Lighting Market for Automotive by Technology, Position, Adaptive Front, Two-Wheeler, Vehicle Type, & by Region - Forecast to 2021

Description:

"Lighting Market for Automotive by Technology (Halogen, LED, Xenon), Position (Front, Side, Rear, Interior), Adaptive Front (Front (Auto On-Off, Bending, Cornering, High Beam Assist, Headlamp Levelling), Rear, Interior), Two-Wheeler, Vehicle Type, & by Region - Forecast to 2021"

"Increasing vehicle demand will primarily push the global automotive lighting industry"

The automotive lighting market, by value, is projected to grow at a CAGR of 7.22% from 2016 to 2021 reaching USD 29.53 billion. Major factors driving market growth include growing concern regarding safety especially at night and in low visibility circumstances, rising demand for advanced technologies like adaptive lighting systems to enhance driver's sight without disturbing the on-coming traffic and overall increasing vehicle sales around the globe.

"LED technology to lead in the future"

The market for LED technology is projected to grow at the highest CAGR in terms of value and volume compared to other technologies during the forecast period. This high demand can be substantiated with reasons such as their energy efficiency as LED lights consume less power as compared to halogen lamps, lightweight, and flexibility factor is higher in LED which minimizes design constraints faced by OEMs. Moreover, market for LED technology is also influenced positively by regulatory mandates in Europe.

"Asia-Oceania region to dominate the market growth"

Asia-Oceania region is estimated to dominate the automotive lighting market in terms of value. It is projected to grow at the highest CAGR during the forecast period. This can be attributed to emerging economies like China. Growth in this region is due to factors such as lenient labor laws, economical labor and raw materials, strong state support that supports growth in vehicle production.

The study contains insights provided by various industry experts. The break-up of the primaries is as follows:

- By Company Type - Tier-1 - 53 %, OEM 28%, and Others - 19%
- By Designation - C level - 48%, Director level - 33%, and Others - 19%
- By Region - Europe - 36%, and Asia-Oceania - 20%, North America - 28%, RoW - 16%

OLED and Laser lighting technologies are very recently introduced technologies in the market. Laser lights could be used in headlamps, whereas OLED lights are more applicable in side and rear lighting positions.

Ten major companies in the automotive lighting industry are profiled. They are Hella KGaA Hueck & Co (Germany), Magneti Marelli S.p.A (Italy), Stanley Electric K.K (Japan), Valeo S.A. (France), Koito Manufacturing Co. Ltd. (Japan), Osram Licht AG (Germany), Koninklijke Philips N.V (Netherlands), Hyundai Mobis (South Korea), Ichikoh Industries Ltd. (Japan), and General Electric (U.S.).

Reasons to Buy the Report:

The report provides insights with reference to the following points:

- Market Development: Comprehensive information about lucrative emerging markets. The report analyzes the markets for automotive lighting across regions
- Product Development/Innovation: Detailed insights into R&D activities, upcoming technologies, and new product launches in the global automotive lighting market
- Market Diversification: Detailed information about untapped markets, investments, new products, and recent developments in the global automotive lighting market
- Competitive Assessment: In-depth assessment of strategies, products, and manufacturing capabilities of leading players in the global automotive lighting market

- Supplier analysis: Brief analysis of Who Supplies Whom data for key lighting manufacturers and their clients (OEMs)

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Package Size
1.6 Limitations
1.7 Stakeholders

2 Research Methodology
2.1 Research Data
2.2 Secondary Data
2.2.1 Key Secondary Sources
2.2.2 Key Data From Secondary Sources
2.3 Primary Data
2.3.1 Sampling Techniques & Data Collection Methods
2.3.2 Primary Participants
2.4 Factor Analysis
2.4.1 Introduction
2.4.2 Demand Side Analysis
2.4.2.1 Impact of GDP on Commercial Vehicle Sales
2.4.2.2 Urbanization vs Passenger Cars Per 1,000 People
2.4.2.3 Infrastructure: Roadways
2.4.3 Supply Side Analysis
2.4.3.1 Technological Advancements
2.4.3.2 Influence of Other Factors
2.5 Market Size Estimation
2.6 Data Triangulation
2.7 Assumptions

3 Executive Summary

4 Premium Insights
4.1 Opportunities in the Automotive Lighting Market
4.2 Global Analysis of Automotive Lighting Market By Position & Technology
4.3 Global Automotive Lighting Market By Region & Vehicle Type
4.4 Automotive Lighting Market Share Analysis, By Position & Region
4.5 Global Automotive Front Adaptive Lighting Market Analysis By Region
4.6 Global Automotive Lighting Market, By Region, 2016 vs 2021
4.7 Global Two-Wheeler Lighting Market, By Position
4.8 Product Life Cycle, By Technology
4.9 Who Supplies Whom

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 By Region, Technology, & Vehicle Type
5.2.1.1 By Position & Technology
5.2.2 Automotive Adaptive Lighting Market
5.2.3 Two-Wheeler Lighting Market
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Increasing Vehicle Sales & Production
5.3.1.2 Technological Advancements
5.3.1.3 Stringent Lighting Regulations
5.3.2 Restraints
5.3.2.1 Fluctuating Raw Material Prices
5.3.2.2 High R&D Cost
5.3.3 Opportunities
5.3.3.1 Developing New Products By Partnering With Automobile Manufacturers
5.3.3.2 Technological Advancements in Lighting Industry
5.3.4 Challenges
5.3.4.1 Driver Distraction
5.3.4.2 Manufacturing High-Quality, Cost-Effective Lighting Systems
5.4 Value Chain Analysis
5.5 Porter’s Five Forces Analysis
5.5.1 Threat of New Entrants
5.5.2 Threat of Substitutes
5.5.3 Bargaining Power of Suppliers
5.5.3.1 Well-Established Players With Excellent Supply & Distribution Network:
5.5.4 Bargaining Power of Buyers
5.5.5 Intensity of Competitive Rivalry

6 Technology Overview
6.1 Evolution
6.2 Modern Technologies
6.2.1 Adaptive Lighting
6.2.2 Oled Automotive Lighting
6.2.3 Automotive Laser Lighting
6.3 Future Technology
6.3.1 Single Source Lighting System

7 Global Automotive Lighting Market Analysis, By Region, Vehicle Type, Position and Technology
7.1 Introduction
7.2 Automotive Lighting Market, By Region, Vehicle Type, Position & Technology
7.2.1 Asia-Oceania: Automotive Lighting Market, By Vehicle Type, Position & Technology
7.2.1.1 Asia-Oceania: Passenger Car Lighting Market, By Position & Technology
7.2.1.2 Asia-Oceania: LCV Lighting Market, By Position & Technology
7.2.1.3 Asia-Oceania: Truck Lighting Market, By Position & Technology
7.2.1.4 Asia-Oceania: Bus Lighting Market, By Position & Technology
7.2.2 Europe: Automotive Lighting Market, By Position & Technology
7.2.2.1 Europe: Passenger Car Lighting Market, By Position & Technology
7.2.2.2 Europe: LCV Lighting Market, By Position & Technology
7.2.2.3 Europe: Truck Lighting Market, By Position & Technology
7.2.2.4 Europe: Bus Lighting Market, By Position & Technology
7.2.3 North America: Automotive Lighting Market, By Position & Technology
7.2.3.1 North America: Passenger Car Lighting Market, By Position & Technology
7.2.3.2 North America: LCV Lighting Market, By Position & Technology
7.2.3.3 North America: Truck Lighting Market, By Position & Technology
7.2.3.4 North America: Bus Lighting Market, By Position & Technology
7.2.4 RoW: Automotive Lighting Market, By Position & Technology
7.2.4.1 RoW: Passenger Car Lighting Market, By Position & Technology
7.2.4.2 RoW: LCV Lighting Market, By Position & Technology
7.2.4.3 RoW: Truck Lighting Market, By Position & Technology
7.2.4.4 RoW: Bus Lighting Market, By Position & Technology

8 Automotive Lighting Market, By Technology
8.1 Introduction
8.1.1 Global Automotive Lighting Market Size, By Technology
8.1.1.1 Halogen
8.1.1.2 Xenon
8.1.1.3 LED
8.1.2 Automotive Lighting Market Size, By Technology & Region
8.1.2.1 Asia-Oceania Automotive Lighting Market Size, By Technology
8.1.2.1.1 China: Automotive Lighting Market Size, By Technology
8.1.2.1.2 India: Automotive Lighting Market Size, By Technology
8.1.2.1.3 Japan: Automotive Lighting Market Size, By Technology
8.1.2.1.4 South Korea: Automotive Lighting Market Size, By Technology
8.1.2.2 Europe: Automotive Lighting Market Size, By Technology
8.1.2.2.1 Germany: Automotive Lighting Market Size, By Technology
8.1.2.2.2 France: Automotive Lighting Market Size, By Technology
8.1.2.2.3 U.K.: Automotive Lighting Market Size, By Technology
8.1.2.2.4 Spain: Automotive Lighting Market Size, By Technology
8.1.2.3 North America: Automotive Lighting Market Size, By Technology
8.1.2.3.1 U.S.: Automotive Lighting Market Size, By Technology
8.1.2.3.2 Canada: Automotive Lighting Market Size, By Technology
8.1.2.3.3 Mexico: Automotive Lighting Market Size, By Technology
8.1.2.4 RoW: Automotive Lighting Market Size, By Technology
8.1.2.4.1 Brazil: Automotive Lighting Market Size, By Technology
8.1.2.4.2 Russia: Automotive Lighting Market Size, By Technology

9 Adaptive Lighting Market, By Region & Application
9.1 Introduction
9.1.1 Front Adaptive Lighting
9.1.2 Rear Adaptive Lighting
9.1.3 Ambient Lighting
9.2 Front Adaptive Lighting Market, By Function
9.2.1 Auto On/Off Function, By Region
9.2.2 Bending/Curve Light Function, By Region
9.2.3 Cornering Light Function, By Region
9.2.4 High Beam Assist Function, By Region
9.2.5 Headlight Leveling Function, By Region
9.3 Rear Adaptive Lighting, By Region
9.4 Ambient Lighting, By Region

10 Global Two-Wheeler Lighting Market, By Position
10.1 Introduction
10.1.1 Two-Wheeler Lighting Market, By Region & Position
10.1.1.1 Asia-Oceania
10.1.1.2 Europe
10.1.1.3 North America
10.1.1.4 RoW

11 Competitive Landscape
11.1 Overview
11.2 Market Share Analysis: Global Automotive Lighting Market 2014
11.3 Competitive Situation & Trends
11.5 New Product Developments
11.6 Expansions
11.7 Agreements, Partnerships, Collaborations, and Supply Contracts
11.8 Mergers and Acquisitions

12 Company Profiles
(Company at A Glance, Business Overview, Products Offered, Key Strategy, Recent Developments, SWOT Analysis & MnM View)*
12.1 Introduction
12.2 Hella KGAA Hueck & Co.
12.3 Magneti Marelli
12.4 Koito Manufacturing Co. Ltd
12.5 Stanley Electric Co., Ltd
12.6 Valeo S.A.
12.7 Osram GmbH
12.8 General Electric
12.9 Ichikoh Industries Ltd
12.10 Hyundai Mobis
12.11 Koninklijke Philips N.V.
12.12 Zizala Lichtsysteme GmbH (ZKW)

*Details on Company at A Glance, Recent Financials, Products Offered, Strategies & Insights, & Recent
Developments Might Not Be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Discussion Guide
13.2 Knowledge Store: Subscription Portal
13.3 Available Customizations
13.3.1 Off-Highway Lighting Market
13.3.1.1 By Position
13.3.1.1.1 Front
13.3.1.1.2 Rear
13.3.1.1.3 Side
13.3.1.1.4 Interior
13.3.1.2 By Technology
13.3.1.2.1 Halogen
13.3.1.2.2 Xenon
13.3.1.2.3 LED
13.3.2 Global Automotive Lighting Market, By Application
13.3.2.1 Front Light, By Application
13.3.2.1.1 Headlight
13.3.2.1.2 Fog Light
13.3.2.1.3 DRL
13.3.2.1.4 Indicators
13.3.2.2 Rear Light, By Application
13.3.2.2.1 Rear Light
13.3.2.2.2 CHMSL
13.3.2.2.3 Indicators
13.3.2.2.4 License Plate
13.3.2.2.5 Reverse Light
13.3.2.3 Side Light, By Application
13.3.2.3.1 Side Light
13.3.2.3.2 Side Rear View Mirrors Indicators
13.3.2.4 Interior Light, By Application
13.3.2.4.1 Dashboard
13.3.2.4.2 Glove Box
13.3.2.4.3 Reading Light
13.3.2.4.4 Dome Light
13.3.2.4.5 Rear View Mirror Interior Light
13.3.3 Transportation Lighting Market
13.3.3.1 Rolling Stock Lighting Market
13.3.3.2 Aviation Lighting Market
13.3.4 Adaptive Lighting Market
13.3.4.1 Adaptive Lighting Market By Technology
13.3.5 Automotive Lighting Adhesive and Sealant Market
13.4 Additional Developments
13.4.1 New Product Developments
13.4.2 Mergers & Acquisition
13.4.3 Expansions
13.4.4 Agreements, Partnerships, Collaborations, Joint Ventures & Supply Contracts
13.5 Related Reports
13.6 Introducing RT: Real Time Market Intelligence

List of Tables
Table 1 Adaptive Technologies, By Position, Incorporated in Vehicles of Key Oems
Table 2 Automotive Lighting Mandates for PCV
Table 3 Automotive Lighting Regulations for HCV
Table 4 Factors Considered When Testing Automotive Lighting
Table 5 Global Automotive Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 6 Global Automotive Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 7 Asia-Oceania: Automotive Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 8 Asia-Oceania: Automotive Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 9 Asia-Oceania: Passenger Car Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 68 Spain: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 67 Spain: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 66 U.K. : Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 65 U.K. : Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 64 France: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 63 France: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 62 Germany: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 61 Germany: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 60 Europe: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 59 Europe: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 58 South Korea: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 57 South Korea: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 56 Japan: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 55 Japan: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 53 India: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 52 China: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 51 China: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 50 Asia-Oceania Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 49 Asia-Oceania Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 48 Global Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 47 Global Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 46 RoW: LCV Lighting Market, By Position & Technology, 2014-2021 (USD Million)
Table 45 RoW: LCV Lighting Market, By Position & Technology, 2014-2021 (Million Units)
Table 44 RoW: Truck Lighting Market, By Position & Technology, 2014-2021 (USD Million)
Table 43 RoW: Truck Lighting Market, By Position & Technology, 2014-2021 (Million Units)
Table 42 RoW: Passenger Car Lighting Market, By Position & Technology, 2014-2021 (USD Million)
Table 41 RoW: Passenger Car Lighting Market, By Position & Technology, 2014-2021 (Million Units)
Table 40 RoW: Automotive Lighting Market, By Position & Technology, 2014-2021 (USD Million)
Table 39 RoW: Automotive Lighting Market, By Position & Technology, 2014-2021 (Million Units)
Table 38 RoW: Bus Lighting Market, By Position & Technology, 2014-2021 (USD Million)
Table 37 RoW: Bus Lighting Market, By Position & Technology, 2014-2021 (Million Units)
Table 36 North America: Automotive Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 35 North America: Automotive Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 34 North America: Passenger Car Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 33 North America: Passenger Car Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 32 North America: LCV Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 31 North America: LCV Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 30 North America: Truck Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 29 North America: Truck Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 28 North America: Bus Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 27 North America: Bus Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 26 Europe: Automotive Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 25 Europe: Automotive Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 24 Europe: LCV Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 23 Europe: LCV Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 22 Europe: Truck Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 21 Europe: Truck Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 20 Europe: Passenger Car Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 19 Europe: Passenger Car Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 18 Europe: Bus Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 17 Europe: Bus Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 16 Asia-Oceania: Bus Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 15 Asia-Oceania: Bus Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 14 Asia-Oceania: Truck Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 13 Asia-Oceania: Truck Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 12 Asia-Oceania: LCV Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 11 Asia-Oceania: LCV Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 10 Asia-Oceania: Passenger Car Lighting Market Size, By Position & Technology, 2014-2021 (USD Million)
Table 9 Asia-Oceania: Passenger Car Lighting Market Size, By Position & Technology, 2014-2021 (Million Units)
Table 69 North America: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 70 North America: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 71 U.S.: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 72 U.S.: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 73 Canada: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 74 Canada: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 75 Mexico: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 76 Mexico: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 77 RoW: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 78 RoW: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 79 Brazil: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 80 Brazil: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 81 Russia: Automotive Lighting Market Size, By Technology, 2014-2021 (Million Units)
Table 82 Russia: Automotive Lighting Market Size, By Technology, 2014-2021 (USD Million)
Table 83 Auto On/Off Function, By Region (Million Cars)
Table 84 Bending/Curve Light Function, By Region (Million Cars)
Table 85 Cornering Light Function, By Region (Million Cars)
Table 86 High Beam Assist Function, By Region (Million Cars)
Table 87 Headlight Leveling Function, By Region (Million Cars)
Table 88 Rear Adaptive Lighting Market, By Region (Million Cars)
Table 89 Ambient Lighting Market, By Region (Million Cars)
Table 90 Two-Wheeler Lighting Market Size, By Position, 2014-2021 (Million Units)
Table 91 Two-Wheeler Lighting Market Size, By Position, 2014-2021 (USD Million)
Table 92 Asia-Oceania: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (Million Units)
Table 93 Asia-Oceania: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (USD Million)
Table 94 Europe: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (Million Units)
Table 95 Europe: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (USD Million)
Table 96 North America: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (Million Units)
Table 97 North America: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (USD Million)
Table 98 RoW: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (Million Units)
Table 99 RoW: Two-Wheeler Lighting Market Size, By Position, 2014-2021 (USD Million)
Table 100 New Product Developments, 2015-2016
Table 101 Expansions, 2015
Table 102 Agreements, Partnerships, Collaborations, and Supply Contracts, 2015-2016
Table 103 Mergers & Acquisitions, 2012-2015

List of Figures

Figure 1 Automotive Lighting: Market Segmentation
Figure 2 Research Design: Automotive Lighting Market (PCV, LCV, HCV)
Figure 3 Research Methodology Model
Figure 4 Breakdown of Primary Interviews: By Company Type, Designation, & Region
Figure 5 Gross Domestic Product (GDP) vs Total Vehicle Sales
Figure 6 Urbanization vs Passenger Cars Per 1,000 People
Figure 7 Road Network vs Passenger Car Sales
Figure 8 Micro & Macro Factor Analysis
Figure 9 Market Size Estimation Methodology for the Global Automotive Lighting Market: Bottom-Up Approach
Figure 10 Market Size Estimation Methodology for the Global Automotive Adaptive Lighting Market: Bottom-Up Approach
Figure 11 Key Countries in the Automotive Lighting Market, By Growth (USD Million)
Figure 12 Automotive Lighting Market Size, By Technology (USD Billion)
Figure 13 Adaptive Lighting Market, By Position (Front, Rear, Interior), 2016 vs 2021 (Million Units)
Figure 14 Automotive Lighting Market Share (2021): Asia-Oceania is Projected to Be the Highest-Growing Market By Value
Figure 15 Increasing Vehicle Production and Growing Concern for Safety and Comfort Creates Lucrative Opportunities for Lighting Manufacturers
Figure 16 Side Automotive Lighting Market By Value, Projected to Grow at the Highest CAGR, 2016 vs 2021
Figure 17 Passenger Car Segment Accounts for Major Share in Automotive Lighting Market, By Value (USD Million), 2016
Figure 18 Front Lighting Market, By Value, is the Leading Segment, 2016
Figure 19 Auto On/Off Would Dominate the Automotive Adaptive Lighting Market, By Volume, 2016-E
Figure 20 China Expected to Dominate the Global Automotive Lighting During the Forecast Period
Figure 21 Front Lighting Accounts for Major Share of the Global Two-Wheeler Lighting Market, By Value, 2016
Figure 22 Product Life Cycle of Front Automotive Lighting Technology
Figure 23 Product Life Cycle of Rear & Interior Automotive Lighting Technologies
Figure 24 Market Segmentation By Region, Technology & Vehicle Type
Figure 25 Automotive Adaptive Lighting Market
Figure 26 Two-Wheeler Lighting Market
Figure 27 Stringent Safety Mandates to Drive the Automotive Lighting Market
Figure 28 Global Vehicle Production (2013-2021)
Figure 29 Price of Tungsten (USD/Kg)
Figure 30 Value Chain Analysis: Major Value is Added During the Manufacturing & Assembly Phases
Figure 31 Porter's Five Forces Analysis (Automotive Lighting Market)
Figure 32 Evolution of Automotive Lighting Technologies, Laws & Norms
Figure 33 Adaptive Lighting Functions
Figure 34 Global Automotive Lighting Market, By Position & Technology
Figure 35 Passenger Car Lighting Market to Have Highest Growth in Asia-Oceania From 2016 to 2021 By Value (USD Million)
Figure 36 Passenger Car Lighting Market to Have Highest Growth in Europe From 2016 to 2021 By Value (USD Million)
Figure 37 LCV Lighting Market to Grow the Highest in North America From 2016 to 2021 By Value (USD Million)
Figure 38 Passenger Car Lighting Market to Grow Highest in RoW From 2016 to 2021 By Value (USD Million)
Figure 39 China Highest Growing Market for Automotive Lighting, From 2016 to 2021
Figure 40 China to Grow Highest in Asia-Oceania Automotive Lighting Market By 2021
Figure 41 Germany Holds Largest Market Share in European Automotive Market From 2016-2021
Figure 42 Headlight Levelling to Be the Fastest-Growing Front Adaptive Lighting Function
Figure 43 North America to Be the Fastest-Growing Market for the Auto-On/Off Function
Figure 44 Europe to Be the Largest Market for Bending/Curve Lights By 2021
Figure 45 Asia-Oceania to Be the Largest Market for Cornering Lights By 2021
Figure 46 North America to Be the Second-Largest Market for High Beam Assist By 2021
Figure 47 North America to Be the Fastest-Growing Market for the Headlight Leveling Function
Figure 48 Asia-Oceania to Be the Fastest-Growing Market for Rear Adaptive Lighting
Figure 49 Asia-Oceania to Be the Fastest-Growing Market for Ambient Lighting
Figure 50 Two-Wheeler Lighting Market, 2016-2021 By Value
Figure 51 Two-Wheeler Market Size, 2016-2021
Figure 52 Asia-Oceania Estimated to Have the Largest Market Share in 2016 By Value
Figure 53 Companies Adopted New Product Development and Launch as the Key Growth Strategy During 2011 to 2016
Figure 54 Magneti Marelli Grew at the Highest CAGR From 2008 to 2013
Figure 55 Market Evolution Framework - Expansions and New Product Development Boosted Market Growth From 2013 to 2016
Figure 56 Region-Wise Revenue Mix of Top 4 Players
Figure 57 Hella KGAA Hueck & Co.: Company Snapshot
Figure 58 Hella KGAA Hueck & Co.: SWOT Analysis
Figure 59 Magneti Marelli: Company Snapshot
Figure 60 Magneti Marelli: SWOT Analysis
Figure 61 Koito Manufacturing Co. Ltd.: Company Snapshot
Figure 62 Koito Manufacturing Co. Ltd.: SWOT Analysis
Figure 63 Stanley Electric Co. Ltd.: Company Snapshot
Figure 64 Stanley Electric Co. Ltd.: SWOT Analysis
Figure 65 Valeo S.A.: Company Snapshot
Figure 66 Valeo S.A.: SWOT Analysis
Figure 67 Osram GmbH: Company Snapshot
Figure 68 General Electric: Company Snapshot
Figure 69 Ichikoh Industries Ltd.: Company Snapshot
Figure 70 Hyundai Mobis: Company Snapshot
Figure 71 Koninklijke Philips N.V.: Company Snapshot
Figure 72 Knowledge Store Snapshot
Figure 73 Knowledge Store: Automotive & Transportation Industry Snapshot

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

**Product Name:** Lighting Market for Automotive by Technology, Position, Adaptive Front, Two-Wheeler, Vehicle Type, & by Region - Forecast to 2021
**Web Address:** http://www.researchandmarkets.com/reports/3668937/
**Office Code:** SCPLR4HF

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World