+357 96 030922
info@marketpublishers.com

Global Electroluminescent (EL) Phosphors Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/G82C342F9040EN.html
Date: April 2026
Pages: 95
Price: US$ 4,480.00 (Single User License)
ID: G82C342F9040EN

Abstracts

The global Electroluminescent (EL) Phosphors market size is expected to reach $ 10.36 million by 2032, rising at a market growth of 7.0% CAGR during the forecast period (2026-2032).

In 2025, global Electroluminescent (EL) Phosphors production reached approximately 5.46 tons, with an average global market price of around US$1,154 per kilogram. Electroluminescent (EL) phosphor is an inorganic powder luminescent material that directly converts electrical energy into light energy. Its luminescent colors mainly include blue, green, orange, and transitional colors of the above colors. It can be widely used in AC and DC electroluminescent devices such as EL glass screens, EL enamel screens, EL plastic screens, and EL wires.

The global electroluminescent phosphors market is in a phase of steady growth within niche applications, fundamentally driven by material performance optimization and continuous expansion into emerging application scenarios. The current market landscape features a concentrated competitive structure dominated by specialized players such as Leuchtstoffwerk Breitungen GmbH and China Keyan Optoelectronics possessing core material formulation capabilities, with product portfolios encompassing blue, green, orange and white variants to address differentiated application requirements. Development trends point decisively toward enhanced luminous efficiency and improved stability, with the industry actively pursuing performance breakthroughs through material composition optimization and preparation process refinement, while applications extend from traditional EL panels and EL wires toward diversified scenarios including automotive instrument backlighting, advertising displays, and consumer electronics. Growth opportunities arise from global advancements in flexible display technology, proliferation of smart wearable devices, and increasing

+357 96 030922
info@marketpublishers.com

demand for nighttime safety identification, alongside emerging market industrialization driving basic material consumption. However, market expansion faces significant barriers including high technical thresholds for inorganic phosphor materials, extended new product development cycles with substantial R&D investment requirements, competitive pressure from alternative technologies including OLED and quantum dots, and operational risks from upstream rare earth raw material price volatility, collectively representing hurdles that sustainable market expansion must overcome.

This report studies the global Electroluminescent (EL) Phosphors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Electroluminescent (EL) Phosphors and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Electroluminescent (EL) Phosphors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Electroluminescent (EL) Phosphors total production and demand, 2021-2032, (Kg)

Global Electroluminescent (EL) Phosphors total production value, 2021-2032, (USD Million)

Global Electroluminescent (EL) Phosphors production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kg), (based on production site)

Global Electroluminescent (EL) Phosphors consumption by region & country, CAGR, 2021-2032 & (Kg)

U.S. VS China: Electroluminescent (EL) Phosphors domestic production, consumption, key domestic manufacturers and share

Global Electroluminescent (EL) Phosphors production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kg)

+357 96 030922
info@marketpublishers.com

Global Electroluminescent (EL) Phosphors production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kg)

Global Electroluminescent (EL) Phosphors production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kg)

This report profiles key players in the global Electroluminescent (EL) Phosphors market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Leuchtstoffwerk Breitungen GmbH, Shanghai Keyan Phosphor Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Electroluminescent (EL) Phosphors market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Kg) and average price (US$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Electroluminescent (EL) Phosphors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

+357 96 030922
info@marketpublishers.com

India

Rest of World

Global Electroluminescent (EL) Phosphors Market, Segmentation by Type:

Blue EL Phosphors

Green EL Phosphors

Orange EL Phosphors

White EL Phosphors

Global Electroluminescent (EL) Phosphors Market, Segmentation by Brightness:

Standard

High Bright

Global Electroluminescent (EL) Phosphors Market, Segmentation by Application:

EL Panels

EL Wires

Others

Companies Profiled:

Leuchtstoffwerk Breitungen GmbH

Shanghai Keyan Phosphor Technology

+357 96 030922
info@marketpublishers.com

Key Questions Answered:

1. How big is the global Electroluminescent (EL) Phosphors market?
2. What is the demand of the global Electroluminescent (EL) Phosphors market?
3. What is the year over year growth of the global Electroluminescent (EL) Phosphors market?
4. What is the production and production value of the global Electroluminescent (EL) Phosphors market?
5. Who are the key producers in the global Electroluminescent (EL) Phosphors market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

4 UNITED STATES VS CHINA VS REST OF THE WORLD

+357 96 030922
info@marketpublishers.com

5 MARKET ANALYSIS BY TYPE

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

Table 82. Electroluminescent (EL) Phosphors Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Electroluminescent (EL) Phosphors Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/G82C342F9040EN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G82C342F9040EN.html