



Single-color High Power LEDs Industry Research Report 2026

Industry	Published	Pages	Format
Electronics & Semiconductor	2026-01-23	130	PDF
Single User	Multi User	Enterprise	
USD 2,950	USD 4,430	USD 5,900	

Description

The global Single-color High Power LEDs market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Single-color High Power LEDs is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Single-color High Power LEDs is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Single-color High Power LEDs is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Single-color High Power LEDs include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Single-color High Power LEDs market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Single-color High Power LEDs.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Single-color High Power LEDs Market by Company

ams OSRAM

Lite-On

BIVAR

Lumex

Broadcom
Cree LED
Everlight
Lumileds
Inolux
TT Electronics
Luminus Devices
Marktech Optoelectronics
Apem
New Energy
Vishay
Stanley Electric
Wurth Elektronik

Single-color High Power LEDs Segment by Type

1W High Power LEDs
3W High Power LEDs
5W High Power LEDs
Others

Single-color High Power LEDs Segment by Application

Automotive
Consumer Electronics
Industrial Automation
Medical
Others

Single-color High Power LEDs Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia

Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Single-color High Power LEDs market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Single-color High Power LEDs and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Single-color High Power LEDs.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Single-color High Power LEDs manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Single-color High Power LEDs by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Single-color High Power LEDs in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Single-color High Power LEDs by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 1W High Power LEDs
 - 2.2.3 3W High Power LEDs
 - 2.2.4 5W High Power LEDs
 - 2.2.5 Others
- 2.3 Single-color High Power LEDs by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Automotive
 - 2.3.3 Consumer Electronics
 - 2.3.4 Industrial Automation
 - 2.3.5 Medical
 - 2.3.6 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Single-color High Power LEDs Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Single-color High Power LEDs Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Single-color High Power LEDs Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Single-color High Power LEDs Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Single-color High Power LEDs Production by Manufacturers (2021-2026)
- 3.2 Global Single-color High Power LEDs Production Value by Manufacturers (2021-2026)
- 3.3 Global Single-color High Power LEDs Average Price by Manufacturers (2021-2026)
- 3.4 Global Single-color High Power LEDs Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Single-color High Power LEDs Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Single-color High Power LEDs Manufacturers, Product Type & Application
- 3.7 Global Single-color High Power LEDs Manufacturers Established Date
- 3.8 Global Single-color High Power LEDs Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 ams OSRAM
 - 4.1.1 ams OSRAM Single-color High Power LEDs Company Information
 - 4.1.2 ams OSRAM Single-color High Power LEDs Business Overview
 - 4.1.3 ams OSRAM Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

- 4.1.4 ams OSRAM Product Portfolio
- 4.1.5 ams OSRAM Recent Developments
- 4.2 Lite-On
 - 4.2.1 Lite-On Single-color High Power LEDs Company Information
 - 4.2.2 Lite-On Single-color High Power LEDs Business Overview
 - 4.2.3 Lite-On Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)
 - 4.2.4 Lite-On Product Portfolio
 - 4.2.5 Lite-On Recent Developments
- 4.3 BIVAR
 - 4.3.1 BIVAR Single-color High Power LEDs Company Information
 - 4.3.2 BIVAR Single-color High Power LEDs Business Overview
 - 4.3.3 BIVAR Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)
 - 4.3.4 BIVAR Product Portfolio
 - 4.3.5 BIVAR Recent Developments
- 4.4 Lumex
 - 4.4.1 Lumex Single-color High Power LEDs Company Information
 - 4.4.2 Lumex Single-color High Power LEDs Business Overview
 - 4.4.3 Lumex Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)
 - 4.4.4 Lumex Product Portfolio
 - 4.4.5 Lumex Recent Developments
- 4.5 Broadcom
 - 4.5.1 Broadcom Single-color High Power LEDs Company Information
 - 4.5.2 Broadcom Single-color High Power LEDs Business Overview
 - 4.5.3 Broadcom Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)
 - 4.5.4 Broadcom Product Portfolio
 - 4.5.5 Broadcom Recent Developments
- 4.6 Cree LED
 - 4.6.1 Cree LED Single-color High Power LEDs Company Information
 - 4.6.2 Cree LED Single-color High Power LEDs Business Overview
 - 4.6.3 Cree LED Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)
 - 4.6.4 Cree LED Product Portfolio
 - 4.6.5 Cree LED Recent Developments
- 4.7 Everlight
 - 4.7.1 Everlight Single-color High Power LEDs Company Information
 - 4.7.2 Everlight Single-color High Power LEDs Business Overview
 - 4.7.3 Everlight Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)
 - 4.7.4 Everlight Product Portfolio
 - 4.7.5 Everlight Recent Developments
- 4.8 Lumileds
 - 4.8.1 Lumileds Single-color High Power LEDs Company Information
 - 4.8.2 Lumileds Single-color High Power LEDs Business Overview
 - 4.8.3 Lumileds Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)
 - 4.8.4 Lumileds Product Portfolio
 - 4.8.5 Lumileds Recent Developments
- 4.9 Inolux
 - 4.9.1 Inolux Single-color High Power LEDs Company Information
 - 4.9.2 Inolux Single-color High Power LEDs Business Overview
 - 4.9.3 Inolux Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.9.4 Inolux Product Portfolio

4.9.5 Inolux Recent Developments

4.10 TT Electronics

4.10.1 TT Electronics Single-color High Power LEDs Company Information

4.10.2 TT Electronics Single-color High Power LEDs Business Overview

4.10.3 TT Electronics Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.10.4 TT Electronics Product Portfolio

4.10.5 TT Electronics Recent Developments

4.11 Luminus Devices

4.11.1 Luminus Devices Single-color High Power LEDs Company Information

4.11.2 Luminus Devices Single-color High Power LEDs Business Overview

4.11.3 Luminus Devices Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.11.4 Luminus Devices Product Portfolio

4.11.5 Luminus Devices Recent Developments

4.12 Marktech Optoelectronics

4.12.1 Marktech Optoelectronics Single-color High Power LEDs Company Information

4.12.2 Marktech Optoelectronics Single-color High Power LEDs Business Overview

4.12.3 Marktech Optoelectronics Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.12.4 Marktech Optoelectronics Product Portfolio

4.12.5 Marktech Optoelectronics Recent Developments

4.13 Apem

4.13.1 Apem Single-color High Power LEDs Company Information

4.13.2 Apem Single-color High Power LEDs Business Overview

4.13.3 Apem Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.13.4 Apem Product Portfolio

4.13.5 Apem Recent Developments

4.14 New Energy

4.14.1 New Energy Single-color High Power LEDs Company Information

4.14.2 New Energy Single-color High Power LEDs Business Overview

4.14.3 New Energy Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.14.4 New Energy Product Portfolio

4.14.5 New Energy Recent Developments

4.15 Vishay

4.15.1 Vishay Single-color High Power LEDs Company Information

4.15.2 Vishay Single-color High Power LEDs Business Overview

4.15.3 Vishay Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.15.4 Vishay Product Portfolio

4.15.5 Vishay Recent Developments

4.16 Stanley Electric

4.16.1 Stanley Electric Single-color High Power LEDs Company Information

4.16.2 Stanley Electric Single-color High Power LEDs Business Overview

4.16.3 Stanley Electric Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.16.4 Stanley Electric Product Portfolio

4.16.5 Stanley Electric Recent Developments

4.17 Würth Elektronik

4.17.1 Würth Elektronik Single-color High Power LEDs Company Information

4.17.2 Würth Elektronik Single-color High Power LEDs Business Overview

4.17.3 Würth Elektronik Single-color High Power LEDs Production, Value and Gross Margin (2021-2026)

4.17.4 Würth Elektronik Product Portfolio

4.17.5 Würth Elektronik Recent Developments

5 Global Single-color High Power LEDs Production by Region

5.1 Global Single-color High Power LEDs Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Single-color High Power LEDs Production by Region: 2021-2032

5.2.1 Global Single-color High Power LEDs Production by Region: 2021-2026

5.2.2 Global Single-color High Power LEDs Production Forecast by Region (2027-2032)

5.3 Global Single-color High Power LEDs Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global Single-color High Power LEDs Production Value by Region: 2021-2032

5.4.1 Global Single-color High Power LEDs Production Value by Region: 2021-2026

5.4.2 Global Single-color High Power LEDs Production Value Forecast by Region (2027-2032)

5.5 Global Single-color High Power LEDs Market Price Analysis by Region (2021-2026)

5.6 Global Single-color High Power LEDs Production and Value, YOY Growth

5.6.1 North America Single-color High Power LEDs Production Value Estimates and Forecasts (2021-2032)

5.6.2 Europe Single-color High Power LEDs Production Value Estimates and Forecasts (2021-2032)

5.6.3 China Single-color High Power LEDs Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan Single-color High Power LEDs Production Value Estimates and Forecasts (2021-2032)

5.6.5 South Korea Single-color High Power LEDs Production Value Estimates and Forecasts (2021-2032)

6 Global Single-color High Power LEDs Consumption by Region

6.1 Global Single-color High Power LEDs Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global Single-color High Power LEDs Consumption by Region (2021-2032)

6.2.1 Global Single-color High Power LEDs Consumption by Region: 2021-2026

6.2.2 Global Single-color High Power LEDs Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America Single-color High Power LEDs Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe Single-color High Power LEDs Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Single-color High Power LEDs Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

- 6.5.5 South Korea
- 6.5.6 India
- 6.5.7 Australia
- 6.5.8 Taiwan
- 6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

- 6.6.1 South America, Middle East & Africa Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
- 6.6.2 South America, Middle East & Africa Single-color High Power LEDs Consumption by Country (2021-2032)
- 6.6.3 Brazil
- 6.6.4 Argentina
- 6.6.5 Chile
- 6.6.6 Turkey
- 6.6.7 GCC Countries

7 Segment by Type

- 7.1 Global Single-color High Power LEDs Production by Type (2021-2032)
 - 7.1.1 Global Single-color High Power LEDs Production by Type (2021-2032) & (k units)
 - 7.1.2 Global Single-color High Power LEDs Production Market Share by Type (2021-2032)
- 7.2 Global Single-color High Power LEDs Production Value by Type (2021-2032)
 - 7.2.1 Global Single-color High Power LEDs Production Value by Type (2021-2032) & (US\$ Million)
 - 7.2.2 Global Single-color High Power LEDs Production Value Market Share by Type (2021-2032)
- 7.3 Global Single-color High Power LEDs Price by Type (2021-2032)

8 Segment by Application

- 8.1 Global Single-color High Power LEDs Production by Application (2021-2032)
 - 8.1.1 Global Single-color High Power LEDs Production by Application (2021-2032) & (k units)
 - 8.1.2 Global Single-color High Power LEDs Production Market Share by Application (2021-2032)
- 8.2 Global Single-color High Power LEDs Production Value by Application (2021-2032)
 - 8.2.1 Global Single-color High Power LEDs Production Value by Application (2021-2032) & (US\$ Million)
 - 8.2.2 Global Single-color High Power LEDs Production Value Market Share by Application (2021-2032)
- 8.3 Global Single-color High Power LEDs Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

- 9.1 Single-color High Power LEDs Value Chain Analysis
 - 9.1.1 Single-color High Power LEDs Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Single-color High Power LEDs Production Mode & Process
- 9.2 Single-color High Power LEDs Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Single-color High Power LEDs Distributors
 - 9.2.3 Single-color High Power LEDs Customers

10 Global Single-color High Power LEDs Analyzing Market Dynamics

- 10.1 Single-color High Power LEDs Industry Trends
- 10.2 Single-color High Power LEDs Industry Drivers
- 10.3 Single-color High Power LEDs Industry Opportunities and Challenges
- 10.4 Single-color High Power LEDs Industry Restraints

11 Report Conclusion

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Single-color High Power LEDs Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Single-color High Power LEDs Production Market Share by Manufacturers
- Table 7: Global Single-color High Power LEDs Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Single-color High Power LEDs Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Single-color High Power LEDs Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Single-color High Power LEDs Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Single-color High Power LEDs Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Single-color High Power LEDs Manufacturers, Product Type & Application
- Table 13: Global Single-color High Power LEDs Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Single-color High Power LEDs by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: ams OSRAM Company Information
- Table 18: ams OSRAM Business Overview
- Table 19: ams OSRAM Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: ams OSRAM Single-color High Power LEDs Product Portfolio
- Table 21: ams OSRAM Recent Development
- Table 22: Lite-On Company Information
- Table 23: Lite-On Business Overview
- Table 24: Lite-On Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Lite-On Single-color High Power LEDs Product Portfolio
- Table 26: Lite-On Recent Development
- Table 27: BIVAR Company Information
- Table 28: BIVAR Business Overview
- Table 29: BIVAR Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: BIVAR Single-color High Power LEDs Product Portfolio
- Table 31: BIVAR Recent Development
- Table 32: Lumex Company Information
- Table 33: Lumex Business Overview
- Table 34: Lumex Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Lumex Single-color High Power LEDs Product Portfolio
- Table 36: Lumex Recent Development
- Table 37: Broadcom Company Information
- Table 38: Broadcom Business Overview
- Table 39: Broadcom Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Broadcom Single-color High Power LEDs Product Portfolio
- Table 41: Broadcom Recent Development
- Table 42: Cree LED Company Information
- Table 43: Cree LED Business Overview
- Table 44: Cree LED Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Cree LED Single-color High Power LEDs Product Portfolio
- Table 46: Cree LED Recent Development
- Table 47: Everlight Company Information
- Table 48: Everlight Business Overview

- Table 49: Everlight Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Everlight Single-color High Power LEDs Product Portfolio
- Table 51: Everlight Recent Development
- Table 52: Lumileds Company Information
- Table 53: Lumileds Business Overview
- Table 54: Lumileds Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Lumileds Single-color High Power LEDs Product Portfolio
- Table 56: Lumileds Recent Development
- Table 57: Inolux Company Information
- Table 58: Inolux Business Overview
- Table 59: Inolux Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Inolux Single-color High Power LEDs Product Portfolio
- Table 61: Inolux Recent Development
- Table 62: TT Electronics Company Information
- Table 63: TT Electronics Business Overview
- Table 64: TT Electronics Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: TT Electronics Single-color High Power LEDs Product Portfolio
- Table 66: TT Electronics Recent Development
- Table 67: Luminus Devices Company Information
- Table 68: Luminus Devices Business Overview
- Table 69: Luminus Devices Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Luminus Devices Single-color High Power LEDs Product Portfolio
- Table 71: Luminus Devices Recent Development
- Table 72: Marktech Optoelectronics Company Information
- Table 73: Marktech Optoelectronics Business Overview
- Table 74: Marktech Optoelectronics Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Marktech Optoelectronics Single-color High Power LEDs Product Portfolio
- Table 76: Marktech Optoelectronics Recent Development
- Table 77: Apem Company Information
- Table 78: Apem Business Overview
- Table 79: Apem Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Apem Single-color High Power LEDs Product Portfolio
- Table 81: Apem Recent Development
- Table 82: New Energy Company Information
- Table 83: New Energy Business Overview
- Table 84: New Energy Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: New Energy Single-color High Power LEDs Product Portfolio
- Table 86: New Energy Recent Development
- Table 87: Vishay Company Information
- Table 88: Vishay Business Overview
- Table 89: Vishay Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: Vishay Single-color High Power LEDs Product Portfolio
- Table 91: Vishay Recent Development
- Table 92: Stanley Electric Company Information
- Table 93: Stanley Electric Business Overview
- Table 94: Stanley Electric Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: Stanley Electric Single-color High Power LEDs Product Portfolio
- Table 96: Stanley Electric Recent Development
- Table 97: Würth Elektronik Company Information
- Table 98: Würth Elektronik Business Overview
- Table 99: Würth Elektronik Single-color High Power LEDs Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 100: Würth Elektronik Single-color High Power LEDs Product Portfolio
- Table 101: Würth Elektronik Recent Development
- Table 102: Global Single-color High Power LEDs Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)

- Table 103: Global Single-color High Power LEDs Production by Region (2021-2026) & (k units)
- Table 104: Global Single-color High Power LEDs Production Market Share by Region (2021-2026)
- Table 105: Global Single-color High Power LEDs Production Forecast by Region (2027-2032) & (k units)
- Table 106: Global Single-color High Power LEDs Production Market Share Forecast by Region (2027-2032)
- Table 107: Global Single-color High Power LEDs Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 108: Global Single-color High Power LEDs Production Value by Region (2021-2026) & (US\$ Million)
- Table 109: Global Single-color High Power LEDs Production Value Market Share by Region (2021-2026)
- Table 110: Global Single-color High Power LEDs Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 111: Global Single-color High Power LEDs Market Average Price (USD/unit) by Region (2021-2026)
- Table 112: Global Single-color High Power LEDs Market Average Price (USD/unit) by Region (2027-2032)
- Table 113: Global Single-color High Power LEDs Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 114: Global Single-color High Power LEDs Consumption by Region (2021-2026) & (k units)
- Table 115: Global Single-color High Power LEDs Consumption Market Share by Region (2021-2026)
- Table 116: Global Single-color High Power LEDs Forecasted Consumption by Region (2027-2032) & (k units)
- Table 117: Global Single-color High Power LEDs Forecasted Consumption Market Share by Region (2027-2032)
- Table 118: North America Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 119: North America Single-color High Power LEDs Consumption by Country (2021-2026) & (k units)
- Table 120: North America Single-color High Power LEDs Consumption by Country (2027-2032) & (k units)
- Table 121: Europe Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 122: Europe Single-color High Power LEDs Consumption by Country (2021-2026) & (k units)
- Table 123: Europe Single-color High Power LEDs Consumption by Country (2027-2032) & (k units)
- Table 124: Asia Pacific Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 125: Asia Pacific Single-color High Power LEDs Consumption by Country (2021-2026) & (k units)
- Table 126: Asia Pacific Single-color High Power LEDs Consumption by Country (2027-2032) & (k units)
- Table 127: South America, Middle East & Africa Single-color High Power LEDs Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 128: South America, Middle East & Africa Single-color High Power LEDs Consumption by Country (2021-2026) & (k units)
- Table 129: South America, Middle East & Africa Single-color High Power LEDs Consumption by Country (2027-2032) & (k units)
- Table 130: Global Single-color High Power LEDs Production by Type (2021-2026) & (k units)
- Table 131: Global Single-color High Power LEDs Production by Type (2027-2032) & (k units)
- Table 132: Global Single-color High Power LEDs Production Market Share by Type (2021-2026)
- Table 133: Global Single-color High Power LEDs Production Market Share by Type (2027-2032)
- Table 134: Global Single-color High Power LEDs Production Value by Type (2021-2026) & (US\$ Million)
- Table 135: Global Single-color High Power LEDs Production Value by Type (2027-2032) & (US\$ Million)
- Table 136: Global Single-color High Power LEDs Production Value Market Share by Type (2021-2026)
- Table 137: Global Single-color High Power LEDs Production Value Market Share by Type (2027-2032)
- Table 138: Global Single-color High Power LEDs Price by Type (2021-2026) & (USD/unit)
- Table 139: Global Single-color High Power LEDs Price by Type (2027-2032) & (USD/unit)
- Table 140: Global Single-color High Power LEDs Production by Application (2021-2026) & (k units)
- Table 141: Global Single-color High Power LEDs Production by Application (2027-2032) & (k units)
- Table 142: Global Single-color High Power LEDs Production Market Share by Application (2021-2026)
- Table 143: Global Single-color High Power LEDs Production Market Share by Application (2027-2032)
- Table 144: Global Single-color High Power LEDs Production Value by Application (2021-2026) & (US\$ Million)
- Table 145: Global Single-color High Power LEDs Production Value by Application (2027-2032) & (US\$ Million)
- Table 146: Global Single-color High Power LEDs Production Value Market Share by Application (2021-2026)
- Table 147: Global Single-color High Power LEDs Production Value Market Share by Application (2027-2032)
- Table 148: Global Single-color High Power LEDs Price by Application (2021-2026) & (USD/unit)
- Table 149: Global Single-color High Power LEDs Price by Application (2027-2032) & (USD/unit)
- Table 150: Key Raw Materials
- Table 151: Raw Materials Key Suppliers
- Table 152: Single-color High Power LEDs Distributors List
- Table 153: Single-color High Power LEDs Customers List
- Table 154: Single-color High Power LEDs Industry Trends
- Table 155: Single-color High Power LEDs Industry Drivers
- Table 156: Single-color High Power LEDs Industry Restraints
- Table 157: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology

- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Single-color High Power LEDs Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: 1W High Power LEDs Product Image
- Figure 7: 3W High Power LEDs Product Image
- Figure 8: 5W High Power LEDs Product Image
- Figure 9: Others Product Image
- Figure 10: Automotive Product Image
- Figure 11: Consumer Electronics Product Image
- Figure 12: Industrial Automation Product Image
- Figure 13: Medical Product Image
- Figure 14: Others Product Image
- Figure 15: Global Single-color High Power LEDs Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 16: Global Single-color High Power LEDs Production Value (2021-2032) & (US\$ Million)
- Figure 17: Global Single-color High Power LEDs Production Capacity (2021-2032) & (k units)
- Figure 18: Global Single-color High Power LEDs Production (2021-2032) & (k units)
- Figure 19: Global Single-color High Power LEDs Average Price (USD/unit) & (2021-2032)
- Figure 20: Global Single-color High Power LEDs Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 21: Global Top 5 and 10 Single-color High Power LEDs Players Market Share by Production Value in 2025
- Figure 22: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Global Single-color High Power LEDs Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 24: Global Single-color High Power LEDs Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: Global Single-color High Power LEDs Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 26: Global Single-color High Power LEDs Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 27: North America Single-color High Power LEDs Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Europe Single-color High Power LEDs Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: China Single-color High Power LEDs Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Japan Single-color High Power LEDs Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: South Korea Single-color High Power LEDs Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 32: Global Single-color High Power LEDs Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 33: Global Single-color High Power LEDs Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 34: North America Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: North America Single-color High Power LEDs Consumption Market Share by Country (2021-2032)
- Figure 36: United States Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: United States Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Canada Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: Mexico Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: Europe Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Europe Single-color High Power LEDs Consumption Market Share by Country (2021-2032)
- Figure 42: Germany Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: France Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: U.K. Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Italy Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Russia Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Spain Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Netherlands Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Switzerland Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Sweden Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Poland Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Asia Pacific Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Asia Pacific Single-color High Power LEDs Consumption Market Share by Country (2021-2032)
- Figure 54: China Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Japan Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: South Korea Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: India Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: Australia Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: Taiwan Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Southeast Asia Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: South America, Middle East & Africa Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: South America, Middle East & Africa Single-color High Power LEDs Consumption Market Share by Country (2021-2032)
- Figure 63: Brazil Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)

- Figure 64: Argentina Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Chile Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: Turkey Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: GCC Countries Single-color High Power LEDs Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Global Single-color High Power LEDs Production Market Share by Type (2021-2032)
- Figure 69: Global Single-color High Power LEDs Production Value Market Share by Type (2021-2032)
- Figure 70: Global Single-color High Power LEDs Price (USD/unit) by Type (2021-2032)
- Figure 71: Global Single-color High Power LEDs Production Market Share by Application (2021-2032)
- Figure 72: Global Single-color High Power LEDs Production Value Market Share by Application (2021-2032)
- Figure 73: Global Single-color High Power LEDs Price (USD/unit) by Application (2021-2032)
- Figure 74: Single-color High Power LEDs Value Chain
- Figure 75: Single-color High Power LEDs Production Mode & Process
- Figure 76: Direct Comparison with Distribution Share
- Figure 77: Distributors Profiles
- Figure 78: Single-color High Power LEDs Industry Opportunities and Challenges