

# Research Report on Automobile Headlamp Industry in China, 2018-2022

<https://marketpublishers.com/r/R8DD9E3C449EN.html>

Date: January 2018

Pages: 40

Price: US\$ 2,400.00 (Single User License)

ID: R8DD9E3C449EN

## Abstracts

### Description

Headlamps refer to lighting devices that are installed in both sides of the automobile head and are used for night driving. Since the lighting effect of automobile headlamps has a direct influence on operations and safety of night driving, traffic administrative departments in different countries generally specify lighting standards of headlamps in legal format in order to ensure safety of night driving.

The light of automobile headlamps usually presents white or warm yellow. Initially, incandescent lamps and halogen lamps were used as lighting sources. Since 1990s, incandescent lamps have gradually been wiped out. Instead, high-intensity discharge lamps represented as xenon lamps emerged and became mainstream products along with halogen lamps. Technological progress has contributed to emergence of LED headlamps and laser headlamps. Currently, automobile headlamps are developing towards high direction, high brightness, low energy consumption and intelligence.

CRI claims that automobile LED headlamps are priced much higher than halogen lamps and even HID lamps because of high costs. In Chinese market, middle and low-end vehicle models are most popular, retail prices of which are often below CNY 150,000 (USD 23,000). From a short-term perspective, LED headlamps cannot dominate the automobile market in China. In 2017, the production volume of halogen automobile lamps exceeded 40 million in China, which was nearly 3 times as large as that of HID lamps and LED lamps, being 14 million and 10 million respectively.

Difficulties in prevalence of automobile LED headlamps are mainly attributable to product development and high production costs. Given that automobile headlamps have

high requirements on heat dissipation, reliability and luminosity, international LED manufacturers, such as Nichia, Osram and Philips, are more widely recognized by automobile manufacturers. Chinese domestic manufacturers are unlikely to compete with them. Meanwhile, domestic LED lamp enterprises have no choice but to separately develop LED headlamps as a result of lacking collaboration with whole-vehicle manufacturers. Scarce experience in tests of whole-vehicle manufacturers leads to high barriers for these domestic enterprises to exploit the market.

According to CRI, although high costs and some other factors prohibit LED headlamps from prevailing in Chinese market for the time being, rising income of Chinese residents in addition to progress of LED technologies and reduction of costs are expected to facilitate development of LED headlamps in China.

In the long run, laser diodes possess stronger potential than LED in the automobile lighting market and they may well surpass LED in the near future. Despite power being reduced by half in comparison with LED, a laser diode headlamp can still generate 1,000 times the luminous intensity of the LED. Also, its size is only one hundredth of the LED. In addition, a laser diode is relatively thin, thereby requiring small space for installation. Reduced glare is conducive to lighting effect in foggy days.

It is estimated that laser diode headlamps will be applied to new-type limousines in China around 2020 while LED headlamps will be more often used in ordinary automobiles. As time goes by, halogen lamps and HID lamps will each exhibit a shrinking market.

CRI analyzes that China has been the largest automobile manufacturer and the largest distributor of new automobiles for 9 years from 2009 to 2017. The production volume of automobiles exceeded 29 million in China in 2017. By the end of 2017, the automobile reserve volume exceeded 200 million in China. However, the automobile reserve volume per capita was less than 200 per one thousand people, lagging behind developed countries. In this case, China's automobile market is expected to continuously grow in the following decades. For relevant enterprises in the automobile headlamp industry chain, there are abundant opportunities in the Chinese market.

Readers can obtain the following information or more through this report:

Economic and Policy Environment of Automobile Headlamp Industry in China

Development Status of Auto Industry in China

Supply and Demand of Automobile Headlamps in China

Competition in Automobile Headlamp Market

Major Automobile Headlamp Manufacturers

Production Cost and Price Trend of Automobile Headlamps

Driving Forces and Market Opportunities in Automobile Headlamp Industry,  
2018-2022

Risks and Challenges Faced by Automobile Headlamp Industry, 2018-2022

Forecast on Supply and Demand of Automobile Headlamps, 2018-2022

## Contents

### **1 BASIC CONCEPT OF AUTOMOBILE HEADLAMP INDUSTRY**

- 1.1 Definition of Automobile Headlamps
- 1.2 Classification of Automobile Headlamps
  - 1.2.1 Halogen Lamp
  - 1.2.2 High-Intensity Discharge (HID) Lamp
  - 1.2.3 LED Lamp
  - 1.2.4 Laser Lamp
- 1.3 Development Process of Automobile Headlamps
- 1.4 Constitution of Automobile Headlamps

### **2 DEVELOPMENT ENVIRONMENT OF AUTOMOBILE HEADLAMP INDUSTRY IN CHINA, 2017-2022**

- 2.1 Economic Environment
- 2.2 Policy Environment of Automobile Headlamp Industry in China
- 2.3 Market Environment of Automobile Headlamp Industry in China
  - 2.3.1 Auto Industry in China
  - 2.3.2 Global and Chinese Automobile Lamp Market

### **3 ANALYSIS ON AUTOMOBILE HEADLAMP MARKET IN CHINA, 2012-2017**

- 3.1 Halogen Headlamp Market
  - 3.1.1 Supply Status
  - 3.1.2 Demand Status of Halogen Lamps in China
- 3.2 HID Headlamp Market
  - 3.2.1 Supply Status
  - 3.2.2 Demand Status of HID Lamps in China
- 3.3 LED Headlamp Market
  - 3.3.1 Supply Status
  - 3.3.2 Demand Status of LED Lamps in China
- 3.4 Laser Lamp Market

### **4 DEVELOPMENT STATUS OF AUTOMOBILE LED HEADLAMP MARKET**

- 4.1 Development Process of Automobile LED Headlamp Market
- 4.2 Constitution of Automobile LED Headlamp Industry Chain

- 4.3 Driving Forces and Market Opportunities in Automobile LED Headlamp Industry
- 4.4 Risks and Challenges Faced by Automobile LED Headlamp Industry

## **5 GLOBAL AUTOMOBILE HEADLAMP MANUFACTURERS, 2017-2018**

- 5.1 KOITO
- 5.2 HELLA
- 5.3 Magneti Marelli
- 5.4 Cnlight
- 5.5 Stanley
- 5.6 Valeo
- 5.7 Klarheit
- 5.8 ICHIKOH
- 5.9 ZKW
- 5.10 SL Corporation

## **6 ANALYSIS ON COMPETITION IN AUTOMOBILE HEADLAMP INDUSTRY, 2017-2018**

- 6.1 Barriers to Entry in Automobile Headlamp Industry
  - 6.1.1 Capital Barriers
  - 6.1.2 Technological Barriers
  - 6.1.3 Channel Barriers
- 6.2 Competition Structure of Automobile Headlamp Industry
  - 6.2.1 Analysis on Bargaining Power of Raw Material Suppliers
  - 6.2.2 Analysis on Bargaining Power of Clients
  - 6.2.3 Analysis on Competition inner the Industry
  - 6.2.4 Analysis on Potential Entrants
  - 6.2.5 Analysis on Substitutes of Automobile Headlamps

## **7 PROSPECT OF AUTOMOBILE HEADLAMP INDUSTRY IN CHINA, 2018-2022**

- 7.1 Halogen Headlamp
  - 7.1.1 Forecast on Production Volume of Halogen Headlamps
  - 7.1.2 Forecast on Demand for Halogen Headlamps
- 7.2 HID Headlamp Market
  - 7.2.1 Forecast on Production Volume of HID Headlamps
  - 7.2.2 Forecast on Demand for HID Headlamps
- 7.3 LED Headlamps

- 7.3.1 Forecast on Production Volume of LED Headlamps
- 7.3.2 Forecast on Demand for LED Headlamps
- 7.4 Market Forecast on Laser Lamps

## Selected Charts

### SELECTED CHARTS

Chart Production and Sales Volume of Automobiles in China, 2012-2017  
Chart Automobile Reserve Volume in China, 2012-2017  
Chart China's GDP, 2012-2017  
Chart Disposable Income Per Capita in China, 2012-2017  
Chart Total Retail Sales of Consumer Goods in China, 2012-2017  
Chart Major Standards in Automobile Headlamp Industry in China  
Chart Major Policies of Automobile Headlamp Industry in China  
Chart Production Volume of Halogen Automobile Lamps in China, 2012-2017  
Chart Total Sales Volume of Halogen Automobile Lamps in China, 2012-2017  
Chart Market Size of Halogen Automobile Lamps in China, 2012-2017  
Chart Sales Volume of HID Lamps in China (millions of sets), 2012-2017  
Chart Market Size of HID Lamps in China, 2012-2017  
Chart Sales Volume of Automobile LED Lamps in China, 2012-2016  
Chart Market Size of Automobile LED Lamps in China, 2012-2016  
Chart Industry Chain of Automobile LED Lamps  
Chart Major Light Source Suppliers of LED Lamps in China  
Chart Major Assembly Suppliers of LED Lamps in China  
Chart Forecast on Global Production Volume of Automobiles, 2018-2022  
Chart Forecast on Production Volume of Automobiles in China, 2018-2022  
Chart Forecast on Production Volume of Automobile Headlamps in China, 2018-2022  
Chart Forecast on Production Volume of Halogen Headlamps in China, 2018-2022  
Chart Forecast on Market Size of Halogen Headlamps in China, 2018-2022  
Chart Forecast on Production Volume of HID Headlamps in China, 2018-2022  
Chart Forecast on Market Size of HID Headlamps in China, 2018-2022  
Chart Forecast on Production Volume of LED Headlamps in China, 2018-2022  
Chart Forecast on Market Size of LED Headlamps in China, 2018-2022  
Chart Forecast on Market Size of Laser Lamps in China, 2018-2022

## I would like to order

Product name: Research Report on Automobile Headlamp Industry in China, 2018-2022

Product link: <https://marketpublishers.com/r/R8DD9E3C449EN.html>

Price: US\$ 2,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/R8DD9E3C449EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970