

Global Automotive Adaptive Front Lighting Market Size study & Forecast, by Technology (Halogen, LED, Xenon), by Vehicle Type (Passenger Cars, Commercial Vehicles), by Sales Channel (OEM, Aftermarket) and Regional Analysis, 2022-2029

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Abstracts

Global Automotive Adaptive Front Lighting Market is valued approximately USD 1.5 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 10.7% over the forecast period 2022-2029. Automotive Adaptive Front Lighting System (AFS) optimizes the light distribution of the headlights according to driving conditions. Depends on vehicle speed, steering angle, and weather conditions. The system adjusts the low or high beams and points them in the direction the driver wants to drive. Adaptive headlights can perform small horizontal or vertical movements associated with the use of geared motors in the automotive industry. These movements rely on mechanical systems that can reduce motor speed consistently, efficiently, and safely. The increasing adoption of Advanced Driver Assistance System (ADAS) and growing integration of advanced technologies in vehicles are key factors driving the market growth.

The increasing adoption of advanced driver assistance system in passenger and commercial vehicles is contributing towards the growth of the Global Automotive Adaptive Front Lighting market. For instance, according to Statista - In 2020, the advanced driver assistance systems (ADAS) industry generated around USD 27.29 billion, and the global ADAS market is estimated to grow to USD 58.59 billion by 2028. Also, rising penetration of autonomous vehicles in developing regions and growing number of passenger safety norms from the authorities would create lucrative growth prospectus for the market over the forecast period. However, the high cost & complex configuration process and lack of penetration low and medium ranged vehicles stifles

the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Automotive Adaptive Front Lighting Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the dominance of leading market players and increasing investment in autonomous and semi-autonomous vehicles in the region. Whereas Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising adoption of ADAS system in passenger cars and increasing penetration of leading market players in the region.

Major market player included in this report are:

Continental AG

De Amertek Corporation

Hella GmbH & Co. KGaA

Hyundai Mobis Co., Ltd.

Johnson Electric Holdings Limited

J.W. Speaker Corporation

Marelli Holdings Co., Ltd.

Robert Bosch GmbH

Stanley Electric Co., Ltd.

Valeo SA

Recent Developments in the Market:

In September 2020, France based automotive component manufacturer Valeo Group, launched its new Full Adaptive Front Lighting (Full AFS), which comprised of ABS braking systems, airbags, stability control, and an improved lighting system with enhanced visibility and braking distances

In July 2022, Germany based automotive part and equipment supplier HELLA GmbH & Co. KGaA, launched its new Black Magic LED Work Lamps series. This lamp series is intended for off-road applications.

Global Automotive Adaptive Front Lighting Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Vehicle Type, Sales Channel, Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology

Halogen

LED

Xenon

By Vehicle Type

Passenger Cars

Commercial Vehicles

By Sales Channel

OEM

Aftermarket

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Automotive Adaptive Front Lighting Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Automotive Adaptive Front Lighting Market, by Technology, 2019-2029 (USD Billion)
 - 1.2.3. Automotive Adaptive Front Lighting Market, by Vehicle Type, 2019-2029 (USD Billion)
 - 1.2.4. Automotive Adaptive Front Lighting Market, by Sales Channel, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMOTIVE ADAPTIVE FRONT LIGHTING MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AUTOMOTIVE ADAPTIVE FRONT LIGHTING MARKET DYNAMICS

- 3.1. Automotive Adaptive Front Lighting Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing adoption of Advanced Driver Assistance System (ADAS)
 - 3.1.1.2. Growing integration of advanced technologies in vehicles
 - 3.1.2. Market Challenges
 - 3.1.2.1. High cost & complex configuration process
 - 3.1.2.2. Lack of penetration low and medium ranged vehicles
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rapid penetration of autonomous vehicles in developing regions

3.1.3.2. Growing number of passenger safety norms from the authorities

CHAPTER 4. GLOBAL AUTOMOTIVE ADAPTIVE FRONT LIGHTING MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry

4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)

4.3. PEST Analysis

- 4.3.1. Political
- 4.3.2. Economical
- 4.3.3. Social
- 4.3.4. Technological

4.4. Top investment opportunity

4.5. Top winning strategies

4.6. Industry Experts Prospective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

5.1. Assessment of the overall impact of COVID-19 on the industry

5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL AUTOMOTIVE ADAPTIVE FRONT LIGHTING MARKET, BY TECHNOLOGY

6.1. Market Snapshot

6.2. Global Automotive Adaptive Front Lighting Market by Technology, Performance - Potential Analysis

6.3. Global Automotive Adaptive Front Lighting Market Estimates & Forecasts by Technology 2019-2029 (USD Billion)

6.4. Automotive Adaptive Front Lighting Market, Sub Segment Analysis

- 6.4.1. Halogen
- 6.4.2. LED
- 6.4.3. Xenon

CHAPTER 7. GLOBAL AUTOMOTIVE ADAPTIVE FRONT LIGHTING MARKET, BY VEHICLE TYPE

- 7.1. Market Snapshot
- 7.2. Global Automotive Adaptive Front Lighting Market by Vehicle Type, Performance - Potential Analysis
- 7.3. Global Automotive Adaptive Front Lighting Market Estimates & Forecasts by Vehicle Type 2019-2029 (USD Billion)
- 7.4. Automotive Adaptive Front Lighting Market, Sub Segment Analysis
 - 7.4.1. Passenger Cars
 - 7.4.2. Commercial Vehicles

CHAPTER 8. GLOBAL AUTOMOTIVE ADAPTIVE FRONT LIGHTING MARKET, BY SALES CHANNEL

- 8.1. Market Snapshot
- 8.2. Global Automotive Adaptive Front Lighting Market by Sales Channel, Performance - Potential Analysis
- 8.3. Global Automotive Adaptive Front Lighting Market Estimates & Forecasts by Sales Channel 2019-2029 (USD Billion)
- 8.4. Automotive Adaptive Front Lighting Market, Sub Segment Analysis
 - 8.4.1. OEM
 - 8.4.2. Aftermarket

CHAPTER 9. GLOBAL AUTOMOTIVE ADAPTIVE FRONT LIGHTING MARKET, REGIONAL ANALYSIS

- 9.1. Automotive Adaptive Front Lighting Market, Regional Market Snapshot
- 9.2. North America Automotive Adaptive Front Lighting Market
 - 9.2.1. U.S. Automotive Adaptive Front Lighting Market
 - 9.2.1.1. Technology breakdown estimates & forecasts, 2019-2029
 - 9.2.1.2. Vehicle Type breakdown estimates & forecasts, 2019-2029
 - 9.2.1.3. Sales Channel breakdown estimates & forecasts, 2019-2029
 - 9.2.2. Canada Automotive Adaptive Front Lighting Market
- 9.3. Europe Automotive Adaptive Front Lighting Market Snapshot
 - 9.3.1. U.K. Automotive Adaptive Front Lighting Market
 - 9.3.2. Germany Automotive Adaptive Front Lighting Market
 - 9.3.3. France Automotive Adaptive Front Lighting Market

- 9.3.4. Spain Automotive Adaptive Front Lighting Market
- 9.3.5. Italy Automotive Adaptive Front Lighting Market
- 9.3.6. Rest of Europe Automotive Adaptive Front Lighting Market
- 9.4. Asia-Pacific Automotive Adaptive Front Lighting Market Snapshot
 - 9.4.1. China Automotive Adaptive Front Lighting Market
 - 9.4.2. India Automotive Adaptive Front Lighting Market
 - 9.4.3. Japan Automotive Adaptive Front Lighting Market
 - 9.4.4. Australia Automotive Adaptive Front Lighting Market
 - 9.4.5. South Korea Automotive Adaptive Front Lighting Market
 - 9.4.6. Rest of Asia Pacific Automotive Adaptive Front Lighting Market
- 9.5. Latin America Automotive Adaptive Front Lighting Market Snapshot
 - 9.5.1. Brazil Automotive Adaptive Front Lighting Market
 - 9.5.2. Mexico Automotive Adaptive Front Lighting Market
 - 9.5.3. Rest of Latin America Automotive Adaptive Front Lighting Market
- 9.6. Rest of The World Automotive Adaptive Front Lighting Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Continental AG
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. De Amertek Corporation
 - 10.2.3. Hella GmbH & Co. KGaA
 - 10.2.4. Hyundai Mobis Co., Ltd.
 - 10.2.5. Johnson Electric Holdings Limited
 - 10.2.6. J.W. Speaker Corporation
 - 10.2.7. Marelli Holdings Co., Ltd.
 - 10.2.8. Robert Bosch GmbH
 - 10.2.9. Stanley Electric Co., Ltd.
 - 10.2.10. Valeo SA

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process

- 11.1.1. Data Mining
- 11.1.2. Analysis
- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Automotive Adaptive Front Lighting Market, report scope

TABLE 2. Global Automotive Adaptive Front Lighting Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Automotive Adaptive Front Lighting Market estimates & forecasts by Technology 2019-2029 (USD Billion)

TABLE 4. Global Automotive Adaptive Front Lighting Market estimates & forecasts by Vehicle Type 2019-2029 (USD Billion)

TABLE 5. Global Automotive Adaptive Front Lighting Market estimates & forecasts by Sales Channel 2019-2029 (USD Billion)

TABLE 6. Global Automotive Adaptive Front Lighting Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Automotive Adaptive Front Lighting Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Automotive Adaptive Front Lighting Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Automotive Adaptive Front Lighting Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Automotive Adaptive Front Lighting Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Automotive Adaptive Front Lighting Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Automotive Adaptive Front Lighting Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Automotive Adaptive Front Lighting Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Automotive Adaptive Front Lighting Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global Automotive Adaptive Front Lighting Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Automotive Adaptive Front Lighting Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 39. RoE Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 40. China Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 41. China Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. China Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 43. India Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 44. India Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. India Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 46. Japan Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 47. Japan Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. Japan Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 49. South Korea Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 50. South Korea Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. South Korea Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 52. Australia Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 53. Australia Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. Australia Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 56. RoAPAC Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 58. Brazil Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Automotive Adaptive Front Lighting Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Automotive Adaptive Front Lighting Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Automotive Adaptive Front Lighting Market

TABLE 71. List of primary sources, used in the study of global Automotive Adaptive Front Lighting Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Automotive Adaptive Front Lighting Market, research methodology
 - FIG 2. Global Automotive Adaptive Front Lighting Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Automotive Adaptive Front Lighting Market, key trends 2021
 - FIG 5. Global Automotive Adaptive Front Lighting Market, growth prospects 2022-2029
 - FIG 6. Global Automotive Adaptive Front Lighting Market, porters 5 force model
 - FIG 7. Global Automotive Adaptive Front Lighting Market, pest analysis
 - FIG 8. Global Automotive Adaptive Front Lighting Market, value chain analysis
 - FIG 9. Global Automotive Adaptive Front Lighting Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Automotive Adaptive Front Lighting Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Automotive Adaptive Front Lighting Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Automotive Adaptive Front Lighting Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Automotive Adaptive Front Lighting Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Automotive Adaptive Front Lighting Market, regional snapshot 2019 & 2029
 - FIG 15. North America Automotive Adaptive Front Lighting Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Automotive Adaptive Front Lighting Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific Automotive Adaptive Front Lighting Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Automotive Adaptive Front Lighting Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Automotive Adaptive Front Lighting Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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