

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Photochromic Lenses Market 2018, Forecast to 2023

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Abstracts

Photochromic lenses are lenses that change their color when exposed to sunlight. These lenses were invented to improve ocular health of patients as they block excess UV rays when exposed to sun but function as a normal spectacle while indoors. UV light activates the lens technology to transform the lenses from clear to dark, and a range of tint in-between. The lenses are fully clear indoors and at night, and when UV activated block 100% of UVA and UVB rays.

SCOPE OF THE REPORT:

This report focuses on the Photochromic Lenses 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. The photochromic lenses industry is high concentration, the key brand in USA include Essilor (Transitions Optical), Carl Zeiss, Vision Ease, Rodenstoc, Corning, Hoya Vision, etc. Essilor (Transitions Optical) possesses monopoly power in the relevant market. Transitions' share of the relevant market has been at least 80 percent during each of the past five years. In 2016, Transitions' market share was over 83 percent. Significant and lasting barriers make entry into the photochromic lenses market difficult. These barriers include, but are not limited to: (i) product development costs; (ii) capital requirements; (iii) intellectual property rights; (iv) regulatory requirement; and (v) Transitions' unfair methods of competition. There are no close substitutes for photochromic lenses, and no other product significantly constrains the prices of photochromic lenses. Photochromic lenses have characteristics and uses distinct from those of clear corrective ophthalmic lenses, polarized lenses (which are designed to remove glare), or fixed-tint lenses (e.g.,

prescription sunglasses).

The worldwide market for Photochromic Lenses is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Essilor (Transitions Optical)

Carl Zeiss

Vision Ease

Rodenstoc

Corning

Hoya Vision

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

Market Segment by Type, covers

Glass

Standard Plastic (1.53 Coat and Uncoat)

Mid-Index Plastic (1.53 to 1.65)

High-Index Plastic (Above 1.65)

Polycarbonate

Market Segment by Applications, can be divided into

Children

Outdoor Activities

People with Light Sensitivity

Other

There are 15 Chapters to deeply display the global Photochromic Lenses market.

Chapter 1, to describe Photochromic Lenses Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Photochromic Lenses, with sales, revenue, and price of Photochromic Lenses, 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 Photochromic Lenses, for each region, from 2013 to 2018;

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 and growth rate by type, application, from 2013 to 2018;

Chapter 12, Photochromic Lenses market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Photochromic Lenses sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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