

### EMEA (Europe, Middle East and Africa) Infrared Lightemitting Diode Market Report 2017

https://marketpublishers.com/r/E0138DA8043EN.html

Date: December 2017

Pages: 111

Price: US\$ 4,000.00 (Single User License)

ID: E0138DA8043EN

#### **Abstracts**

In this report, the EMEA Infrared Light-emitting Diode market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split EMEA into Europe, the Middle East and Africa, With sales (K Units), revenue (Million USD), market share and growth rate of Infrared Light-emitting Diode for these regions, from 2012 to 2022 (forecast)

Europe: Germany, France, UK, Russia, Italy and Benelux;

Middle East: Saudi Arabia, Israel, UAE and Iran;

Africa: South Africa, Nigeria, Egypt and Algeria.

EMEA Infrared Light-emitting Diode market competition by top manufacturers/players, with Infrared Light-emitting Diode sales volume (K Units), price (USD/Unit), revenue (Million USD) and market share for each manufacturer/player; the top players including

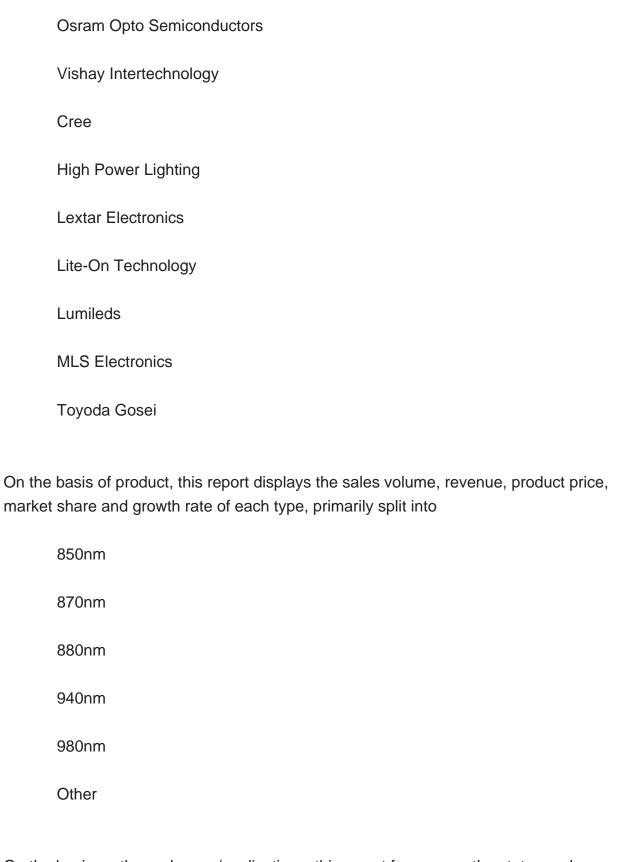
Epileds

Epistar

Everlight

Nichia





On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including



Surveillance
Consumer Electronics
Automotive
Other

If you have any special requirements, please let us know and we will offer you the report as you want.



#### **Contents**

EMEA (Europe, Middle East and Africa) Infrared Light-emitting Diode Market Report 2017

#### 1 INFRARED LIGHT-EMITTING DIODE OVERVIEW

- 1.1 Product Overview and Scope of Infrared Light-emitting Diode
- 1.2 Classification of Infrared Light-emitting Diode
- 1.2.1 EMEA Infrared Light-emitting Diode Market Size (Sales) Comparison by Type (2012-2022)
- 1.2.2 EMEA Infrared Light-emitting Diode Market Size (Sales) Market Share by Type (Product Category) in 2016
  - 1.2.3 850nm
  - 1.2.4 870nm
  - 1.2.5 880nm
  - 1.2.6 940nm
  - 1.2.7 980nm
  - 1.2.8 Other
- 1.3 EMEA Infrared Light-emitting Diode Market by Application/End Users
- 1.3.1 EMEA Infrared Light-emitting Diode Sales (Volume) and Market Share Comparison by Application (2012-2022
  - 1.3.2 Surveillance
  - 1.3.3 Consumer Electronics
  - 1.3.4 Automotive
  - 1.3.5 Other
- 1.4 EMEA Infrared Light-emitting Diode Market by Region
- 1.4.1 EMEA Infrared Light-emitting Diode Market Size (Value) Comparison by Region (2012-2022)
  - 1.4.2 Europe Status and Prospect (2012-2022)
  - 1.4.3 Middle East Status and Prospect (2012-2022)
  - 1.4.4 Africa Status and Prospect (2012-2022)
- 1.5 EMEA Market Size (Value and Volume) of Infrared Light-emitting Diode (2012-2022)
  - 1.5.1 EMEA Infrared Light-emitting Diode Sales and Growth Rate (2012-2022)
  - 1.5.2 EMEA Infrared Light-emitting Diode Revenue and Growth Rate (2012-2022)

### 2 EMEA INFRARED LIGHT-EMITTING DIODE COMPETITION BY MANUFACTURERS/PLAYERS/SUPPLIERS, REGION, TYPE AND APPLICATION



- 2.1 EMEA Infrared Light-emitting Diode Market Competition by Players/Manufacturers
- 2.1.1 EMEA Infrared Light-emitting Diode Sales Volume and Market Share of Major Players (2012-2017)
- 2.1.2 EMEA Infrared Light-emitting Diode Revenue and Share by Players (2012-2017)
- 2.1.3 EMEA Infrared Light-emitting Diode Sale Price by Players (2012-2017)
- 2.2 EMEA Infrared Light-emitting Diode (Volume and Value) by Type/Product Category
- 2.2.1 EMEA Infrared Light-emitting Diode Sales and Market Share by Type (2012-2017)
- 2.2.2 EMEA Infrared Light-emitting Diode Revenue and Market Share by Type (2012-2017)
- 2.2.3 EMEA Infrared Light-emitting Diode Sale Price by Type (2012-2017)
- 2.3 EMEA Infrared Light-emitting Diode (Volume) by Application
- 2.4 EMEA Infrared Light-emitting Diode (Volume and Value) by Region
- 2.4.1 EMEA Infrared Light-emitting Diode Sales and Market Share by Region (2012-2017)
- 2.4.2 EMEA Infrared Light-emitting Diode Revenue and Market Share by Region (2012-2017)
  - 2.4.3 EMEA Infrared Light-emitting Diode Sales Price by Region (2012-2017)

## 3 EUROPE INFRARED LIGHT-EMITTING DIODE (VOLUME, VALUE AND SALES PRICE), BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 3.1 Europe Infrared Light-emitting Diode Sales and Value (2012-2017)
- 3.1.1 Europe Infrared Light-emitting Diode Sales Volume and Growth Rate (2012-2017)
  - 3.1.2 Europe Infrared Light-emitting Diode Revenue and Growth Rate (2012-2017)
- 3.2 Europe Infrared Light-emitting Diode Sales and Market Share by Type
- 3.3 Europe Infrared Light-emitting Diode Sales and Market Share by Application
- 3.4 Europe Infrared Light-emitting Diode Sales Volume and Value (Revenue) by Countries
  - 3.4.1 Europe Infrared Light-emitting Diode Sales Volume by Countries (2012-2017)
  - 3.4.2 Europe Infrared Light-emitting Diode Revenue by Countries (2012-2017)
  - 3.4.3 Germany Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 3.4.4 France Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 3.4.5 UK Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 3.4.6 Russia Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 3.4.7 Italy Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 3.4.8 Benelux Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)



## 4 MIDDLE EAST INFRARED LIGHT-EMITTING DIODE (VOLUME, VALUE AND SALES PRICE), BY REGION, TYPE AND APPLICATION

- 4.1 Middle East Infrared Light-emitting Diode Sales and Value (2012-2017)
- 4.1.1 Middle East Infrared Light-emitting Diode Sales Volume and Growth Rate (2012-2017)
- 4.1.2 Middle East Infrared Light-emitting Diode Revenue and Growth Rate (2012-2017)
- 4.2 Middle East Infrared Light-emitting Diode Sales and Market Share by Type
- 4.3 Middle East Infrared Light-emitting Diode Sales and Market Share by Application
- 4.4 Middle East Infrared Light-emitting Diode Sales Volume and Value (Revenue) by Countries
- 4.4.1 Middle East Infrared Light-emitting Diode Sales Volume by Countries (2012-2017)
  - 4.4.2 Middle East Infrared Light-emitting Diode Revenue by Countries (2012-2017)
- 4.4.3 Saudi Arabia Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
- 4.4.4 Israel Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
- 4.4.5 UAE Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
- 4.4.6 Iran Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)

# 5 AFRICA INFRARED LIGHT-EMITTING DIODE (VOLUME, VALUE AND SALES PRICE) BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 5.1 Africa Infrared Light-emitting Diode Sales and Value (2012-2017)
  - 5.1.1 Africa Infrared Light-emitting Diode Sales Volume and Growth Rate (2012-2017)
  - 5.1.2 Africa Infrared Light-emitting Diode Revenue and Growth Rate (2012-2017)
- 5.2 Africa Infrared Light-emitting Diode Sales and Market Share by Type
- 5.3 Africa Infrared Light-emitting Diode Sales and Market Share by Application
- 5.4 Africa Infrared Light-emitting Diode Sales Volume and Value (Revenue) by Countries
  - 5.4.1 Africa Infrared Light-emitting Diode Sales Volume by Countries (2012-2017)
  - 5.4.2 Africa Infrared Light-emitting Diode Revenue by Countries (2012-2017)
  - 5.4.3 South Africa Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 5.4.4 Nigeria Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 5.4.5 Egypt Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)
  - 5.4.6 Algeria Infrared Light-emitting Diode Sales and Growth Rate (2012-2017)

### 6 EMEA INFRARED LIGHT-EMITTING DIODE MANUFACTURERS/PLAYERS PROFILES AND SALES DATA



- 6.1 Epileds
  - 6.1.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.1.2 Infrared Light-emitting Diode Product Type, Application and Specification
    - 6.1.2.1 Product A
    - 6.1.2.2 Product B
- 6.1.3 Epileds Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.1.4 Main Business/Business Overview
- 6.2 Epistar
  - 6.2.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.2.2 Infrared Light-emitting Diode Product Type, Application and Specification
    - 6.2.2.1 Product A
    - 6.2.2.2 Product B
- 6.2.3 Epistar Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.2.4 Main Business/Business Overview
- 6.3 Everlight
  - 6.3.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.3.2 Infrared Light-emitting Diode Product Type, Application and Specification
    - 6.3.2.1 Product A
    - 6.3.2.2 Product B
- 6.3.3 Everlight Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.3.4 Main Business/Business Overview
- 6.4 Nichia
  - 6.4.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.4.2 Infrared Light-emitting Diode Product Type, Application and Specification
    - 6.4.2.1 Product A
    - 6.4.2.2 Product B
- 6.4.3 Nichia Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.4.4 Main Business/Business Overview
- 6.5 Osram Opto Semiconductors
  - 6.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.5.2 Infrared Light-emitting Diode Product Type, Application and Specification
    - 6.5.2.1 Product A
    - 6.5.2.2 Product B
  - 6.5.3 Osram Opto Semiconductors Infrared Light-emitting Diode Sales, Revenue,



Price and Gross Margin (2012-2017)

6.5.4 Main Business/Business Overview

6.6 Vishay Intertechnology

6.6.1 Company Basic Information, Manufacturing Base and Competitors

6.6.2 Infrared Light-emitting Diode Product Type, Application and Specification

6.6.2.1 Product A

6.6.2.2 Product B

6.6.3 Vishay Intertechnology Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)

6.6.4 Main Business/Business Overview

6.7 Cree

6.7.1 Company Basic Information, Manufacturing Base and Competitors

6.7.2 Infrared Light-emitting Diode Product Type, Application and Specification

6.7.2.1 Product A

6.7.2.2 Product B

6.7.3 Cree Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)

6.7.4 Main Business/Business Overview

6.8 High Power Lighting

6.8.1 Company Basic Information, Manufacturing Base and Competitors

6.8.2 Infrared Light-emitting Diode Product Type, Application and Specification

6.8.2.1 Product A

6.8.2.2 Product B

6.8.3 High Power Lighting Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)

6.8.4 Main Business/Business Overview

6.9 Lextar Electronics

6.9.1 Company Basic Information, Manufacturing Base and Competitors

6.9.2 Infrared Light-emitting Diode Product Type, Application and Specification

6.9.2.1 Product A

6.9.2.2 Product B

6.9.3 Lextar Electronics Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)

6.9.4 Main Business/Business Overview

6.10 Lite-On Technology

6.10.1 Company Basic Information, Manufacturing Base and Competitors

6.10.2 Infrared Light-emitting Diode Product Type, Application and Specification

6.10.2.1 Product A

6.10.2.2 Product B



- 6.10.3 Lite-On Technology Infrared Light-emitting Diode Sales, Revenue, Price and Gross Margin (2012-2017)
- 6.10.4 Main Business/Business Overview
- 6.11 Lumileds
- 6.12 MLS Electronics
- 6.13 Toyoda Gosei

#### 7 INFRARED LIGHT-EMITTING DIODE MANUFACTURING COST ANALYSIS

- 7.1 Infrared Light-emitting Diode Key Raw Materials Analysis
  - 7.1.1 Key Raw Materials
  - 7.1.2 Price Trend of Key Raw Materials
  - 7.1.3 Key Suppliers of Raw Materials
  - 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
  - 7.2.1 Raw Materials
  - 7.2.2 Labor Cost
  - 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of Infrared Light-emitting Diode

#### 8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 8.1 Infrared Light-emitting Diode Industrial Chain Analysis
- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of Infrared Light-emitting Diode Major Manufacturers in 2016
- 8.4 Downstream Buyers

#### 9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
  - 9.1.1 Direct Marketing
  - 9.1.2 Indirect Marketing
  - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
  - 9.2.1 Pricing Strategy
  - 9.2.2 Brand Strategy
  - 9.2.3 Target Client
- 9.3 Distributors/Traders List



#### 10 MARKET EFFECT FACTORS ANALYSIS

- 10.1 Technology Progress/Risk
  - 10.1.1 Substitutes Threat
  - 10.1.2 Technology Progress in Related Industry
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

#### 11 EMEA INFRARED LIGHT-EMITTING DIODE MARKET FORECAST (2017-2022)

- 11.1 EMEA Infrared Light-emitting Diode Sales, Revenue and Price Forecast (2017-2022)
- 11.1.1 EMEA Infrared Light-emitting Diode Sales and Growth Rate Forecast (2017-2022)
- 11.1.2 EMEA Infrared Light-emitting Diode Revenue and Growth Rate Forecast (2017-2022)
  - 11.1.3 EMEA Infrared Light-emitting Diode Price and Trend Forecast (2017-2022)
- 11.2 EMEA Infrared Light-emitting Diode Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.3 Europe Infrared Light-emitting Diode Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.4 Middle Eastt Infrared Light-emitting Diode Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.5 Africa Infrared Light-emitting Diode Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.6 EMEA Infrared Light-emitting Diode Sales Forecast by Type (2017-2022)
- 11.7 EMEA Infrared Light-emitting Diode Sales Forecast by Application (2017-2022)

#### 12 RESEARCH FINDINGS AND CONCLUSION

#### 13 APPENDIX

- 13.1 Methodology/Research Approach
  - 13.1.1 Research Programs/Design
  - 13.1.2 Market Size Estimation
  - 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
  - 13.2.1 Secondary Sources
  - 13.2.2 Primary Sources



#### 13.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



#### **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Product Picture of Infrared Light-emitting Diode

Figure EMEA Infrared Light-emitting Diode Sales Volume (K Units) by Type (2012-2022)

Figure EMEA Infrared Light-emitting Diode Sales Volume Market Share by Type

(Product Category) in 2016

Figure 850nm Product Picture

Figure 870nm Product Picture

Figure 880nm Product Picture

Figure 940nm Product Picture

Figure 980nm Product Picture

Figure Other Product Picture

Figure EMEA Infrared Light-emitting Diode Sales Volume (K Units) by Application (2012-2022)

Figure EMEA Sales Market Share of Infrared Light-emitting Diode by Application in 2016

Figure Surveillance Examples

Table Key Downstream Customer in Surveillance

Figure Consumer Electronics Examples

Table Key Downstream Customer in Consumer Electronics

Figure Automotive Examples

Table Key Downstream Customer in Automotive

Figure Other Examples

Table Key Downstream Customer in Other

Figure EMEA Infrared Light-emitting Diode Market Size (Million USD) by Region (2012-2022)

Figure Europe Infrared Light-emitting Diode Revenue (Million USD) and Growth Rate (2012-2022)

Figure Europe Infrared Light-emitting Diode Revenue (Million USD) Status and Forecast by Countries

Figure Middle East Infrared Light-emitting Diode Revenue (Million USD) and Growth Rate (2012-2022)

Figure Middle East Infrared Light-emitting Diode Revenue (Million USD) Status and Forecast by Countries

Figure Africa Infrared Light-emitting Diode Revenue (Million USD) and Growth Rate (2012-2022)



Figure Africa Infrared Light-emitting Diode Revenue (Million USD) Status and Forecast by Countries

Figure EMEA Infrared Light-emitting Diode Sales Volume and Growth Rate (2012-2022) Figure EMEA Infrared Light-emitting Diode Revenue (Million USD) and Growth Rate (2012-2022)

Figure EMEA Infrared Light-emitting Diode Market Major Players Product Sales Volume (K Units) (2012-2017)

Table EMEA Infrared Light-emitting Diode Sales Volume (K Units) of Major Players (2012-2017)

Table EMEA Infrared Light-emitting Diode Sales Share by Players (2012-2017)

Figure 2016 Infrared Light-emitting Diode Sales Share by Players

Figure 2017 Infrared Light-emitting Diode Sales Share by Players

Figure EMEA Infrared Light-emitting Diode Market Major Players Product Revenue (Million USD) (2012-2017)

Table EMEA Infrared Light-emitting Diode Revenue (Million USD) by Players (2012-2017)

Table EMEA Infrared Light-emitting Diode Revenue Share by Players (2012-2017)

Table 2016 EMEA Infrared Light-emitting Diode Revenue Share by Players

Table 2017 EMEA Infrared Light-emitting Diode Revenue Share by Players

Table EMEA Infrared Light-emitting Diode Sale Price (USD/Unit) by Players (2012-2017)

Table EMEA Infrared Light-emitting Diode Sales (K Units) and Market Share by Type (2012-2017)

Table EMEA Infrared Light-emitting Diode Sales Share by Type (2012-2017)

Figure Sales Market Share of Infrared Light-emitting Diode by Type (2012-2017)

Figure EMEA Infrared Light-emitting Diode Sales Market Share by Type (2012-2017)

Table EMEA Infrared Light-emitting Diode Revenue (Million USD) and Market Share by Type (2012-2017)

Table EMEA Infrared Light-emitting Diode Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Infrared Light-emitting Diode by Type in 2016

Table EMEA Infrared Light-emitting Diode Sale Price (USD/Unit) by Type (2012-2017)

Table EMEA Infrared Light-emitting Diode Sales (K Units) and Market Share by Application (2012-2017)

Table EMEA Infrared Light-emitting Diode Sales Share by Application (2012-2017)

Figure Sales Market Share of Infrared Light-emitting Diode by Application (2012-2017)

Figure EMEA Infrared Light-emitting Diode Sales Market Share by Application in 2016

Table EMEA Infrared Light-emitting Diode Sales (K Units) and Market Share by Region (2012-2017)

Table EMEA Infrared Light-emitting Diode Sales Share by Region (2012-2017)



Figure Sales Market Share of Infrared Light-emitting Diode by Region (2012-2017)
Figure EMEA Infrared Light-emitting Diode Sales Market Share in 2016
Table EMEA Infrared Light-emitting Diode Revenue (Million USD) and Market Share by Region (2012-2017)

Table EMEA Infrared Light-emitting Diode Revenue Share by Region (2012-2017)
Figure Revenue Market Share of Infrared Light-emitting Diode by Region (2012-2017)
Figure EMEA Infrared Light-emitting Diode Revenue Market Share Regions in 2016
Table EMEA Infrared Light-emitting Diode Sales Price (USD/Unit) by Region (2012-2017)

Figure Europe Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Europe Infrared Light-emitting Diode Revenue and Growth Rate (2012-2017)
Table Europe Infrared Light-emitting Diode Sales (K Units) by Type (2012-2017)
Table Europe Infrared Light-emitting Diode Market Share by Type (2012-2017)
Figure Europe Infrared Light-emitting Diode Market Share by Type in 2016
Table Europe Infrared Light-emitting Diode Sales (K Units) by Application (2012-2017)
Table Europe Infrared Light-emitting Diode Market Share by Application in 2016
Table Europe Infrared Light-emitting Diode Market Share by Application in 2016
Table Europe Infrared Light-emitting Diode Sales (K Units) by Countries (2012-2017)
Table Europe Infrared Light-emitting Diode Sales Market Share by Countries (2012-2017)

Figure Europe Infrared Light-emitting Diode Sales Market Share by Countries (2012-2017)

Figure Europe Infrared Light-emitting Diode Sales Market Share by Countries in 2016 Table Europe Infrared Light-emitting Diode Revenue (Million USD) by Countries (2012-2017)

Table Europe Infrared Light-emitting Diode Revenue Market Share by Countries (2012-2017)

Figure Europe Infrared Light-emitting Diode Revenue Market Share by Countries (2012-2017)

Figure Europe Infrared Light-emitting Diode Revenue Market Share by Countries in 2016

Figure Germany Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure France Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure UK Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017) Figure Russia Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)



Figure Italy Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017) Figure Benelux Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Middle East Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Middle East Infrared Light-emitting Diode Revenue (Million USD) and Growth Rate (2012-2017)

Table Middle East Infrared Light-emitting Diode Sales (K Units) by Type (2012-2017) Table Middle East Infrared Light-emitting Diode Market Share by Type (2012-2017) Figure Middle East Infrared Light-emitting Diode Market Share by Type (2012-2017) Table Middle East Infrared Light-emitting Diode Sales (K Units) by Applications (2012-2017)

Table Middle East Infrared Light-emitting Diode Market Share by Applications (2012-2017)

Figure Middle East Infrared Light-emitting Diode Sales Market Share by Application in 2016

Table Middle East Infrared Light-emitting Diode Sales Volume (K Units) by Countries (2012-2017)

Table Middle East Infrared Light-emitting Diode Sales Volume Market Share by Countries (2012-2017)

Figure Middle East Infrared Light-emitting Diode Sales Volume Market Share by Countries in 2016

Table Middle East Infrared Light-emitting Diode Revenue (Million USD) by Countries (2012-2017)

Table Middle East Infrared Light-emitting Diode Revenue Market Share by Countries (2012-2017)

Figure Middle East Infrared Light-emitting Diode Revenue Market Share by Countries (2012-2017)

Figure Middle East Infrared Light-emitting Diode Revenue Market Share by Countries in 2016

Figure Saudi Arabia Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Israel Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017) Figure UAE Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017) Figure Iran Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017) Figure Africa Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Africa Infrared Light-emitting Diode Revenue (Million USD) and Growth Rate (2012-2017)



Table Africa Infrared Light-emitting Diode Sales (K Units) by Type (2012-2017)
Table Africa Infrared Light-emitting Diode Sales Market Share by Type (2012-2017)
Figure Africa Infrared Light-emitting Diode Sales Market Share by Type (2012-2017)
Figure Africa Infrared Light-emitting Diode Sales Market Share by Type in 2016
Table Africa Infrared Light-emitting Diode Sales (K Units) by Application (2012-2017)
Table Africa Infrared Light-emitting Diode Sales Market Share by Application (2012-2017)

Figure Africa Infrared Light-emitting Diode Sales Market Share by Application (2012-2017)

Table Africa Infrared Light-emitting Diode Sales Volume (K Units) by Countries (2012-2017)

Table Africa Infrared Light-emitting Diode Sales Market Share by Countries (2012-2017) Figure Africa Infrared Light-emitting Diode Sales Market Share by Countries (2012-2017)

Figure Africa Infrared Light-emitting Diode Sales Market Share by Countries in 2016 Table Africa Infrared Light-emitting Diode Revenue (Million USD) by Countries (2012-2017)

Table Africa Infrared Light-emitting Diode Revenue Market Share by Countries (2012-2017)

Figure Africa Infrared Light-emitting Diode Revenue Market Share by Countries (2012-2017)

Figure Africa Infrared Light-emitting Diode Revenue Market Share by Countries in 2016 Figure South Africa Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Nigeria Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Egypt Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Algeria Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Table Epileds Infrared Light-emitting Diode Basic Information List

Table Epileds Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Epileds Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Epileds Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017) Figure Epileds Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Epistar Infrared Light-emitting Diode Basic Information List



Table Epistar Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Epistar Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Epistar Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017) Figure Epistar Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Everlight Infrared Light-emitting Diode Basic Information List

Table Everlight Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Everlight Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Everlight Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017) Figure Everlight Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Nichia Infrared Light-emitting Diode Basic Information List

Table Nichia Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Nichia Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Nichia Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017) Figure Nichia Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Osram Opto Semiconductors Infrared Light-emitting Diode Basic Information List Table Osram Opto Semiconductors Infrared Light-emitting Diode Sales (K Units),

Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Osram Opto Semiconductors Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Osram Opto Semiconductors Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017)

Figure Osram Opto Semiconductors Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Vishay Intertechnology Infrared Light-emitting Diode Basic Information List Table Vishay Intertechnology Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Vishay Intertechnology Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Vishay Intertechnology Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017)



Figure Vishay Intertechnology Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Cree Infrared Light-emitting Diode Basic Information List

Table Cree Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Cree Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Cree Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017)

Figure Cree Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table High Power Lighting Infrared Light-emitting Diode Basic Information List

Table High Power Lighting Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure High Power Lighting Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure High Power Lighting Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017)

Figure High Power Lighting Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Lextar Electronics Infrared Light-emitting Diode Basic Information List Table Lextar Electronics Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Lextar Electronics Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Lextar Electronics Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017)

Figure Lextar Electronics Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Lite-On Technology Infrared Light-emitting Diode Basic Information List Table Lite-On Technology Infrared Light-emitting Diode Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Lite-On Technology Infrared Light-emitting Diode Sales (K Units) and Growth Rate (2012-2017)

Figure Lite-On Technology Infrared Light-emitting Diode Sales Market Share in EMEA (2012-2017)

Figure Lite-On Technology Infrared Light-emitting Diode Revenue Market Share in EMEA (2012-2017)

Table Lumileds Infrared Light-emitting Diode Basic Information List

Table MLS Electronics Infrared Light-emitting Diode Basic Information List

Table Toyoda Gosei Infrared Light-emitting Diode Basic Information List

Table Production Base and Market Concentration Rate of Raw Material



Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Infrared Light-emitting Diode

Figure Manufacturing Process Analysis of Infrared Light-emitting Diode

Figure Infrared Light-emitting Diode Industrial Chain Analysis

Table Raw Materials Sources of Infrared Light-emitting Diode Major Manufacturers in 2016

Table Major Buyers of Infrared Light-emitting Diode

Table Distributors/Traders List

Figure EMEA Infrared Light-emitting Diode Sales (K Units) and Growth Rate Forecast (2017-2022)

Figure EMEA Infrared Light-emitting Diode Revenue and Growth Rate Forecast (2017-2022)

Figure EMEA Infrared Light-emitting Diode Price (USD/Unit) and Trend Forecast (2017-2022)

Table EMEA Infrared Light-emitting Diode Sales (K Units) Forecast by Region (2017-2022)

Figure EMEA Infrared Light-emitting Diode Sales Market Share Forecast by Region (2017-2022)

Table EMEA Infrared Light-emitting Diode Revenue (Million USD) Forecast by Region (2017-2022)

Figure EMEA Infrared Light-emitting Diode Revenue Market Share Forecast by Region (2017-2022)

Table Europe Infrared Light-emitting Diode Sales (K Units) Forecast by Countries (2017-2022)

Figure Europe Infrared Light-emitting Diode Sales Market Share Forecast by Countries (2017-2022)

Table Europe Infrared Light-emitting Diode Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Europe Infrared Light-emitting Diode Revenue Market Share Forecast by Countries (2017-2022)

Table Middle East Infrared Light-emitting Diode Sales (K Units) Forecast by Countries (2017-2022)

Figure Middle East Infrared Light-emitting Diode Sales Market Share Forecast by Countries (2017-2022)

Table Middle East Infrared Light-emitting Diode Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Middle East Infrared Light-emitting Diode Revenue Market Share Forecast by Countries (2017-2022)



Table Africa Infrared Light-emitting Diode Sales (K Units) Forecast by Countries (2017-2022)

Figure Africa Infrared Light-emitting Diode Sales Market Share Forecast by Countries (2017-2022)

Table Africa Infrared Light-emitting Diode Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Africa Infrared Light-emitting Diode Revenue Market Share Forecast by Countries (2017-2022)

Table EMEA Infrared Light-emitting Diode Sales (K Units) Forecast by Type (2017-2022)

Figure EMEA Infrared Light-emitting Diode Sales Market Share Forecast by Type (2017-2022)

Table EMEA Infrared Light-emitting Diode Sales (K Units) Forecast by Application (2017-2022)

Figure EMEA Infrared Light-emitting Diode Sales Market Share Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources



#### I would like to order

Product name: EMEA (Europe, Middle East and Africa) Infrared Light-emitting Diode Market Report 2017

Product link: <a href="https://marketpublishers.com/r/E0138DA8043EN.html">https://marketpublishers.com/r/E0138DA8043EN.html</a>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

### **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/E0138DA8043EN.html">https://marketpublishers.com/r/E0138DA8043EN.html</a>

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

First name:		
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