

Beam Shaping Elements Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/BE1E6E47D6E9EN.html>

Date: February 2022

Pages: 116

Price: US\$ 3,250.00 (Single User License)

ID: BE1E6E47D6E9EN

Abstracts

The beam shaping element is a diffractive optical element (DOE) used to transform a near-gaussian incident laser beam into a uniform-intensity spot of either round, rectangular, square, line or other shape with sharp edges in a specific work plane.

A uniform spot enables equal treatment to a surface, excluding over/under-exposure of specific areas. In addition, the spot is characterized by a sharp transition region that creates a clear border between the treated and untreated area.

This report contains market size and forecasts of Beam Shaping Elements in global, including the following market information:

Global Beam Shaping Elements Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Beam Shaping Elements Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Beam Shaping Elements companies in 2021 (%)

The global Beam Shaping Elements market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Single Mode Lasers Shaping Elements Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Beam Shaping Elements include Jenoptik, Holo/Or Ltd., HORIBA, Newport Corporation, Zeiss, Shimadzu Corporation, Edmund Optics, Lightsmyth (Finisar) and Optometrics (Dynasil), etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Beam Shaping Elements manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Beam Shaping Elements Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Beam Shaping Elements Market Segment Percentages, by Type, 2021 (%)

Single Mode Lasers Shaping Elements

Multimode Lasers Shaping Elements

Global Beam Shaping Elements Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Beam Shaping Elements Market Segment Percentages, by Application, 2021 (%)

Laser Material Processing

Aesthetic Treatments

Others

Global Beam Shaping Elements Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Beam Shaping Elements Market Segment Percentages, By Region and Country,

2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Beam Shaping Elements revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Beam Shaping Elements revenues share in global market, 2021 (%)

Key companies Beam Shaping Elements sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Beam Shaping Elements sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

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

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