

### Board (COB) Light Emitting Diode-Global Market Status & Trend Report 2013-2023 Top 20 Countries Data

https://marketpublishers.com/r/BCBDA6633EBEN.html

Date: December 2017

Pages: 146

Price: US\$ 3,680.00 (Single User License)

ID: BCBDA6633EBEN

#### **Abstracts**

#### **Report Summary**

Board (COB) Light Emitting Diode-Global Market Status & Trend Report 2013-2023 Top 20 Countries Data offers a comprehensive analysis on Board (COB) Light Emitting Diode industry, standing on the readers' perspective, delivering detailed market data in Global major 20 countries and penetrating insights. No matter the client is industry insider, potential entrant or investor, the report will provides useful data and information. Key questions answered by this report include:

Worldwide and Top 20 Countries Market Size of Board (COB) Light Emitting Diode 2013-2017, and development forecast 2018-2023

Main manufacturers/suppliers of Board (COB) Light Emitting Diode worldwide and market share by regions, with company and product introduction, position in the Board (COB) Light Emitting Diode market

Market status and development trend of Board (COB) Light Emitting Diode by types and applications

Cost and profit status of Board (COB) Light Emitting Diode, and marketing status Market growth drivers and challenges

The report segments the global Board (COB) Light Emitting Diode market as:

Global Board (COB) Light Emitting Diode Market: Regional Segment Analysis (Regional Production Volume, Consumption Volume, Revenue and Growth Rate 2013-2023):

North America (United States, Canada and Mexico)



Europe (Germany, UK, France, Italy, Russia, Spain and Benelux)
Asia Pacific (China, Japan, India, Southeast Asia and Australia)
Latin America (Brazil, Argentina and Colombia)
Middle East and Africa

Global Board (COB) Light Emitting Diode Market: Type Segment Analysis (Consumption Volume, Average Price, Revenue, Market Share and Trend 2013-2023):

Organic Light Emitting Diode Inorganic Light Emitting Diode

Global Board (COB) Light Emitting Diode Market: Application Segment Analysis (Consumption Volume and Market Share 2013-2023; Downstream Customers and Market Analysis)

**LED Display** 

Traffic Light

Car Lights

Others

Global Board (COB) Light Emitting Diode Market: Manufacturers Segment Analysis (Company and Product introduction, Board (COB) Light Emitting Diode Sales Volume, Revenue, Price and Gross Margin):

Osram Opto

Semiconductors

Perkinelmer

Citizen Electronics

Cree

Seoul Semiconductor

**GE Lighting** 

**Enlux Lighitng** 

**EMTEQ** 

**Prophotonix** 

Cooper Lighting

LumiShoreLtd

Philips Lumileds Lighting

Samsung Electronics

Leiso Lighting

Luminage



In a word, the report provides detailed statistics and analysis on the state of the industry; and is a valuable source of guidance and direction for companies and individuals interested in the market.



#### **Contents**

#### CHAPTER 1 OVERVIEW OF BOARD (COB) LIGHT EMITTING DIODE

- 1.1 Definition of Board (COB) Light Emitting Diode in This Report
- 1.2 Commercial Types of Board (COB) Light Emitting Diode
  - 1.2.1 Organic Light Emitting Diode
  - 1.2.2 Inorganic Light Emitting Diode
- 1.3 Downstream Application of Board (COB) Light Emitting Diode
  - 1.3.1 LED Display
  - 1.3.2 Traffic Light
  - 1.3.3 Car Lights
  - 1.3.4 Others
- 1.4 Development History of Board (COB) Light Emitting Diode
- 1.5 Market Status and Trend of Board (COB) Light Emitting Diode 2013-2023
  - 1.5.1 Global Board (COB) Light Emitting Diode Market Status and Trend 2013-2023
- 1.5.2 Regional Board (COB) Light Emitting Diode Market Status and Trend 2013-2023

#### CHAPTER 2 GLOBAL MARKET STATUS AND FORECAST BY REGIONS

- 2.1 Market Development of Board (COB) Light Emitting Diode 2013-2017
- 2.2 Sales Market of Board (COB) Light Emitting Diode by Regions
  - 2.2.1 Sales Volume of Board (COB) Light Emitting Diode by Regions
- 2.2.2 Sales Value of Board (COB) Light Emitting Diode by Regions
- 2.3 Production Market of Board (COB) Light Emitting Diode by Regions
- 2.4 Global Market Forecast of Board (COB) Light Emitting Diode 2018-2023
  - 2.4.1 Global Market Forecast of Board (COB) Light Emitting Diode 2018-2023
  - 2.4.2 Market Forecast of Board (COB) Light Emitting Diode by Regions 2018-2023

#### CHAPTER 3 GLOBAL MARKET STATUS AND FORECAST BY TYPES

- 3.1 Sales Volume of Board (COB) Light Emitting Diode by Types
- 3.2 Sales Value of Board (COB) Light Emitting Diode by Types
- 3.3 Market Forecast of Board (COB) Light Emitting Diode by Types

### CHAPTER 4 GLOBAL MARKET STATUS AND FORECAST BY DOWNSTREAM INDUSTRY

4.1 Global Sales Volume of Board (COB) Light Emitting Diode by Downstream Industry



4.2 Global Market Forecast of Board (COB) Light Emitting Diode by Downstream Industry

### CHAPTER 5 NORTH AMERICA MARKET STATUS BY COUNTRIES, TYPE, MANUFACTURERS AND DOWNSTREAM INDUSTRY

- 5.1 North America Board (COB) Light Emitting Diode Market Status by Countries
- 5.1.1 North America Board (COB) Light Emitting Diode Sales by Countries (2013-2017)
- 5.1.2 North America Board (COB) Light Emitting Diode Revenue by Countries (2013-2017)
- 5.1.3 United States Board (COB) Light Emitting Diode Market Status (2013-2017)
- 5.1.4 Canada Board (COB) Light Emitting Diode Market Status (2013-2017)
- 5.1.5 Mexico Board (COB) Light Emitting Diode Market Status (2013-2017)
- 5.2 North America Board (COB) Light Emitting Diode Market Status by Manufacturers
- 5.3 North America Board (COB) Light Emitting Diode Market Status by Type (2013-2017)
  - 5.3.1 North America Board (COB) Light Emitting Diode Sales by Type (2013-2017)
  - 5.3.2 North America Board (COB) Light Emitting Diode Revenue by Type (2013-2017)
- 5.4 North America Board (COB) Light Emitting Diode Market Status by Downstream Industry (2013-2017)

### CHAPTER 6 EUROPE MARKET STATUS BY COUNTRIES, TYPE, MANUFACTURERS AND DOWNSTREAM INDUSTRY

- 6.1 Europe Board (COB) Light Emitting Diode Market Status by Countries
  - 6.1.1 Europe Board (COB) Light Emitting Diode Sales by Countries (2013-2017)
  - 6.1.2 Europe Board (COB) Light Emitting Diode Revenue by Countries (2013-2017)
  - 6.1.3 Germany Board (COB) Light Emitting Diode Market Status (2013-2017)
  - 6.1.4 UK Board (COB) Light Emitting Diode Market Status (2013-2017)
  - 6.1.5 France Board (COB) Light Emitting Diode Market Status (2013-2017)
- 6.1.6 Italy Board (COB) Light Emitting Diode Market Status (2013-2017)
- 6.1.7 Russia Board (COB) Light Emitting Diode Market Status (2013-2017)
- 6.1.8 Spain Board (COB) Light Emitting Diode Market Status (2013-2017)
- 6.1.9 Benelux Board (COB) Light Emitting Diode Market Status (2013-2017)
- 6.2 Europe Board (COB) Light Emitting Diode Market Status by Manufacturers
- 6.3 Europe Board (COB) Light Emitting Diode Market Status by Type (2013-2017)
  - 6.3.1 Europe Board (COB) Light Emitting Diode Sales by Type (2013-2017)
- 6.3.2 Europe Board (COB) Light Emitting Diode Revenue by Type (2013-2017)



6.4 Europe Board (COB) Light Emitting Diode Market Status by Downstream Industry (2013-2017)

### CHAPTER 7 ASIA PACIFIC MARKET STATUS BY COUNTRIES, TYPE, MANUFACTURERS AND DOWNSTREAM INDUSTRY

- 7.1 Asia Pacific Board (COB) Light Emitting Diode Market Status by Countries
  - 7.1.1 Asia Pacific Board (COB) Light Emitting Diode Sales by Countries (2013-2017)
- 7.1.2 Asia Pacific Board (COB) Light Emitting Diode Revenue by Countries (2013-2017)
  - 7.1.3 China Board (COB) Light Emitting Diode Market Status (2013-2017)
- 7.1.4 Japan Board (COB) Light Emitting Diode Market Status (2013-2017)
- 7.1.5 India Board (COB) Light Emitting Diode Market Status (2013-2017)
- 7.1.6 Southeast Asia Board (COB) Light Emitting Diode Market Status (2013-2017)
- 7.1.7 Australia Board (COB) Light Emitting Diode Market Status (2013-2017)
- 7.2 Asia Pacific Board (COB) Light Emitting Diode Market Status by Manufacturers
- 7.3 Asia Pacific Board (COB) Light Emitting Diode Market Status by Type (2013-2017)
  - 7.3.1 Asia Pacific Board (COB) Light Emitting Diode Sales by Type (2013-2017)
- 7.3.2 Asia Pacific Board (COB) Light Emitting Diode Revenue by Type (2013-2017)
- 7.4 Asia Pacific Board (COB) Light Emitting Diode Market Status by Downstream Industry (2013-2017)

### CHAPTER 8 LATIN AMERICA MARKET STATUS BY COUNTRIES, TYPE, MANUFACTURERS AND DOWNSTREAM INDUSTRY

- 8.1 Latin America Board (COB) Light Emitting Diode Market Status by Countries
  - 8.1.1 Latin America Board (COB) Light Emitting Diode Sales by Countries (2013-2017)
- 8.1.2 Latin America Board (COB) Light Emitting Diode Revenue by Countries (2013-2017)
- 8.1.3 Brazil Board (COB) Light Emitting Diode Market Status (2013-2017)
- 8.1.4 Argentina Board (COB) Light Emitting Diode Market Status (2013-2017)
- 8.1.5 Colombia Board (COB) Light Emitting Diode Market Status (2013-2017)
- 8.2 Latin America Board (COB) Light Emitting Diode Market Status by Manufacturers
- 8.3 Latin America Board (COB) Light Emitting Diode Market Status by Type (2013-2017)
  - 8.3.1 Latin America Board (COB) Light Emitting Diode Sales by Type (2013-2017)
  - 8.3.2 Latin America Board (COB) Light Emitting Diode Revenue by Type (2013-2017)
- 8.4 Latin America Board (COB) Light Emitting Diode Market Status by Downstream Industry (2013-2017)



# CHAPTER 9 MIDDLE EAST AND AFRICA MARKET STATUS BY COUNTRIES, TYPE, MANUFACTURERS AND DOWNSTREAM INDUSTRY

- 9.1 Middle East and Africa Board (COB) Light Emitting Diode Market Status by Countries
- 9.1.1 Middle East and Africa Board (COB) Light Emitting Diode Sales by Countries (2013-2017)
- 9.1.2 Middle East and Africa Board (COB) Light Emitting Diode Revenue by Countries (2013-2017)
  - 9.1.3 Middle East Board (COB) Light Emitting Diode Market Status (2013-2017)
  - 9.1.4 Africa Board (COB) Light Emitting Diode Market Status (2013-2017)
- 9.2 Middle East and Africa Board (COB) Light Emitting Diode Market Status by Manufacturers
- 9.3 Middle East and Africa Board (COB) Light Emitting Diode Market Status by Type (2013-2017)
- 9.3.1 Middle East and Africa Board (COB) Light Emitting Diode Sales by Type (2013-2017)
- 9.3.2 Middle East and Africa Board (COB) Light Emitting Diode Revenue by Type (2013-2017)
- 9.4 Middle East and Africa Board (COB) Light Emitting Diode Market Status by Downstream Industry (2013-2017)

### CHAPTER 10 MARKET DRIVING FACTOR ANALYSIS OF BOARD (COB) LIGHT EMITTING DIODE

- 10.1 Global Economy Situation and Trend Overview
- 10.2 Board (COB) Light Emitting Diode Downstream Industry Situation and Trend Overview

### CHAPTER 11 BOARD (COB) LIGHT EMITTING DIODE MARKET COMPETITION STATUS BY MAJOR MANUFACTURERS

- 11.1 Production Volume of Board (COB) Light Emitting Diode by Major Manufacturers
- 11.2 Production Value of Board (COB) Light Emitting Diode by Major Manufacturers
- 11.3 Basic Information of Board (COB) Light Emitting Diode by Major Manufacturers
- 11.3.1 Headquarters Location and Established Time of Board (COB) Light Emitting Diode Major Manufacturer
  - 11.3.2 Employees and Revenue Level of Board (COB) Light Emitting Diode Major



#### Manufacturer

- 11.4 Market Competition News and Trend
  - 11.4.1 Merger, Consolidation or Acquisition News
  - 11.4.2 Investment or Disinvestment News
- 11.4.3 New Product Development and Launch

### CHAPTER 12 BOARD (COB) LIGHT EMITTING DIODE MAJOR MANUFACTURERS INTRODUCTION AND MARKET DATA

- 12.1 Osram Opto
  - 12.1.1 Company profile
  - 12.1.2 Representative Board (COB) Light Emitting Diode Product
- 12.1.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Osram Opto
- 12.2 Semiconductors
  - 12.2.1 Company profile
  - 12.2.2 Representative Board (COB) Light Emitting Diode Product
- 12.2.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Semiconductors
- 12.3 Perkinelmer
  - 12.3.1 Company profile
  - 12.3.2 Representative Board (COB) Light Emitting Diode Product
- 12.3.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Perkinelmer
- 12.4 Citizen Electronics
  - 12.4.1 Company profile
  - 12.4.2 Representative Board (COB) Light Emitting Diode Product
- 12.4.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Citizen Electronics
- 12.5 Cree
  - 12.5.1 Company profile
  - 12.5.2 Representative Board (COB) Light Emitting Diode Product
- 12.5.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Cree
- 12.6 Seoul Semiconductor
  - 12.6.1 Company profile
  - 12.6.2 Representative Board (COB) Light Emitting Diode Product
- 12.6.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Seoul Semiconductor



- 12.7 GE Lighting
  - 12.7.1 Company profile
  - 12.7.2 Representative Board (COB) Light Emitting Diode Product
- 12.7.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of GE Lighting
- 12.8 Enlux Lighitng
  - 12.8.1 Company profile
  - 12.8.2 Representative Board (COB) Light Emitting Diode Product
- 12.8.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Enlux Lighting
- **12.9 EMTEQ** 
  - 12.9.1 Company profile
  - 12.9.2 Representative Board (COB) Light Emitting Diode Product
- 12.9.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of EMTEQ
- 12.10 Prophotonix
  - 12.10.1 Company profile
  - 12.10.2 Representative Board (COB) Light Emitting Diode Product
- 12.10.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Prophotonix
- 12.11 Cooper Lighting
  - 12.11.1 Company profile
  - 12.11.2 Representative Board (COB) Light Emitting Diode Product
- 12.11.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Cooper Lighting
- 12.12 LumiShoreLtd
  - 12.12.1 Company profile
  - 12.12.2 Representative Board (COB) Light Emitting Diode Product
- 12.12.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of LumiShoreLtd
- 12.13 Philips Lumileds Lighting
  - 12.13.1 Company profile
  - 12.13.2 Representative Board (COB) Light Emitting Diode Product
- 12.13.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Philips Lumileds Lighting
- 12.14 Samsung Electronics
  - 12.14.1 Company profile
- 12.14.2 Representative Board (COB) Light Emitting Diode Product
- 12.14.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of



#### Samsung Electronics

- 12.15 Leiso Lighting
  - 12.15.1 Company profile
  - 12.15.2 Representative Board (COB) Light Emitting Diode Product
- 12.15.3 Board (COB) Light Emitting Diode Sales, Revenue, Price and Gross Margin of Leiso Lighting
- 12.16 Luminage

# CHAPTER 13 UPSTREAM AND DOWNSTREAM MARKET ANALYSIS OF BOARD (COB) LIGHT EMITTING DIODE

- 13.1 Industry Chain of Board (COB) Light Emitting Diode
- 13.2 Upstream Market and Representative Companies Analysis
- 13.3 Downstream Market and Representative Companies Analysis

### CHAPTER 14 COST AND GROSS MARGIN ANALYSIS OF BOARD (COB) LIGHT EMITTING DIODE

- 14.1 Cost Structure Analysis of Board (COB) Light Emitting Diode
- 14.2 Raw Materials Cost Analysis of Board (COB) Light Emitting Diode
- 14.3 Labor Cost Analysis of Board (COB) Light Emitting Diode
- 14.4 Manufacturing Expenses Analysis of Board (COB) Light Emitting Diode

#### **CHAPTER 15 REPORT CONCLUSION**

#### CHAPTER 16 RESEARCH METHODOLOGY AND REFERENCE

- 16.1 Methodology/Research Approach
  - 16.1.1 Research Programs/Design
  - 16.1.2 Market Size Estimation
  - 16.1.3 Market Breakdown and Data Triangulation
- 16.2 Data Source
  - 16.2.1 Secondary Sources
  - 16.2.2 Primary Sources
- 16.3 Reference



#### I would like to order

Product name: Board (COB) Light Emitting Diode-Global Market Status & Trend Report 2013-2023 Top

20 Countries Data

Product link: <a href="https://marketpublishers.com/r/BCBDA6633EBEN.html">https://marketpublishers.com/r/BCBDA6633EBEN.html</a>

Price: US\$ 3,680.00 (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/BCBDA6633EBEN.html">https://marketpublishers.com/r/BCBDA6633EBEN.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

