



Lighting

Magna is lighting the path to innovation, safety and styling. From LED to ADAS sensor integration, Magna offers numerous advanced lighting solutions that provide flexible styling, enhanced safety and improved visibility. These technologies enable us to meet today's needs while illuminating the path towards future mobility.

For our full range of products and capabilities visit:
magna.com

HEADLAMPS
TAIL LAMPS & SIGNAL LIGHTING
DECORATIVE EXTERIOR LIGHTING
AMBIENT INTERIOR LIGHTING
FOG/CHMSL/SMALL LIGHTING
LIGHTING ELECTRONICS
ADVANCED MANUFACTURING
TECHNOLOGIES

Customer Base

BMW, Daimler, Ford Motor Company, General Motors, Honda, Renault-Nissan-Mitsubishi, Stellantis, Toyota Motor Company, Volkswagen Group, Volvo and their respective operating divisions and subsidiaries.

Lighting

Capabilities

Headlamps

- LED TIR Lighting
- LED Bi-Function Projector
- LED Reflector
- Halogen & HID Technologies
- Matrix Lighting – ADB & GFHB
- Ultra Slim Projector & Reflector Systems

Tail Light & Signal Lighting

- LED Lighting
- Light Pipes & Light Guides
- Incandescent
- FLECSFORM™
- Surface Element Lighting
- OLED

Decorative Exterior Lighting

- Illuminated Front Grilles & Signature Lighting
- Access & Assistance Lighting

Ambient Interior Lighting

- ISELED Alliance Member
- Overhead Console & Cabin Ambient Lighting

Fog/CHMSL/Small Lighting

- Fog Lamps
- CHMSL
- License Plate Lamps
- Side Marker & Reflex Lamps
- Auxiliary Lamps
- Mirror & Turn Signal Lamps

Lighting Electronics

- LDM Controls
- AFS Headlamps
- Light Animation

Advanced Manufacturing Technologies

- Thermoset & Thermoplastic Molding
- Multicolor Injection Molding
- Metalizing
- Hard Coating
- Antifog Coating
- Plastic Welding: Sonic, Vibration, Hotplate, Laser
- ESD Protected Electronic Assembly
- Fully Automated Assembly
- Robotic Assembly
- Vision Systems
- Laser Ablation

Innovations

Surface Element Lighting

Thin homogeneous and vivid LED panels offering unique 3D styling opportunities and customizable animations.

INVISION™ Adaptive Driving Beam

Improving driver visibility and safety using dynamic headlamps that adapt to the vehicle environment. Features include glare free high-beam, speed dependent lighting and traffic sign detection.

FLECSFORM™

Advanced lighting technology that utilizes high speed direct transfer of mini-LEDs onto flexible circuits to enable thinner, more efficient solutions that enhance styling.

ISELED

Offers a fully new experience of ambient lighting by combining the advantages of digital LEDs and smart LED modules. Fluent and dynamic animations are possible through the software protocol and LED color calibration. Combination with sensors and actuators is also possible for an expanded user experience.

D-OPTIC™ Headlamp

Next generation LED headlamp utilizing multiple high power 1x1 LED's providing scalability for performance and styling. LED's are close coupled with injection molded precise lens optics to achieve strong forward lighting performance.

