

# Automotive Adaptive Lighting System Market to Reach \$2.83 Billion with 10% CAGR Forecast to 2020

*Wiseguyreports.Com Adds "Automotive Adaptive Lighting System Market - GLOBAL Industry Analysis, Size, Share, Growth, Trends and Forecast 2015 - 2020"*

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## Summary

The [Adaptive Lighting System](#) is designed to provide an optimized vision to the driver during nighttime and poor-sight conditions such as rain, snow etc. This system works on the principle of adapting the headlight angle and intensity by judging the speed of the car, yaw and tilt rate of the car, steering wheel angle and weather condition.

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The market for adaptive lighting system is estimated to touch \$2.83 billion by 2020 with an estimated CAGR of 10% over the forecasted period. Asia-Pacific region is expected to become the major market for the manufacture of these systems with India and China stepping ahead towards becoming automotive component manufactures hubs and sourcing to countries such as US and Germany. Koito Manufacturing Co. Ltd, Adaptive Lighting, ZKW Group and HELLA KGaA Hueck & Co. are some of the key players in the manufacture of these systems. Magneti Marelli came up with the new technology of Adaptive Rear Lamp system (ARS), which works on a similar principle as that of front lamps, but to adjust the tail lamp intensity, based on the brake force and even for the adaptive reverse motion function. OSRAM GmbH has been working on the lighting systems for AFS assembly and came up with the high-power compact LEDs, which are now a component of the AFS in the new CLS class of Mercedes. BMW recently has developed its own adaptive lighting system and launched the new 5 series, employing this technology. The overall market for Adaptive lighting system looks very favorable with many mid to high-end passenger car manufacturers seeking for better driver assistance systems.

Highest fatal traffic accident rates on curved roads and limited maneuverability of the static head light systems are the major drivers propelling the global adaptive lighting system market. Restrictions on Xenon lamps in some countries such as India, high cost of R&D and unorganized

aftermarket dominated by local players, are a major concern for the market. However, development of latest High Intensity Discharge (HID) projector lamp systems, improved sensor technology, major players partnering with domestic players and booming automobile passenger vehicle segment are expected to create a major opportunity for investment in the sector.

Keeping the passengers safe and providing the driver a world class driving experience had become the main agenda of the middle-high end passenger car manufacturers. Starting from ABS, EBS to the present day Auto-Cruise control systems, automotive manufacturers made their search for advanced driver assistance systems a prime target. Adaptive lighting system, also called the automotive adaptive front-lighting system (AFS) is one such effort as a part of active safety system (ASS). This head light assembly involves a set of sophisticated parts including a rotating headlamp and high-end sensor systems, which are operated by a master controller. The market was segmented based on the latest technologies, by component type, by assembly position and by geography.

Why buy this report?

This report on automotive adaptive lighting systems, analyzes the current market trends on a global and region scale in detail.

This report offers the technical aspects and economic data of the market and its forecast to the next 5 years (2015-2020).

It also discusses the latest technologies in the automotive lighting systems that are under development and in research pipeline.

This report provides the list of major players in the market and gives an in depth analyst perspective of what makes the products and strategies of these players stand out from the pack.

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Table of Contents

## 1. INTRODUCTION

### 1.1 Research Methodology

### 1.2 Objectives

### 1.3 Report Description

## 2. KEY FINDINGS OF THE STUDY

## 3. MARKET OVERVIEW

### 3.1 Introduction

### 3.2 New Developments in R&D/ Latest Technologies

## 4. MARKET DYNAMICS

### 4.1 Drivers

### 4.2 Constraints

### 4.3 Opportunities

### 4.4 Porter's Five Forces Analysis

.....

## 7. KEY PLAYERS (Overview, Strategies, Developments, Analyst Perspective)

### 7.1 Adaptive Lighting

### 7.2 General Electric Company

### 7.3 HELLA KGaA Hueck & Co.

### 7.4 Hyundai Mobis

### 7.5 Ichikoh Industries, Ltd

### 7.6 Koito Manufacturing Co. Ltd

### 7.7 Koninklijke Philips N.V.

### 7.8 Magneti Marelli S.P.A

### 7.9 Stanley Electric Co. Ltd

### 7.10 Valeo S.A.

### 7.11 Zizala Lichtsysteme GmbH (ZKW Group)

## 9. List of Tables

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Norah Trent

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+1 646 845 9349 / +44 208 133 9349

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