

# 2018-2023 Global Diffractive Optical Elements Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Diffractive Optical Elements market for 2018-2023.

This report studies the Diffractive Optical Elements market, Diffractive optical elements, DOEs, were designed for applications with lasers and high-power lasers. Used as multi-spot beam splitters, in beam shaping, and beam profile modification, such elements offer endless possibilities in different application fields.

Diffractive optical element uses a thin micro structure pattern to alter the phase of the light propagated through it. When a laser beam is transmitted through a diffractive optical element (DOE), it can be transformed into an almost arbitrary light pattern in the observation plane.

Currently, there are many producing companies in the world. The main market players are Jenoptik, Holo/Or Ltd., HORIBA, Newport Corporation, Zeiss, Shimadzu Corporation, Edmund Optics, Lightsmyth (Finisar), Optometrics (Dynasil), Kaiser Optical Systems and so on.

USA is the largest consumption regions of Diffractive Optical Element, with a revenue market share nearly 35.21% in 2016.

The second place is Europe; following USA with the revenue market share over 22.89% in 2016.

Over the next five years, LPI(LP Information) projects that Diffractive Optical Elements will register a 4.5% CAGR in terms of revenue, reach US\$ 680 million by 2023, from US\$ 520 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Diffractive Optical Elements market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Beam Shaping / Top-Hat

Beam Splitting

Beam Foci

Segmentation by application:

Laser Material Processing

Medical

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Jenoptik

Holo/Or Ltd.

HORIBA

Newport Corporation

Zeiss

Shimadzu Corporation

Edmund Optics

Lightsmyth (Finisar)

Optometrics (Dynasil)

Kaiser Optical Systems

SUSS MicroTec AG.

Photop Technologies

Wasatch Photonics

Headwall Photonics

Plymouth Grating Lab

Spectrogon AB

RPC Photonics

SILIOS Technologies

## GratingWorks

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

### Research objectives

To study and analyze the global Diffractive Optical Elements consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Diffractive Optical Elements market by identifying its various subsegments.

Focuses on the key global Diffractive Optical Elements manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Diffractive Optical Elements with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Diffractive Optical Elements submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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