

# Infrared (IR) LED Market in Thailand - Manufacturing and Consumption, Outlook and Forecast 2020-2026

https://marketpublishers.com/r/IA23D9D83394EN.html

Date: April 2020

Pages: 100

Price: US\$ 2,700.00 (Single User License)

ID: IA23D9D83394EN

# **Abstracts**

Infrared rays are electromagnetic radiations in the nonvisible spectrum of white light, which range from 1300 to 1700 nm. Infrared light emitting diode (IR LED) is a solid-state lighting (SSL) device, which emits light in the infrared range. It spreads the light on a vast area rather than concentrating it or in other words IR LED's have a wide field of view. These LED's find their extensive use in security and surveillance cameras, along with automated driving vehicles.

This report contains market size and forecasts of Infrared (IR) LED in Thailand, including the following market information:

Thailand Infrared (IR) LED Market Revenue, 2015-2020, 2021-2026, (\$ millions)

Thailand Infrared (IR) LED Market Consumption, 2015-2020, 2021-2026, (K Units)

Thailand Infrared (IR) LED Production Capacity, 2015-2020, 2021-2026, (K Units)

Top Five Competitors in Thailand Infrared (IR) LED Market 2019 (%)

The global Infrared (IR) LED market was valued at 539.9 million in 2019 and is projected to reach US\$ 804.4 million by 2026, at a CAGR of 10.5% during the forecast period. While the Infrared (IR) LED market size in Thailand was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Infrared (IR) LED manufacturers, suppliers, distributors and industry experts on the impacts of the COVID-19 pandemic on businesses, with top challenges including ingredients and raw material delays, component and packaging shortages, reduced/cancelled orders from clients and consumers, and closures of production lines in some impacted areas. This report also analyses and evaluates the COVID-19 impact on Infrared (IR) LED production and consumption in Thailand



Total Market by Segment:

Thailand Infrared (IR) LED Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (K Units)

Thailand Infrared (IR) LED Market Segment Percentages, By Type, 2019 (%)

700nm-850nm

850nm-940nm

940nm-1020nm

1020nm-1720nm

Thailand Infrared (IR) LED Market, By Application, 2015-2020, 2021-2026 (\$ millions) & (K Units)

Thailand Infrared (IR) LED Market Segment Percentages, By Application, 2019 (%)

Security and Surveillance

Iris & Facial Recognition

Automotive

Computer and Office

**VR** Device

Others

# Competitor Analysis

The report also provides analysis of leading market participants including: Total Infrared (IR) LED Market Competitors Revenues in Thailand, by Players 2015-2020 (Estimated), (\$ millions)

Total Infrared (IR) LED Market Competitors Revenues Share in Thailand, by Players 2019 (%)



Total Thailand Infrared (IR) LED Market Competitors Sales, by Players 2015-2020 (Estimated), (K Units)

Total Thailand Infrared (IR) LED Market Competitors Sales Market Share by Players 2019 (\$ millions)

Further, the report presents profiles of competitors in the market, including the following:

EVERLIGHT
Epistar
Osram
DOWA
Lite-On Technology
Vishay Intertechnology
Luminus
Ushio
AU Optronics (Lextar)
Showa Denko (SDK)
Lumileds
Kingbright
HPLighting
ON Semiconducts



# **Contents**

### 1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Infrared (IR) LED Market Definition
- 1.2 Market Segments
- 1.2.1 Segment by Type
- 1.2.2 Segment by Application
- 1.3 Thailand Infrared (IR) LED Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

# 2 COVID-19 IMPACT: THAILAND INFRARED (IR) LED OVERALL MARKET SIZE

- 2.1 Thailand Infrared (IR) LED Market Size: 2020 VS 2026
- 2.2 Thailand Infrared (IR) LED Revenue, Prospects & Forecasts: 2015-2026
- 2.3 Thailand Infrared (IR) LED Sales (Consumption): 2015-2026

# **3 COMPANY LANDSCAPE**

- 3.1 Top Infrared (IR) LED Players in Thailand (including Foreign and Local Companies)
- 3.2 Top Thailand Infrared (IR) LED Companies Ranked by Revenue
- 3.3 Thailand Infrared (IR) LED Revenue by Companies (including Foreign and Local Companies)
- 3.4 Thailand Infrared (IR) LED Sales by Companies (including Foreign and Local Companies)
- 3.5 Thailand Infrared (IR) LED Price by Manufacturer (2015-2020)
- 3.6 Top 3 and Top 5 Infrared (IR) LED Companies in Thailand, by Revenue in 2019
- 3.7 Thailand Manufacturers Infrared (IR) LED Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Infrared (IR) LED Players in Thailand
  - 3.8.1 List of Thailand Tier 1 Infrared (IR) LED Companies
  - 3.8.2 List of Thailand Tier 2 and Tier 3 Infrared (IR) LED Companies

#### **4 SIGHTS BY PRODUCT**



### 4.1 Overview

- 4.1.1 By Type Thailand Infrared (IR) LED Market Size Markets, 2020 & 2026
- 4.1.2 700nm-850nm
- 4.1.3 850nm-940nm
- 4.1.4 940nm-1020nm
- 4.1.5 1020nm-1720nm
- 4.2 By Type Thailand Infrared (IR) LED Revenue & Forecasts
  - 4.2.1 By Type Thailand Infrared (IR) LED Revenue, 2015-2020
  - 4.2.2 By Type Thailand Infrared (IR) LED Revenue, 2021-2026
- 4.2.3 By Type Thailand Infrared (IR) LED Revenue Market Share, 2015-2026
- 4.3 By Type Thailand Infrared (IR) LED Sales & Forecasts
  - 4.3.1 By Type Thailand Infrared (IR) LED Sales, 2015-2020
  - 4.3.2 By Type Thailand Infrared (IR) LED Sales, 2021-2026
- 4.3.3 By Type Thailand Infrared (IR) LED Sales Market Share, 2015-2026
- 4.4 By Type Thailand Infrared (IR) LED Price (Manufacturers Selling Prices), 2015-2026

#### **5 SIGHTS BY APPLICATION**

# 5.1 Overview

- 5.1.1 By Application Thailand Infrared (IR) LED Market Size, 2020 & 2026
- 5.1.2 Security and Surveillance
- 5.1.3 Iris & Facial Recognition
- 5.1.4 Automotive
- 5.1.5 Computer and Office
- 5.1.6 VR Device
- **5.1.7 Others**
- 5.2 By Application Thailand Infrared (IR) LED Revenue & Forecasts
  - 5.2.1 By Application Thailand Infrared (IR) LED Revenue, 2015-2020
  - 5.2.2 By Application Thailand Infrared (IR) LED Revenue, 2021-2026
- 5.2.3 By Application Thailand Infrared (IR) LED Revenue Market Share, 2015-2026
- 5.3 By Application Thailand Infrared (IR) LED Sales & Forecasts
  - 5.3.1 By Application Thailand Infrared (IR) LED Sales, 2015-2020
  - 5.3.2 By Application Thailand Infrared (IR) LED Sales, 2021-2026
  - 5.3.3 By Application Thailand Infrared (IR) LED Sales Market Share, 2015-2026
- 5.4 By Application Thailand Infrared (IR) LED Price (Manufacturers Selling Prices), 2015-2026

### 6 MANUFACTURERS & BRANDS PROFILES



#### 6.1 EVERLIGHT

- 6.1.1 EVERLIGHT Corporate Summary
- 6.1.2 EVERLIGHT Business Overview
- 6.1.3 EVERLIGHT Infrared (IR) LED Major Product Offerings
- 6.1.4 EVERLIGHT Sales and Revenue in Thailand (2015-2020)
- 6.1.5 EVERLIGHT Key News

# 6.2 Epistar

- 6.2.1 Epistar Corporate Summary
- 6.2.2 Epistar Business Overview
- 6.2.3 Epistar Infrared (IR) LED Major Product Offerings
- 6.2.4 Epistar Sales and Revenue in Thailand (2015-2020)
- 6.2.5 Epistar Key News

#### 6.3 Osram

- 6.3.1 Osram Corporate Summary
- 6.3.2 Osram Business Overview
- 6.3.3 Osram Infrared (IR) LED Major Product Offerings
- 6.3.4 Osram Sales and Revenue in Thailand (2015-2020)
- 6.3.5 Osram Key News

# 6.4 DOWA

- 6.4.1 DOWA Corporate Summary
- 6.4.2 DOWA Business Overview
- 6.4.3 DOWA Infrared (IR) LED Major Product Offerings
- 6.4.4 DOWA Sales and Revenue in Thailand (2015-2020)
- 6.4.5 DOWA Key News

# 6.5 Lite-On Technology

- 6.5.1 Lite-On Technology Corporate Summary
- 6.5.2 Lite-On Technology Business Overview
- 6.5.3 Lite-On Technology Infrared (IR) LED Major Product Offerings
- 6.5.4 Lite-On Technology Sales and Revenue in Thailand (2015-2020)
- 6.5.5 Lite-On Technology Key News

# 6.6 Vishay Intertechnology

- 6.6.1 Vishay Intertechnology Corporate Summary
- 6.6.2 Vishay Intertechnology Business Overview
- 6.6.3 Vishay Intertechnology Infrared (IR) LED Major Product Offerings
- 6.6.4 Vishay Intertechnology Sales and Revenue in Thailand (2015-2020)
- 6.6.5 Vishay Intertechnology Key News

### 6.7 Luminus

6.6.1 Luminus Corporate Summary



- 6.6.2 Luminus Business Overview
- 6.6.3 Luminus Infrared (IR) LED Major Product Offerings
- 6.4.4 Luminus Sales and Revenue in Thailand (2015-2020)
- 6.7.5 Luminus Key News
- 6.8 Ushio
  - 6.8.1 Ushio Corporate Summary
  - 6.8.2 Ushio Business Overview
  - 6.8.3 Ushio Infrared (IR) LED Major Product Offerings
  - 6.8.4 Ushio Sales and Revenue in Thailand (2015-2020)
  - 6.8.5 Ushio Key News
- 6.9 AU Optronics (Lextar)
  - 6.9.1 AU Optronics (Lextar) Corporate Summary
  - 6.9.2 AU Optronics (Lextar) Business Overview
  - 6.9.3 AU Optronics (Lextar) Infrared (IR) LED Major Product Offerings
  - 6.9.4 AU Optronics (Lextar) Sales and Revenue in Thailand (2015-2020)
  - 6.9.5 AU Optronics (Lextar) Key News
- 6.10 Showa Denko (SDK)
  - 6.10.1 Showa Denko (SDK) Corporate Summary
  - 6.10.2 Showa Denko (SDK) Business Overview
  - 6.10.3 Showa Denko (SDK) Infrared (IR) LED Major Product Offerings
  - 6.10.4 Showa Denko (SDK) Sales and Revenue in Thailand (2015-2020)
  - 6.10.5 Showa Denko (SDK) Key News
- 6.11 Lumileds
  - 6.11.1 Lumileds Corporate Summary
  - 6.11.2 Lumileds Infrared (IR) LED Business Overview
  - 6.11.3 Lumileds Infrared (IR) LED Major Product Offerings
  - 6.11.4 Lumileds Sales and Revenue in Thailand (2015-2020)
  - 6.11.5 Lumileds Key News
- 6.12 Kingbright
  - 6.12.1 Kingbright Corporate Summary
  - 6.12.2 Kingbright Infrared (IR) LED Business Overview
  - 6.12.3 Kingbright Infrared (IR) LED Major Product Offerings
  - 6.12.4 Kingbright Sales and Revenue in Thailand (2015-2020)
  - 6.12.5 Kingbright Key News
- 6.13 HPLighting
  - 6.13.1 HPLighting Corporate Summary
  - 6.13.2 HPLighting Infrared (IR) LED Business Overview
  - 6.13.3 HPLighting Infrared (IR) LED Major Product Offerings
  - 6.13.4 HPLighting Sales and Revenue in Thailand (2015-2020)



- 6.13.5 HPLighting Key News
- 6.14 ON Semiconducts
  - 6.14.1 ON Semiconducts Corporate Summary
  - 6.14.2 ON Semiconducts Infrared (IR) LED Business Overview
  - 6.14.3 ON Semiconducts Infrared (IR) LED Major Product Offerings
  - 6.14.4 ON Semiconducts Sales and Revenue in Thailand (2015-2020)
  - 6.14.5 ON Semiconducts Key News
- 6.15 Rohm Semiconductor
  - 6.15.1 Rohm Semiconductor Corporate Summary
  - 6.15.2 Rohm Semiconductor Infrared (IR) LED Business Overview
  - 6.15.3 Rohm Semiconductor Infrared (IR) LED Major Product Offerings
  - 6.15.4 Rohm Semiconductor Sales and Revenue in Thailand (2015-2020)
  - 6.15.5 Rohm Semiconductor Key News

# 7 INFRARED (IR) LED PRODUCTION CAPACITY, EXPORT AND IMPORT ANALYSIS

- 7.1 Infrared (IR) LED Production Capacity and Value in Thailand, Situation Analysis and Prediction, 2015-2026
  - 7.1.1 Thailand Infrared (IR) LED Production Capacity, 2015-2026
  - 7.1.2 Thailand Infrared (IR) LED Production 2015-2026
- 7.1.3 Thailand Infrared (IR) LED Production Value 2015-2026
- 7.2 Key Local Infrared (IR) LED Manufacturers in Thailand
  - 7.2.1 Thailand Key Local Infrared (IR) LED Manufacturers Production Capacity
  - 7.2.2 Thailand Key Local Infrared (IR) LED Manufacturers Production
  - 7.2.3 Thailand Key Local Infrared (IR) LED Manufacturers Production Value
- 7.2.4 The Proportion of Infrared (IR) LED Production Sold in Thailand and Sold Other Than Thailand by Manufacturers
- 7.3 Infrared (IR) LED Export and Import in Thailand
  - 7.3.1 Thailand Infrared (IR) LED Export Market
  - 7.3.2 Thailand Infrared (IR) LED Source of Imports

# 8 COVID-19 IMPACT: KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 8.1 PESTLE Analysis for Thailand Infrared (IR) LED Market
- 8.2 Market Opportunities & Trends
- 8.3 Market Drivers
- 8.4 Market Restraints



# 9 COVID-19 IMPACT ON INFRARED (IR) LED SUPPLY CHAIN ANALYSIS

- 9.1 Supply Chain Analysis
- 9.2 Upstream Market Analysis
- 9.3 Downstream and Clients Market Analysis
- 9.4 Marketing Channels Analysis
  - 9.4.1 Marketing Channels
  - 9.4.2 Infrared (IR) LED Distributors and Sales Agents in Thailand

# **10 CONCLUSION**

# 11 APPENDIX

- 11.1 Note
- 11.2 Examples of Clients
- 11.3 Disclaimer



# **List Of Tables**

### LIST OF TABLES

- Table 1. Key Players of Infrared (IR) LED in Thailand
- Table 2. Top Players in Thailand, Ranking by Revenue (2019)
- Table 3. Thailand Infrared (IR) LED Revenue by Companies, (US\$, Mn), 2015-2020
- Table 4. Thailand Infrared (IR) LED Revenue Share by Companies, 2015-2020
- Table 5. Thailand Infrared (IR) LED Sales by Companies, (K Units), 2015-2020
- Table 6. Thailand Infrared (IR) LED Sales Share by Companies, 2015-2020
- Table 7. Key Manufacturers Infrared (IR) LED Price (2015-2020) (US\$/Unit)
- Table 8. Thailand Manufacturers Infrared (IR) LED Product Type
- Table 9. List of Thailand Tier 1 Infrared (IR) LED Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 10. List of Thailand Tier 2 and Tier 3 Infrared (IR) LED Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 11. By Type Infrared (IR) LED Revenue in Thailand (US\$, Mn), 2015-2020
- Table 12. By Type Infrared (IR) LED Revenue in Thailand (US\$, Mn), 2021-2026
- Table 13. By Type Infrared (IR) LED Sales in Thailand (K Units), 2015-2020
- Table 14. By Type Infrared (IR) LED Sales in Thailand (K Units), 2021-2026
- Table 15. By Application Infrared (IR) LED Revenue in Thailand, (US\$, Mn), 2015-2020
- Table 16. By Application Infrared (IR) LED Revenue in Thailand, (US\$, Mn), 2021-2026
- Table 17. By Application Infrared (IR) LED Sales in Thailand, (K Units), 2015-2020
- Table 18. By Application Infrared (IR) LED Sales in Thailand, (K Units), 2021-2026
- Table 19. EVERLIGHT Corporate Summary
- Table 20. EVERLIGHT Infrared (IR) LED Product Offerings
- Table 21. EVERLIGHT Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 22. Epistar Corporate Summary
- Table 23. Epistar Infrared (IR) LED Product Offerings
- Table 24. Epistar Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 25. Osram Corporate Summary
- Table 26. Osram Infrared (IR) LED Product Offerings
- Table 27. Osram Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 28. DOWA Corporate Summary



- Table 29. DOWA Infrared (IR) LED Product Offerings
- Table 30. DOWA Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 31. Lite-On Technology Corporate Summary
- Table 32. Lite-On Technology Infrared (IR) LED Product Offerings
- Table 33. Lite-On Technology Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 34. Vishay Intertechnology Corporate Summary
- Table 35. Vishay Intertechnology Infrared (IR) LED Product Offerings
- Table 36. Vishay Intertechnology Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 37. Luminus Corporate Summary
- Table 38. Luminus Infrared (IR) LED Product Offerings
- Table 39. Luminus Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 40. Ushio Corporate Summary
- Table 41. Ushio Infrared (IR) LED Product Offerings
- Table 42. Ushio Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 43. AU Optronics (Lextar) Corporate Summary
- Table 44. AU Optronics (Lextar) Infrared (IR) LED Product Offerings
- Table 45. AU Optronics (Lextar) Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 46. Showa Denko (SDK) Corporate Summary
- Table 47. Showa Denko (SDK) Infrared (IR) LED Product Offerings
- Table 48. Showa Denko (SDK) Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 49. Lumileds Corporate Summary
- Table 50. Lumileds Infrared (IR) LED Product Offerings
- Table 51. Lumileds Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 52. Kingbright Corporate Summary
- Table 53. Kingbright Infrared (IR) LED Product Offerings
- Table 54. Kingbright Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and
- Average Price (US\$/Unit) (2015-2020)
- Table 55. HPLighting Corporate Summary
- Table 56. HPLighting Infrared (IR) LED Product Offerings
- Table 57. HPLighting Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and
- Average Price (US\$/Unit) (2015-2020)



- Table 58. ON Semiconducts Corporate Summary
- Table 59. ON Semiconducts Infrared (IR) LED Product Offerings
- Table 60. ON Semiconducts Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 61. Rohm Semiconductor Corporate Summary
- Table 62. Rohm Semiconductor Infrared (IR) LED Product Offerings
- Table 63. Rohm Semiconductor Infrared (IR) LED Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)
- Table 64. Infrared (IR) LED Production Capacity (K Units) of Local Manufacturers in Thailand, 2015-2020
- Table 65. Infrared (IR) LED Production (K Units) of Local Manufacturers in Thailand, 2015-2020
- Table 66. Thailand Infrared (IR) LED Production Market Share of Local Manufacturers, 2015-2020
- Table 67. Infrared (IR) LED Production Value (US\$, Mn) of Local Manufacturers in Thailand, 2015-2020
- Table 68. Thailand Infrared (IR) LED Production Value Market Share of Local Manufacturers, 2015-2020
- Table 69. The Percentage of Infrared (IR) LED Production Sold in Thailand and Sold Other Than Thailand by Manufacturers
- Table 70. The Percentage of Infrared (IR) LED Production Sold in Thailand and Sold Other Than Thailand by Manufacturers
- Table 71. Dangeguojia Infrared (IR) LED Sales (Consumption), Production, Export and Import, 2015-2020
- Table 72. Raw Materials and Suppliers
- Table 73. Infrared (IR) LED Downstream Clients in Thailand
- Table 74. Infrared (IR) LED Distributors and Sales Agents in Thailand



# **List Of Figures**

### LIST OF FIGURES

- Figure 1. Infrared (IR) LED Segment by Type
- Figure 2. Infrared (IR) LED Segment by Application
- Figure 3. Dangeguojia Infrared (IR) LED Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Infrared (IR) LED Market Size in Thailand, (US\$, Mn) & (K Units): 2020 VS 2026
- Figure 6. Thailand Infrared (IR) LED Revenue, 2015-2026 (US\$, Mn)
- Figure 7. Infrared (IR) LED Sales in Thailand: 2015-2026 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Infrared (IR) LED Revenue in 2019
- Figure 9. By Type Thailand Infrared (IR) LED Incremental Growth, (US\$, Mn), 2015-2026
- Figure 10. By Type Thailand Infrared (IR) LED Market Share, 2015-2020
- Figure 11. By Type Thailand Infrared (IR) LED Market Share, 2020-2026
- Figure 12. By Type Thailand Infrared (IR) LED Price (US\$/Unit), 2015-2026
- Figure 13. By Application Infrared (IR) LED Revenue in Thailand (US\$, Mn), 2020 & 2026
- Figure 14. By Application Thailand Infrared (IR) LED Market Share, 2015-2020
- Figure 15. By Application Thailand Infrared (IR) LED Market Share, 2020-2026
- Figure 16. By Application -Thailand Infrared (IR) LED Price (US\$/Unit), 2015-2026
- Figure 17. Thailand Infrared (IR) LED Production Capacity (K Units), 2015-2026
- Figure 18. Thailand Infrared (IR) LED Actual Output (K Units), 2015-2026
- Figure 19. Thailand Infrared (IR) LED Production Value (US\$, Mn), 2015-2026
- Figure 20. The Percentage of Thailand Infrared (IR) LED Export Destination, 2019
- Figure 21. The Source of Imports of Thailand Infrared (IR) LED, 2019
- Figure 22. PEST Analysis for Thailand Infrared (IR) LED Market in 2020
- Figure 23. Infrared (IR) LED Market Opportunities & Trends in Thailand
- Figure 24. Infrared (IR) LED Market Drivers in Thailand
- Figure 25. Infrared (IR) LED Market Restraints in Thailand
- Figure 26. Infrared (IR) LED Industry Value Chain



# I would like to order

Product name: Infrared (IR) LED Market in Thailand - Manufacturing and Consumption, Outlook and

Forecast 2020-2026

Product link: <a href="https://marketpublishers.com/r/IA23D9D83394EN.html">https://marketpublishers.com/r/IA23D9D83394EN.html</a>

Price: US\$ 2,700.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/IA23D9D83394EN.html">https://marketpublishers.com/r/IA23D9D83394EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

