

Global Infrared Emitting Diode Market Growth 2023-2029

<https://marketpublishers.com/r/GDD4551E726DEN.html>

Date: November 2023

Pages: 114

Price: US\$ 3,660.00 (Single User License)

ID: GDD4551E726DEN

Abstracts

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

According to our LPI (LP Information) latest study, the global Infrared Emitting Diode market size was valued at US\$ million in 2022. With growing demand in downstream market, the Infrared Emitting Diode is forecast to a readjusted size of US\$ million by 2029 with a CAGR of % during review period.

The research report highlights the growth potential of the global Infrared Emitting Diode market. Infrared Emitting Diode are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Infrared Emitting Diode. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Infrared Emitting Diode market.

An infrared emitting diode is an electronic device used to emit infrared light. It is a semiconductor diode that is forward biased by applying a voltage to activate the recombination process of electrons and holes, thereby producing infrared light radiation. Infrared emitting diodes usually use semiconductor materials, such as gallium arsenide (GaAs) or indium selenide (InSe). These materials have narrow energy band gaps that allow them to emit radiation in the infrared light band. Generally, the operating wavelength range of infrared emitting diodes is from 700 nanometers to 1 millimeter, covering the near-infrared, mid-infrared and far-infrared bands. Infrared emitting diodes are widely used in infrared communications, infrared remote control, infrared sensing and infrared imaging. They can be used to send infrared signals for wireless communication or remote control functions. At the same time, infrared emitting diodes

can also be used in infrared sensors and infrared cameras to sense and capture the infrared radiation of targets by emitting infrared light to achieve infrared imaging and infrared detection.

Key Features:

The report on Infrared Emitting Diode market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Infrared Emitting Diode market. It may include historical data, market segmentation by Type (e.g., Gallium Arsenide Infrared Emitting Diode, Aluminum Gallium Arsenide Infrared Emitting Diode), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Infrared Emitting Diode market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Infrared Emitting Diode market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Infrared Emitting Diode industry. This include advancements in Infrared Emitting Diode technology, Infrared Emitting Diode new entrants, Infrared Emitting Diode new investment, and other innovations that are shaping the future of Infrared Emitting Diode.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Infrared Emitting Diode market. It includes factors influencing customer ' purchasing decisions, preferences for Infrared Emitting Diode product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Infrared Emitting Diode market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other

measures aimed at promoting Infrared Emitting Diode market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Infrared Emitting Diode market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Infrared Emitting Diode industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Infrared Emitting Diode market.

Market Segmentation:

Infrared Emitting Diode market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Gallium Arsenide Infrared Emitting Diode

Aluminum Gallium Arsenide Infrared Emitting Diode

Gallium Arsenide Phosphide Infrared Emitting Diode

Aluminum Gallium Arsenide Infrared Emitting Diode

Segmentation by application

Security Industry

Medical Industry

Data Transmission Industry

Others

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

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Vishay

ams OSRAM

ProPhotonix

Marktech Optoelectronics Inc

Micropac Industries Inc

Hamamatsu

IoffeLED

AP Technologies Ltd

Marubeni America Corp

NY Photonics

Boston Electronics

QSI

Ushio

Ondax

Mitsubishi Polyester Film GmbH

Key Questions Addressed in this Report

What is the 10-year outlook for the global Infrared Emitting Diode market?

What factors are driving Infrared Emitting Diode market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Infrared Emitting Diode market opportunities vary by end market size?

How does Infrared Emitting Diode break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Infrared Emitting Diode Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Infrared Emitting Diode by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Infrared Emitting Diode by Country/Region, 2018, 2022 & 2029

2.2 Infrared Emitting Diode Segment by Type

- 2.2.1 Gallium Arsenide Infrared Emitting Diode
- 2.2.2 Aluminum Gallium Arsenide Infrared Emitting Diode
- 2.2.3 Gallium Arsenide Phosphide Infrared Emitting Diode
- 2.2.4 Aluminum Gallium Arsenide Infrared Emitting Diode

2.3 Infrared Emitting Diode Sales by Type

- 2.3.1 Global Infrared Emitting Diode Sales Market Share by Type (2018-2023)
- 2.3.2 Global Infrared Emitting Diode Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Infrared Emitting Diode Sale Price by Type (2018-2023)

2.4 Infrared Emitting Diode Segment by Application

- 2.4.1 Security Industry
- 2.4.2 Medical Industry
- 2.4.3 Data Transmission Industry
- 2.4.4 Others

2.5 Infrared Emitting Diode Sales by Application

- 2.5.1 Global Infrared Emitting Diode Sale Market Share by Application (2018-2023)
- 2.5.2 Global Infrared Emitting Diode Revenue and Market Share by Application (2018-2023)

2.5.3 Global Infrared Emitting Diode Sale Price by Application (2018-2023)

3 GLOBAL INFRARED EMITTING DIODE BY COMPANY

3.1 Global Infrared Emitting Diode Breakdown Data by Company

3.1.1 Global Infrared Emitting Diode Annual Sales by Company (2018-2023)

3.1.2 Global Infrared Emitting Diode Sales Market Share by Company (2018-2023)

3.2 Global Infrared Emitting Diode Annual Revenue by Company (2018-2023)

3.2.1 Global Infrared Emitting Diode Revenue by Company (2018-2023)

3.2.2 Global Infrared Emitting Diode Revenue Market Share by Company (2018-2023)

3.3 Global Infrared Emitting Diode Sale Price by Company

3.4 Key Manufacturers Infrared Emitting Diode Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Infrared Emitting Diode Product Location Distribution

3.4.2 Players Infrared Emitting Diode Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR INFRARED EMITTING DIODE BY GEOGRAPHIC REGION

4.1 World Historic Infrared Emitting Diode Market Size by Geographic Region (2018-2023)

4.1.1 Global Infrared Emitting Diode Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Infrared Emitting Diode Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Infrared Emitting Diode Market Size by Country/Region (2018-2023)

4.2.1 Global Infrared Emitting Diode Annual Sales by Country/Region (2018-2023)

4.2.2 Global Infrared Emitting Diode Annual Revenue by Country/Region (2018-2023)

4.3 Americas Infrared Emitting Diode Sales Growth

4.4 APAC Infrared Emitting Diode Sales Growth

4.5 Europe Infrared Emitting Diode Sales Growth

4.6 Middle East & Africa Infrared Emitting Diode Sales Growth

5 AMERICAS

5.1 Americas Infrared Emitting Diode Sales by Country

5.1.1 Americas Infrared Emitting Diode Sales by Country (2018-2023)

5.1.2 Americas Infrared Emitting Diode Revenue by Country (2018-2023)

5.2 Americas Infrared Emitting Diode Sales by Type

5.3 Americas Infrared Emitting Diode Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Infrared Emitting Diode Sales by Region

6.1.1 APAC Infrared Emitting Diode Sales by Region (2018-2023)

6.1.2 APAC Infrared Emitting Diode Revenue by Region (2018-2023)

6.2 APAC Infrared Emitting Diode Sales by Type

6.3 APAC Infrared Emitting Diode Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Infrared Emitting Diode by Country

7.1.1 Europe Infrared Emitting Diode Sales by Country (2018-2023)

7.1.2 Europe Infrared Emitting Diode Revenue by Country (2018-2023)

7.2 Europe Infrared Emitting Diode Sales by Type

7.3 Europe Infrared Emitting Diode Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Infrared Emitting Diode by Country

8.1.1 Middle East & Africa Infrared Emitting Diode Sales by Country (2018-2023)

8.1.2 Middle East & Africa Infrared Emitting Diode Revenue by Country (2018-2023)

8.2 Middle East & Africa Infrared Emitting Diode Sales by Type

8.3 Middle East & Africa Infrared Emitting Diode Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Infrared Emitting Diode

10.3 Manufacturing Process Analysis of Infrared Emitting Diode

10.4 Industry Chain Structure of Infrared Emitting Diode

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Infrared Emitting Diode Distributors

11.3 Infrared Emitting Diode Customer

12 WORLD FORECAST REVIEW FOR INFRARED EMITTING DIODE BY GEOGRAPHIC REGION

12.1 Global Infrared Emitting Diode Market Size Forecast by Region

12.1.1 Global Infrared Emitting Diode Forecast by Region (2024-2029)

12.1.2 Global Infrared Emitting Diode Annual Revenue Forecast by Region

(2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Infrared Emitting Diode Forecast by Type

12.7 Global Infrared Emitting Diode Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Vishay

13.1.1 Vishay Company Information

13.1.2 Vishay Infrared Emitting Diode Product Portfolios and Specifications

13.1.3 Vishay Infrared Emitting Diode Sales, Revenue, Price and Gross Margin

(2018-2023)

13.1.4 Vishay Main Business Overview

13.1.5 Vishay Latest Developments

13.2 ams OSRAM

13.2.1 ams OSRAM Company Information

13.2.2 ams OSRAM Infrared Emitting Diode Product Portfolios and Specifications

13.2.3 ams OSRAM Infrared Emitting Diode Sales, Revenue, Price and Gross Margin

(2018-2023)

13.2.4 ams OSRAM Main Business Overview

13.2.5 ams OSRAM Latest Developments

13.3 ProPhotonix

13.3.1 ProPhotonix Company Information

13.3.2 ProPhotonix Infrared Emitting Diode Product Portfolios and Specifications

13.3.3 ProPhotonix Infrared Emitting Diode Sales, Revenue, Price and Gross Margin

(2018-2023)

13.3.4 ProPhotonix Main Business Overview

13.3.5 ProPhotonix Latest Developments

13.4 Marktech Optoelectronics Inc

13.4.1 Marktech Optoelectronics Inc Company Information

13.4.2 Marktech Optoelectronics Inc Infrared Emitting Diode Product Portfolios and Specifications

13.4.3 Marktech Optoelectronics Inc Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Marktech Optoelectronics Inc Main Business Overview

13.4.5 Marktech Optoelectronics Inc Latest Developments

13.5 Micropac Industries Inc

13.5.1 Micropac Industries Inc Company Information

13.5.2 Micropac Industries Inc Infrared Emitting Diode Product Portfolios and Specifications

13.5.3 Micropac Industries Inc Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Micropac Industries Inc Main Business Overview

13.5.5 Micropac Industries Inc Latest Developments

13.6 Hamamatsu

13.6.1 Hamamatsu Company Information

13.6.2 Hamamatsu Infrared Emitting Diode Product Portfolios and Specifications

13.6.3 Hamamatsu Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Hamamatsu Main Business Overview

13.6.5 Hamamatsu Latest Developments

13.7 IoffeLED

13.7.1 IoffeLED Company Information

13.7.2 IoffeLED Infrared Emitting Diode Product Portfolios and Specifications

13.7.3 IoffeLED Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 IoffeLED Main Business Overview

13.7.5 IoffeLED Latest Developments

13.8 AP Technologies Ltd

13.8.1 AP Technologies Ltd Company Information

13.8.2 AP Technologies Ltd Infrared Emitting Diode Product Portfolios and Specifications

13.8.3 AP Technologies Ltd Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)

13.8.4 AP Technologies Ltd Main Business Overview

13.8.5 AP Technologies Ltd Latest Developments

13.9 Marubeni America Corp

13.9.1 Marubeni America Corp Company Information

13.9.2 Marubeni America Corp Infrared Emitting Diode Product Portfolios and Specifications

13.9.3 Marubeni America Corp Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 Marubeni America Corp Main Business Overview

13.9.5 Marubeni America Corp Latest Developments

13.10 NY Photonics

- 13.10.1 NY Photonics Company Information
- 13.10.2 NY Photonics Infrared Emitting Diode Product Portfolios and Specifications
- 13.10.3 NY Photonics Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.10.4 NY Photonics Main Business Overview
- 13.10.5 NY Photonics Latest Developments
- 13.11 Boston Electronics
 - 13.11.1 Boston Electronics Company Information
 - 13.11.2 Boston Electronics Infrared Emitting Diode Product Portfolios and Specifications
 - 13.11.3 Boston Electronics Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.11.4 Boston Electronics Main Business Overview
 - 13.11.5 Boston Electronics Latest Developments
- 13.12 QSI
 - 13.12.1 QSI Company Information
 - 13.12.2 QSI Infrared Emitting Diode Product Portfolios and Specifications
 - 13.12.3 QSI Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.12.4 QSI Main Business Overview
 - 13.12.5 QSI Latest Developments
- 13.13 Ushio
 - 13.13.1 Ushio Company Information
 - 13.13.2 Ushio Infrared Emitting Diode Product Portfolios and Specifications
 - 13.13.3 Ushio Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.13.4 Ushio Main Business Overview
 - 13.13.5 Ushio Latest Developments
- 13.14 Ondax
 - 13.14.1 Ondax Company Information
 - 13.14.2 Ondax Infrared Emitting Diode Product Portfolios and Specifications
 - 13.14.3 Ondax Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.14.4 Ondax Main Business Overview
 - 13.14.5 Ondax Latest Developments
- 13.15 Mitsubishi Polyester Film GmbH
 - 13.15.1 Mitsubishi Polyester Film GmbH Company Information
 - 13.15.2 Mitsubishi Polyester Film GmbH Infrared Emitting Diode Product Portfolios and Specifications

13.15.3 Mitsubishi Polyester Film GmbH Infrared Emitting Diode Sales, Revenue, Price and Gross Margin (2018-2023)

13.15.4 Mitsubishi Polyester Film GmbH Main Business Overview

13.15.5 Mitsubishi Polyester Film GmbH Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Infrared Emitting Diode Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Infrared Emitting Diode Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Gallium Arsenide Infrared Emitting Diode

Table 4. Major Players of Aluminum Gallium Arsenide Infrared Emitting Diode

Table 5. Major Players of Gallium Arsenide Phosphide Infrared Emitting Diode

Table 6. Major Players of Aluminum Gallium Arsenide Infrared Emitting Diode

Table 7. Global Infrared Emitting Diode Sales by Type (2018-2023) & (K Units)

Table 8. Global Infrared Emitting Diode Sales Market Share by Type (2018-2023)

Table 9. Global Infrared Emitting Diode Revenue by Type (2018-2023) & (\$ million)

Table 10. Global Infrared Emitting Diode Revenue Market Share by Type (2018-2023)

Table 11. Global Infrared Emitting Diode Sale Price by Type (2018-2023) & (US\$/Unit)

Table 12. Global Infrared Emitting Diode Sales by Application (2018-2023) & (K Units)

Table 13. Global Infrared Emitting Diode Sales Market Share by Application (2018-2023)

Table 14. Global Infrared Emitting Diode Revenue by Application (2018-2023)

Table 15. Global Infrared Emitting Diode Revenue Market Share by Application (2018-2023)

Table 16. Global Infrared Emitting Diode Sale Price by Application (2018-2023) & (US\$/Unit)

Table 17. Global Infrared Emitting Diode Sales by Company (2018-2023) & (K Units)

Table 18. Global Infrared Emitting Diode Sales Market Share by Company (2018-2023)

Table 19. Global Infrared Emitting Diode Revenue by Company (2018-2023) (\$ Millions)

Table 20. Global Infrared Emitting Diode Revenue Market Share by Company (2018-2023)

Table 21. Global Infrared Emitting Diode Sale Price by Company (2018-2023) & (US\$/Unit)

Table 22. Key Manufacturers Infrared Emitting Diode Producing Area Distribution and Sales Area

Table 23. Players Infrared Emitting Diode Products Offered

Table 24. Infrared Emitting Diode Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Infrared Emitting Diode Sales by Geographic Region (2018-2023) & (K Units)

Table 28. Global Infrared Emitting Diode Sales Market Share Geographic Region (2018-2023)

Table 29. Global Infrared Emitting Diode Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 30. Global Infrared Emitting Diode Revenue Market Share by Geographic Region (2018-2023)

Table 31. Global Infrared Emitting Diode Sales by Country/Region (2018-2023) & (K Units)

Table 32. Global Infrared Emitting Diode Sales Market Share by Country/Region (2018-2023)

Table 33. Global Infrared Emitting Diode Revenue by Country/Region (2018-2023) & (\$ millions)

Table 34. Global Infrared Emitting Diode Revenue Market Share by Country/Region (2018-2023)

Table 35. Americas Infrared Emitting Diode Sales by Country (2018-2023) & (K Units)

Table 36. Americas Infrared Emitting Diode Sales Market Share by Country (2018-2023)

Table 37. Americas Infrared Emitting Diode Revenue by Country (2018-2023) & (\$ Millions)

Table 38. Americas Infrared Emitting Diode Revenue Market Share by Country (2018-2023)

Table 39. Americas Infrared Emitting Diode Sales by Type (2018-2023) & (K Units)

Table 40. Americas Infrared Emitting Diode Sales by Application (2018-2023) & (K Units)

Table 41. APAC Infrared Emitting Diode Sales by Region (2018-2023) & (K Units)

Table 42. APAC Infrared Emitting Diode Sales Market Share by Region (2018-2023)

Table 43. APAC Infrared Emitting Diode Revenue by Region (2018-2023) & (\$ Millions)

Table 44. APAC Infrared Emitting Diode Revenue Market Share by Region (2018-2023)

Table 45. APAC Infrared Emitting Diode Sales by Type (2018-2023) & (K Units)

Table 46. APAC Infrared Emitting Diode Sales by Application (2018-2023) & (K Units)

Table 47. Europe Infrared Emitting Diode Sales by Country (2018-2023) & (K Units)

Table 48. Europe Infrared Emitting Diode Sales Market Share by Country (2018-2023)

Table 49. Europe Infrared Emitting Diode Revenue by Country (2018-2023) & (\$ Millions)

Table 50. Europe Infrared Emitting Diode Revenue Market Share by Country (2018-2023)

Table 51. Europe Infrared Emitting Diode Sales by Type (2018-2023) & (K Units)

- Table 52. Europe Infrared Emitting Diode Sales by Application (2018-2023) & (K Units)
- Table 53. Middle East & Africa Infrared Emitting Diode Sales by Country (2018-2023) & (K Units)
- Table 54. Middle East & Africa Infrared Emitting Diode Sales Market Share by Country (2018-2023)
- Table 55. Middle East & Africa Infrared Emitting Diode Revenue by Country (2018-2023) & (\$ Millions)
- Table 56. Middle East & Africa Infrared Emitting Diode Revenue Market Share by Country (2018-2023)
- Table 57. Middle East & Africa Infrared Emitting Diode Sales by Type (2018-2023) & (K Units)
- Table 58. Middle East & Africa Infrared Emitting Diode Sales by Application (2018-2023) & (K Units)
- Table 59. Key Market Drivers & Growth Opportunities of Infrared Emitting Diode
- Table 60. Key Market Challenges & Risks of Infrared Emitting Diode
- Table 61. Key Industry Trends of Infrared Emitting Diode
- Table 62. Infrared Emitting Diode Raw Material
- Table 63. Key Suppliers of Raw Materials
- Table 64. Infrared Emitting Diode Distributors List
- Table 65. Infrared Emitting Diode Customer List
- Table 66. Global Infrared Emitting Diode Sales Forecast by Region (2024-2029) & (K Units)
- Table 67. Global Infrared Emitting Diode Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 68. Americas Infrared Emitting Diode Sales Forecast by Country (2024-2029) & (K Units)
- Table 69. Americas Infrared Emitting Diode Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 70. APAC Infrared Emitting Diode Sales Forecast by Region (2024-2029) & (K Units)
- Table 71. APAC Infrared Emitting Diode Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 72. Europe Infrared Emitting Diode Sales Forecast by Country (2024-2029) & (K Units)
- Table 73. Europe Infrared Emitting Diode Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Middle East & Africa Infrared Emitting Diode Sales Forecast by Country (2024-2029) & (K Units)
- Table 75. Middle East & Africa Infrared Emitting Diode Revenue Forecast by Country

(2024-2029) & (\$ millions)

Table 76. Global Infrared Emitting Diode Sales Forecast by Type (2024-2029) & (K Units)

Table 77. Global Infrared Emitting Diode Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 78. Global Infrared Emitting Diode Sales Forecast by Application (2024-2029) & (K Units)

Table 79. Global Infrared Emitting Diode Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 80. Vishay Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 81. Vishay Infrared Emitting Diode Product Portfolios and Specifications

Table 82. Vishay Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 83. Vishay Main Business

Table 84. Vishay Latest Developments

Table 85. ams OSRAM Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 86. ams OSRAM Infrared Emitting Diode Product Portfolios and Specifications

Table 87. ams OSRAM Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 88. ams OSRAM Main Business

Table 89. ams OSRAM Latest Developments

Table 90. ProPhotonix Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 91. ProPhotonix Infrared Emitting Diode Product Portfolios and Specifications

Table 92. ProPhotonix Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 93. ProPhotonix Main Business

Table 94. ProPhotonix Latest Developments

Table 95. Marktech Optoelectronics Inc Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 96. Marktech Optoelectronics Inc Infrared Emitting Diode Product Portfolios and Specifications

Table 97. Marktech Optoelectronics Inc Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 98. Marktech Optoelectronics Inc Main Business

Table 99. Marktech Optoelectronics Inc Latest Developments

Table 100. Micropac Industries Inc Basic Information, Infrared Emitting Diode

Manufacturing Base, Sales Area and Its Competitors

Table 101. Micropac Industries Inc Infrared Emitting Diode Product Portfolios and Specifications

Table 102. Micropac Industries Inc Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 103. Micropac Industries Inc Main Business

Table 104. Micropac Industries Inc Latest Developments

Table 105. Hamamatsu Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 106. Hamamatsu Infrared Emitting Diode Product Portfolios and Specifications

Table 107. Hamamatsu Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 108. Hamamatsu Main Business

Table 109. Hamamatsu Latest Developments

Table 110. IoffeLED Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 111. IoffeLED Infrared Emitting Diode Product Portfolios and Specifications

Table 112. IoffeLED Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 113. IoffeLED Main Business

Table 114. IoffeLED Latest Developments

Table 115. AP Technologies Ltd Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 116. AP Technologies Ltd Infrared Emitting Diode Product Portfolios and Specifications

Table 117. AP Technologies Ltd Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 118. AP Technologies Ltd Main Business

Table 119. AP Technologies Ltd Latest Developments

Table 120. Marubeni America Corp Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

Table 121. Marubeni America Corp Infrared Emitting Diode Product Portfolios and Specifications

Table 122. Marubeni America Corp Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 123. Marubeni America Corp Main Business

Table 124. Marubeni America Corp Latest Developments

Table 125. NY Photonics Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors

- Table 126. NY Photonics Infrared Emitting Diode Product Portfolios and Specifications
- Table 127. NY Photonics Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 128. NY Photonics Main Business
- Table 129. NY Photonics Latest Developments
- Table 130. Boston Electronics Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors
- Table 131. Boston Electronics Infrared Emitting Diode Product Portfolios and Specifications
- Table 132. Boston Electronics Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 133. Boston Electronics Main Business
- Table 134. Boston Electronics Latest Developments
- Table 135. QSI Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors
- Table 136. QSI Infrared Emitting Diode Product Portfolios and Specifications
- Table 137. QSI Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 138. QSI Main Business
- Table 139. QSI Latest Developments
- Table 140. Ushio Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors
- Table 141. Ushio Infrared Emitting Diode Product Portfolios and Specifications
- Table 142. Ushio Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 143. Ushio Main Business
- Table 144. Ushio Latest Developments
- Table 145. Ondax Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors
- Table 146. Ondax Infrared Emitting Diode Product Portfolios and Specifications
- Table 147. Ondax Infrared Emitting Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 148. Ondax Main Business
- Table 149. Ondax Latest Developments
- Table 150. Mitsubishi Polyester Film GmbH Basic Information, Infrared Emitting Diode Manufacturing Base, Sales Area and Its Competitors
- Table 151. Mitsubishi Polyester Film GmbH Infrared Emitting Diode Product Portfolios and Specifications
- Table 152. Mitsubishi Polyester Film GmbH Infrared Emitting Diode Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 153. Mitsubishi Polyester Film GmbH Main Business

Table 154. Mitsubishi Polyester Film GmbH Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Infrared Emitting Diode
- Figure 2. Infrared Emitting Diode Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Infrared Emitting Diode Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Infrared Emitting Diode Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Infrared Emitting Diode Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Gallium Arsenide Infrared Emitting Diode
- Figure 10. Product Picture of Aluminum Gallium Arsenide Infrared Emitting Diode
- Figure 11. Product Picture of Gallium Arsenide Phosphide Infrared Emitting Diode
- Figure 12. Product Picture of Aluminum Gallium Arsenide Infrared Emitting Diode
- Figure 13. Global Infrared Emitting Diode Sales Market Share by Type in 2022
- Figure 14. Global Infrared Emitting Diode Revenue Market Share by Type (2018-2023)
- Figure 15. Infrared Emitting Diode Consumed in Security Industry
- Figure 16. Global Infrared Emitting Diode Market: Security Industry (2018-2023) & (K Units)
- Figure 17. Infrared Emitting Diode Consumed in Medical Industry
- Figure 18. Global Infrared Emitting Diode Market: Medical Industry (2018-2023) & (K Units)
- Figure 19. Infrared Emitting Diode Consumed in Data Transmission Industry
- Figure 20. Global Infrared Emitting Diode Market: Data Transmission Industry (2018-2023) & (K Units)
- Figure 21. Infrared Emitting Diode Consumed in Others
- Figure 22. Global Infrared Emitting Diode Market: Others (2018-2023) & (K Units)
- Figure 23. Global Infrared Emitting Diode Sales Market Share by Application (2022)
- Figure 24. Global Infrared Emitting Diode Revenue Market Share by Application in 2022
- Figure 25. Infrared Emitting Diode Sales Market by Company in 2022 (K Units)
- Figure 26. Global Infrared Emitting Diode Sales Market Share by Company in 2022
- Figure 27. Infrared Emitting Diode Revenue Market by Company in 2022 (\$ Million)
- Figure 28. Global Infrared Emitting Diode Revenue Market Share by Company in 2022
- Figure 29. Global Infrared Emitting Diode Sales Market Share by Geographic Region (2018-2023)
- Figure 30. Global Infrared Emitting Diode Revenue Market Share by Geographic Region in 2022

- Figure 31. Americas Infrared Emitting Diode Sales 2018-2023 (K Units)
- Figure 32. Americas Infrared Emitting Diode Revenue 2018-2023 (\$ Millions)
- Figure 33. APAC Infrared Emitting Diode Sales 2018-2023 (K Units)
- Figure 34. APAC Infrared Emitting Diode Revenue 2018-2023 (\$ Millions)
- Figure 35. Europe Infrared Emitting Diode Sales 2018-2023 (K Units)
- Figure 36. Europe Infrared Emitting Diode Revenue 2018-2023 (\$ Millions)
- Figure 37. Middle East & Africa Infrared Emitting Diode Sales 2018-2023 (K Units)
- Figure 38. Middle East & Africa Infrared Emitting Diode Revenue 2018-2023 (\$ Millions)
- Figure 39. Americas Infrared Emitting Diode Sales Market Share by Country in 2022
- Figure 40. Americas Infrared Emitting Diode Revenue Market Share by Country in 2022
- Figure 41. Americas Infrared Emitting Diode Sales Market Share by Type (2018-2023)
- Figure 42. Americas Infrared Emitting Diode Sales Market Share by Application (2018-2023)
- Figure 43. United States Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 44. Canada Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 45. Mexico Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 46. Brazil Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 47. APAC Infrared Emitting Diode Sales Market Share by Region in 2022
- Figure 48. APAC Infrared Emitting Diode Revenue Market Share by Regions in 2022
- Figure 49. APAC Infrared Emitting Diode Sales Market Share by Type (2018-2023)
- Figure 50. APAC Infrared Emitting Diode Sales Market Share by Application (2018-2023)
- Figure 51. China Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 52. Japan Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 53. South Korea Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 54. Southeast Asia Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 55. India Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 56. Australia Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 57. China Taiwan Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 58. Europe Infrared Emitting Diode Sales Market Share by Country in 2022
- Figure 59. Europe Infrared Emitting Diode Revenue Market Share by Country in 2022
- Figure 60. Europe Infrared Emitting Diode Sales Market Share by Type (2018-2023)
- Figure 61. Europe Infrared Emitting Diode Sales Market Share by Application (2018-2023)
- Figure 62. Germany Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 63. France Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)

- Figure 64. UK Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 65. Italy Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 66. Russia Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 67. Middle East & Africa Infrared Emitting Diode Sales Market Share by Country in 2022
- Figure 68. Middle East & Africa Infrared Emitting Diode Revenue Market Share by Country in 2022
- Figure 69. Middle East & Africa Infrared Emitting Diode Sales Market Share by Type (2018-2023)
- Figure 70. Middle East & Africa Infrared Emitting Diode Sales Market Share by Application (2018-2023)
- Figure 71. Egypt Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 72. South Africa Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 73. Israel Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 74. Turkey Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 75. GCC Country Infrared Emitting Diode Revenue Growth 2018-2023 (\$ Millions)
- Figure 76. Manufacturing Cost Structure Analysis of Infrared Emitting Diode in 2022
- Figure 77. Manufacturing Process Analysis of Infrared Emitting Diode
- Figure 78. Industry Chain Structure of Infrared Emitting Diode
- Figure 79. Channels of Distribution
- Figure 80. Global Infrared Emitting Diode Sales Market Forecast by Region (2024-2029)
- Figure 81. Global Infrared Emitting Diode Revenue Market Share Forecast by Region (2024-2029)
- Figure 82. Global Infrared Emitting Diode Sales Market Share Forecast by Type (2024-2029)
- Figure 83. Global Infrared Emitting Diode Revenue Market Share Forecast by Type (2024-2029)
- Figure 84. Global Infrared Emitting Diode Sales Market Share Forecast by Application (2024-2029)
- Figure 85. Global Infrared Emitting Diode Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global Infrared Emitting Diode Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GDD4551E726DEN.html>

Price: US\$ 3,660.00 (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/GDD4551E726DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970