

J.W. Speaker Model 92 LED Mosaic Modular Lighting System



Vertical Headlights



Horizontal Headlights



Turn Signals & Daytime Running Lights (DRL)



Fog Lights



Corner Lighting



Mounting Options



Description

Compact & Powerful Forward Lighting

Upgrade your vehicle's lighting with the Mosaic Auxiliary Kits, available in both High Beam and Fog Light options. Engineered by J.W. Speaker, these kits are a complete, aftermarket-ready solution designed for high performance, long-lasting durability, and effortless installation. Whether you're equipping a work truck, off-road vehicle, or industrial machine, this compact yet powerful LED lighting kit enhances visibility and withstands the toughest environments.

The Mosaic brings J.W. Speaker's legacy of quality and innovation into a versatile, road-ready package. From dark highways to demanding job sites, count on the Mosaic for consistent, reliable performance wherever the road takes you.

Customizable Modular LED Lights

Custom Designs without Custom Costs or Timing! Avoid high optical tooling and homologation costs with the Mosaic Modular LED lighting system designed specifically for OEM and aftermarket customers seeking unique, high-quality, customized vehicle lighting. Ideal for buses, trucks, RVs, cars, motorcycles, ebikes, and ATV/UTV applications. OEMs can use the versatile Mosaic Modular LED Lighting System to configure lighting designs quickly and cost-effectively. Because the lights are standard J.W. Speaker offerings, there are no additional tooling costs. Plus, they're DOT & ECE approved, so they're ready for everyday on-road use immediately.

Features and Benefits

- Available as an individual light or bulk pack
- Meets the tough criteria for IP67 and IP69K for the best protection from dust and water ingress
- DOT and ECE approved (please reference product descriptions)
- Die-cast aluminum housing to meet the harsh demands of transportation and municipal applications
- Design Flexibility – Various mounting options available to meet customer specific needs

Light Specific Mounting Options:

Mounting Hardware Kit (8200831) is usable with all lights except the Vertical and Horizontal Low Beam Headlights: 0561411(2), 0561421(2), 0561401(2)

The Tall Mounting Hardware Kit (8201041) should only be used with Vertical and Horizontal Low Beam Headlights: 0561411(2), 0561421(2), 0561401(2)

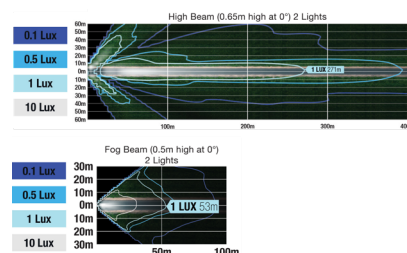
The Pedestal Mounting Hardware Kit (8201031) should only be used with: 0347971(2), 0558321(2), 0560251(2), 0560121(2)

Mosaic LED Auxiliary Light Kits

The Mosaic is now available in preassembled Auxiliary High Beam and Fog Light Kits that are fully ECE road-legal. Designed for straightforward installation, each kit comes ready to go with everything needed to get you wired, mounted, and road ready. Perfect for upgrading a work truck or heavy-duty rig, these lights are engineered to deliver consistent, road ready performance.

Applications

Automotive, Construction, Industrial, Material Handling, Mining, Specialty Vehicles, Truck & Bus, Motorcycle, Off-Road 4x4, Powersports



J.W. SPEAKER
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Part No.	Description
0347971	12-24V LED DOT/ECE DI & DRL Light
0556821	12V LED SAE/ECE Fog Light
0556831	12V LED SAE High Beam & DRL Headlight
0557941	12V LED SAE/ECE Cornering Light
0558321	12V LED SAE/ECE Symmetric Low Beam Headlight
0560121	24V LED ECE High Beam & Front Position Headlight
0560141	24V LED ECE Symmetric Low Beam Headlight
0560161	24V LED ECE Fog Light
0560171	24V LED ECE Cornering Light
0560251	12V LED DOT/ECE High Beam & Front Position Headlight
0561401	12V LED DOT RHT Vertical Low Beam Headlight
0561411	12V LED DOT RHT Horizontal Low Beam Headlight - LH Light
0561421	12V LED DOT RHT Horizontal Low Beam Headlight - RH Light
0530293	12V LED Fog Light - 2 Light Kit with Mount & Wire Harness
0530303	24V LED Fog Light - 2 Light Kit with Mount & Wire Harness
0530313	24V LED High Beam & Front Position - 2 Light Kit with Mount & Wire Harness
0530993	12V LED High Beam & Front Position - 2 Light Kit with Mount & Wire Harness

Tech Specs

Input Voltage	12/24V DC
	9-16V DC (0561401 and 0561421 only) 9-30V DC (0347971 only)
Operating Voltage	10-16V DC 18-30V DC (0560141, 0560161, 0560171, and 0530303 only) 18-36V DC (0560121 and 0530313 only)
Current Draw	0347971: 0.33A @ 12V DC (DRL), 0.53A @ 12V DC (DI/Turn), 0.17A @ 24V DC (DRL), 0.27A @ 24V DC (DI/Turn) 0560141: 0.66A @ 24V DC (Power) 0560161 and 0530303: 0.66A @ 24V DC (Fog) 0560171: 0.66A @ 24V DC (Cornering) 0560121 and 0530313: 0.70A @ 24V DC (High Beam), 0.09A @ 24V DC (Front Position) 0560251 and 0530993: 1.30A @ 12V DC (High Beam), 0.18A @ 12V DC (Front Position) 0556821 and 0530293: 1.5A @ 12V DC (Fog) 0557941: 1.5A @ 12V DC (Cornering) 0558321: 1.5A @ 12V DC (Low Beam) 0561401, 0561411, and 0561421: 1.92A @ 12.8V DC (Power) 0556831: 2.0A @ 12V DC (High Beam), 0.1A @ 12V DC (DRL)
Shape	Rectangular
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Die-Cast Aluminum
Housing Color	Black
Operating Temp	-40°C / -40°F – 65°C / 149°F
IP Rating	IEC IP67, IP69K
Compliance / Certifications	0347971: ECE Reg 148 - 1b, FMVSS 108 s7.1 (Table VI), SAE J2087 ECE Reg 148 - RL FMVSS 108 s7.10 0530313 and 0530993: ECE Reg 148 - A, ECE Reg 149 - HR 0560251: ECE Reg 148 - A, FMVSS 108 s10.1 (Table XVIII), FMVSS 108 s7.8 (Table XIV), ECE Reg 149 - HR, FMVSS 108 s10.1 (Table XX) 0530293 and 0530303: ECE Reg 149 - F3 0556821 and 0560161: ECE Reg 149 - F3, SAE J583 0557941 and 0560171: ECE Reg 149 - K, SAE J852 0556831: ASABE S608, FMVSS 108 s7.10, FMVSS 108 s10.1 (Table XVIII), SAE J1623 0558321: ASABE S608, FMVSS 108 s10.1 (Table XX), ECE Reg 149 - WC-DS, SAE J1623 0560121: ASABE S608, ECE Reg 149 - HR, ECE Reg 148 - A 0560141: ASABE S608, SAE J1623, ECE Reg 149 - WC-DS 0561401, 0561411, and 0561421: FMVSS 108 s10.1 (Table XIX)
Height	54.80 mm / 2.16 in 103.00 mm / 4.06 in (0561411 and 0561421 only) 185.70 mm / 7.31 in (0561401)
Width	63.80 mm / 2.51 in (0530303 only) 83.80 mm / 3.3 in 106.40 mm / 4.19 in (0561401 only) 201.00 mm / 7.91 in (0561411 and 0561421 only)
Depth	73.70 mm / 2.9 in (0530993 only) 74.50 mm / 2.93 in (0561401 only) 76.60 mm / 3.02 in 82.50 mm / 3.25 in (0561411 and 0561421 only)
Product Weight	0.55 lbs / 0.25 kgs 1.52 lbs / 0.69 kgs (0561401, 0561411, and 0561421 only)

Part No.	Accessories Description
3200531	Wire Harness, 2.5M JAE 3-pin
8200831	Mounting Hardware Kit for Mosaic
8201031	Single Pedestal Mount Kit for Mosaic
8201041	Tall Mounting Hardware Kit for Mosaic
8201191	Dual Pedestal Mount Kit for Mosaic



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