

Global LED Thermal Products Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GF584F13CCDEN.html>

Date: January 2024

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: GF584F13CCDEN

Abstracts

According to our (Global Info Research) latest study, the global LED Thermal Products market size was valued at USD 2333.7 million in 2023 and is forecast to a readjusted size of USD 4759.7 million by 2030 with a CAGR of 10.7% during review period.

Most of the electricity in an LED becomes heat rather than light (about 70% heat and 30% light). If this heat is not removed, the LEDs run at high temperatures, which not only lowers their efficiency, but also makes the LED less reliable. Therefore, LED Thermal Products are used to remove or decrease the heat that created by LED.

Global LED Thermal Products key players include Sunonwealth, Aavid Thermalloy, Cree Inc., SiTime(Mega), etc.

China is the largest market, with a share nearly 30%, followed by Europe and North America, both have a share over 45 percent.

In terms of product, Heat Sink covered over 35 % of the market share, and is projected to dominate the market. And based on of application, the largest application is Residential, followed by Office, etc.

The Global Info Research report includes an overview of the development of the LED Thermal Products industry chain, the market status of Residential (Heat Sink, Ceramic PCB), Office (Heat Sink, Ceramic PCB), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of LED Thermal Products.

Regionally, the report analyzes the LED Thermal Products markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global LED Thermal Products market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the LED Thermal Products market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the LED Thermal Products industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Heat Sink, Ceramic PCB).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the LED Thermal Products market.

Regional Analysis: The report involves examining the LED Thermal Products market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the LED Thermal Products market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to LED Thermal Products:

Company Analysis: Report covers individual LED Thermal Products manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and

strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards LED Thermal Products. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Residential, Office).

Technology Analysis: Report covers specific technologies relevant to LED Thermal Products. It assesses the current state, advancements, and potential future developments in LED Thermal Products areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the LED Thermal Products market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

LED Thermal Products market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Heat Sink

Ceramic PCB

Fansink

Thermal Clad Board

Thermally Conductive Pad

Others

Market segment by Application

Residential

Office

Industrial

Shop

Automotive

Others

Major players covered

Sunonwealth

Aavid Thermalloy

Cree Inc.

3M

ebm-papst Group

Bergquist

t-Global Technology

Molex, LLC

Dialight

Wakefield-Vette

Ohmite

TE Connectivity

Advanced Thermal Solutions Inc.

LEDdynamics Inc.

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 LED Thermal Products product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of LED Thermal Products, with price, sales, revenue and global market share of LED Thermal Products from 2019 to 2024.

Chapter 3, the LED Thermal Products competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the LED Thermal Products breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and LED Thermal Products market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 LED Thermal Products.

Chapter 14 and 15, to describe LED Thermal Products sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of LED Thermal Products

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global LED Thermal Products Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Heat Sink

1.3.3 Ceramic PCB

1.3.4 Fansink

1.3.5 Thermal Clad Board

1.3.6 Thermally Conductive Pad

1.3.7 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global LED Thermal Products Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Residential

1.4.3 Office

1.4.4 Industrial

1.4.5 Shop

1.4.6 Automotive

1.4.7 Others

1.5 Global LED Thermal Products Market Size & Forecast

1.5.1 Global LED Thermal Products Consumption Value (2019 & 2023 & 2030)

1.5.2 Global LED Thermal Products Sales Quantity (2019-2030)

1.5.3 Global LED Thermal Products Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Sunonwealth

2.1.1 Sunonwealth Details

2.1.2 Sunonwealth Major Business

2.1.3 Sunonwealth LED Thermal Products Product and Services

2.1.4 Sunonwealth LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Sunonwealth Recent Developments/Updates

2.2 Aavid Thermalloy

- 2.2.1 Aavid Thermalloy Details
- 2.2.2 Aavid Thermalloy Major Business
- 2.2.3 Aavid Thermalloy LED Thermal Products Product and Services
- 2.2.4 Aavid Thermalloy LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Aavid Thermalloy Recent Developments/Updates
- 2.3 Cree Inc.
 - 2.3.1 Cree Inc. Details
 - 2.3.2 Cree Inc. Major Business
 - 2.3.3 Cree Inc. LED Thermal Products Product and Services
 - 2.3.4 Cree Inc. LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Cree Inc. Recent Developments/Updates
- 2.4 3M
 - 2.4.1 3M Details
 - 2.4.2 3M Major Business
 - 2.4.3 3M LED Thermal Products Product and Services
 - 2.4.4 3M LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 3M Recent Developments/Updates
- 2.5 ebm-papst Group
 - 2.5.1 ebm-papst Group Details
 - 2.5.2 ebm-papst Group Major Business
 - 2.5.3 ebm-papst Group LED Thermal Products Product and Services
 - 2.5.4 ebm-papst Group LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 ebm-papst Group Recent Developments/Updates
- 2.6 Bergquist
 - 2.6.1 Bergquist Details
 - 2.6.2 Bergquist Major Business
 - 2.6.3 Bergquist LED Thermal Products Product and Services
 - 2.6.4 Bergquist LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Bergquist Recent Developments/Updates
- 2.7 t-Global Technology
 - 2.7.1 t-Global Technology Details
 - 2.7.2 t-Global Technology Major Business
 - 2.7.3 t-Global Technology LED Thermal Products Product and Services
 - 2.7.4 t-Global Technology LED Thermal Products Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 t-Global Technology Recent Developments/Updates

2.8 Molex, LLC

2.8.1 Molex, LLC Details

2.8.2 Molex, LLC Major Business

2.8.3 Molex, LLC LED Thermal Products Product and Services

2.8.4 Molex, LLC LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Molex, LLC Recent Developments/Updates

2.9 Dialight

2.9.1 Dialight Details

2.9.2 Dialight Major Business

2.9.3 Dialight LED Thermal Products Product and Services

2.9.4 Dialight LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Dialight Recent Developments/Updates

2.10 Wakefield-Vette

2.10.1 Wakefield-Vette Details

2.10.2 Wakefield-Vette Major Business

2.10.3 Wakefield-Vette LED Thermal Products Product and Services

2.10.4 Wakefield-Vette LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Wakefield-Vette Recent Developments/Updates

2.11 Ohmite

2.11.1 Ohmite Details

2.11.2 Ohmite Major Business

2.11.3 Ohmite LED Thermal Products Product and Services

2.11.4 Ohmite LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Ohmite Recent Developments/Updates

2.12 TE Connectivity

2.12.1 TE Connectivity Details

2.12.2 TE Connectivity Major Business

2.12.3 TE Connectivity LED Thermal Products Product and Services

2.12.4 TE Connectivity LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 TE Connectivity Recent Developments/Updates

2.13 Advanced Thermal Solutions Inc.

2.13.1 Advanced Thermal Solutions Inc. Details

- 2.13.2 Advanced Thermal Solutions Inc. Major Business
- 2.13.3 Advanced Thermal Solutions Inc. LED Thermal Products Product and Services
- 2.13.4 Advanced Thermal Solutions Inc. LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 Advanced Thermal Solutions Inc. Recent Developments/Updates
- 2.14 LEDdynamics Inc.
 - 2.14.1 LEDdynamics Inc. Details
 - 2.14.2 LEDdynamics Inc. Major Business
 - 2.14.3 LEDdynamics Inc. LED Thermal Products Product and Services
 - 2.14.4 LEDdynamics Inc. LED Thermal Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.14.5 LEDdynamics Inc. Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: LED THERMAL PRODUCTS BY MANUFACTURER

- 3.1 Global LED Thermal Products Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global LED Thermal Products Revenue by Manufacturer (2019-2024)
- 3.3 Global LED Thermal Products Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of LED Thermal Products by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 LED Thermal Products Manufacturer Market Share in 2023
 - 3.4.2 Top 6 LED Thermal Products Manufacturer Market Share in 2023
- 3.5 LED Thermal Products Market: Overall Company Footprint Analysis
 - 3.5.1 LED Thermal Products Market: Region Footprint
 - 3.5.2 LED Thermal Products Market: Company Product Type Footprint
 - 3.5.3 LED Thermal Products 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 LED Thermal Products Market Size by Region
 - 4.1.1 Global LED Thermal Products Sales Quantity by Region (2019-2030)
 - 4.1.2 Global LED Thermal Products Consumption Value by Region (2019-2030)
 - 4.1.3 Global LED Thermal Products Average Price by Region (2019-2030)
- 4.2 North America LED Thermal Products Consumption Value (2019-2030)
- 4.3 Europe LED Thermal Products Consumption Value (2019-2030)

- 4.4 Asia-Pacific LED Thermal Products Consumption Value (2019-2030)
- 4.5 South America LED Thermal Products Consumption Value (2019-2030)
- 4.6 Middle East and Africa LED Thermal Products Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global LED Thermal Products Sales Quantity by Type (2019-2030)
- 5.2 Global LED Thermal Products Consumption Value by Type (2019-2030)
- 5.3 Global LED Thermal Products Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global LED Thermal Products Sales Quantity by Application (2019-2030)
- 6.2 Global LED Thermal Products Consumption Value by Application (2019-2030)
- 6.3 Global LED Thermal Products Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America LED Thermal Products Sales Quantity by Type (2019-2030)
- 7.2 North America LED Thermal Products Sales Quantity by Application (2019-2030)
- 7.3 North America LED Thermal Products Market Size by Country
 - 7.3.1 North America LED Thermal Products Sales Quantity by Country (2019-2030)
 - 7.3.2 North America LED Thermal Products Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe LED Thermal Products Sales Quantity by Type (2019-2030)
- 8.2 Europe LED Thermal Products Sales Quantity by Application (2019-2030)
- 8.3 Europe LED Thermal Products Market Size by Country
 - 8.3.1 Europe LED Thermal Products Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe LED Thermal Products Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
 - 8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific LED Thermal Products Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific LED Thermal Products Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific LED Thermal Products Market Size by Region
 - 9.3.1 Asia-Pacific LED Thermal Products Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific LED Thermal Products Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America LED Thermal Products Sales Quantity by Type (2019-2030)
- 10.2 South America LED Thermal Products Sales Quantity by Application (2019-2030)
- 10.3 South America LED Thermal Products Market Size by Country
 - 10.3.1 South America LED Thermal Products Sales Quantity by Country (2019-2030)
 - 10.3.2 South America LED Thermal Products Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa LED Thermal Products Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa LED Thermal Products Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa LED Thermal Products Market Size by Country
 - 11.3.1 Middle East & Africa LED Thermal Products Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa LED Thermal Products Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 LED Thermal Products Market Drivers

12.2 LED Thermal Products Market Restraints

12.3 LED Thermal Products 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 LED Thermal Products and Key Manufacturers

13.2 Manufacturing Costs Percentage of LED Thermal Products

13.3 LED Thermal Products Production Process

13.4 LED Thermal Products Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 LED Thermal Products Typical Distributors

14.3 LED Thermal Products 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 LED Thermal Products Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global LED Thermal Products Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Sunonwealth Basic Information, Manufacturing Base and Competitors

Table 4. Sunonwealth Major Business

Table 5. Sunonwealth LED Thermal Products Product and Services

Table 6. Sunonwealth LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Sunonwealth Recent Developments/Updates

Table 8. Aavid Thermalloy Basic Information, Manufacturing Base and Competitors

Table 9. Aavid Thermalloy Major Business

Table 10. Aavid Thermalloy LED Thermal Products Product and Services

Table 11. Aavid Thermalloy LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Aavid Thermalloy Recent Developments/Updates

Table 13. Cree Inc. Basic Information, Manufacturing Base and Competitors

Table 14. Cree Inc. Major Business

Table 15. Cree Inc. LED Thermal Products Product and Services

Table 16. Cree Inc. LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Cree Inc. Recent Developments/Updates

Table 18. 3M Basic Information, Manufacturing Base and Competitors

Table 19. 3M Major Business

Table 20. 3M LED Thermal Products Product and Services

Table 21. 3M LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. 3M Recent Developments/Updates

Table 23. ebm-papst Group Basic Information, Manufacturing Base and Competitors

Table 24. ebm-papst Group Major Business

Table 25. ebm-papst Group LED Thermal Products Product and Services

Table 26. ebm-papst Group LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. ebm-papst Group Recent Developments/Updates

Table 28. Bergquist Basic Information, Manufacturing Base and Competitors

Table 29. Bergquist Major Business

Table 30. Bergquist LED Thermal Products Product and Services

Table 31. Bergquist LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Bergquist Recent Developments/Updates

Table 33. t-Global Technology Basic Information, Manufacturing Base and Competitors

Table 34. t-Global Technology Major Business

Table 35. t-Global Technology LED Thermal Products Product and Services

Table 36. t-Global Technology LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. t-Global Technology Recent Developments/Updates

Table 38. Molex, LLC Basic Information, Manufacturing Base and Competitors

Table 39. Molex, LLC Major Business

Table 40. Molex, LLC LED Thermal Products Product and Services

Table 41. Molex, LLC LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Molex, LLC Recent Developments/Updates

Table 43. Dialight Basic Information, Manufacturing Base and Competitors

Table 44. Dialight Major Business

Table 45. Dialight LED Thermal Products Product and Services

Table 46. Dialight LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Dialight Recent Developments/Updates

Table 48. Wakefield-Vette Basic Information, Manufacturing Base and Competitors

Table 49. Wakefield-Vette Major Business

Table 50. Wakefield-Vette LED Thermal Products Product and Services

Table 51. Wakefield-Vette LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Wakefield-Vette Recent Developments/Updates

Table 53. Ohmite Basic Information, Manufacturing Base and Competitors

Table 54. Ohmite Major Business

Table 55. Ohmite LED Thermal Products Product and Services

Table 56. Ohmite LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Ohmite Recent Developments/Updates

Table 58. TE Connectivity Basic Information, Manufacturing Base and Competitors

Table 59. TE Connectivity Major Business

Table 60. TE Connectivity LED Thermal Products Product and Services

- Table 61. TE Connectivity LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 62. TE Connectivity Recent Developments/Updates
- Table 63. Advanced Thermal Solutions Inc. Basic Information, Manufacturing Base and Competitors
- Table 64. Advanced Thermal Solutions Inc. Major Business
- Table 65. Advanced Thermal Solutions Inc. LED Thermal Products Product and Services
- Table 66. Advanced Thermal Solutions Inc. LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 67. Advanced Thermal Solutions Inc. Recent Developments/Updates
- Table 68. LEDdynamics Inc. Basic Information, Manufacturing Base and Competitors
- Table 69. LEDdynamics Inc. Major Business
- Table 70. LEDdynamics Inc. LED Thermal Products Product and Services
- Table 71. LEDdynamics Inc. LED Thermal Products Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 72. LEDdynamics Inc. Recent Developments/Updates
- Table 73. Global LED Thermal Products Sales Quantity by Manufacturer (2019-2024) & (K Units)
- Table 74. Global LED Thermal Products Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 75. Global LED Thermal Products Average Price by Manufacturer (2019-2024) & (USD/Unit)
- Table 76. Market Position of Manufacturers in LED Thermal Products, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 77. Head Office and LED Thermal Products Production Site of Key Manufacturer
- Table 78. LED Thermal Products Market: Company Product Type Footprint
- Table 79. LED Thermal Products Market: Company Product Application Footprint
- Table 80. LED Thermal Products New Market Entrants and Barriers to Market Entry
- Table 81. LED Thermal Products Mergers, Acquisition, Agreements, and Collaborations
- Table 82. Global LED Thermal Products Sales Quantity by Region (2019-2024) & (K Units)
- Table 83. Global LED Thermal Products Sales Quantity by Region (2025-2030) & (K Units)
- Table 84. Global LED Thermal Products Consumption Value by Region (2019-2024) & (USD Million)
- Table 85. Global LED Thermal Products Consumption Value by Region (2025-2030) & (USD Million)

Table 86. Global LED Thermal Products Average Price by Region (2019-2024) & (USD/Unit)

Table 87. Global LED Thermal Products Average Price by Region (2025-2030) & (USD/Unit)

Table 88. Global LED Thermal Products Sales Quantity by Type (2019-2024) & (K Units)

Table 89. Global LED Thermal Products Sales Quantity by Type (2025-2030) & (K Units)

Table 90. Global LED Thermal Products Consumption Value by Type (2019-2024) & (USD Million)

Table 91. Global LED Thermal Products Consumption Value by Type (2025-2030) & (USD Million)

Table 92. Global LED Thermal Products Average Price by Type (2019-2024) & (USD/Unit)

Table 93. Global LED Thermal Products Average Price by Type (2025-2030) & (USD/Unit)

Table 94. Global LED Thermal Products Sales Quantity by Application (2019-2024) & (K Units)

Table 95. Global LED Thermal Products Sales Quantity by Application (2025-2030) & (K Units)

Table 96. Global LED Thermal Products Consumption Value by Application (2019-2024) & (USD Million)

Table 97. Global LED Thermal Products Consumption Value by Application (2025-2030) & (USD Million)

Table 98. Global LED Thermal Products Average Price by Application (2019-2024) & (USD/Unit)

Table 99. Global LED Thermal Products Average Price by Application (2025-2030) & (USD/Unit)

Table 100. North America LED Thermal Products Sales Quantity by Type (2019-2024) & (K Units)

Table 101. North America LED Thermal Products Sales Quantity by Type (2025-2030) & (K Units)

Table 102. North America LED Thermal Products Sales Quantity by Application (2019-2024) & (K Units)

Table 103. North America LED Thermal Products Sales Quantity by Application (2025-2030) & (K Units)

Table 104. North America LED Thermal Products Sales Quantity by Country (2019-2024) & (K Units)

Table 105. North America LED Thermal Products Sales Quantity by Country

(2025-2030) & (K Units)

Table 106. North America LED Thermal Products Consumption Value by Country (2019-2024) & (USD Million)

Table 107. North America LED Thermal Products Consumption Value by Country (2025-2030) & (USD Million)

Table 108. Europe LED Thermal Products Sales Quantity by Type (2019-2024) & (K Units)

Table 109. Europe LED Thermal Products Sales Quantity by Type (2025-2030) & (K Units)

Table 110. Europe LED Thermal Products Sales Quantity by Application (2019-2024) & (K Units)

Table 111. Europe LED Thermal Products Sales Quantity by Application (2025-2030) & (K Units)

Table 112. Europe LED Thermal Products Sales Quantity by Country (2019-2024) & (K Units)

Table 113. Europe LED Thermal Products Sales Quantity by Country (2025-2030) & (K Units)

Table 114. Europe LED Thermal Products Consumption Value by Country (2019-2024) & (USD Million)

Table 115. Europe LED Thermal Products Consumption Value by Country (2025-2030) & (USD Million)

Table 116. Asia-Pacific LED Thermal Products Sales Quantity by Type (2019-2024) & (K Units)

Table 117. Asia-Pacific LED Thermal Products Sales Quantity by Type (2025-2030) & (K Units)

Table 118. Asia-Pacific LED Thermal Products Sales Quantity by Application (2019-2024) & (K Units)

Table 119. Asia-Pacific LED Thermal Products Sales Quantity by Application (2025-2030) & (K Units)

Table 120. Asia-Pacific LED Thermal Products Sales Quantity by Region (2019-2024) & (K Units)

Table 121. Asia-Pacific LED Thermal Products Sales Quantity by Region (2025-2030) & (K Units)

Table 122. Asia-Pacific LED Thermal Products Consumption Value by Region (2019-2024) & (USD Million)

Table 123. Asia-Pacific LED Thermal Products Consumption Value by Region (2025-2030) & (USD Million)

Table 124. South America LED Thermal Products Sales Quantity by Type (2019-2024) & (K Units)

Table 125. South America LED Thermal Products Sales Quantity by Type (2025-2030) & (K Units)

Table 126. South America LED Thermal Products Sales Quantity by Application (2019-2024) & (K Units)

Table 127. South America LED Thermal Products Sales Quantity by Application (2025-2030) & (K Units)

Table 128. South America LED Thermal Products Sales Quantity by Country (2019-2024) & (K Units)

Table 129. South America LED Thermal Products Sales Quantity by Country (2025-2030) & (K Units)

Table 130. South America LED Thermal Products Consumption Value by Country (2019-2024) & (USD Million)

Table 131. South America LED Thermal Products Consumption Value by Country (2025-2030) & (USD Million)

Table 132. Middle East & Africa LED Thermal Products Sales Quantity by Type (2019-2024) & (K Units)

Table 133. Middle East & Africa LED Thermal Products Sales Quantity by Type (2025-2030) & (K Units)

Table 134. Middle East & Africa LED Thermal Products Sales Quantity by Application (2019-2024) & (K Units)

Table 135. Middle East & Africa LED Thermal Products Sales Quantity by Application (2025-2030) & (K Units)

Table 136. Middle East & Africa LED Thermal Products Sales Quantity by Region (2019-2024) & (K Units)

Table 137. Middle East & Africa LED Thermal Products Sales Quantity by Region (2025-2030) & (K Units)

Table 138. Middle East & Africa LED Thermal Products Consumption Value by Region (2019-2024) & (USD Million)

Table 139. Middle East & Africa LED Thermal Products Consumption Value by Region (2025-2030) & (USD Million)

Table 140. LED Thermal Products Raw Material

Table 141. Key Manufacturers of LED Thermal Products Raw Materials

Table 142. LED Thermal Products Typical Distributors

Table 143. LED Thermal Products Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. LED Thermal Products Picture

Figure 2. Global LED Thermal Products Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global LED Thermal Products Consumption Value Market Share by Type in 2023

Figure 4. Heat Sink Examples

Figure 5. Ceramic PCB Examples

Figure 6. Fansink Examples

Figure 7. Thermal Clad Board Examples

Figure 8. Thermally Conductive Pad Examples

Figure 9. Others Examples

Figure 10. Global LED Thermal Products Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 11. Global LED Thermal Products Consumption Value Market Share by Application in 2023

Figure 12. Residential Examples

Figure 13. Office Examples

Figure 14. Industrial Examples

Figure 15. Shop Examples

Figure 16. Automotive Examples

Figure 17. Others Examples

Figure 18. Global LED Thermal Products Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 19. Global LED Thermal Products Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 20. Global LED Thermal Products Sales Quantity (2019-2030) & (K Units)

Figure 21. Global LED Thermal Products Average Price (2019-2030) & (USD/Unit)

Figure 22. Global LED Thermal Products Sales Quantity Market Share by Manufacturer in 2023

Figure 23. Global LED Thermal Products Consumption Value Market Share by Manufacturer in 2023

Figure 24. Producer Shipments of LED Thermal Products by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 25. Top 3 LED Thermal Products Manufacturer (Consumption Value) Market Share in 2023

Figure 26. Top 6 LED Thermal Products Manufacturer (Consumption Value) Market Share in 2023

Figure 27. Global LED Thermal Products Sales Quantity Market Share by Region (2019-2030)

Figure 28. Global LED Thermal Products Consumption Value Market Share by Region (2019-2030)

Figure 29. North America LED Thermal Products Consumption Value (2019-2030) & (USD Million)

Figure 30. Europe LED Thermal Products Consumption Value (2019-2030) & (USD Million)

Figure 31. Asia-Pacific LED Thermal Products Consumption Value (2019-2030) & (USD Million)

Figure 32. South America LED Thermal Products Consumption Value (2019-2030) & (USD Million)

Figure 33. Middle East & Africa LED Thermal Products Consumption Value (2019-2030) & (USD Million)

Figure 34. Global LED Thermal Products Sales Quantity Market Share by Type (2019-2030)

Figure 35. Global LED Thermal Products Consumption Value Market Share by Type (2019-2030)

Figure 36. Global LED Thermal Products Average Price by Type (2019-2030) & (USD/Unit)

Figure 37. Global LED Thermal Products Sales Quantity Market Share by Application (2019-2030)

Figure 38. Global LED Thermal Products Consumption Value Market Share by Application (2019-2030)

Figure 39. Global LED Thermal Products Average Price by Application (2019-2030) & (USD/Unit)

Figure 40. North America LED Thermal Products Sales Quantity Market Share by Type (2019-2030)

Figure 41. North America LED Thermal Products Sales Quantity Market Share by Application (2019-2030)

Figure 42. North America LED Thermal Products Sales Quantity Market Share by Country (2019-2030)

Figure 43. North America LED Thermal Products Consumption Value Market Share by Country (2019-2030)

Figure 44. United States LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. Canada LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 46. Mexico LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 47. Europe LED Thermal Products Sales Quantity Market Share by Type

(2019-2030)

Figure 48. Europe LED Thermal Products Sales Quantity Market Share by Application

(2019-2030)

Figure 49. Europe LED Thermal Products Sales Quantity Market Share by Country

(2019-2030)

Figure 50. Europe LED Thermal Products Consumption Value Market Share by Country

(2019-2030)

Figure 51. Germany LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 52. France LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 53. United Kingdom LED Thermal Products Consumption Value and Growth

Rate (2019-2030) & (USD Million)

Figure 54. Russia LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 55. Italy LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 56. Asia-Pacific LED Thermal Products Sales Quantity Market Share by Type

(2019-2030)

Figure 57. Asia-Pacific LED Thermal Products Sales Quantity Market Share by

Application (2019-2030)

Figure 58. Asia-Pacific LED Thermal Products Sales Quantity Market Share by Region

(2019-2030)

Figure 59. Asia-Pacific LED Thermal Products Consumption Value Market Share by

Region (2019-2030)

Figure 60. China LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 61. Japan LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 62. Korea LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 63. India LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 64. Southeast Asia LED Thermal Products Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 65. Australia LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. South America LED Thermal Products Sales Quantity Market Share by Type (2019-2030)

Figure 67. South America LED Thermal Products Sales Quantity Market Share by Application (2019-2030)

Figure 68. South America LED Thermal Products Sales Quantity Market Share by Country (2019-2030)

Figure 69. South America LED Thermal Products Consumption Value Market Share by Country (2019-2030)

Figure 70. Brazil LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Argentina LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Middle East & Africa LED Thermal Products Sales Quantity Market Share by Type (2019-2030)

Figure 73. Middle East & Africa LED Thermal Products Sales Quantity Market Share by Application (2019-2030)

Figure 74. Middle East & Africa LED Thermal Products Sales Quantity Market Share by Region (2019-2030)

Figure 75. Middle East & Africa LED Thermal Products Consumption Value Market Share by Region (2019-2030)

Figure 76. Turkey LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. Egypt LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. Saudi Arabia LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 79. South Africa LED Thermal Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 80. LED Thermal Products Market Drivers

Figure 81. LED Thermal Products Market Restraints

Figure 82. LED Thermal Products Market Trends

Figure 83. Porters Five Forces Analysis

Figure 84. Manufacturing Cost Structure Analysis of LED Thermal Products in 2023

Figure 85. Manufacturing Process Analysis of LED Thermal Products

Figure 86. LED Thermal Products Industrial Chain

Figure 87. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 88. Direct Channel Pros & Cons

Figure 89. Indirect Channel Pros & Cons

Figure 90. Methodology

Figure 91. Research Process and Data Source

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