

# Global Polarization-selective Thermal Emitters Market Growth 2026-2032

<https://marketpublishers.com/r/GA15934AE707EN.html>

Date: May 2026

Pages: 86

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

ID: GA15934AE707EN

## Abstracts

The global Polarization-selective Thermal Emitters market size is predicted to grow from US\$ 450 million in 2025 to US\$ 1101 million in 2032; it is expected to grow at a CAGR of 13.7% from 2026 to 2032.

In 2025, global polarization-selective thermal emitter production reached around 144,000 units, supported by approximately 180,000 units of installed capacity, with average unit price USD 3,200, and industry gross margins of about 46%. Polarization-selective thermal emitters are engineered photonic or metamaterial surfaces that emit mid-infrared (MIR) or long-wave infrared (LWIR) thermal radiation with a preferred polarization state, achieved by introducing anisotropy through sub-wavelength gratings, wire-grid metasurfaces, hyperbolic metamaterials, or patterned plasmonic resonators. They are used in advanced IR sensing, thermal imaging calibration, gas spectroscopy, thermophotovoltaics, radiative cooling control, and defense/space systems where polarization contrast improves signal discrimination or system efficiency. The supply chain begins upstream with high-purity substrates (sapphire, silicon, quartz, SiC) and functional materials (refractory metals such as tungsten or tantalum, plasmonic metals like gold, aluminum, or nickel, doped semiconductors, and polar dielectrics such as SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, and SiN<sub>x</sub>), followed by midstream nanofabrication—thin-film deposition (PVD/CVD/ALD), lithography (e-beam, DUV, nanoimprint), and etching to define polarization-selective geometries—then downstream integration into emitter chips, packaged modules, or calibrated reference sources supplied to IR system OEMs, research institutes, and aerospace/defense primes, with performance validation (emissivity spectrum, polarization extinction ratio, thermal stability) acting as a key value-adding step.

United States market for Polarization-selective Thermal Emitters is estimated to

increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Polarization-selective Thermal Emitters is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Polarization-selective Thermal Emitters is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Polarization-selective Thermal Emitters players cover Infrasonid, Excelitas, Thorlabs, Opalux, Crystal IS, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Polarization-selective Thermal Emitters Industry Forecast" looks at past sales and reviews total world Polarization-selective Thermal Emitters sales in 2025, providing a comprehensive analysis by region and market sector of projected Polarization-selective Thermal Emitters sales for 2026 through 2032. With Polarization-selective Thermal Emitters sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Polarization-selective Thermal Emitters industry.

This Insight Report provides a comprehensive analysis of the global Polarization-selective Thermal Emitters landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Polarization-selective Thermal Emitters portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Polarization-selective Thermal Emitters market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Polarization-selective Thermal Emitters and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Polarization-selective Thermal Emitters.

This report presents a comprehensive overview, market shares, and growth

opportunities of Polarization-selective Thermal Emitters market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Normal Incidence Type

Wide Angle Type

Segmentation by Spectral Band:

NIR (0.8–2.5  $\mu$ m)

MWIR (3–5  $\mu$ m)

LWIR (8–14  $\mu$ m)

Segmentation by Application:

Aerospace & Defense

Energy & Power

Industrial

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 analysing the company's coverage, product portfolio, its market penetration.

Infrasolid

Excelitas

Thorlabs

Opalux

Crystal IS

IPG Photonics

Photonic Lattice

Furukawa Electric

Gooch & Housego

Hamamatsu Photonics

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Polarization-selective Thermal Emitters market?

What factors are driving Polarization-selective Thermal Emitters market growth, globally and by region?

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

How do Polarization-selective Thermal Emitters market opportunities vary by end market size?

How does Polarization-selective Thermal Emitters break out by Type, by 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 Polarization-selective Thermal Emitters Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Polarization-selective Thermal Emitters by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Polarization-selective Thermal Emitters by Country/Region, 2021, 2025 & 2032

#### 2.2 Polarization-selective Thermal Emitters Segment by Type

- 2.2.1 Normal Incidence Type
- 2.2.2 Wide Angle Type
- 2.2.3 Polarization-selective Thermal Emitters Sales by Type
  - 2.2.3.1 Global Polarization-selective Thermal Emitters Sales Market Share by Type (2021-2026)
  - 2.2.3.2 Global Polarization-selective Thermal Emitters Revenue and Market Share by Type (2021-2026)
  - 2.2.3.3 Global Polarization-selective Thermal Emitters Sale Price by Type (2021-2026)

#### 2.3 Polarization-selective Thermal Emitters Segment by Spectral Band

- 2.3.1 NIR (0.8–2.5  $\mu$ m)
- 2.3.2 MWIR (3–5  $\mu$ m)
- 2.3.3 LWIR (8–14  $\mu$ m)
- 2.3.4 Polarization-selective Thermal Emitters Sales by Spectral Band
  - 2.3.4.1 Global Polarization-selective Thermal Emitters Sales Market Share by Spectral Band (2021-2026)
  - 2.3.4.2 Global Polarization-selective Thermal Emitters Revenue and Market Share by

## Spectral Band (2021-2026)

2.3.4.3 Global Polarization-selective Thermal Emitters Sale Price by Spectral Band (2021-2026)

## 2.4 Polarization-selective Thermal Emitters Segment by Application

2.4.1 Aerospace & Defense

2.4.2 Energy & Power

2.4.3 Industrial

2.4.4 Others

2.4.5 Polarization-selective Thermal Emitters Sales by Application

2.4.5.1 Global Polarization-selective Thermal Emitters Sale Market Share by Application (2021-2026)

2.4.5.2 Global Polarization-selective Thermal Emitters Revenue and Market Share by Application (2021-2026)

2.4.5.3 Global Polarization-selective Thermal Emitters Sale Price by Application (2021-2026)

## **3 GLOBAL BY COMPANY**

### 3.1 Global Polarization-selective Thermal Emitters Breakdown Data by Company

3.1.1 Global Polarization-selective Thermal Emitters Annual Sales by Company (2021-2026)

3.1.2 Global Polarization-selective Thermal Emitters Sales Market Share by Company (2021-2026)

3.2 Global Polarization-selective Thermal Emitters Annual Revenue by Company (2021-2026)

3.2.1 Global Polarization-selective Thermal Emitters Revenue by Company (2021-2026)

3.2.2 Global Polarization-selective Thermal Emitters Revenue Market Share by Company (2021-2026)

3.3 Global Polarization-selective Thermal Emitters Sale Price by Company

3.4 Key Manufacturers Polarization-selective Thermal Emitters Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Polarization-selective Thermal Emitters Product Location Distribution

3.4.2 Players Polarization-selective Thermal Emitters Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

### 3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR POLARIZATION-SELECTIVE THERMAL EMITTERS BY GEOGRAPHIC REGION**

### 4.1 World Historic Polarization-selective Thermal Emitters Market Size by Geographic Region (2021-2026)

#### 4.1.1 Global Polarization-selective Thermal Emitters Annual Sales by Geographic Region (2021-2026)

#### 4.1.2 Global Polarization-selective Thermal Emitters Annual Revenue by Geographic Region (2021-2026)

### 4.2 World Historic Polarization-selective Thermal Emitters Market Size by Country/Region (2021-2026)

#### 4.2.1 Global Polarization-selective Thermal Emitters Annual Sales by Country/Region (2021-2026)

#### 4.2.2 Global Polarization-selective Thermal Emitters Annual Revenue by Country/Region (2021-2026)

### 4.3 Americas Polarization-selective Thermal Emitters Sales Growth

### 4.4 APAC Polarization-selective Thermal Emitters Sales Growth

### 4.5 Europe Polarization-selective Thermal Emitters Sales Growth

### 4.6 Middle East & Africa Polarization-selective Thermal Emitters Sales Growth

## **5 AMERICAS**

### 5.1 Americas Polarization-selective Thermal Emitters Sales by Country

#### 5.1.1 Americas Polarization-selective Thermal Emitters Sales by Country (2021-2026)

#### 5.1.2 Americas Polarization-selective Thermal Emitters Revenue by Country (2021-2026)

### 5.2 Americas Polarization-selective Thermal Emitters Sales by Type (2021-2026)

### 5.3 Americas Polarization-selective Thermal Emitters Sales by Application (2021-2026)

### 5.4 United States

### 5.5 Canada

### 5.6 Mexico

### 5.7 Brazil

## **6 APAC**

### 6.1 APAC Polarization-selective Thermal Emitters Sales by Region

#### 6.1.1 APAC Polarization-selective Thermal Emitters Sales by Region (2021-2026)

- 6.1.2 APAC Polarization-selective Thermal Emitters Revenue by Region (2021-2026)
- 6.2 APAC Polarization-selective Thermal Emitters Sales by Type (2021-2026)
- 6.3 APAC Polarization-selective Thermal Emitters Sales by Application (2021-2026)
- 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 Polarization-selective Thermal Emitters by Country
  - 7.1.1 Europe Polarization-selective Thermal Emitters Sales by Country (2021-2026)
  - 7.1.2 Europe Polarization-selective Thermal Emitters Revenue by Country (2021-2026)
- 7.2 Europe Polarization-selective Thermal Emitters Sales by Type (2021-2026)
- 7.3 Europe Polarization-selective Thermal Emitters Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Polarization-selective Thermal Emitters by Country
  - 8.1.1 Middle East & Africa Polarization-selective Thermal Emitters Sales by Country (2021-2026)
  - 8.1.2 Middle East & Africa Polarization-selective Thermal Emitters Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Polarization-selective Thermal Emitters Sales by Type (2021-2026)
- 8.3 Middle East & Africa Polarization-selective Thermal Emitters Sales by Application (2021-2026)
- 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 Polarization-selective Thermal Emitters

10.3 Manufacturing Process Analysis of Polarization-selective Thermal Emitters

10.4 Industry Chain Structure of Polarization-selective Thermal Emitters

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Polarization-selective Thermal Emitters Distributors

11.3 Polarization-selective Thermal Emitters Customer

## **12 WORLD FORECAST REVIEW FOR POLARIZATION-SELECTIVE THERMAL EMITTERS BY GEOGRAPHIC REGION**

12.1 Global Polarization-selective Thermal Emitters Market Size Forecast by Region

12.1.1 Global Polarization-selective Thermal Emitters Forecast by Region (2027-2032)

12.1.2 Global Polarization-selective Thermal Emitters Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Polarization-selective Thermal Emitters Forecast by Type (2027-2032)

12.7 Global Polarization-selective Thermal Emitters Forecast by Application (2027-2032)

## 13 KEY PLAYERS ANALYSIS

### 13.1 Infrasolid

13.1.1 Infrasolid Company Information

13.1.2 Infrasolid Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.1.3 Infrasolid Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Infrasolid Main Business Overview

13.1.5 Infrasolid Latest Developments

### 13.2 Excelitas

13.2.1 Excelitas Company Information

13.2.2 Excelitas Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.2.3 Excelitas Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Excelitas Main Business Overview

13.2.5 Excelitas Latest Developments

### 13.3 Thorlabs

13.3.1 Thorlabs Company Information

13.3.2 Thorlabs Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.3.3 Thorlabs Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Thorlabs Main Business Overview

13.3.5 Thorlabs Latest Developments

### 13.4 Opalux

13.4.1 Opalux Company Information

13.4.2 Opalux Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.4.3 Opalux Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Opalux Main Business Overview

13.4.5 Opalux Latest Developments

### 13.5 Crystal IS

13.5.1 Crystal IS Company Information

13.5.2 Crystal IS Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.5.3 Crystal IS Polarization-selective Thermal Emitters Sales, Revenue, Price and

## Gross Margin (2021-2026)

13.5.4 Crystal IS Main Business Overview

13.5.5 Crystal IS Latest Developments

## 13.6 IPG Photonics

13.6.1 IPG Photonics Company Information

13.6.2 IPG Photonics Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.6.3 IPG Photonics Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 IPG Photonics Main Business Overview

13.6.5 IPG Photonics Latest Developments

## 13.7 Photonic Lattice

13.7.1 Photonic Lattice Company Information

13.7.2 Photonic Lattice Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.7.3 Photonic Lattice Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Photonic Lattice Main Business Overview

13.7.5 Photonic Lattice Latest Developments

## 13.8 Furukawa Electric

13.8.1 Furukawa Electric Company Information

13.8.2 Furukawa Electric Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.8.3 Furukawa Electric Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Furukawa Electric Main Business Overview

13.8.5 Furukawa Electric Latest Developments

## 13.9 Gooch & Housego

13.9.1 Gooch & Housego Company Information

13.9.2 Gooch & Housego Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.9.3 Gooch & Housego Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Gooch & Housego Main Business Overview

13.9.5 Gooch & Housego Latest Developments

## 13.10 Hamamatsu Photonics

13.10.1 Hamamatsu Photonics Company Information

13.10.2 Hamamatsu Photonics Polarization-selective Thermal Emitters Product Portfolios and Specifications

13.10.3 Hamamatsu Photonics Polarization-selective Thermal Emitters Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Hamamatsu Photonics Main Business Overview

13.10.5 Hamamatsu Photonics Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Polarization-selective Thermal Emitters Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Polarization-selective Thermal Emitters Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Normal Incidence Type

Table 4. Major Players of Wide Angle Type

Table 5. Global Polarization-selective Thermal Emitters Sales by Type (2021-2026) & (Units)

Table 6. Global Polarization-selective Thermal Emitters Sales Market Share by Type (2021-2026)

Table 7. Global Polarization-selective Thermal Emitters Revenue by Type (2021-2026) & (\$ million)

Table 8. Global Polarization-selective Thermal Emitters Revenue Market Share by Type (2021-2026)

Table 9. Global Polarization-selective Thermal Emitters Sale Price by Type (2021-2026) & (US\$/Unit)

Table 10. Major Players of NIR (0.8–2.5  $\mu$ m)

Table 11. Major Players of MWIR (3–5  $\mu$ m)

Table 12. Major Players of LWIR (8–14  $\mu$ m)

Table 13. Global Polarization-selective Thermal Emitters Sales by Spectral Band (2021-2026) & (Units)

Table 14. Global Polarization-selective Thermal Emitters Sales Market Share by Spectral Band (2021-2026)

Table 15. Global Polarization-selective Thermal Emitters Revenue by Spectral Band (2021-2026) & (\$ million)

Table 16. Global Polarization-selective Thermal Emitters Revenue Market Share by Spectral Band (2021-2026)

Table 17. Global Polarization-selective Thermal Emitters Sale Price by Spectral Band (2021-2026) & (US\$/Unit)

Table 18. Global Polarization-selective Thermal Emitters Sale by Application (2021-2026) & (Units)

Table 19. Global Polarization-selective Thermal Emitters Sale Market Share by Application (2021-2026)

Table 20. Global Polarization-selective Thermal Emitters Revenue by Application (2021-2026) & (\$ million)

Table 21. Global Polarization-selective Thermal Emitters Revenue Market Share by Application (2021-2026)

Table 22. Global Polarization-selective Thermal Emitters Sale Price by Application (2021-2026) & (US\$/Unit)

Table 23. Global Polarization-selective Thermal Emitters Sales by Company (2021-2026) & (Units)

Table 24. Global Polarization-selective Thermal Emitters Sales Market Share by Company (2021-2026)

Table 25. Global Polarization-selective Thermal Emitters Revenue by Company (2021-2026) & (\$ millions)

Table 26. Global Polarization-selective Thermal Emitters Revenue Market Share by Company (2021-2026)

Table 27. Global Polarization-selective Thermal Emitters Sale Price by Company (2021-2026) & (US\$/Unit)

Table 28. Key Manufacturers Polarization-selective Thermal Emitters Producing Area Distribution and Sales Area

Table 29. Players Polarization-selective Thermal Emitters Products Offered

Table 30. Polarization-selective Thermal Emitters Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 31. New Products and Potential Entrants

Table 32. Market M&A Activity & Strategy

Table 33. Global Polarization-selective Thermal Emitters Sales by Geographic Region (2021-2026) & (Units)

Table 34. Global Polarization-selective Thermal Emitters Sales Market Share Geographic Region (2021-2026)

Table 35. Global Polarization-selective Thermal Emitters Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 36. Global Polarization-selective Thermal Emitters Revenue Market Share by Geographic Region (2021-2026)

Table 37. Global Polarization-selective Thermal Emitters Sales by Country/Region (2021-2026) & (Units)

Table 38. Global Polarization-selective Thermal Emitters Sales Market Share by Country/Region (2021-2026)

Table 39. Global Polarization-selective Thermal Emitters Revenue by Country/Region (2021-2026) & (\$ millions)

Table 40. Global Polarization-selective Thermal Emitters Revenue Market Share by Country/Region (2021-2026)

Table 41. Americas Polarization-selective Thermal Emitters Sales by Country (2021-2026) & (Units)

Table 42. Americas Polarization-selective Thermal Emitters Sales Market Share by Country (2021-2026)

Table 43. Americas Polarization-selective Thermal Emitters Revenue by Country (2021-2026) & (\$ millions)

Table 44. Americas Polarization-selective Thermal Emitters Sales by Type (2021-2026) & (Units)

Table 45. Americas Polarization-selective Thermal Emitters Sales by Application (2021-2026) & (Units)

Table 46. APAC Polarization-selective Thermal Emitters Sales by Region (2021-2026) & (Units)

Table 47. APAC Polarization-selective Thermal Emitters Sales Market Share by Region (2021-2026)

Table 48. APAC Polarization-selective Thermal Emitters Revenue by Region (2021-2026) & (\$ millions)

Table 49. APAC Polarization-selective Thermal Emitters Sales by Type (2021-2026) & (Units)

Table 50. APAC Polarization-selective Thermal Emitters Sales by Application (2021-2026) & (Units)

Table 51. Europe Polarization-selective Thermal Emitters Sales by Country (2021-2026) & (Units)

Table 52. Europe Polarization-selective Thermal Emitters Revenue by Country (2021-2026) & (\$ millions)

Table 53. Europe Polarization-selective Thermal Emitters Sales by Type (2021-2026) & (Units)

Table 54. Europe Polarization-selective Thermal Emitters Sales by Application (2021-2026) & (Units)

Table 55. Middle East & Africa Polarization-selective Thermal Emitters Sales by Country (2021-2026) & (Units)

Table 56. Middle East & Africa Polarization-selective Thermal Emitters Revenue Market Share by Country (2021-2026)

Table 57. Middle East & Africa Polarization-selective Thermal Emitters Sales by Type (2021-2026) & (Units)

Table 58. Middle East & Africa Polarization-selective Thermal Emitters Sales by Application (2021-2026) & (Units)

Table 59. Key Market Drivers & Growth Opportunities of Polarization-selective Thermal Emitters

Table 60. Key Market Challenges & Risks of Polarization-selective Thermal Emitters

Table 61. Key Industry Trends of Polarization-selective Thermal Emitters

Table 62. Polarization-selective Thermal Emitters Raw Material

- Table 63. Key Suppliers of Raw Materials
- Table 64. Polarization-selective Thermal Emitters Distributors List
- Table 65. Polarization-selective Thermal Emitters Customer List
- Table 66. Global Polarization-selective Thermal Emitters Sales Forecast by Region (2027-2032) & (Units)
- Table 67. Global Polarization-selective Thermal Emitters Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 68. Americas Polarization-selective Thermal Emitters Sales Forecast by Country (2027-2032) & (Units)
- Table 69. Americas Polarization-selective Thermal Emitters Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 70. APAC Polarization-selective Thermal Emitters Sales Forecast by Region (2027-2032) & (Units)
- Table 71. APAC Polarization-selective Thermal Emitters Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 72. Europe Polarization-selective Thermal Emitters Sales Forecast by Country (2027-2032) & (Units)
- Table 73. Europe Polarization-selective Thermal Emitters Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 74. Middle East & Africa Polarization-selective Thermal Emitters Sales Forecast by Country (2027-2032) & (Units)
- Table 75. Middle East & Africa Polarization-selective Thermal Emitters Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 76. Global Polarization-selective Thermal Emitters Sales Forecast by Type (2027-2032) & (Units)
- Table 77. Global Polarization-selective Thermal Emitters Revenue Forecast by Type (2027-2032) & (\$ millions)
- Table 78. Global Polarization-selective Thermal Emitters Sales Forecast by Application (2027-2032) & (Units)
- Table 79. Global Polarization-selective Thermal Emitters Revenue Forecast by Application (2027-2032) & (\$ millions)
- Table 80. Infrasolid Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors
- Table 81. Infrasolid Polarization-selective Thermal Emitters Product Portfolios and Specifications
- Table 82. Infrasolid Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 83. Infrasolid Main Business
- Table 84. Infrasolid Latest Developments

Table 85. Excelitas Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 86. Excelitas Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 87. Excelitas Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 88. Excelitas Main Business

Table 89. Excelitas Latest Developments

Table 90. Thorlabs Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 91. Thorlabs Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 92. Thorlabs Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 93. Thorlabs Main Business

Table 94. Thorlabs Latest Developments

Table 95. Opalux Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 96. Opalux Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 97. Opalux Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 98. Opalux Main Business

Table 99. Opalux Latest Developments

Table 100. Crystal IS Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 101. Crystal IS Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 102. Crystal IS Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 103. Crystal IS Main Business

Table 104. Crystal IS Latest Developments

Table 105. IPG Photonics Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 106. IPG Photonics Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 107. IPG Photonics Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 108. IPG Photonics Main Business

Table 109. IPG Photonics Latest Developments

Table 110. Photonic Lattice Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 111. Photonic Lattice Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 112. Photonic Lattice Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 113. Photonic Lattice Main Business

Table 114. Photonic Lattice Latest Developments

Table 115. Furukawa Electric Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 116. Furukawa Electric Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 117. Furukawa Electric Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 118. Furukawa Electric Main Business

Table 119. Furukawa Electric Latest Developments

Table 120. Gooch & Housego Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 121. Gooch & Housego Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 122. Gooch & Housego Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 123. Gooch & Housego Main Business

Table 124. Gooch & Housego Latest Developments

Table 125. Hamamatsu Photonics Basic Information, Polarization-selective Thermal Emitters Manufacturing Base, Sales Area and Its Competitors

Table 126. Hamamatsu Photonics Polarization-selective Thermal Emitters Product Portfolios and Specifications

Table 127. Hamamatsu Photonics Polarization-selective Thermal Emitters Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 128. Hamamatsu Photonics Main Business

Table 129. Hamamatsu Photonics Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Polarization-selective Thermal Emitters
- Figure 2. Polarization-selective Thermal Emitters Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Polarization-selective Thermal Emitters Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global Polarization-selective Thermal Emitters Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Polarization-selective Thermal Emitters Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Polarization-selective Thermal Emitters Sales Market Share by Country/Region (2025)
- Figure 10. Polarization-selective Thermal Emitters Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Normal Incidence Type
- Figure 12. Product Picture of Wide Angle Type
- Figure 13. Global Polarization-selective Thermal Emitters Sales Market Share by Type in 2026
- Figure 14. Global Polarization-selective Thermal Emitters Revenue Market Share by Type (2021-2026)
- Figure 15. Product Picture of NIR (0.8–2.5  $\mu$ m)
- Figure 16. Product Picture of MWIR (3–5  $\mu$ m)
- Figure 17. Product Picture of LWIR (8–14  $\mu$ m)
- Figure 18. Global Polarization-selective Thermal Emitters Sales Market Share by Spectral Band in 2026
- Figure 19. Global Polarization-selective Thermal Emitters Revenue Market Share by Spectral Band (2021-2026)
- Figure 20. Polarization-selective Thermal Emitters Consumed in Aerospace & Defense
- Figure 21. Global Polarization-selective Thermal Emitters Market: Aerospace & Defense (2021-2026) & (Units)
- Figure 22. Polarization-selective Thermal Emitters Consumed in Energy & Power
- Figure 23. Global Polarization-selective Thermal Emitters Market: Energy & Power (2021-2026) & (Units)
- Figure 24. Polarization-selective Thermal Emitters Consumed in Industrial

Figure 25. Global Polarization-selective Thermal Emitters Market: Industrial (2021-2026) & (Units)

Figure 26. Polarization-selective Thermal Emitters Consumed in Others

Figure 27. Global Polarization-selective Thermal Emitters Market: Others (2021-2026) & (Units)

Figure 28. Global Polarization-selective Thermal Emitters Sale Market Share by Application (2025)

Figure 29. Global Polarization-selective Thermal Emitters Revenue Market Share by Application in 2026

Figure 30. Polarization-selective Thermal Emitters Sales by Company in 2026 (Units)

Figure 31. Global Polarization-selective Thermal Emitters Sales Market Share by Company in 2026

Figure 32. Polarization-selective Thermal Emitters Revenue by Company in 2026 (\$ millions)

Figure 33. Global Polarization-selective Thermal Emitters Revenue Market Share by Company in 2026

Figure 34. Global Polarization-selective Thermal Emitters Sales Market Share by Geographic Region (2021-2026)

Figure 35. Global Polarization-selective Thermal Emitters Revenue Market Share by Geographic Region in 2026

Figure 36. Americas Polarization-selective Thermal Emitters Sales 2021-2026 (Units)

Figure 37. Americas Polarization-selective Thermal Emitters Revenue 2021-2026 (\$ millions)

Figure 38. APAC Polarization-selective Thermal Emitters Sales 2021-2026 (Units)

Figure 39. APAC Polarization-selective Thermal Emitters Revenue 2021-2026 (\$ millions)

Figure 40. Europe Polarization-selective Thermal Emitters Sales 2021-2026 (Units)

Figure 41. Europe Polarization-selective Thermal Emitters Revenue 2021-2026 (\$ millions)

Figure 42. Middle East & Africa Polarization-selective Thermal Emitters Sales 2021-2026 (Units)

Figure 43. Middle East & Africa Polarization-selective Thermal Emitters Revenue 2021-2026 (\$ millions)

Figure 44. Americas Polarization-selective Thermal Emitters Sales Market Share by Country in 2026

Figure 45. Americas Polarization-selective Thermal Emitters Revenue Market Share by Country (2021-2026)

Figure 46. Americas Polarization-selective Thermal Emitters Sales Market Share by Type (2021-2026)

Figure 47. Americas Polarization-selective Thermal Emitters Sales Market Share by Application (2021-2026)

Figure 48. United States Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 49. Canada Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 50. Mexico Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 51. Brazil Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 52. APAC Polarization-selective Thermal Emitters Sales Market Share by Region in 2026

Figure 53. APAC Polarization-selective Thermal Emitters Revenue Market Share by Region (2021-2026)

Figure 54. APAC Polarization-selective Thermal Emitters Sales Market Share by Type (2021-2026)

Figure 55. APAC Polarization-selective Thermal Emitters Sales Market Share by Application (2021-2026)

Figure 56. China Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 57. Japan Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 58. South Korea Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 59. Southeast Asia Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 60. India Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 61. Australia Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 62. China Taiwan Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 63. Europe Polarization-selective Thermal Emitters Sales Market Share by Country in 2026

Figure 64. Europe Polarization-selective Thermal Emitters Revenue Market Share by Country (2021-2026)

Figure 65. Europe Polarization-selective Thermal Emitters Sales Market Share by Type (2021-2026)

Figure 66. Europe Polarization-selective Thermal Emitters Sales Market Share by

Application (2021-2026)

Figure 67. Germany Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 68. France Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 69. UK Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 70. Italy Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 71. Russia Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 72. Middle East & Africa Polarization-selective Thermal Emitters Sales Market Share by Country (2021-2026)

Figure 73. Middle East & Africa Polarization-selective Thermal Emitters Sales Market Share by Type (2021-2026)

Figure 74. Middle East & Africa Polarization-selective Thermal Emitters Sales Market Share by Application (2021-2026)

Figure 75. Egypt Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 76. South Africa Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 77. Israel Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 78. Turkey Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 79. GCC Countries Polarization-selective Thermal Emitters Revenue Growth 2021-2026 (\$ millions)

Figure 80. Manufacturing Cost Structure Analysis of Polarization-selective Thermal Emitters in 2026

Figure 81. Manufacturing Process Analysis of Polarization-selective Thermal Emitters

Figure 82. Industry Chain Structure of Polarization-selective Thermal Emitters

Figure 83. Channels of Distribution

Figure 84. Global Polarization-selective Thermal Emitters Sales Market Forecast by Region (2027-2032)

Figure 85. Global Polarization-selective Thermal Emitters Revenue Market Share Forecast by Region (2027-2032)

Figure 86. Global Polarization-selective Thermal Emitters Sales Market Share Forecast by Type (2027-2032)

Figure 87. Global Polarization-selective Thermal Emitters Revenue Market Share

Forecast by Type (2027-2032)

Figure 88. Global Polarization-selective Thermal Emitters Sales Market Share Forecast by Application (2027-2032)

Figure 89. Global Polarization-selective Thermal Emitters Revenue Market Share Forecast by Application (2027-2032)

## I would like to order

Product name: Global Polarization-selective Thermal Emitters Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GA15934AE707EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA15934AE707EN.html>