

Global UVC LED Chips Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global UVC LED Chips market size was valued at USD 398.2 million in 2023 and is forecast to a readjusted size of USD 538.4 million by 2030 with a CAGR of 4.4% during review period.

UVC LED Chips can be used in some products to disinfect, such as sterilization lamp, sterilization box, disinfection robot, water purifier and refrigerator.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

The Global Info Research report includes an overview of the development of the UVC LED Chips industry chain, the market status of Sterilization Lamp (Wavelength,265nm, Wavelength,275nm), Sterilization Box (Wavelength,265nm, Wavelength,275nm), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of UVC LED Chips.

Regionally, the report analyzes the UVC LED Chips 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 UVC LED Chips market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the UVC LED Chips 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 UVC LED Chips 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., Wavelength,265nm, Wavelength,275nm).

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 UVC LED Chips market.

Regional Analysis: The report involves examining the UVC LED Chips 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 UVC LED Chips market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to UVC LED Chips:

Company Analysis: Report covers individual UVC LED Chips 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 UVC LED Chips. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Sterilization Lamp, Sterilization Box).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the UVC LED Chips 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

UVC LED Chips 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

Wavelength,265nm

Wavelength,275nm

Wavelength,280nm

Others

Market segment by Application

Sterilization Lamp

Sterilization Box

Disinfection Robot

Water Purifier

Refrigerator

Others

Major players covered

Photon Wave Co

Osram

Nichia

Epitop Optoelectronic

Sanan Optoelectronics Co

Hubei DUVTek Co

Advanced Ultraviolet Optoelectronics Co

Foshan NationStar Optoelectronics Co

OptoTech

Epileds

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 UVC LED Chips product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the UVC LED Chips 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 UVC LED Chips 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 UVC LED Chips.

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

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of UVC LED Chips
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global UVC LED Chips Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Wavelength,265nm
 - 1.3.3 Wavelength,275nm
 - 1.3.4 Wavelength,280nm
 - 1.3.5 Others
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global UVC LED Chips Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Sterilization Lamp
 - 1.4.3 Sterilization Box
 - 1.4.4 Disinfection Robot
 - 1.4.5 Water Purifier
 - 1.4.6 Refrigerator
 - 1.4.7 Others
- 1.5 Global UVC LED Chips Market Size & Forecast
 - 1.5.1 Global UVC LED Chips Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global UVC LED Chips Sales Quantity (2019-2030)
 - 1.5.3 Global UVC LED Chips Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Photon Wave Co
 - 2.1.1 Photon Wave Co Details
 - 2.1.2 Photon Wave Co Major Business
 - 2.1.3 Photon Wave Co UVC LED Chips Product and Services
 - 2.1.4 Photon Wave Co UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Photon Wave Co Recent Developments/Updates
- 2.2 Osram
 - 2.2.1 Osram Details
 - 2.2.2 Osram Major Business

- 2.2.3 Osram UVC LED Chips Product and Services
- 2.2.4 Osram UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Osram Recent Developments/Updates
- 2.3 Nichia
 - 2.3.1 Nichia Details
 - 2.3.2 Nichia Major Business
 - 2.3.3 Nichia UVC LED Chips Product and Services
 - 2.3.4 Nichia UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Nichia Recent Developments/Updates
- 2.4 Epitop Optoelectronic
 - 2.4.1 Epitop Optoelectronic Details
 - 2.4.2 Epitop Optoelectronic Major Business
 - 2.4.3 Epitop Optoelectronic UVC LED Chips Product and Services
 - 2.4.4 Epitop Optoelectronic UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Epitop Optoelectronic Recent Developments/Updates
- 2.5 Sanan Optoelectronics Co
 - 2.5.1 Sanan Optoelectronics Co Details
 - 2.5.2 Sanan Optoelectronics Co Major Business
 - 2.5.3 Sanan Optoelectronics Co UVC LED Chips Product and Services
 - 2.5.4 Sanan Optoelectronics Co UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Sanan Optoelectronics Co Recent Developments/Updates
- 2.6 Hubei DUVTek Co
 - 2.6.1 Hubei DUVTek Co Details
 - 2.6.2 Hubei DUVTek Co Major Business
 - 2.6.3 Hubei DUVTek Co UVC LED Chips Product and Services
 - 2.6.4 Hubei DUVTek Co UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Hubei DUVTek Co Recent Developments/Updates
- 2.7 Advanced Ultraviolet Optoelectronics Co
 - 2.7.1 Advanced Ultraviolet Optoelectronics Co Details
 - 2.7.2 Advanced Ultraviolet Optoelectronics Co Major Business
 - 2.7.3 Advanced Ultraviolet Optoelectronics Co UVC LED Chips Product and Services
 - 2.7.4 Advanced Ultraviolet Optoelectronics Co UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Advanced Ultraviolet Optoelectronics Co Recent Developments/Updates

2.8 Foshan NationStar Optoelectronics Co

2.8.1 Foshan NationStar Optoelectronics Co Details

2.8.2 Foshan NationStar Optoelectronics Co Major Business

2.8.3 Foshan NationStar Optoelectronics Co UVC LED Chips Product and Services

2.8.4 Foshan NationStar Optoelectronics Co UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Foshan NationStar Optoelectronics Co Recent Developments/Updates

2.9 OptoTech

2.9.1 OptoTech Details

2.9.2 OptoTech Major Business

2.9.3 OptoTech UVC LED Chips Product and Services

2.9.4 OptoTech UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 OptoTech Recent Developments/Updates

2.10 Epileds

2.10.1 Epileds Details

2.10.2 Epileds Major Business

2.10.3 Epileds UVC LED Chips Product and Services

2.10.4 Epileds UVC LED Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Epileds Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: UVC LED CHIPS BY MANUFACTURER

3.1 Global UVC LED Chips Sales Quantity by Manufacturer (2019-2024)

3.2 Global UVC LED Chips Revenue by Manufacturer (2019-2024)

3.3 Global UVC LED Chips Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of UVC LED Chips by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 UVC LED Chips Manufacturer Market Share in 2023

3.4.2 Top 6 UVC LED Chips Manufacturer Market Share in 2023

3.5 UVC LED Chips Market: Overall Company Footprint Analysis

3.5.1 UVC LED Chips Market: Region Footprint

3.5.2 UVC LED Chips Market: Company Product Type Footprint

3.5.3 UVC LED Chips 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 UVC LED Chips Market Size by Region

4.1.1 Global UVC LED Chips Sales Quantity by Region (2019-2030)

4.1.2 Global UVC LED Chips Consumption Value by Region (2019-2030)

4.1.3 Global UVC LED Chips Average Price by Region (2019-2030)

4.2 North America UVC LED Chips Consumption Value (2019-2030)

4.3 Europe UVC LED Chips Consumption Value (2019-2030)

4.4 Asia-Pacific UVC LED Chips Consumption Value (2019-2030)

4.5 South America UVC LED Chips Consumption Value (2019-2030)

4.6 Middle East and Africa UVC LED Chips Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global UVC LED Chips Sales Quantity by Type (2019-2030)

5.2 Global UVC LED Chips Consumption Value by Type (2019-2030)

5.3 Global UVC LED Chips Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global UVC LED Chips Sales Quantity by Application (2019-2030)

6.2 Global UVC LED Chips Consumption Value by Application (2019-2030)

6.3 Global UVC LED Chips Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America UVC LED Chips Sales Quantity by Type (2019-2030)

7.2 North America UVC LED Chips Sales Quantity by Application (2019-2030)

7.3 North America UVC LED Chips Market Size by Country

7.3.1 North America UVC LED Chips Sales Quantity by Country (2019-2030)

7.3.2 North America UVC LED Chips 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 UVC LED Chips Sales Quantity by Type (2019-2030)

8.2 Europe UVC LED Chips Sales Quantity by Application (2019-2030)

8.3 Europe UVC LED Chips Market Size by Country

- 8.3.1 Europe UVC LED Chips Sales Quantity by Country (2019-2030)
- 8.3.2 Europe UVC LED Chips 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 UVC LED Chips Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific UVC LED Chips Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific UVC LED Chips Market Size by Region
 - 9.3.1 Asia-Pacific UVC LED Chips Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific UVC LED Chips 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 UVC LED Chips Sales Quantity by Type (2019-2030)
- 10.2 South America UVC LED Chips Sales Quantity by Application (2019-2030)
- 10.3 South America UVC LED Chips Market Size by Country
 - 10.3.1 South America UVC LED Chips Sales Quantity by Country (2019-2030)
 - 10.3.2 South America UVC LED Chips 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 UVC LED Chips Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa UVC LED Chips Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa UVC LED Chips Market Size by Country
 - 11.3.1 Middle East & Africa UVC LED Chips Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa UVC LED Chips 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 UVC LED Chips Market Drivers

12.2 UVC LED Chips Market Restraints

12.3 UVC LED Chips 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 UVC LED Chips and Key Manufacturers

13.2 Manufacturing Costs Percentage of UVC LED Chips

13.3 UVC LED Chips Production Process

13.4 UVC LED Chips Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 UVC LED Chips Typical Distributors

14.3 UVC LED Chips 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 UVC LED Chips Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

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

Table 3. Photon Wave Co Basic Information, Manufacturing Base and Competitors

Table 4. Photon Wave Co Major Business

Table 5. Photon Wave Co UVC LED Chips Product and Services

Table 6. Photon Wave Co UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Photon Wave Co Recent Developments/Updates

Table 8. Osram Basic Information, Manufacturing Base and Competitors

Table 9. Osram Major Business

Table 10. Osram UVC LED Chips Product and Services

Table 11. Osram UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Osram Recent Developments/Updates

Table 13. Nichia Basic Information, Manufacturing Base and Competitors

Table 14. Nichia Major Business

Table 15. Nichia UVC LED Chips Product and Services

Table 16. Nichia UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Nichia Recent Developments/Updates

Table 18. Epitop Optoelectronic Basic Information, Manufacturing Base and Competitors

Table 19. Epitop Optoelectronic Major Business

Table 20. Epitop Optoelectronic UVC LED Chips Product and Services

Table 21. Epitop Optoelectronic UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Epitop Optoelectronic Recent Developments/Updates

Table 23. Sanan Optoelectronics Co Basic Information, Manufacturing Base and Competitors

Table 24. Sanan Optoelectronics Co Major Business

Table 25. Sanan Optoelectronics Co UVC LED Chips Product and Services

Table 26. Sanan Optoelectronics Co UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Sanan Optoelectronics Co Recent Developments/Updates
Table 28. Hubei DUVTek Co Basic Information, Manufacturing Base and Competitors
Table 29. Hubei DUVTek Co Major Business
Table 30. Hubei DUVTek Co UVC LED Chips Product and Services
Table 31. Hubei DUVTek Co UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 32. Hubei DUVTek Co Recent Developments/Updates
Table 33. Advanced Ultraviolet Optoelectronics Co Basic Information, Manufacturing Base and Competitors
Table 34. Advanced Ultraviolet Optoelectronics Co Major Business
Table 35. Advanced Ultraviolet Optoelectronics Co UVC LED Chips Product and Services
Table 36. Advanced Ultraviolet Optoelectronics Co UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 37. Advanced Ultraviolet Optoelectronics Co Recent Developments/Updates
Table 38. Foshan NationStar Optoelectronics Co Basic Information, Manufacturing Base and Competitors
Table 39. Foshan NationStar Optoelectronics Co Major Business
Table 40. Foshan NationStar Optoelectronics Co UVC LED Chips Product and Services
Table 41. Foshan NationStar Optoelectronics Co UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 42. Foshan NationStar Optoelectronics Co Recent Developments/Updates
Table 43. OptoTech Basic Information, Manufacturing Base and Competitors
Table 44. OptoTech Major Business
Table 45. OptoTech UVC LED Chips Product and Services
Table 46. OptoTech UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 47. OptoTech Recent Developments/Updates
Table 48. Epileds Basic Information, Manufacturing Base and Competitors
Table 49. Epileds Major Business
Table 50. Epileds UVC LED Chips Product and Services
Table 51. Epileds UVC LED Chips Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 52. Epileds Recent Developments/Updates
Table 53. Global UVC LED Chips Sales Quantity by Manufacturer (2019-2024) & (K Units)
Table 54. Global UVC LED Chips Revenue by Manufacturer (2019-2024) & (USD

Million)

Table 55. Global UVC LED Chips Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 56. Market Position of Manufacturers in UVC LED Chips, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 57. Head Office and UVC LED Chips Production Site of Key Manufacturer

Table 58. UVC LED Chips Market: Company Product Type Footprint

Table 59. UVC LED Chips Market: Company Product Application Footprint

Table 60. UVC LED Chips New Market Entrants and Barriers to Market Entry

Table 61. UVC LED Chips Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global UVC LED Chips Sales Quantity by Region (2019-2024) & (K Units)

Table 63. Global UVC LED Chips Sales Quantity by Region (2025-2030) & (K Units)

Table 64. Global UVC LED Chips Consumption Value by Region (2019-2024) & (USD Million)

Table 65. Global UVC LED Chips Consumption Value by Region (2025-2030) & (USD Million)

Table 66. Global UVC LED Chips Average Price by Region (2019-2024) & (USD/Unit)

Table 67. Global UVC LED Chips Average Price by Region (2025-2030) & (USD/Unit)

Table 68. Global UVC LED Chips Sales Quantity by Type (2019-2024) & (K Units)

Table 69. Global UVC LED Chips Sales Quantity by Type (2025-2030) & (K Units)

Table 70. Global UVC LED Chips Consumption Value by Type (2019-2024) & (USD Million)

Table 71. Global UVC LED Chips Consumption Value by Type (2025-2030) & (USD Million)

Table 72. Global UVC LED Chips Average Price by Type (2019-2024) & (USD/Unit)

Table 73. Global UVC LED Chips Average Price by Type (2025-2030) & (USD/Unit)

Table 74. Global UVC LED Chips Sales Quantity by Application (2019-2024) & (K Units)

Table 75. Global UVC LED Chips Sales Quantity by Application (2025-2030) & (K Units)

Table 76. Global UVC LED Chips Consumption Value by Application (2019-2024) & (USD Million)

Table 77. Global UVC LED Chips Consumption Value by Application (2025-2030) & (USD Million)

Table 78. Global UVC LED Chips Average Price by Application (2019-2024) & (USD/Unit)

Table 79. Global UVC LED Chips Average Price by Application (2025-2030) & (USD/Unit)

Table 80. North America UVC LED Chips Sales Quantity by Type (2019-2024) & (K Units)

Table 81. North America UVC LED Chips Sales Quantity by Type (2025-2030) & (K

Units)

Table 82. North America UVC LED Chips Sales Quantity by Application (2019-2024) & (K Units)

Table 83. North America UVC LED Chips Sales Quantity by Application (2025-2030) & (K Units)

Table 84. North America UVC LED Chips Sales Quantity by Country (2019-2024) & (K Units)

Table 85. North America UVC LED Chips Sales Quantity by Country (2025-2030) & (K Units)

Table 86. North America UVC LED Chips Consumption Value by Country (2019-2024) & (USD Million)

Table 87. North America UVC LED Chips Consumption Value by Country (2025-2030) & (USD Million)

Table 88. Europe UVC LED Chips Sales Quantity by Type (2019-2024) & (K Units)

Table 89. Europe UVC LED Chips Sales Quantity by Type (2025-2030) & (K Units)

Table 90. Europe UVC LED Chips Sales Quantity by Application (2019-2024) & (K Units)

Table 91. Europe UVC LED Chips Sales Quantity by Application (2025-2030) & (K Units)

Table 92. Europe UVC LED Chips Sales Quantity by Country (2019-2024) & (K Units)

Table 93. Europe UVC LED Chips Sales Quantity by Country (2025-2030) & (K Units)

Table 94. Europe UVC LED Chips Consumption Value by Country (2019-2024) & (USD Million)

Table 95. Europe UVC LED Chips Consumption Value by Country (2025-2030) & (USD Million)

Table 96. Asia-Pacific UVC LED Chips Sales Quantity by Type (2019-2024) & (K Units)

Table 97. Asia-Pacific UVC LED Chips Sales Quantity by Type (2025-2030) & (K Units)

Table 98. Asia-Pacific UVC LED Chips Sales Quantity by Application (2019-2024) & (K Units)

Table 99. Asia-Pacific UVC LED Chips Sales Quantity by Application (2025-2030) & (K Units)

Table 100. Asia-Pacific UVC LED Chips Sales Quantity by Region (2019-2024) & (K Units)

Table 101. Asia-Pacific UVC LED Chips Sales Quantity by Region (2025-2030) & (K Units)

Table 102. Asia-Pacific UVC LED Chips Consumption Value by Region (2019-2024) & (USD Million)

Table 103. Asia-Pacific UVC LED Chips Consumption Value by Region (2025-2030) & (USD Million)

Table 104. South America UVC LED Chips Sales Quantity by Type (2019-2024) & (K Units)

Table 105. South America UVC LED Chips Sales Quantity by Type (2025-2030) & (K Units)

Table 106. South America UVC LED Chips Sales Quantity by Application (2019-2024) & (K Units)

Table 107. South America UVC LED Chips Sales Quantity by Application (2025-2030) & (K Units)

Table 108. South America UVC LED Chips Sales Quantity by Country (2019-2024) & (K Units)

Table 109. South America UVC LED Chips Sales Quantity by Country (2025-2030) & (K Units)

Table 110. South America UVC LED Chips Consumption Value by Country (2019-2024) & (USD Million)

Table 111. South America UVC LED Chips Consumption Value by Country (2025-2030) & (USD Million)

Table 112. Middle East & Africa UVC LED Chips Sales Quantity by Type (2019-2024) & (K Units)

Table 113. Middle East & Africa UVC LED Chips Sales Quantity by Type (2025-2030) & (K Units)

Table 114. Middle East & Africa UVC LED Chips Sales Quantity by Application (2019-2024) & (K Units)

Table 115. Middle East & Africa UVC LED Chips Sales Quantity by Application (2025-2030) & (K Units)

Table 116. Middle East & Africa UVC LED Chips Sales Quantity by Region (2019-2024) & (K Units)

Table 117. Middle East & Africa UVC LED Chips Sales Quantity by Region (2025-2030) & (K Units)

Table 118. Middle East & Africa UVC LED Chips Consumption Value by Region (2019-2024) & (USD Million)

Table 119. Middle East & Africa UVC LED Chips Consumption Value by Region (2025-2030) & (USD Million)

Table 120. UVC LED Chips Raw Material

Table 121. Key Manufacturers of UVC LED Chips Raw Materials

Table 122. UVC LED Chips Typical Distributors

Table 123. UVC LED Chips Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. UVC LED Chips Picture

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

Figure 3. Global UVC LED Chips Consumption Value Market Share by Type in 2023

Figure 4. Wavelength,265nm Examples

Figure 5. Wavelength,275nm Examples

Figure 6. Wavelength,280nm Examples

Figure 7. Others Examples

Figure 8. Global UVC LED Chips Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global UVC LED Chips Consumption Value Market Share by Application in 2023

Figure 10. Sterilization Lamp Examples

Figure 11. Sterilization Box Examples

Figure 12. Disinfection Robot Examples

Figure 13. Water Purifier Examples

Figure 14. Refrigerator Examples

Figure 15. Others Examples

Figure 16. Global UVC LED Chips Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 17. Global UVC LED Chips Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 18. Global UVC LED Chips Sales Quantity (2019-2030) & (K Units)

Figure 19. Global UVC LED Chips Average Price (2019-2030) & (USD/Unit)

Figure 20. Global UVC LED Chips Sales Quantity Market Share by Manufacturer in 2023

Figure 21. Global UVC LED Chips Consumption Value Market Share by Manufacturer in 2023

Figure 22. Producer Shipments of UVC LED Chips by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 23. Top 3 UVC LED Chips Manufacturer (Consumption Value) Market Share in 2023

Figure 24. Top 6 UVC LED Chips Manufacturer (Consumption Value) Market Share in 2023

Figure 25. Global UVC LED Chips Sales Quantity Market Share by Region (2019-2030)

Figure 26. Global UVC LED Chips Consumption Value Market Share by Region (2019-2030)

Figure 27. North America UVC LED Chips Consumption Value (2019-2030) & (USD Million)

Figure 28. Europe UVC LED Chips Consumption Value (2019-2030) & (USD Million)

Figure 29. Asia-Pacific UVC LED Chips Consumption Value (2019-2030) & (USD Million)

Figure 30. South America UVC LED Chips Consumption Value (2019-2030) & (USD Million)

Figure 31. Middle East & Africa UVC LED Chips Consumption Value (2019-2030) & (USD Million)

Figure 32. Global UVC LED Chips Sales Quantity Market Share by Type (2019-2030)

Figure 33. Global UVC LED Chips Consumption Value Market Share by Type (2019-2030)

Figure 34. Global UVC LED Chips Average Price by Type (2019-2030) & (USD/Unit)

Figure 35. Global UVC LED Chips Sales Quantity Market Share by Application (2019-2030)

Figure 36. Global UVC LED Chips Consumption Value Market Share by Application (2019-2030)

Figure 37. Global UVC LED Chips Average Price by Application (2019-2030) & (USD/Unit)

Figure 38. North America UVC LED Chips Sales Quantity Market Share by Type (2019-2030)

Figure 39. North America UVC LED Chips Sales Quantity Market Share by Application (2019-2030)

Figure 40. North America UVC LED Chips Sales Quantity Market Share by Country (2019-2030)

Figure 41. North America UVC LED Chips Consumption Value Market Share by Country (2019-2030)

Figure 42. United States UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Canada UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. Mexico UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. Europe UVC LED Chips Sales Quantity Market Share by Type (2019-2030)

Figure 46. Europe UVC LED Chips Sales Quantity Market Share by Application (2019-2030)

Figure 47. Europe UVC LED Chips Sales Quantity Market Share by Country

(2019-2030)

Figure 48. Europe UVC LED Chips Consumption Value Market Share by Country

(2019-2030)

Figure 49. Germany UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. France UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. United Kingdom UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Russia UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Italy UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Asia-Pacific UVC LED Chips Sales Quantity Market Share by Type (2019-2030)

Figure 55. Asia-Pacific UVC LED Chips Sales Quantity Market Share by Application (2019-2030)

Figure 56. Asia-Pacific UVC LED Chips Sales Quantity Market Share by Region (2019-2030)

Figure 57. Asia-Pacific UVC LED Chips Consumption Value Market Share by Region (2019-2030)

Figure 58. China UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Japan UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Korea UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. India UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Southeast Asia UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. Australia UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. South America UVC LED Chips Sales Quantity Market Share by Type (2019-2030)

Figure 65. South America UVC LED Chips Sales Quantity Market Share by Application (2019-2030)

Figure 66. South America UVC LED Chips Sales Quantity Market Share by Country (2019-2030)

Figure 67. South America UVC LED Chips Consumption Value Market Share by Country (2019-2030)

Figure 68. Brazil UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Argentina UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Middle East & Africa UVC LED Chips Sales Quantity Market Share by Type (2019-2030)

Figure 71. Middle East & Africa UVC LED Chips Sales Quantity Market Share by Application (2019-2030)

Figure 72. Middle East & Africa UVC LED Chips Sales Quantity Market Share by Region (2019-2030)

Figure 73. Middle East & Africa UVC LED Chips Consumption Value Market Share by Region (2019-2030)

Figure 74. Turkey UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Egypt UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Saudi Arabia UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. South Africa UVC LED Chips Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. UVC LED Chips Market Drivers

Figure 79. UVC LED Chips Market Restraints

Figure 80. UVC LED Chips Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of UVC LED Chips in 2023

Figure 83. Manufacturing Process Analysis of UVC LED Chips

Figure 84. UVC LED Chips Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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