110 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-16V DC

Current Draw: High Beam: 2.67A @ 12V DC Low Beam: 1.67A @ 12V DC Front Position: 0.13A @ 12V DC

Retrofit Information: 5.75" Round (PAR46)

Standards:







PART #	BEZEL	DESCRIPTION
0553011	Chrome	DOT/ECE/High/Low
For fitment information visit: www.jwspeaker.com/ymm		







8690 ADAPTIVE 2

PRODUCT SPECIFICATIONS

Raw Lumen Output: 3,520 (High Beam); 2,120 (Low Beam)

Effective Lumen Output: 1,600 (High Beam); 1,050 (Low Beam)

Candela Output: 60,000 (High Beam); 8,300 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-16V DC

Current Draw: Low Beam: 1.9A @ 12V DC High Beam: 3.2A @ 12V DC Front Position: 0.21A @ 12V DC Low Beam at Full Lean: 4.2A @ 12V DC High Beam at Full Lean: 5.5A @ 12V DC

Retrofit Information:

5.75" Round (PAR46)















ADAPTIVE

PART #	BEZEL	DESCRIPTION
0555091	Black	DOT/ECE/High/Low
0555101	Chrome	DOT/ECE/High/Low

For fitment information visit: www.jwspeaker.com/ymm

NON-ADAPTIVE

PART #	BEZEL	DESCRIPTION
0551681	Black	DOT/ECE/High/Low
0551731	Chrome	DOT/ECE/High/Low



8691 ADAPTIVE 2









PRODUCT SPECIFICATIONS

Raw Lumen Output: 3,520 (High Beam); 2,120 (Low Beam)

Effective Lumen Output: 1,600 (High Beam); 1,050 (Low Beam)

Candela Output: 60,000 (High Beam); 8,300 (Low Beam)

Connector/Wiring: Bare Leads

Operating Voltage: 9-16V DC

Current Draw:

Low Beam: 1.9A @ 12V DC High Beam: 3.2A @ 12V DC Front Position: 0.21A @ 12V DC Low Beam at Full Lean: 4.2A @ 12V DC High Beam at Full Lean: 5.5A @ 12V DC

Retrofit Information: 5.75" Round (PAR46)







ADAPTIVE

PART #	BEZEL	DESCRIPTION
0555111	Black	DOT/ECE/High/Low
0555121	Chrome	DOT/ECE/High/Low

For fitment information visit: www.jwspeaker.com/ymm



NON-ADAPTIVE

PART #	BEZEL	DESCRIPTION
0552011	Black	DOT/ECE/High/Low
0552021	Chrome	DOT/ECE/High/Low









PRODUCT SPECIFICATIONS

Raw Lumen Output: 7,020 (High Beam); 4,240 (Low Beam)

Effective Lumen Output: 3,200 (High Beam); 2,040 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-16V DC

Current Draw:

Low Beam: 3.8A @ 12V DC High Beam: 6.4A @ 12V DC Front Position: 0.42A @ 12V DC Low Beam at Full Lean: 8.4A @ 12V DC High Beam at Full Lean: 11.0A @ 12V DC

Retrofit Information:

Fits 2013 and older Road Glide models

Standards:













ADAPTIVE

PART #	BEZEL	DESCRIPTION
0555131	Black	DOT/ECE/High/Low
0555141	Chrome	DOT/ECE/High/Low

For more fitment information visit: www.jwspeaker.com/ymm

NON-ADAPTIVE

PART #	BEZEL	DESCRIPTION
0553951	Black	DOT/ECE/High/Low
0553961	Chrome	DOT/ECE/High/Low





8695 ADAPTIVE 2









PRODUCT SPECIFICATIONS

Raw Lumen Output: 3,520 (High Beam); 2,120 (Low Beam)

Effective Lumen Output: 1,600 (High Beam); 1,050 (Low Beam)

Candela Output: 60,000 (High Beam); 8,300 (Low Beam)

Connector/Wiring: Integral Connectors

Operating Voltage: 9-16V DC

Current Draw:

Low Beam: 1.9A @ 12V DC High Beam: 3.2A @ 12V DC Low Beam at Full Lean: 4.5A @ 12V DC High Beam at Full Lean: 5.5A @ 12V DC



Retrofit Information: Designed to fit Victory[®] motorcycles with diamond shaped headlights

Standards:





PART #	BEZEL	DESCRIPTION
0555151	Black	DOT/ECE/High/Low
0555161	Chrome	DOT/ECE/High/Low
For fitmont information visit: www.iwspoakor.com/vmm		

For fitment information visit: www.jwspeaker.com/ymm







8700 EVO 2 DUAL BURN

PRODUCT 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)

Connector/Wiring: H4

Operating Voltage: 9-32V DC

Current Draw: High Beam: 3.50A @ 12V; 1.80A @ 24V DC Low Beam: 2.00A @ 12V; 1.10A @ 24V DC

Retrofit Information:

7" Round (PAR56)

Standards:











BEZEL	DESCRIPTION
Black	DOT/High/Low
Chrome	DOT/High/Low
Black	DOT/High/Low with #3156351
Chrome	DOT/High/Low with #3156351
	Black Chrome Black

 PART #
 ACCESSORIES

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

 8200411
 H4 Wire Harness Kit 2014 & Newer Harley Bikes



For fitment information visit: www.jwspeaker.com/ymm

Find the full specs of our products at www.jwspeaker.com



8700 EVO 2 PRO

PRODUCT SPECIFICATIONS

Raw Lumen Output: 4,170 (High Beam); 2,340 (Low Beam)

Effective Lumen Output: 1,340 (High Beam); 694 (Low Beam)

Candela Output: 84,700 (High Beam); 30,600 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-32V DC

Current Draw:

High Beam: 3.60A @ 12V; 1.80A @ 24V DC Low Beam: 2.00A @ 12V; 1.10A @ 24V DC Front Position: 0.16A @ 12V; 0.10A @ 24V DC DRL: 1.60A @ 12V; 0.80A @ 24V DC

Retrofit Information:

7" Round (PAR56)

Standards:











PART #	BEZEL	DESCRIPTION
0556961	Black	ECE/LHT/High/Low/FP/DRL
0556951	Chrome	ECE/LHT/High/Low/FP/DRL
0556981	Black	ECE/RHT/High/Low/FP/DRL
0556971	Chrome	ECE/RHT/High/Low/FP/DRL
For fitment information visit: www.iwapookar.com/wmm		

For fitment information visit: www.jwspeaker.com/ymm

PART #	ACCESSORIES
3156351	Mounting Ring Kit for 7" Round (PAR56) Headlights
8200411	H4 Wire Harness Kit 2014 & Newer Harley Bikes









PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,620 (High Beam); 925 (Low Beam)

Effective Lumen Output: 850 (High Beam); 500 (Low Beam)

Candela Output: 41,000 (High Beam); 12,110 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-16V DC

Current Draw: Front Position: 2.67A @ 12V DC Low Beam: 1.67A @ 12V DC Front Position: 0.13A @ 12V DC

Retrofit Information: 7" Round (PAR56)

Standards:





PART #	BEZEL	DESCRIPTION
0552861	Chrome	DOT/ECE/High/Low
For fitment information visit: www.jwspeaker.com/ymm		









8790 ADAPTIVE 2

PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,250 (High Beam), 2,025 (Low Beam)

Effective Lumen Output: 1,150 (High Beam), 850 (Low Beam)

Candela Output: 48,000 (High Beam), 1,150 (Low Beam)

Connector/Wiring: H4

Operating Voltage: 9-16V DC

Current Draw: High Beam: 2.9A @ 13.5V DC Low Beam: 1.9A @ 13.5V DC Front Position: 0.092A @ 13.5V DC Low Beam at Full Lean: 3.5A @ 13.5V DC High Beam at Full Lean: 4.5A @ 13.5V DC

Retrofit Information:

7" Round (PAR56)









NON-ADAPTIVE

0553421

0553431

PART # BEZEL

Black

Chrome

DESCRIPTION

DOT/ECE/High/Low

DOT/ECE/High/Low

ADAPTIVE

PART #	BEZEL	DESCRIPTION
0555011	Black	DOT/ECE/High/Low
0555031	Chrome	DOT/ECE/High/Low
0555051	Black	DOT/ECE/High/Low with #3156351
0555061	Chrome	DOT/ECE/High/Low with #3156351

For fitment information visit: www.jwspeaker.com/ymm

PART #	ACCESSORIES
8200411	Wire Harness H4 for 7" Round (PAR56) Headlights (2014 & newer Harley bikes)
3156351	Mounting Ring Kit for 7" Round (PAR56) Headlights



8791 ADAPTIVE 2











PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,250 (High Beam); 2,025 (Low Beam)

Effective Lumen Output: 1,150 (High Beam); 850 (Low Beam)

Candela Output: 48,000 (High Beam); 11,500 (Low Beam)

Connector/Wiring: Bare Leads

Operating Voltage: 9-16V DC

Current Draw:

High Beam: 2.9A @ 13.5V DC Low Beam: 1.9A @ 13.5V DC Front Position: 0.092A @ 13.5V DC Low Beam at Full Lean: 3.5A @ 13.5V DC High Beam at Full Lean: 4.5A @ 13.5V DC

Retrofit Information: 7" Round (PAR56) Pedestal

Standards:









ADAPTIVE

PART #	BEZEL	DESCRIPTION
0555071	Black	DOT/ECE/High/Low
0555081	Chrome	DOT/ECE/High/Low

NON-ADAPTIVE

PART #	BEZEL	DESCRIPTION
0553441	Black	DOT/ECE/High/Low
0553451	Chrome	DOT/ECE/High/Low

For fitment information visit: $\ensuremath{\textbf{www.jwspeaker.com/ymm}}$















PRODUCT SPECIFICATIONS

Raw Lumen Output: 630 (High Beam); 1,910 (Low Beam)

Effective Lumen Output: 230 (High Beam); 575 (Low Beam)

Candela Output: 45,000 (High Beam); 18,500 (Low Beam)

Connector/Wiring: High Beam: Deutsch DT04-3P Low Beam: Deutsch DT04-2P

Operating Voltage:

10-31V DC

Current Draw: Low Beam: 1.97A @ 12V; 0.98A @ 24V DC High Beam: 0.80A @ 12V; 0.40A @ 24V DC Front Position: 0.40 @ 12V; 0.20 @ 24V DC

Retrofit Information: Standard 90mm lamps

Standards:







10+ Lax

45



\$y

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PART #	DESCRIPTION
0553081	SAE/ECE/Reg113/Low
0553091	ECE/LHT/Reg112/Low
0553101	DOT/ECE/RHT/Reg112/Low
0553071	DOT/ECE/High
0554381	SAE/ECE/High with FP
0556701	SAE/ECE/Fog Lamp
0347941	SAE/ECE/DRL/Turn Signal

PART #	ACCESSORIES
8001601	Single Lamp Pedestal Mount Bracket
8001461	1.5mm 3-Point Mount
8001471	3.0mm 3-Point Mount



High Beam (.75m high at 0')



al Low Beam (75m high at 0')







PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,800 (High Beam); 1,600 (Low Beam)

Effective Lumen Output: 497 (High Beam); 321 (Low Beam)

Candela Output: 41,800 (High Beam); 14,600 (Low Beam)

Connector/Wiring: Deutsch DT04-4P

Operating Voltage: 10-32V DC

Current Draw: High Beam: 1.8A @ 12V; 1.0A @ 24V DC Low Beam: 1.5A @ 12V; 0.8A @ 24V DC Front Position: 0.1A @ 12V; 0.06A @ 24V DC

Retrofit Information: 100mm Bi-LED Headlamp

Standards:









PART #	DESCRIPTION
0554831	DOT/ECE/RHT/High/Low/Reg 112
0554911	ECE/LHT/High/Low/Reg 112
0554921	DOT/ECE/High/Low/Reg 113
PART #	MOUNTING OPTIONS
8001511	3-Point Mount for 3mm Mounting Frame
8001521	Single Lamp Pedestal Mount Bracket













PRODUCT SPECIFICATIONS

Raw Lumen Output: 540 Lumens (Low Beam)

Effective Lumen Output: 420 Lumens (Low Beam)

Connector/Wiring: Integrated 4-Pin Deutsch Weather-Proof Socket (DT04-4P)

Operating Voltage: 9-60V DC

Current Draw:

Low Beam: 0.60A @ 12V; 0.30A @ 24V; 0.20A @ 36V; 0.15A @ 48V DC Front Position: 0.05A @ 12V; 0.05A @ 24V; 0.05A @ 36V; 0.05A @ 48V DC Turn Signal: 1.45A @ 12V; 0.70A @ 24V; 0.45A @ 36V; 0.40A @ 48V DC

Retrofit Information: 4" x 8" material handling headlight

Standards:





PART #	BEZEL	DESCRIPTION
0548901	Black	Material Handling Headlight
0549201	Chrome	Material Handling Headlight

PART #	ACCESSORIES
8200311	515 Base Mount Service Kit





Find the full specs of our products at $\ensuremath{\textbf{www.jwspeaker.com}}$

PRODUCT SPECIFICATIONS

Raw Lumen Output: 765

Effective Lumen Output: 380

Connector/Wiring: 11" Bare Leads

Operating Voltage: 10-32V DC

Current Draw: 0.340A @ 24V DC

Retrofit Information: 2" x 6" material handling headlight

Standards:







MODEL 516



PART #	DESCRIPTION
0549481	Low /Turn Signal/Front Position

	30m -	Headlight B	eam (75m high	at (°)
10+ Lux	15e			
1 Lux	0.			
0.25 Lux	15e			
	30m	25m	50m 75r	













PRODUCT SPECIFICATIONS

Raw Lumen Output: 2,000 (6 LEDs); 1,630 (3 LEDs)

Effective Lumen Output: 1,600 (6 LEDs); 780 (3 LEDs)

Connector/Wiring: Integrated 3-Pin Packard (12129615)

Operating Voltage: 9-110V DC

Current Draw: 3 LEDs: 1.54A @ 12V; 0.67A @ 24V; 0.33A @ 60V; 0.20A @ 110V DC 6 LEDs: 1.59A @ 12V; 0.74A @ 24V; 0.34A @ 60V; 0.23A @ 110V DC

Retrofit Information: Compact work light, ideal for material handling equipment like forklifts





PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,820 (Driving/Flood); 800 (Fog)

Effective Lumen Output: 1,200 (Driving/Flood); 250 (Fog)

Candela Output: 6,700 (Fog)

Connector/Wiring: Driving/Flood: Deutsch DT04-2P Fog: Integrated 2-Pin Deutsch Connector

Operating Voltage: Driving/Flood: 9-32V DC Fog: 10-18V DC

Current Draw: Driving/Flood: 1.27A @ 12V; 0.78A @ 24V DC Fog: 0.55A @ 10V; 0.88A @ 12V; 1.10A @ 18V DC

Retrofit Information:

6" x 2" Rectangle

Standards:









FLOOD





PART #	DESCRIPTION
1603601	SAE/ECE/Fog
1603603	SAE/ECE/Fog/Kit of 2
1603511	Driving
1603521	Driving Light with Flood





DRIVING





PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,280 (Spot/Driving Beam); 800 (Fog Beam)

Effective Lumen Output: 520 (Spot Beam); 430 (Driving Beam); 250 (Fog Beam)

Candela Output: 8,600 (Spot Beam); 3,000 (Driving Beam)

Connector/Wiring: Bare Leads

Operating Voltage: Driving Beam & Spot Beam: 9-32V DC Fog Beam: 9-18V DC

Current Draw: 1.2A @ 12V; 0.6A @ 24V DC

Retrofit Information: 2" x 5" Rectangle

Standards:





PART #	DESCRIPTION
0543591	Driving
0548631	Spot
0549691	SAE/ECE/Fog





6130 EVOLUTION

PRODUCT SPECIFICATIONS

Raw Lumen Output:

2,230 (High Beam); 1,330 (Low Beam) 1,760 (High Beam Only); 1,690 (Low Beam Only)

Effective Lumen Output: 840 (High Beam); 440 (Low Beam) 955 (High Beam Only); 640 (Low Beam Only)

Connector/Wiring: 12" Bare Wires

Operating Voltage: 10-30V DC

Current Draw:

High Beam: 3.00A @ 12V; 1.43A @ 24V DC Low Beam: 2.30A @ 12V: 1.01A @ 24V DC Front Position: 0.12A @ 12V; 0.09A @ 24V DC DRL: 0.44A @ 12V; 0.24A @ 24V DC High Beam Only: 1.84A @ 12V; 0.84A @ 24V DC Low Beam Only: 2.07A @ 12V; 0.96A @ 24V DC

Retrofit Information:

4.75" Round

Standards:









PART #	DESCRIPTION
0549871	DOT/ECE/High/FP
0549851	DOT/ECE/RHT/Low/DRL
0549881	DOT/ECE/RHT/High/Low/FP
0549891	ECE/LHT/High/Low/FP
0549861	ECE/LHT/Low/DRL



122

8415 EVOLUTION







PRODUCT SPECIFICATIONS

Raw Lumen Output: 1,075 (High Beam); 430 (Low Beam)

Effective Lumen Output: 720 (High Beam); 240 (Low Beam)

Connector/Wiring: PE 12110293

Operating Voltage: 10-30V DC

Current Draw: High Beam:1.14A @ 12V; 0.57A @ 24V DC Low Beam: 0.41A @ 12V; 0.22A @ 24V DC

Retrofit Information: 4.5" Round (PAR36)

Standards:



25m

Sóm

Tim





MODEL 8770 GEN 3

PRODUCT SPECIFICATIONS

Raw Lumen Output:

2,200

Effective Lumen Output: 1,800 (Heated); 2,041 (Non-Heated)

Candela Output: 230,000 (Heated); 260,000 (Non-Heated)

Connector/Wiring: Standard Sealed Beam Style Screw Terminal

Operating Voltage: 18-130V DC

Current Draw:

Heated/Heater On:

High Output: 3.20A @ 24V; 1.20A @ 75V; 0.85A @ 110V DC Low Output: 2.60A @ 24V; 0.85A @ 75V; 0.75A @ 110V DC Non-Heated/Heater Off:

High Output: 2.10A @ 24V; 0.75A @ 75V; 0.55A @ 110V DC Low Output: 1.00A @ 24V; 0.45A @ 75V; 0.30A @ 110V DC

Retrofit Information:

7" Round Locomotive Headlight

Standards:





HEATED

PART #	DESCRIPTION
0551901	Locomotive Headlight with Spot

NON-HEATED

PART #	DESCRIPTION
0554601	Locomotive Headlight with Spot



NON-HEATED







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OEM

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