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Global Ultra-high Brightness GaN-based LED Chips Market Growth 2026-2032

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Abstracts

The global Ultra-high Brightness GaN-based LED Chips market size is predicted to grow from US$ million in 2025 to US$ million in 2032; it is expected to grow at a CAGR of %from 2026 to 2032.

United States market for Ultra-high Brightness GaN-based LED Chips 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 Ultra-high Brightness GaN-based LED Chips 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 Ultra-high Brightness GaN-based LED Chips is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Ultra-high Brightness GaN-based LED Chips players cover Seoul Viosys, Cree, OSRAM, Toshiba, HC SemiTek, 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 “Ultra-high Brightness GaN-based LED Chips Industry Forecast” looks at past sales and reviews total world Ultra-high Brightness GaN-based LED Chips sales in 2025, providing a comprehensive analysis by region and market sector of projected Ultra-high Brightness GaN-based LED Chips sales for 2026 through 2032. With Ultra-high Brightness GaN-based LED Chips sales broken down by region, market sector and sub-sector, this report provides a

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detailed analysis in US$ millions of the world Ultra-high Brightness GaN-based LED Chips industry.

This Insight Report provides a comprehensive analysis of the global Ultra-high Brightness GaN-based LED Chips 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 Ultra-high Brightness GaN-based LED Chips portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Ultra-high Brightness GaN-based LED Chips market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Ultra-high Brightness GaN-based LED Chips 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 Ultra-high Brightness GaN-based LED Chips.

This report presents a comprehensive overview, market shares, and growth opportunities of Ultra-high Brightness GaN-based LED Chips market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Blue Light

White Light

Segmentation by Application:

Electric

Automobile

Others

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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

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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.

Seoul Viosys

Cree

OSRAM

Toshiba

HC SemiTek

Nichia

Philips Lumileds

Toyoda Gosei

ETI

Tyntek

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Key Questions Addressed in this Report

What is the 10-year outlook for the global Ultra-high Brightness GaN-based LED Chips market?

What factors are driving Ultra-high Brightness GaN-based LED Chips market growth, globally and by region?

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

How do Ultra-high Brightness GaN-based LED Chips market opportunities vary by end market size?

How does Ultra-high Brightness GaN-based LED Chips break out by Type, by Application?

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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 Ultra-high Brightness GaN-based LED Chips Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Ultra-high Brightness GaN-based LED Chips by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Ultra-high Brightness GaN-based LED Chips by Country/Region, 2021, 2025 & 2032
2.2 Ultra-high Brightness GaN-based LED Chips Segment by Type
  2.2.1 Blue Light
  2.2.2 White Light
  2.2.3 Ultra-high Brightness GaN-based LED Chips Sales by Type
    2.2.3.1 Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Type (2021-2026)
    2.2.3.2 Global Ultra-high Brightness GaN-based LED Chips Revenue and Market Share by Type (2021-2026)
    2.2.3.3 Global Ultra-high Brightness GaN-based LED Chips Sale Price by Type (2021-2026)
2.3 Ultra-high Brightness GaN-based LED Chips Segment by Application
  2.3.1 Electric
  2.3.2 Automobile
  2.3.3 Others
  2.3.4 Ultra-high Brightness GaN-based LED Chips Sales by Application
    2.3.4.1 Global Ultra-high Brightness GaN-based LED Chips Sale Market Share by Application (2021-2026)
    2.3.4.2 Global Ultra-high Brightness GaN-based LED Chips Revenue and Market

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Share by Application (2021-2026)
2.3.4.3 Global Ultra-high Brightness GaN-based LED Chips Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Ultra-high Brightness GaN-based LED Chips Breakdown Data by Company
3.1.1 Global Ultra-high Brightness GaN-based LED Chips Annual Sales by Company (2021-2026)
3.1.2 Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Company (2021-2026)
3.2 Global Ultra-high Brightness GaN-based LED Chips Annual Revenue by Company (2021-2026)
3.2.1 Global Ultra-high Brightness GaN-based LED Chips Revenue by Company (2021-2026)
3.2.2 Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Company (2021-2026)
3.3 Global Ultra-high Brightness GaN-based LED Chips Sale Price by Company
3.4 Key Manufacturers Ultra-high Brightness GaN-based LED Chips Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Ultra-high Brightness GaN-based LED Chips Product Location Distribution
3.4.2 Players Ultra-high Brightness GaN-based LED Chips 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 ULTRA-HIGH BRIGHTNESS GAN-BASED LED CHIPS BY GEOGRAPHIC REGION

4.1 World Historic Ultra-high Brightness GaN-based LED Chips Market Size by Geographic Region (2021-2026)
4.1.1 Global Ultra-high Brightness GaN-based LED Chips Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Ultra-high Brightness GaN-based LED Chips Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Ultra-high Brightness GaN-based LED Chips Market Size by

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Country/Region (2021-2026)
4.2.1 Global Ultra-high Brightness GaN-based LED Chips Annual Sales by Country/Region (2021-2026)
4.2.2 Global Ultra-high Brightness GaN-based LED Chips Annual Revenue by Country/Region (2021-2026)
4.3 Americas Ultra-high Brightness GaN-based LED Chips Sales Growth
4.4 APAC Ultra-high Brightness GaN-based LED Chips Sales Growth
4.5 Europe Ultra-high Brightness GaN-based LED Chips Sales Growth
4.6 Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales Growth

5 AMERICAS

5.1 Americas Ultra-high Brightness GaN-based LED Chips Sales by Country
5.1.1 Americas Ultra-high Brightness GaN-based LED Chips Sales by Country (2021-2026)
5.1.2 Americas Ultra-high Brightness GaN-based LED Chips Revenue by Country (2021-2026)
5.2 Americas Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026)
5.3 Americas Ultra-high Brightness GaN-based LED Chips Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Ultra-high Brightness GaN-based LED Chips Sales by Region
6.1.1 APAC Ultra-high Brightness GaN-based LED Chips Sales by Region (2021-2026)
6.1.2 APAC Ultra-high Brightness GaN-based LED Chips Revenue by Region (2021-2026)
6.2 APAC Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026)
6.3 APAC Ultra-high Brightness GaN-based LED Chips Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia

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6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Ultra-high Brightness GaN-based LED Chips by Country
7.1.1 Europe Ultra-high Brightness GaN-based LED Chips Sales by Country (2021-2026)
7.1.2 Europe Ultra-high Brightness GaN-based LED Chips Revenue by Country (2021-2026)
7.2 Europe Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026)
7.3 Europe Ultra-high Brightness GaN-based LED Chips 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 Ultra-high Brightness GaN-based LED Chips by Country
8.1.1 Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales by Country (2021-2026)
8.1.2 Middle East & Africa Ultra-high Brightness GaN-based LED Chips Revenue by Country (2021-2026)
8.2 Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026)
8.3 Middle East & Africa Ultra-high Brightness GaN-based LED Chips 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

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info@marketpublishers.com

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 Ultra-high Brightness GaN-based LED Chips
10.3 Manufacturing Process Analysis of Ultra-high Brightness GaN-based LED Chips
10.4 Industry Chain Structure of Ultra-high Brightness GaN-based LED Chips

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Ultra-high Brightness GaN-based LED Chips Distributors
11.3 Ultra-high Brightness GaN-based LED Chips Customer

12 WORLD FORECAST REVIEW FOR ULTRA-HIGH BRIGHTNESS GAN-BASED LED CHIPS BY GEOGRAPHIC REGION

12.1 Global Ultra-high Brightness GaN-based LED Chips Market Size Forecast by Region
  12.1.1 Global Ultra-high Brightness GaN-based LED Chips Forecast by Region (2027-2032)
  12.1.2 Global Ultra-high Brightness GaN-based LED Chips 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 Ultra-high Brightness GaN-based LED Chips Forecast by Type (2027-2032)
12.7 Global Ultra-high Brightness GaN-based LED Chips Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

+357 96 030922
info@marketpublishers.com

13.1 Seoul Viosys
13.1.1 Seoul Viosys Company Information
13.1.2 Seoul Viosys Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.1.3 Seoul Viosys Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.1.4 Seoul Viosys Main Business Overview
13.1.5 Seoul Viosys Latest Developments
13.2 Cree
13.2.1 Cree Company Information
13.2.2 Cree Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.2.3 Cree Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Cree Main Business Overview
13.2.5 Cree Latest Developments
13.3 OSRAM
13.3.1 OSRAM Company Information
13.3.2 OSRAM Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.3.3 OSRAM Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 OSRAM Main Business Overview
13.3.5 OSRAM Latest Developments
13.4 Toshiba
13.4.1 Toshiba Company Information
13.4.2 Toshiba Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.4.3 Toshiba Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 Toshiba Main Business Overview
13.4.5 Toshiba Latest Developments
13.5 HC SemiTek
13.5.1 HC SemiTek Company Information
13.5.2 HC SemiTek Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.5.3 HC SemiTek Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 HC SemiTek Main Business Overview

+357 96 030922
info@marketpublishers.com

13.5.5 HC SemiTek Latest Developments
13.6 Nichia
13.6.1 Nichia Company Information
13.6.2 Nichia Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.6.3 Nichia Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 Nichia Main Business Overview
13.6.5 Nichia Latest Developments
13.7 Philips Lumileds
13.7.1 Philips Lumileds Company Information
13.7.2 Philips Lumileds Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.7.3 Philips Lumileds Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Philips Lumileds Main Business Overview
13.7.5 Philips Lumileds Latest Developments
13.8 Toyoda Gosei
13.8.1 Toyoda Gosei Company Information
13.8.2 Toyoda Gosei Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.8.3 Toyoda Gosei Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 Toyoda Gosei Main Business Overview
13.8.5 Toyoda Gosei Latest Developments
13.9 ETI
13.9.1 ETI Company Information
13.9.2 ETI Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.9.3 ETI Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 ETI Main Business Overview
13.9.5 ETI Latest Developments
13.10 Tyntek
13.10.1 Tyntek Company Information
13.10.2 Tyntek Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
13.10.3 Tyntek Ultra-high Brightness GaN-based LED Chips Sales, Revenue, Price and Gross Margin (2021-2026)

+357 96 030922
info@marketpublishers.com

13.10.4 Tyntek Main Business Overview
13.10.5 Tyntek Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Ultra-high Brightness GaN-based LED Chips Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Ultra-high Brightness GaN-based LED Chips Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of Blue Light
Table 4. Major Players of White Light
Table 5. Global Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026) & (K Units)
Table 6. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Type (2021-2026)
Table 7. Global Ultra-high Brightness GaN-based LED Chips Revenue by Type (2021-2026) & ($ million)
Table 8. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Type (2021-2026)
Table 9. Global Ultra-high Brightness GaN-based LED Chips Sale Price by Type (2021-2026) & (US$/Unit)
Table 10. Global Ultra-high Brightness GaN-based LED Chips Sale by Application (2021-2026) & (K Units)
Table 11. Global Ultra-high Brightness GaN-based LED Chips Sale Market Share by Application (2021-2026)
Table 12. Global Ultra-high Brightness GaN-based LED Chips Revenue by Application (2021-2026) & ($ million)
Table 13. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Application (2021-2026)
Table 14. Global Ultra-high Brightness GaN-based LED Chips Sale Price by Application (2021-2026) & (US$/Unit)
Table 15. Global Ultra-high Brightness GaN-based LED Chips Sales by Company (2021-2026) & (K Units)
Table 16. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Company (2021-2026)
Table 17. Global Ultra-high Brightness GaN-based LED Chips Revenue by Company (2021-2026) & ($ millions)
Table 18. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Company (2021-2026)
Table 19. Global Ultra-high Brightness GaN-based LED Chips Sale Price by Company

+357 96 030922
info@marketpublishers.com

(2021-2026) & (US$/Unit)
Table 20. Key Manufacturers Ultra-high Brightness GaN-based LED Chips Producing Area Distribution and Sales Area
Table 21. Players Ultra-high Brightness GaN-based LED Chips Products Offered
Table 22. Ultra-high Brightness GaN-based LED Chips Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 23. New Products and Potential Entrants
Table 24. Market M&A Activity & Strategy
Table 25. Global Ultra-high Brightness GaN-based LED Chips Sales by Geographic Region (2021-2026) & (K Units)
Table 26. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share Geographic Region (2021-2026)
Table 27. Global Ultra-high Brightness GaN-based LED Chips Revenue by Geographic Region (2021-2026) & ($ millions)
Table 28. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Geographic Region (2021-2026)
Table 29. Global Ultra-high Brightness GaN-based LED Chips Sales by Country/Region (2021-2026) & (K Units)
Table 30. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Country/Region (2021-2026)
Table 31. Global Ultra-high Brightness GaN-based LED Chips Revenue by Country/Region (2021-2026) & ($ millions)
Table 32. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Country/Region (2021-2026)
Table 33. Americas Ultra-high Brightness GaN-based LED Chips Sales by Country (2021-2026) & (K Units)
Table 34. Americas Ultra-high Brightness GaN-based LED Chips Sales Market Share by Country (2021-2026)
Table 35. Americas Ultra-high Brightness GaN-based LED Chips Revenue by Country (2021-2026) & ($ millions)
Table 36. Americas Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026) & (K Units)
Table 37. Americas Ultra-high Brightness GaN-based LED Chips Sales by Application (2021-2026) & (K Units)
Table 38. APAC Ultra-high Brightness GaN-based LED Chips Sales by Region (2021-2026) & (K Units)
Table 39. APAC Ultra-high Brightness GaN-based LED Chips Sales Market Share by Region (2021-2026)
Table 40. APAC Ultra-high Brightness GaN-based LED Chips Revenue by Region

+357 96 030922
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(2021-2026) & ($ millions)
Table 41. APAC Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026) & (K Units)
Table 42. APAC Ultra-high Brightness GaN-based LED Chips Sales by Application (2021-2026) & (K Units)
Table 43. Europe Ultra-high Brightness GaN-based LED Chips Sales by Country (2021-2026) & (K Units)
Table 44. Europe Ultra-high Brightness GaN-based LED Chips Revenue by Country (2021-2026) & ($ millions)
Table 45. Europe Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026) & (K Units)
Table 46. Europe Ultra-high Brightness GaN-based LED Chips Sales by Application (2021-2026) & (K Units)
Table 47. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales by Country (2021-2026) & (K Units)
Table 48. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Country (2021-2026)
Table 49. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales by Type (2021-2026) & (K Units)
Table 50. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales by Application (2021-2026) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of Ultra-high Brightness GaN-based LED Chips
Table 52. Key Market Challenges & Risks of Ultra-high Brightness GaN-based LED Chips
Table 53. Key Industry Trends of Ultra-high Brightness GaN-based LED Chips
Table 54. Ultra-high Brightness GaN-based LED Chips Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Ultra-high Brightness GaN-based LED Chips Distributors List
Table 57. Ultra-high Brightness GaN-based LED Chips Customer List
Table 58. Global Ultra-high Brightness GaN-based LED Chips Sales Forecast by Region (2027-2032) & (K Units)
Table 59. Global Ultra-high Brightness GaN-based LED Chips Revenue Forecast by Region (2027-2032) & ($ millions)
Table 60. Americas Ultra-high Brightness GaN-based LED Chips Sales Forecast by Country (2027-2032) & (K Units)
Table 61. Americas Ultra-high Brightness GaN-based LED Chips Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 62. APAC Ultra-high Brightness GaN-based LED Chips Sales Forecast by Region

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(2027-2032) & (K Units)
Table 63. APAC Ultra-high Brightness GaN-based LED Chips Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 64. Europe Ultra-high Brightness GaN-based LED Chips Sales Forecast by Country (2027-2032) & (K Units)
Table 65. Europe Ultra-high Brightness GaN-based LED Chips Revenue Forecast by Country (2027-2032) & ($ millions)
Table 66. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales Forecast by Country (2027-2032) & (K Units)
Table 67. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Revenue Forecast by Country (2027-2032) & ($ millions)
Table 68. Global Ultra-high Brightness GaN-based LED Chips Sales Forecast by Type (2027-2032) & (K Units)
Table 69. Global Ultra-high Brightness GaN-based LED Chips Revenue Forecast by Type (2027-2032) & ($ millions)
Table 70. Global Ultra-high Brightness GaN-based LED Chips Sales Forecast by Application (2027-2032) & (K Units)
Table 71. Global Ultra-high Brightness GaN-based LED Chips Revenue Forecast by Application (2027-2032) & ($ millions)
Table 72. Seoul Viosys Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 73. Seoul Viosys Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 74. Seoul Viosys Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 75. Seoul Viosys Main Business
Table 76. Seoul Viosys Latest Developments
Table 77. Cree Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 78. Cree Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 79. Cree Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 80. Cree Main Business
Table 81. Cree Latest Developments
Table 82. OSRAM Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 83. OSRAM Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

Table 84. OSRAM Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 85. OSRAM Main Business
Table 86. OSRAM Latest Developments
Table 87. Toshiba Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 88. Toshiba Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 89. Toshiba Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 90. Toshiba Main Business
Table 91. Toshiba Latest Developments
Table 92. HC SemiTek Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 93. HC SemiTek Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 94. HC SemiTek Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 95. HC SemiTek Main Business
Table 96. HC SemiTek Latest Developments
Table 97. Nichia Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 98. Nichia Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 99. Nichia Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 100. Nichia Main Business
Table 101. Nichia Latest Developments
Table 102. Philips Lumileds Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 103. Philips Lumileds Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 104. Philips Lumileds Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 105. Philips Lumileds Main Business
Table 106. Philips Lumileds Latest Developments
Table 107. Toyoda Gosei Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 108. Toyoda Gosei Ultra-high Brightness GaN-based LED Chips Product

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Portfolios and Specifications
Table 109. Toyoda Gosei Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 110. Toyoda Gosei Main Business
Table 111. Toyoda Gosei Latest Developments
Table 112. ETI Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 113. ETI Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 114. ETI Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 115. ETI Main Business
Table 116. ETI Latest Developments
Table 117. Tyntek Basic Information, Ultra-high Brightness GaN-based LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 118. Tyntek Ultra-high Brightness GaN-based LED Chips Product Portfolios and Specifications
Table 119. Tyntek Ultra-high Brightness GaN-based LED Chips Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 120. Tyntek Main Business
Table 121. Tyntek Latest Developments

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List Of Figures

LIST OF FIGURES

Figure 1. Picture of Ultra-high Brightness GaN-based LED Chips
Figure 2. Ultra-high Brightness GaN-based LED Chips Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Ultra-high Brightness GaN-based LED Chips Sales Growth Rate 2021-2032 (K Units)
Figure 7. Global Ultra-high Brightness GaN-based LED Chips Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Ultra-high Brightness GaN-based LED Chips Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Ultra-high Brightness GaN-based LED Chips Sales Market Share by Country/Region (2025)
Figure 10. Ultra-high Brightness GaN-based LED Chips Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of Blue Light
Figure 12. Product Picture of White Light
Figure 13. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Type in 2026
Figure 14. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Type (2021-2026)
Figure 15. Ultra-high Brightness GaN-based LED Chips Consumed in Electric
Figure 16. Global Ultra-high Brightness GaN-based LED Chips Market: Electric (2021-2026) & (K Units)
Figure 17. Ultra-high Brightness GaN-based LED Chips Consumed in Automobile
Figure 18. Global Ultra-high Brightness GaN-based LED Chips Market: Automobile (2021-2026) & (K Units)
Figure 19. Ultra-high Brightness GaN-based LED Chips Consumed in Others
Figure 20. Global Ultra-high Brightness GaN-based LED Chips Market: Others (2021-2026) & (K Units)
Figure 21. Global Ultra-high Brightness GaN-based LED Chips Sale Market Share by Application (2025)
Figure 22. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Application in 2026
Figure 23. Ultra-high Brightness GaN-based LED Chips Sales by Company in 2026 (K

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Units)
Figure 24. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Company in 2026
Figure 25. Ultra-high Brightness GaN-based LED Chips Revenue by Company in 2026 ($ millions)
Figure 26. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Company in 2026
Figure 27. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share by Geographic Region (2021-2026)
Figure 28. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Geographic Region in 2026
Figure 29. Americas Ultra-high Brightness GaN-based LED Chips Sales 2021-2026 (K Units)
Figure 30. Americas Ultra-high Brightness GaN-based LED Chips Revenue 2021-2026 ($ millions)
Figure 31. APAC Ultra-high Brightness GaN-based LED Chips Sales 2021-2026 (K Units)
Figure 32. APAC Ultra-high Brightness GaN-based LED Chips Revenue 2021-2026 ($ millions)
Figure 33. Europe Ultra-high Brightness GaN-based LED Chips Sales 2021-2026 (K Units)
Figure 34. Europe Ultra-high Brightness GaN-based LED Chips Revenue 2021-2026 ($ millions)
Figure 35. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales 2021-2026 (K Units)
Figure 36. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Revenue 2021-2026 ($ millions)
Figure 37. Americas Ultra-high Brightness GaN-based LED Chips Sales Market Share by Country in 2026
Figure 38. Americas Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Country (2021-2026)
Figure 39. Americas Ultra-high Brightness GaN-based LED Chips Sales Market Share by Type (2021-2026)
Figure 40. Americas Ultra-high Brightness GaN-based LED Chips Sales Market Share by Application (2021-2026)
Figure 41. United States Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 42. Canada Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)

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Figure 43. Mexico Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 44. Brazil Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 45. APAC Ultra-high Brightness GaN-based LED Chips Sales Market Share by Region in 2026
Figure 46. APAC Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Region (2021-2026)
Figure 47. APAC Ultra-high Brightness GaN-based LED Chips Sales Market Share by Type (2021-2026)
Figure 48. APAC Ultra-high Brightness GaN-based LED Chips Sales Market Share by Application (2021-2026)
Figure 49. China Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 50. Japan Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 51. South Korea Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 52. Southeast Asia Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 53. India Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 54. Australia Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 55. China Taiwan Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 56. Europe Ultra-high Brightness GaN-based LED Chips Sales Market Share by Country in 2026
Figure 57. Europe Ultra-high Brightness GaN-based LED Chips Revenue Market Share by Country (2021-2026)
Figure 58. Europe Ultra-high Brightness GaN-based LED Chips Sales Market Share by Type (2021-2026)
Figure 59. Europe Ultra-high Brightness GaN-based LED Chips Sales Market Share by Application (2021-2026)
Figure 60. Germany Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 61. France Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 62. UK Ultra-high Brightness GaN-based LED Chips Revenue Growth

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2021-2026 ($ millions)
Figure 63. Italy Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 64. Russia Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 65. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales Market Share by Country (2021-2026)
Figure 66. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales Market Share by Type (2021-2026)
Figure 67. Middle East & Africa Ultra-high Brightness GaN-based LED Chips Sales Market Share by Application (2021-2026)
Figure 68. Egypt Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 69. South Africa Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 70. Israel Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 71. Turkey Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 72. GCC Countries Ultra-high Brightness GaN-based LED Chips Revenue Growth 2021-2026 ($ millions)
Figure 73. Manufacturing Cost Structure Analysis of Ultra-high Brightness GaN-based LED Chips in 2026
Figure 74. Manufacturing Process Analysis of Ultra-high Brightness GaN-based LED Chips
Figure 75. Industry Chain Structure of Ultra-high Brightness GaN-based LED Chips
Figure 76. Channels of Distribution
Figure 77. Global Ultra-high Brightness GaN-based LED Chips Sales Market Forecast by Region (2027-2032)
Figure 78. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share Forecast by Region (2027-2032)
Figure 79. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share Forecast by Type (2027-2032)
Figure 80. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share Forecast by Type (2027-2032)
Figure 81. Global Ultra-high Brightness GaN-based LED Chips Sales Market Share Forecast by Application (2027-2032)
Figure 82. Global Ultra-high Brightness GaN-based LED Chips Revenue Market Share Forecast by Application (2027-2032)

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