

Automotive Lighting Market to Increase USD 58.59B Globally by 2030, at a 6.3% CAGR & Advancements in Smart Lighting Tech

Rise in implementation of government rule and regulations, increase in manufacturing of automobiles, and improved importance of road safety drives the market.

OREGON, DE, UNITED STATES, March 18, 2025 /EINPresswire.com/ -- Allied Market Research recently published a report, titled, "[Automotive Lighting Market](#) by Light Type (Halogen, Xenon/HID, and LED), Vehicle Type (Passenger ICE Vehicle, Commercial ICE Vehicle, and Electric Vehicle), Position (Front Lighting, Rear Lighting, Side Lighting, and Interior Lighting), and Sales Channel (Original Equipment Manufacturers (OEMs), and Aftermarket): Global Opportunity Analysis and Industry Forecast, 2021–2030."

The report states that the automotive lighting market is projected to reach USD 58.59 billion by 2030, growing at a CAGR of 6.3%. The market is driven by factors such as increasing government regulations, rising automobile production, and a growing emphasis on road safety. However, the high cost of LEDs and fluctuating raw material prices are expected to hinder market growth. Increased application in light commercial vehicles and demand for advanced technology are expected to open lucrative opportunities for market players in the coming years.

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Factors such as growing emphasis towards road safety, government regulations, and growing automobile production foster the growth of automotive lighting market. However, high cost of LEDs hinders the growth of market. Furthermore, the rise in demand for automotive in developing nations is the factor that is anticipated to provide a remarkable growth opportunity for the players operating in the automotive lighting market.

Major determinants of the market growth

Increase in the implementation of government regulations, rise in automobile production, and growing emphasis toward road safety have boosted the [growth of the global automotive lighting market](#). On the contrary, fluctuating prices of raw materials and high cost of LED lights hinder the market growth. However, increased application in light commercial vehicles and rise in demand for advanced technology in vehicles are expected to open lucrative opportunities for the market players in the coming years.

Lighting, being a vital component in automotive vehicles, plays a crucial role in automotive safety. Automotive vehicles consist of various lights, which increase visibility in darkness and bad

weather conditions. In addition, the lights can increase the conspicuity of vehicles. The lighting system comprises lighting and signaling devices. The lighting equipment is placed at different vehicle locations, including front, rear, top, and interiors. Lighting provides illumination for drivers, helping other vehicle drivers and pedestrians on the road to detect other vehicles' positions, the direction of movement, and size. Further, it also adds an aesthetic look to the vehicle's interior and exterior parts.

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The LED segment to dominate by 2030-

Based on light type, the LED segment contributed to nearly half of the global automotive lighting market share in 2020, and is anticipated to rule the roost by 2030, due to its longer life and better efficiency as compared to other lighting technologies to be used in vehicles. Moreover, this segment is expected to grow with the fastest CAGR of 7.4% throughout the forecast period.

Key players in the automotive lighting market include DENSO Corporation, Hella KGaA Hueck & Co., Hyundai Mobis, Koito Manufacturing Co., Ltd., Koninklijke Philips N.V., Osram Licht AG, ROBERT BOSCH GmbH, Stanley Electric Co., Ltd., Valeo, ZKW, and others.

The passenger vehicle segment to maintain the dominant share-

Based on vehicle type, the passenger vehicle segment accounted for more than half of the global automotive lighting market revenue in 2020, and is expected to lead the trail by 2030, owing to wider application of automotive lighting in passenger vehicles to provide a better view of the inner and outer environment. The electric vehicle segment, however, would register the fastest CAGR of 13.1% during the forecast period. This is due to the introduction of electric vehicle concept as a vehicle type to be used in the future.

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Asia-Pacific, followed by North America, garnered the major share in 2020-

Based on region, Asia-Pacific, followed by North America, garnered the major share in 2020, holding nearly half of the global automotive lighting market. This is attributed to the growing production and sales of vehicles across the region. However, the market across LAMEA would cite the fastest CAGR of 8.4% from 2021 to 2030. This is due to the [increased demand for advanced vehicles with advanced safety features](#) such as adaptive lighting to be present in vehicles running across the region.

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The COVID-19 crisis is creating uncertainty in the automotive lighting market by slowing down the supply chains, hampering business growth, and increasing panic among the customer segments.

Governments across different regions announced total lockdown and temporarily shutdown of industries, which adversely affected the overall production and sales.

The global business outlook has changed dramatically post COVID-19 health crisis.

Moreover, the overall production activities of market players have declined, owing to operations with limited workforce capacity and inadequate health safety measures along with current demand dynamics of the automotive industry.

With the advent in pandemic, the automobile & transportation sector came to halt due to the imposed lockdown across the globe, which has also created an adverse effect on the automotive industry across the globe.

As per the current scenario, overall world is getting back on track slowly with the new restriction and policies to support the economic activities in all industries.

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<https://www.alliedmarketresearch.com/bicycle-lights-market-A31859> - Bicycle Lights Market Size, Share, Competitive Landscape and Trend Analysis Report, by Technology, by MountingType, by Bicycle Type, by Application : Global Opportunity Analysis and Industry Forecast, 2021-2031

<https://www.alliedmarketresearch.com/automotive-adaptive-front-lighting-market-A10326> - Automotive Adaptive Front Lighting Market Size, Share, Competitive Landscape and Trend Analysis Report, by Technology, by Vehicle Type, by Sales Channel : Global Opportunity Analysis and Industry Forecast, 2021-2031

<https://www.alliedmarketresearch.com/india-automotive-lighting-market> - India Automotive Lighting Market Size, Share, Competitive Landscape and Trend Analysis Report, by Technology, Vehicle Type, Sales Channel - Opportunity Analysis and Industry Forecast, 2014 - 2022

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