

Global Long Afterglow Phosphors Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Long Afterglow Phosphors market size was valued at US\$ 52.56 million in 2025 and is forecast to a readjusted size of US\$ 73.2 million by 2032 with a CAGR of 4.9% during review period.

Long afterglow phosphors, also known as persistent luminescent phosphors, are a special type of fluorescent material that can continue to emit light for a period of time after the external excitation source (such as ultraviolet light or visible light) stops. They can maintain light for a period of time after the excitation stops, until the energy of the light disappears completely. This characteristic makes long afterglow phosphors widely used in luminous materials, emergency lighting, signs and markings, decoration and other fields.

This report is a detailed and comprehensive analysis for global Long Afterglow Phosphors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Long Afterglow Phosphors market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Long Afterglow Phosphors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Long Afterglow Phosphors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Long Afterglow Phosphors market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Long Afterglow Phosphors

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Long Afterglow Phosphors market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NICHIA, Mitsubishi Chemical Corporation, Intematix Corporation, Tokyo Kagaku Kenkyusho, OSRAM AG, Nemoto, Jiangmen Kanhoo Industry, Guangzhou Zhujiang Optonix New Material, Jiangsu Bree Optronics, Grirem Advanced Materials, etc.

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

Market Segmentation

Long Afterglow Phosphors market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Zinc Sulfide

Bauxite

Yttrium-Based

Other

Market segment by Application

Lighting

Traffic Signs

Electronic Products

Other

Major players covered

NICHIA

Mitsubishi Chemical Corporation

Intematix Corporation

Tokyo Kagaku Kenkyusho

OSRAM AG

Nemoto

Jiangmen Kanhoo Industry

Guangzhou Zhujiang Optonix New Material

Jiangsu Bree Optronics

Grirem Advanced Materials

China Minmetals

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Long Afterglow Phosphors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Long Afterglow Phosphors, with price, sales quantity, revenue, and global market share of Long Afterglow Phosphors from 2021 to 2026.

Chapter 3, the Long Afterglow Phosphors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Long Afterglow Phosphors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Long Afterglow Phosphors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Long Afterglow Phosphors.

Chapter 14 and 15, to describe Long Afterglow Phosphors sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Long Afterglow Phosphors Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Zinc Sulfide

1.3.3 Bauxite

1.3.4 Yttrium-Based

1.3.5 Other

1.4 Market Analysis by Application

1.4.1 Overview: Global Long Afterglow Phosphors Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.4.2 Lighting

1.4.3 Traffic Signs

1.4.4 Electronic Products

1.4.5 Other

1.5 Global Long Afterglow Phosphors Market Size & Forecast

1.5.1 Global Long Afterglow Phosphors Consumption Value (2021 & 2025 & 2032)

1.5.2 Global Long Afterglow Phosphors Sales Quantity (2021-2032)

1.5.3 Global Long Afterglow Phosphors Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 NICHIA

2.1.1 NICHIA Details

2.1.2 NICHIA Major Business

2.1.3 NICHIA Long Afterglow Phosphors Product and Services

2.1.4 NICHIA Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 NICHIA Recent Developments/Updates

2.2 Mitsubishi Chemical Corporation

2.2.1 Mitsubishi Chemical Corporation Details

2.2.2 Mitsubishi Chemical Corporation Major Business

2.2.3 Mitsubishi Chemical Corporation Long Afterglow Phosphors Product and Services

2.2.4 Mitsubishi Chemical Corporation Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Mitsubishi Chemical Corporation Recent Developments/Updates

2.3 Intematix Corporation

2.3.1 Intematix Corporation Details

2.3.2 Intematix Corporation Major Business

2.3.3 Intematix Corporation Long Afterglow Phosphors Product and Services

2.3.4 Intematix Corporation Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Intematix Corporation Recent Developments/Updates

2.4 Tokyo Kagaku Kenkyusho

2.4.1 Tokyo Kagaku Kenkyusho Details

2.4.2 Tokyo Kagaku Kenkyusho Major Business

2.4.3 Tokyo Kagaku Kenkyusho Long Afterglow Phosphors Product and Services

2.4.4 Tokyo Kagaku Kenkyusho Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Tokyo Kagaku Kenkyusho Recent Developments/Updates

2.5 OSRAM AG

2.5.1 OSRAM AG Details

2.5.2 OSRAM AG Major Business

2.5.3 OSRAM AG Long Afterglow Phosphors Product and Services

2.5.4 OSRAM AG Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 OSRAM AG Recent Developments/Updates

2.6 Nemoto

2.6.1 Nemoto Details

2.6.2 Nemoto Major Business

2.6.3 Nemoto Long Afterglow Phosphors Product and Services

2.6.4 Nemoto Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Nemoto Recent Developments/Updates

2.7 Jiangmen Kanhoo Industry

2.7.1 Jiangmen Kanhoo Industry Details

2.7.2 Jiangmen Kanhoo Industry Major Business

2.7.3 Jiangmen Kanhoo Industry Long Afterglow Phosphors Product and Services

2.7.4 Jiangmen Kanhoo Industry Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Jiangmen Kanhoo Industry Recent Developments/Updates

2.8 Guangzhou Zhujiang Optonix New Material

- 2.8.1 Guangzhou Zhujiang Optonix New Material Details
- 2.8.2 Guangzhou Zhujiang Optonix New Material Major Business
- 2.8.3 Guangzhou Zhujiang Optonix New Material Long Afterglow Phosphors Product and Services
- 2.8.4 Guangzhou Zhujiang Optonix New Material Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.8.5 Guangzhou Zhujiang Optonix New Material Recent Developments/Updates
- 2.9 Jiangsu Bree Optronics
 - 2.9.1 Jiangsu Bree Optronics Details
 - 2.9.2 Jiangsu Bree Optronics Major Business
 - 2.9.3 Jiangsu Bree Optronics Long Afterglow Phosphors Product and Services
 - 2.9.4 Jiangsu Bree Optronics Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.9.5 Jiangsu Bree Optronics Recent Developments/Updates
- 2.10 Griem Advanced Materials
 - 2.10.1 Griem Advanced Materials Details
 - 2.10.2 Griem Advanced Materials Major Business
 - 2.10.3 Griem Advanced Materials Long Afterglow Phosphors Product and Services
 - 2.10.4 Griem Advanced Materials Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.10.5 Griem Advanced Materials Recent Developments/Updates
- 2.11 China Minmetals
 - 2.11.1 China Minmetals Details
 - 2.11.2 China Minmetals Major Business
 - 2.11.3 China Minmetals Long Afterglow Phosphors Product and Services
 - 2.11.4 China Minmetals Long Afterglow Phosphors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.11.5 China Minmetals Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: LONG AFTERGLOW PHOSPHORS BY MANUFACTURER

- 3.1 Global Long Afterglow Phosphors Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Long Afterglow Phosphors Revenue by Manufacturer (2021-2026)
- 3.3 Global Long Afterglow Phosphors Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Long Afterglow Phosphors by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Long Afterglow Phosphors Manufacturer Market Share in 2025

- 3.4.3 Top 6 Long Afterglow Phosphors Manufacturer Market Share in 2025
- 3.5 Long Afterglow Phosphors Market: Overall Company Footprint Analysis
 - 3.5.1 Long Afterglow Phosphors Market: Region Footprint
 - 3.5.2 Long Afterglow Phosphors Market: Company Product Type Footprint
 - 3.5.3 Long Afterglow Phosphors Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Long Afterglow Phosphors Market Size by Region
 - 4.1.1 Global Long Afterglow Phosphors Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Long Afterglow Phosphors Consumption Value by Region (2021-2032)
 - 4.1.3 Global Long Afterglow Phosphors Average Price by Region (2021-2032)
- 4.2 North America Long Afterglow Phosphors Consumption Value (2021-2032)
- 4.3 Europe Long Afterglow Phosphors Consumption Value (2021-2032)
- 4.4 Asia-Pacific Long Afterglow Phosphors Consumption Value (2021-2032)
- 4.5 South America Long Afterglow Phosphors Consumption Value (2021-2032)
- 4.6 Middle East & Africa Long Afterglow Phosphors Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Long Afterglow Phosphors Sales Quantity by Type (2021-2032)
- 5.2 Global Long Afterglow Phosphors Consumption Value by Type (2021-2032)
- 5.3 Global Long Afterglow Phosphors Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Long Afterglow Phosphors Sales Quantity by Application (2021-2032)
- 6.2 Global Long Afterglow Phosphors Consumption Value by Application (2021-2032)
- 6.3 Global Long Afterglow Phosphors Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Long Afterglow Phosphors Sales Quantity by Type (2021-2032)
- 7.2 North America Long Afterglow Phosphors Sales Quantity by Application (2021-2032)
- 7.3 North America Long Afterglow Phosphors Market Size by Country
 - 7.3.1 North America Long Afterglow Phosphors Sales Quantity by Country

(2021-2032)

7.3.2 North America Long Afterglow Phosphors Consumption Value by Country

(2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Long Afterglow Phosphors Sales Quantity by Type (2021-2032)

8.2 Europe Long Afterglow Phosphors Sales Quantity by Application (2021-2032)

8.3 Europe Long Afterglow Phosphors Market Size by Country

8.3.1 Europe Long Afterglow Phosphors Sales Quantity by Country (2021-2032)

8.3.2 Europe Long Afterglow Phosphors Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Long Afterglow Phosphors Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Long Afterglow Phosphors Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Long Afterglow Phosphors Market Size by Region

9.3.1 Asia-Pacific Long Afterglow Phosphors Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Long Afterglow Phosphors Consumption Value by Region

(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Long Afterglow Phosphors Sales Quantity by Type (2021-2032)

10.2 South America Long Afterglow Phosphors Sales Quantity by Application

(2021-2032)

10.3 South America Long Afterglow Phosphors Market Size by Country

10.3.1 South America Long Afterglow Phosphors Sales Quantity by Country

(2021-2032)

10.3.2 South America Long Afterglow Phosphors Consumption Value by Country

(2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Long Afterglow Phosphors Sales Quantity by Type

(2021-2032)

11.2 Middle East & Africa Long Afterglow Phosphors Sales Quantity by Application

(2021-2032)

11.3 Middle East & Africa Long Afterglow Phosphors Market Size by Country

11.3.1 Middle East & Africa Long Afterglow Phosphors Sales Quantity by Country

(2021-2032)

11.3.2 Middle East & Africa Long Afterglow Phosphors Consumption Value by Country

(2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Long Afterglow Phosphors Market Drivers

12.2 Long Afterglow Phosphors Market Restraints

12.3 Long Afterglow Phosphors Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Long Afterglow Phosphors and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Long Afterglow Phosphors
- 13.3 Long Afterglow Phosphors Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Long Afterglow Phosphors Typical Distributors
- 14.3 Long Afterglow Phosphors Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Long Afterglow Phosphors Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Long Afterglow Phosphors Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 3. NICHIA Basic Information, Manufacturing Base and Competitors

Table 4. NICHIA Major Business

Table 5. NICHIA Long Afterglow Phosphors Product and Services

Table 6. NICHIA Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 7. NICHIA Recent Developments/Updates

Table 8. Mitsubishi Chemical Corporation Basic Information, Manufacturing Base and Competitors

Table 9. Mitsubishi Chemical Corporation Major Business

Table 10. Mitsubishi Chemical Corporation Long Afterglow Phosphors Product and Services

Table 11. Mitsubishi Chemical Corporation Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 12. Mitsubishi Chemical Corporation Recent Developments/Updates

Table 13. Intematix Corporation Basic Information, Manufacturing Base and Competitors

Table 14. Intematix Corporation Major Business

Table 15. Intematix Corporation Long Afterglow Phosphors Product and Services

Table 16. Intematix Corporation Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 17. Intematix Corporation Recent Developments/Updates

Table 18. Tokyo Kagaku Kenkyusho Basic Information, Manufacturing Base and Competitors

Table 19. Tokyo Kagaku Kenkyusho Major Business

Table 20. Tokyo Kagaku Kenkyusho Long Afterglow Phosphors Product and Services

Table 21. Tokyo Kagaku Kenkyusho Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 22. Tokyo Kagaku Kenkyusho Recent Developments/Updates

Table 23. OSRAM AG Basic Information, Manufacturing Base and Competitors

Table 24. OSRAM AG Major Business

Table 25. OSRAM AG Long Afterglow Phosphors Product and Services

Table 26. OSRAM AG Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 27. OSRAM AG Recent Developments/Updates

Table 28. Nemoto Basic Information, Manufacturing Base and Competitors

Table 29. Nemoto Major Business

Table 30. Nemoto Long Afterglow Phosphors Product and Services

Table 31. Nemoto Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 32. Nemoto Recent Developments/Updates

Table 33. Jiangmen Kanhoo Industry Basic Information, Manufacturing Base and Competitors

Table 34. Jiangmen Kanhoo Industry Major Business

Table 35. Jiangmen Kanhoo Industry Long Afterglow Phosphors Product and Services

Table 36. Jiangmen Kanhoo Industry Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 37. Jiangmen Kanhoo Industry Recent Developments/Updates

Table 38. Guangzhou Zhujiang Optonix New Material Basic Information, Manufacturing Base and Competitors

Table 39. Guangzhou Zhujiang Optonix New Material Major Business

Table 40. Guangzhou Zhujiang Optonix New Material Long Afterglow Phosphors Product and Services

Table 41. Guangzhou Zhujiang Optonix New Material Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 42. Guangzhou Zhujiang Optonix New Material Recent Developments/Updates

Table 43. Jiangsu Bree Optronics Basic Information, Manufacturing Base and Competitors

Table 44. Jiangsu Bree Optronics Major Business

Table 45. Jiangsu Bree Optronics Long Afterglow Phosphors Product and Services

Table 46. Jiangsu Bree Optronics Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 47. Jiangsu Bree Optronics Recent Developments/Updates

Table 48. Grirem Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 49. Grirem Advanced Materials Major Business
Table 50. Grirem Advanced Materials Long Afterglow Phosphors Product and Services
Table 51. Grirem Advanced Materials Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 52. Grirem Advanced Materials Recent Developments/Updates
Table 53. China Minmetals Basic Information, Manufacturing Base and Competitors
Table 54. China Minmetals Major Business
Table 55. China Minmetals Long Afterglow Phosphors Product and Services
Table 56. China Minmetals Long Afterglow Phosphors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 57. China Minmetals Recent Developments/Updates
Table 58. Global Long Afterglow Phosphors Sales Quantity by Manufacturer (2021-2026) & (Tons)
Table 59. Global Long Afterglow Phosphors Revenue by Manufacturer (2021-2026) & (USD Million)
Table 60. Global Long Afterglow Phosphors Average Price by Manufacturer (2021-2026) & (US\$/Ton)
Table 61. Market Position of Manufacturers in Long Afterglow Phosphors, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 62. Head Office and Long Afterglow Phosphors Production Site of Key Manufacturer
Table 63. Long Afterglow Phosphors Market: Company Product Type Footprint
Table 64. Long Afterglow Phosphors Market: Company Product Application Footprint
Table 65. Long Afterglow Phosphors New Market Entrants and Barriers to Market Entry
Table 66. Long Afterglow Phosphors Mergers, Acquisition, Agreements, and Collaborations
Table 67. Global Long Afterglow Phosphors Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 68. Global Long Afterglow Phosphors Sales Quantity by Region (2021-2026) & (Tons)
Table 69. Global Long Afterglow Phosphors Sales Quantity by Region (2027-2032) & (Tons)
Table 70. Global Long Afterglow Phosphors Consumption Value by Region (2021-2026) & (USD Million)
Table 71. Global Long Afterglow Phosphors Consumption Value by Region (2027-2032) & (USD Million)
Table 72. Global Long Afterglow Phosphors Average Price by Region (2021-2026) & (US\$/Ton)

Table 73. Global Long Afterglow Phosphors Average Price by Region (2027-2032) & (US\$/Ton)

Table 74. Global Long Afterglow Phosphors Sales Quantity by Type (2021-2026) & (Tons)

Table 75. Global Long Afterglow Phosphors Sales Quantity by Type (2027-2032) & (Tons)

Table 76. Global Long Afterglow Phosphors Consumption Value by Type (2021-2026) & (USD Million)

Table 77. Global Long Afterglow Phosphors Consumption Value by Type (2027-2032) & (USD Million)

Table 78. Global Long Afterglow Phosphors Average Price by Type (2021-2026) & (US\$/Ton)

Table 79. Global Long Afterglow Phosphors Average Price by Type (2027-2032) & (US\$/Ton)

Table 80. Global Long Afterglow Phosphors Sales Quantity by Application (2021-2026) & (Tons)

Table 81. Global Long Afterglow Phosphors Sales Quantity by Application (2027-2032) & (Tons)

Table 82. Global Long Afterglow Phosphors Consumption Value by Application (2021-2026) & (USD Million)

Table 83. Global Long Afterglow Phosphors Consumption Value by Application (2027-2032) & (USD Million)

Table 84. Global Long Afterglow Phosphors Average Price by Application (2021-2026) & (US\$/Ton)

Table 85. Global Long Afterglow Phosphors Average Price by Application (2027-2032) & (US\$/Ton)

Table 86. North America Long Afterglow Phosphors Sales Quantity by Type (2021-2026) & (Tons)

Table 87. North America Long Afterglow Phosphors Sales Quantity by Type (2027-2032) & (Tons)

Table 88. North America Long Afterglow Phosphors Sales Quantity by Application (2021-2026) & (Tons)

Table 89. North America Long Afterglow Phosphors Sales Quantity by Application (2027-2032) & (Tons)

Table 90. North America Long Afterglow Phosphors Sales Quantity by Country (2021-2026) & (Tons)

Table 91. North America Long Afterglow Phosphors Sales Quantity by Country (2027-2032) & (Tons)

Table 92. North America Long Afterglow Phosphors Consumption Value by Country

(2021-2026) & (USD Million)

Table 93. North America Long Afterglow Phosphors Consumption Value by Country (2027-2032) & (USD Million)

Table 94. Europe Long Afterglow Phosphors Sales Quantity by Type (2021-2026) & (Tons)

Table 95. Europe Long Afterglow Phosphors Sales Quantity by Type (2027-2032) & (Tons)

Table 96. Europe Long Afterglow Phosphors Sales Quantity by Application (2021-2026) & (Tons)

Table 97. Europe Long Afterglow Phosphors Sales Quantity by Application (2027-2032) & (Tons)

Table 98. Europe Long Afterglow Phosphors Sales Quantity by Country (2021-2026) & (Tons)

Table 99. Europe Long Afterglow Phosphors Sales Quantity by Country (2027-2032) & (Tons)

Table 100. Europe Long Afterglow Phosphors Consumption Value by Country (2021-2026) & (USD Million)

Table 101. Europe Long Afterglow Phosphors Consumption Value by Country (2027-2032) & (USD Million)

Table 102. Asia-Pacific Long Afterglow Phosphors Sales Quantity by Type (2021-2026) & (Tons)

Table 103. Asia-Pacific Long Afterglow Phosphors Sales Quantity by Type (2027-2032) & (Tons)

Table 104. Asia-Pacific Long Afterglow Phosphors Sales Quantity by Application (2021-2026) & (Tons)

Table 105. Asia-Pacific Long Afterglow Phosphors Sales Quantity by Application (2027-2032) & (Tons)

Table 106. Asia-Pacific Long Afterglow Phosphors Sales Quantity by Region (2021-2026) & (Tons)

Table 107. Asia-Pacific Long Afterglow Phosphors Sales Quantity by Region (2027-2032) & (Tons)

Table 108. Asia-Pacific Long Afterglow Phosphors Consumption Value by Region (2021-2026) & (USD Million)

Table 109. Asia-Pacific Long Afterglow Phosphors Consumption Value by Region (2027-2032) & (USD Million)

Table 110. South America Long Afterglow Phosphors Sales Quantity by Type (2021-2026) & (Tons)

Table 111. South America Long Afterglow Phosphors Sales Quantity by Type (2027-2032) & (Tons)

Table 112. South America Long Afterglow Phosphors Sales Quantity by Application (2021-2026) & (Tons)

Table 113. South America Long Afterglow Phosphors Sales Quantity by Application (2027-2032) & (Tons)

Table 114. South America Long Afterglow Phosphors Sales Quantity by Country (2021-2026) & (Tons)

Table 115. South America Long Afterglow Phosphors Sales Quantity by Country (2027-2032) & (Tons)

Table 116. South America Long Afterglow Phosphors Consumption Value by Country (2021-2026) & (USD Million)

Table 117. South America Long Afterglow Phosphors Consumption Value by Country (2027-2032) & (USD Million)

Table 118. Middle East & Africa Long Afterglow Phosphors Sales Quantity by Type (2021-2026) & (Tons)

Table 119. Middle East & Africa Long Afterglow Phosphors Sales Quantity by Type (2027-2032) & (Tons)

Table 120. Middle East & Africa Long Afterglow Phosphors Sales Quantity by Application (2021-2026) & (Tons)

Table 121. Middle East & Africa Long Afterglow Phosphors Sales Quantity by Application (2027-2032) & (Tons)

Table 122. Middle East & Africa Long Afterglow Phosphors Sales Quantity by Country (2021-2026) & (Tons)

Table 123. Middle East & Africa Long Afterglow Phosphors Sales Quantity by Country (2027-2032) & (Tons)

Table 124. Middle East & Africa Long Afterglow Phosphors Consumption Value by Country (2021-2026) & (USD Million)

Table 125. Middle East & Africa Long Afterglow Phosphors Consumption Value by Country (2027-2032) & (USD Million)

Table 126. Long Afterglow Phosphors Raw Material

Table 127. Key Manufacturers of Long Afterglow Phosphors Raw Materials

Table 128. Long Afterglow Phosphors Typical Distributors

Table 129. Long Afterglow Phosphors Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Long Afterglow Phosphors Picture

Figure 2. Global Long Afterglow Phosphors Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Long Afterglow Phosphors Revenue Market Share by Type in 2025

Figure 4. Zinc Sulfide Examples

Figure 5. Bauxite Examples

Figure 6. Yttrium-Based Examples

Figure 7. Other Examples

Figure 8. Global Long Afterglow Phosphors Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 9. Global Long Afterglow Phosphors Revenue Market Share by Application in 2025

Figure 10. Lighting Examples

Figure 11. Traffic Signs Examples

Figure 12. Electronic Products Examples

Figure 13. Other Examples

Figure 14. Global Long Afterglow Phosphors Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 15. Global Long Afterglow Phosphors Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 16. Global Long Afterglow Phosphors Sales Quantity (2021-2032) & (Tons)

Figure 17. Global Long Afterglow Phosphors Price (2021-2032) & (US\$/Ton)

Figure 18. Global Long Afterglow Phosphors Sales Quantity Market Share by Manufacturer in 2025

Figure 19. Global Long Afterglow Phosphors Revenue Market Share by Manufacturer in 2025

Figure 20. Producer Shipments of Long Afterglow Phosphors by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 21. Top 3 Long Afterglow Phosphors Manufacturer (Revenue) Market Share in 2025

Figure 22. Top 6 Long Afterglow Phosphors Manufacturer (Revenue) Market Share in 2025

Figure 23. Global Long Afterglow Phosphors Sales Quantity Market Share by Region (2021-2032)

Figure 24. Global Long Afterglow Phosphors Consumption Value Market Share by

Region (2021-2032)

Figure 25. North America Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 26. Europe Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 27. Asia-Pacific Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 28. South America Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 29. Middle East & Africa Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 30. Global Long Afterglow Phosphors Sales Quantity Market Share by Type (2021-2032)

Figure 31. Global Long Afterglow Phosphors Consumption Value Market Share by Type (2021-2032)

Figure 32. Global Long Afterglow Phosphors Average Price by Type (2021-2032) & (US\$/Ton)

Figure 33. Global Long Afterglow Phosphors Sales Quantity Market Share by Application (2021-2032)

Figure 34. Global Long Afterglow Phosphors Revenue Market Share by Application (2021-2032)

Figure 35. Global Long Afterglow Phosphors Average Price by Application (2021-2032) & (US\$/Ton)

Figure 36. North America Long Afterglow Phosphors Sales Quantity Market Share by Type (2021-2032)

Figure 37. North America Long Afterglow Phosphors Sales Quantity Market Share by Application (2021-2032)

Figure 38. North America Long Afterglow Phosphors Sales Quantity Market Share by Country (2021-2032)

Figure 39. North America Long Afterglow Phosphors Consumption Value Market Share by Country (2021-2032)

Figure 40. United States Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 41. Canada Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 42. Mexico Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 43. Europe Long Afterglow Phosphors Sales Quantity Market Share by Type (2021-2032)

Figure 44. Europe Long Afterglow Phosphors Sales Quantity Market Share by Application (2021-2032)

Figure 45. Europe Long Afterglow Phosphors Sales Quantity Market Share by Country (2021-2032)

Figure 46. Europe Long Afterglow Phosphors Consumption Value Market Share by Country (2021-2032)

Figure 47. Germany Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 48. France Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 49. United Kingdom Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 50. Russia Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 51. Italy Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 52. Asia-Pacific Long Afterglow Phosphors Sales Quantity Market Share by Type (2021-2032)

Figure 53. Asia-Pacific Long Afterglow Phosphors Sales Quantity Market Share by Application (2021-2032)

Figure 54. Asia-Pacific Long Afterglow Phosphors Sales Quantity Market Share by Region (2021-2032)

Figure 55. Asia-Pacific Long Afterglow Phosphors Consumption Value Market Share by Region (2021-2032)

Figure 56. China Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 57. Japan Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 58. South Korea Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 59. India Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 60. Southeast Asia Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 61. Australia Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 62. South America Long Afterglow Phosphors Sales Quantity Market Share by Type (2021-2032)

Figure 63. South America Long Afterglow Phosphors Sales Quantity Market Share by

Application (2021-2032)

Figure 64. South America Long Afterglow Phosphors Sales Quantity Market Share by Country (2021-2032)

Figure 65. South America Long Afterglow Phosphors Consumption Value Market Share by Country (2021-2032)

Figure 66. Brazil Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 67. Argentina Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 68. Middle East & Africa Long Afterglow Phosphors Sales Quantity Market Share by Type (2021-2032)

Figure 69. Middle East & Africa Long Afterglow Phosphors Sales Quantity Market Share by Application (2021-2032)

Figure 70. Middle East & Africa Long Afterglow Phosphors Sales Quantity Market Share by Country (2021-2032)

Figure 71. Middle East & Africa Long Afterglow Phosphors Consumption Value Market Share by Country (2021-2032)

Figure 72. Turkey Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 73. Egypt Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 74. Saudi Arabia Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 75. South Africa Long Afterglow Phosphors Consumption Value (2021-2032) & (USD Million)

Figure 76. Long Afterglow Phosphors Market Drivers

Figure 77. Long Afterglow Phosphors Market Restraints

Figure 78. Long Afterglow Phosphors Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Long Afterglow Phosphors in 2025

Figure 81. Manufacturing Process Analysis of Long Afterglow Phosphors

Figure 82. Long Afterglow Phosphors Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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