

# Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) LED Secondary Optic Market 2017 Forecast to 2022

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## Abstracts

Secondary optics are those optics which exist outside of the LED package, such as reflector, TIR lenses, Fresnel lenses, and pillow lenses. Secondary optics are used to create the desired appearance and beam pattern of the LED signal lamp.

Scope of the Report:

This report focuses on the LED Secondary Optic in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

Ledlink Optics

Carclo Optics

Auer Lighting

LEDIL Oy

FRAEN Corporation

GAGGIONE (Lednlight)

Bicom Optics

Darkoo Optics

Aether systems Inc

B&M Optics Co., Ltd

ShenZhen Likeda Optical

HENGLI Optical

Brightlx Limited

Kunrui optical

FORTECH

Chun Kuang Optics

Wuxi Kinglux Glass Lens

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Reflector

LED Secondary Lens

Other

Market Segment by Applications, can be divided into

Street Lighting

Commercial Lighting

Architectural Lighting

Indoor Lighting

Automotive Lighting

Other

There are 15 Chapters to deeply display the global LED Secondary Optic market.

Chapter 1, to describe LED Secondary Optic Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of LED Secondary Optic, with sales, revenue, and price of LED Secondary Optic, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of LED Secondary Optic, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share

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and growth rate by type, application, from 2012 to 2017;

Chapter 12, LED Secondary Optic market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe LED Secondary Optic sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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