

# Fluorescent Bulbs: Market Research Report

https://marketpublishers.com/r/F2FAF77FA3DEN.html

Date: January 2015

Pages: 240

Price: US\$ 4,500.00 (Single User License)

ID: F2FAF77FA3DEN

### **Abstracts**

This report analyzes the worldwide markets for Fluorescent Bulbs in US\$ Million by the following Types: Compact Fluorescent Bulbs (CFL), and Linear Fluorescent Bulbs (LFL). The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America. Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 75 companies including many key and niche players such as -

Ajanta Manufacturing Limited

Bajaj Electricals Limited

Crompton Greaves Ltd.

Feit Electric Company

General Electric Company



### **Contents**

### I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study
Compact Fluorescent Lamps (CFL)
Linear Fluorescent Lamps (LFL)

#### II. EXECUTIVE SUMMARY

#### 1. INDUSTRY OVERVIEW

A Prelude
World Lighting Industry Abuzz with Replacements
Rapidly Emerging Energy-Saving Lighting Technologies

**Table 1.** Global Lighting Technologies Comparison: Lifetime (hours), Energy Efficiency (Lm/W), Advantages and Disadvantages for Incandescent Bulbs, Halogen Bulbs, CFLs, Induction Lighting, HID, and LED Retrofit

Pros and Cons of Various Lighting Technologies

**Table 2.** Major Light Sources and Luminous Efficacy (Im/Watt) (includes corresponding Graph/Chart)

Fluorescents vs. LEDs

CFLs: The Journey toward Market Dominance

Advantages:

Disadvantages:

Early issues associated with CFLs:

Improvements Witnessed in the Course of Time:

CFL Commercialization Timeline

Fluorescent Bulbs: Myths & Reality



Recession in Retrospect and the Road Ahead Outlook

Asia-Pacific Leads the Global Fluorescent Bulbs Market China Dominates Global CFL Production and Consumption Competitive Landscape

Philips: Largest Manufacturer of CFL Bulbs Worldwide

Philips: Core Capabilities

2014: PHILIPS PLAN TO SPIN OFF LIGHTING BUSINESS

#### 2. MARKET TRENDS AND ISSUES

Phase out of Incandescent Bulbs Augurs well for CFLs & LEDs Schedule of Incandescent Bulb Ban in Select Regions/Countries

**Table 3.** Incandescent Vs. Compact Fluorescent Bulbs

Fluorescent Bulbs Loses to LEDs as Mainstream Replacement for Incandescent

**Table 4.** Global Lighting Market (2014): Percentage Share Breakdown of Value and Volume Sales by Lighting Technology - Compact Fluorescent, Linear Fluorescent, High-Intensity Discharge, Light Emitting Diodes, Incandescent and Halogens (includes corresponding Graph/Chart)

**Table 5.** Cost Comparison of LEDs, CFL, Halogen & Incandescent Bulbs Used in Buildings

Mercury Content in Fluorescents Accelerates LED Penetration LEDs to Dominate Lighting Market in the Long Run Technology Advancements Continues Despite Decline in Demand T5 Grow Lights: Potential to Outperform LED Grow Lights?

**Table 6.** Comparative Analysis of Select Grow Lights

Smart Dimmers to Improve Performance Shatterproof Fluorescent Bulbs that Address Mercury Spill Concern LED Fluorescent Tubes: A Niche Market with Bright Prospects



Fluorescent Bulbs: Relatively Longer Lifespan Result in Decline in Replacement Demand

Compact Fluorescent Lamps: The Actual Carbon Footprint
Increasing Prices of Light Rare Earth Elements Affects Fluorescent Bulbs Supply
Lack of International Quality Standards Add to the Woes
The US Federal Law Phase Out T12 Fluorescent Lamps and Magnetic Ballasts

**Table 7.** The US Market for Linear Fluorescent Bulbs by Product Type - Percentage Breakdown of Dollar Sales for T12, T8 and T5 Markets for Years 2010, 2015 & 2018 (includes corresponding Graph/Chart)

Distribution of CFLs Changes Track in the US

#### 3. GLOBAL LIGHTING MARKET: A MACRO PERSPECTIVE

Global Lighting Market by Major End-Use Sectors:

**Table 8.** Global General Lighting Market by Application Sector (2014): Percentage Breakdown of New Installations for Architectural, Commercial, Hospitality, Industrial, Office, Outdoor and Residential (includes corresponding Graph/Chart)

**Table 9.** Global Architectural Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, HID, and LEDs (includes corresponding Graph/Chart)

**Table 10.** Global Commercial (Retail/Shop) Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, Halogen, HID, Incandescent and LEDs (includes corresponding Graph/Chart)

**Table 11.** Global Hospitality Industry Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, Halogen, HID, Incandescent and LEDs (includes corresponding Graph/Chart)

**Table 12.** Global Industrial Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, Halogen, HID, Incandescent and LEDs (includes corresponding Graph/Chart)



**Table 13.** Global Office Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, Halogen, HID and LEDs (includes corresponding Graph/Chart)

**Table 14.** Global Outdoor Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, HID and LEDs (includes corresponding Graph/Chart)

**Table 15.** Global Residential Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, Halogen, Incandescent and LEDs (includes corresponding Graph/Chart)

Competition in the Global Lighting Market

**Table 16.** Leading Players in the Global Market for Light Bulbs (2013): Percentage Breakdown of Revenues for Philips, Osram, General Electric and Others (includes corresponding Graph/Chart)

Leading Lamps and Luminaires Companies Worldwide: Leadership Position & Key Growth Factors for Philips, Siemens/OSRAM, GE, CREE, and Toyota Gosei A Healthy Growth Predicted for the Global Lighting Market Key Demand Determinants Asia Continues to be the Largest Lighting Market in the World

**Table 17.** Global General Lighting Market by Geographic Region (2014): Percentage Market Share of Value Sales for North America, Europe, Asia, Middle East and Africa and Latin America (includes corresponding Graph/Chart)

**Table 18.** General Lighting in BRIC Countries (2014): Percentage Market Share of Value Sales for Brazil, Russia, India and China (includes corresponding Graph/Chart)

Lighting Product Mix Undergoing a Major Transformation with Nuclear Power Phase Out

Favorable Demographic Trends Strengthens Market Prospects Expanding Population and Growing Urbanization Fuel Demand



**Table 19.** World Population by Geographic Region (2000-2050) (In Millions) (includes corresponding Graph/Chart)

**Table 20.** 25 Countries with the Highest Population Worldwide: 2007, 2010 & 2015E (includes corresponding Graph/Chart)

Reviving Construction Industry Signals Opportunities for the Lighting Market

**Table 21.** Growth in the Global Construction Market by Sector (2013-2020) (includes corresponding Graph/Chart)

**Table 22.** Projected Growth in the US Construction Market by Sector (2012-2020) (includes corresponding Graph/Chart)

**Table 23.** Projected Growth in the West European Construction Market by Country (2012-2020) (includes corresponding Graph/Chart)

**Table 24.** Projected Growth in the Asian Construction Market by Region and Sector (2014-2020) (includes corresponding Graph/Chart)

Increasing Non-residential Construction Favors Market Growth
Rising Environmental Concerns Drive Demand for Recyclable Options
LED Applications on the Rise: Will it Completely Replace GLS?
Transition to LED to Increase Market Competition
OLEDs: The Future Growth Area

### 4. PRODUCT OVERVIEW

Fluorescent Bulbs

Fluorescent Bulb Invention Timeline

Advantages and Disadvantages Associated with Fluorescent Bulbs

Advantages

**Higher Luminous Efficacy** 

Longer Life-Span

Lower heat

Disadvantages

Frequent Switching Reduces Lifespan

Health and Safety Issues



**Ultraviolet Emissions** 

Requirement of a Ballast

Highly Specific Operating Temperature

Disposal and Recycling

Compact Fluorescent Lamps (CFL)

History of CFL

Types of CFLs

The Basic Design of a Compact Fluorescent Lamp

Cost of CFLs

Recycling of CFLs – A Major Concern

Linear Fluorescent Bulbs

Generations/Types of LFLs:

Light Output and Efficacy of 4'Linear Fluorescent Bulbs

Third Generation T5 Lamps

Other Types of Fluorescent Bulbs

**Black Lights** 

**Tanning Lamps** 

Cold-cathode fluorescent lamps (CCFL)

Infrared Lamps

Bilirubin Lamps

**UVB Medical Lamps** 

**Grow Lamps** 

Germicidal Lamps

Electrode-less Lamps

#### 5. PRODUCT INTRODUCTIONS/INNOVATIONS

USHIO America Rolls-Out New Ultra 5 and Ultra 8 Fluorescent Lamps

B. lux Unveils New Fluorescent Ilde Pendant Lamp

Larson Electronics Introduces New EPL-EMG-24-4L-T5HO Fluorescent Light Fixture

Larson Electronics Introduces T8HO

Richard Pieris Introduces Arpilight CFL Bulb

Shat-R-Shield Introduces New Range of UV Blocking CFLs

Larson Electronics Magnalight Introduces New HAL-48-4L

Larson Electronics Introduces EPL-48-2L-UV

General Electric Lighting Introduces Dimmable CFL Bulb

OSRAM SYLVANIA Rolls-out OCTRON 800 XV

MaxLite Unveils New T5 49-Watt Saver Fluorescent Lamps

Havells Introduces Decorative CFL Lamps



#### 6. RECENT INDUSTRY ACTIVITY

Crompton Greaves to Acquire CFL Manufacturing Business from Karma Industries
Orange Electric Introduces CFL GANU DENU Promotion Program
LUXADD and Kilowatt Depot Enter into Distribution Partnership

#### 7. FOCUS ON SELECT GLOBAL PLAYERS

Ajanta Manufacturing Limited (India)

Bajaj Electricals Limited (India)

Crompton Greaves Ltd. (India)

Feit Electric Company (US)

General Electric Company (US)

Havells India Limited (India)

Havells USA (US)

Koninklijke Philips N. V. (The Netherlands)

Litetronics International, Inc. (US)

Osram GmbH (Germany)

Surya Roshni Ltd. (India)

Wipro Enterprises Limited (India)

#### 8. GLOBAL MARKET PERSPECTIVE

**Table 25.** World Recent Past, Current & Future Analysis for Fluorescent Bulbs by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 26.** World Historic Review for Fluorescent Bulbs by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 27.** World 14-Year Perspective for Fluorescent Bulbs by Geographic Region - Percentage Breakdown of Dollar Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years



2007, 2015 & 2020 (includes corresponding Graph/Chart)

Fluorescent Bulbs Market by Product Segment

**Table 28.** World Recent Past, Current & Future Analysis for Linear Fluorescent Bulbs (LFLs) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 29.** World Historic Review for Linear Fluorescent Bulbs (LFLs) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 30.** World 14-Year Perspective for Linear Fluorescent Bulbs (LFLs) by Geographic Region - Percentage Breakdown of Dollar Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 31.** World Recent Past, Current & Future Analysis for Compact Fluorescent Bulbs (CFLs) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 32.** World Historic Review for Compact Fluorescent Bulbs (CFLs) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 33.** World 14-Year Perspective for Compact Fluorescent Bulbs (CFLs) by Geographic Region - Percentage Breakdown of Dollar Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)



#### III. MARKET

#### 1. THE UNITED STATES

A. Market Analysis

CFLs to Lose Out to LEDs as Incandescent Replacements in the Long Run LEDs vs. CFLs

Post-2014, LEDs to Offer Tough Price Competition to CFLs
The US Federal Law Phases Out T12 Fluorescent Lamps and Magnetic Ballasts
T8 700 Series Banned Under the Energy Independence and Security Act
List of Select Light Bulb Bans in the Recent Past

**Table 34.** US Market for Fluorescent Lamps by Type (2013): Percentage Share Breakdown of Volume Sales for T5, T8 & T12 (includes corresponding Graph/Chart)

Distribution of CFLs Changes Track in the US
US Lighting Industry Trends
Lighting Moving Beyond the Functional Aspect
US Consumer Choice Skewed towards Imported Lighting Products
Demand for Decorative Portable Lamps Surges

**Table 35.** Portable Lamps Market in the US by Distribution Channel (2014): Percentage Share Breakdown for Catalogs, Department Stores, Furniture Stores and Chains, Home Improvement Centers, Lighting and Specialty Stores, and Mass Merchants (includes corresponding Graph/Chart)

Regulations Governing Lighting Manufacture and Disposal Key US Lighting Statistics

**Table 36.** US Market for Commercial Lighting by Type (2014E, & 2025F): Percentage Share Breakdown of Volume Sales for CFL, Halogen, Incandescent, and LED Lamp (includes corresponding Graph/Chart)

**Table 37.** US Market for Industrial Lighting by Type (2014E, & 2025F): Percentage Share Breakdown of Volume Sales for CFL, Halogen, Incandescent, and LED Lamp (includes corresponding Graph/Chart)



**Table 38.** US Market for Lighting by Application (2014): Percentage Share Breakdown of Volume Sales for Buildings, Automotive, Outdoor and Appliances (includes corresponding Graph/Chart)

**Table 39.** North American Lighting Source Mix by Lighting Technology (2014): Percentage Share of Value Sales for Linear Fluorescent, Halogen, Compact Fluorescent, LEDs, Incandescent, and High-Intensity Discharge (includes corresponding Graph/Chart)

**Table 40.** North American General Lighting Market by Application (2014): Percentage Share Breakdown of Value Sales for Architectural, Commercial, Hospitality, Industrial, Office, Outdoor and Residential (includes corresponding Graph/Chart)

**Table 41.** Leading Players in the US Lighting Market (2013): Percentage Market Share of Retail Sales for General Electric Co., Osram Sylvania, Private Label and Others (includes corresponding Graph/Chart)

US Lighting Statistics in the Recent Past

**Table 42.** US Residential Building Lighting Installed Base (2010): Percentage Share Breakdown by Lighting Technology (includes corresponding Graph/Chart)

**Table 43.** US Commercial Building Lighting Installed Base (2010): Percentage Share Breakdown by Lighting Technology (includes corresponding Graph/Chart)

**Table 44.** US Industrial Building Lighting Installed Base (2010): Percentage Share Breakdown by Lighting Technology (includes corresponding Graph/Chart)

**Table 45.** US Outdoor Lighting Installed Base (2010): Percentage Share Breakdown by Lighting Technology (includes corresponding Graph/Chart)

Imports and Exports

**Table 46.** US Imports of Hot Cathode Fluorescent Discharge Lamps (2013): Percentage Share Breakdown of Value Imports by Country of Origin (includes corresponding Graph/Chart)



**Table 47.** US Exports of Hot Cathode Fluorescent Discharge Lamps (2013): Percentage Breakdown of Value Exports by Destination Country (includes corresponding Graph/Chart)

Product Launches
Strategic Corporate Development
Key Players
B. Market Analytics

**Table 48.** The US Recent Past, Current & Future Analysis for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 49.** The US Historic Review for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 50.** The US 14-Year Perspective for Fluorescent Bulbs by Product Segment - Percentage Breakdown of Dollar Revenues for Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

### 2. CANADA

A. Market Analysis
Fluorescents Experience Steady Decline in Canada
Canada Initiates Voluntary CFL Recycling Program
EXIM Statistics

**Table 51.** Canadian Imports of Hot Cathode Fluorescent Discharge Lamps (2013): Percentage Breakdown of Value Imports by Country of Origin (includes corresponding Graph/Chart)

**Table 52.** Canadian Exports of Hot Cathode Fluorescent Discharge Lamps (2013): Percentage Breakdown of Value Exports by Destination Country (includes



corresponding Graph/Chart)

B. Market Analytics

**Table 53.** Canadian Recent Past, Current & Future Analysis for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 54.** Canadian Historic Review for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 55.** Canadian 14-Year Perspective for Fluorescent Bulbs by Product Segment - Percentage Breakdown of Dollar Revenues for Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

#### 3. JAPAN

A. Market Analysis

Fluorescents Lose Share Due to Fast Penetration of LEDs

**Table 56.** Japanese Light Source Production by Type (2014E): Percentage Share Breakdown of Volume Production for Fluorescent Bulbs, Halogen Lamps, High-Intensity Discharge Bulbs, LED Bulbs, LED Linear, and Others (includes corresponding Graph/Chart)

Incandescent Bulbs Phased Out in Japan in 2012 B. Market Analytics

**Table 57.** Japanese Recent Past, Current & Future Analysis for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)



**Table 58.** Japanese Historic Review for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 59.** Japanese 14-Year Perspective for Fluorescent Bulbs by Product Segment - Percentage Breakdown of Dollar Revenues for Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

#### 4. EUROPE

A. Market Analysis

EU RoHS Directive on Mercury Content in Lamps Restricts Fluorescents Growth
The European Union Withdraws Incandescent from the Market
Scheduled Phase Out of Incandescent Lamps in the EU
Initial Response for Energy-Saving Lamps Weak in Europe
The EU Energy-Using Products (EuP) Directive
European Lighting Market by Lighting Technology and Application

**Table 60.** European General Lighting Market by Application (2014): Percentage Share of Value Sales for Architectural, Commercial, Hospitality, Industrial, Office, Outdoor and Residential (includes corresponding Graph/Chart)

**Table 61.** European General Lighting Market by Lighting Technology (2014): Percentage Share of Value Sales for Compact Fluorescent, Halogen, High-Intensity Discharge, Incandescent, Light Emitting Diodes (LEDs), and Linear Fluorescent (includes corresponding Graph/Chart)

B. Market Analytics

**Table 62.** European Recent Past, Current & Future Analysis for Fluorescent Bulbs by Geographic Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 63. European Historic Review for Fluorescent Bulbs by Geographic Region -



France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 64.** European 14-Year Perspective for Fluorescent Bulbs by Geographic Region - Percentage Breakdown of Dollar Revenues for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 65.** European Recent Past, Current & Future Analysis for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 66.** European Historic Review for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 67.** European 14-Year Perspective for Fluorescent Bulbs by Product Segment - Percentage Breakdown of Dollar Revenues for Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

#### **4A. FRANCE**

Market Analysis

**Table 68.** French Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 69.** French Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **4B. GERMANY**



A. Market AnalysisOsram GmbH – A Key PlayerB. Market Analytics

**Table 70.** German Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 71.** German Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

4C. ITALY

Market Analysis

**Table 72.** Italian Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 73.** Italian Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **4D. THE UNITED KINGDOM**

A. Market AnalysisUK Phase-out Energy Inefficient LampsB. Market Analytics

**Table 74.** UK Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 75.** UK Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes



corresponding Graph/Chart)

#### **4E. SPAIN**

A. Market AnalysisProduct LaunchB. Market Analytics

**Table 76.** Spanish Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 77.** Spanish Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### 4F. RUSSIA

A. Market AnalysisLEDs to Dominate the Russian Lamp MarketB. Market Analytics

**Table 78.** Russian Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 79.** Russian Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### 4G. REST OF EUROPE

A. Market Analysis Koninklijke Philips N. V. (The Netherlands) - A Global Leading Player B. Market Analytics



**Table 80.** Rest of Europe Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 81.** Rest of Europe Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### 5. ASIA-PACIFIC

A. Market Analysis

Asia-Pacific: Largest Market for Fluorescent Bulbs by the end of the Decade

**Table 82.** General Lighting Market in Asia-Pacific by Lighting Technology (2014): Percentage Share of Value Sales for Compact Fluorescent, Halogen, High-Intensity Discharge, Incandescent, Light Emitting Diodes (LEDs), and Linear Fluorescent (includes corresponding Graph/Chart)

**Table 83.** General Lighting Market in Asia-Pacific by Application (2014): Percentage Share of Value Sales for Architectural, Commercial, Hospitality, Industrial, Office, Outdoor and Residential (includes corresponding Graph/Chart)

B. Market Analytics

**Table 84.** Asia-Pacific Recent Past, Current & Future Analysis for Fluorescent Bulbs by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 85.** Asia-Pacific Historic Review for Fluorescent Bulbs by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 86.** Asia-Pacific 14-Year Perspective for Fluorescent Bulbs by Geographic Region - Percentage Breakdown of Dollar Revenues for China, India and Rest of Asia-Pacific Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)



**Table 87.** Asia-Pacific Recent Past, Current & Future Analysis for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 88.** Asia-Pacific Historic Review for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 89.** Asia-Pacific 14-Year Perspective for Fluorescent Bulbs by Product Segment - Percentage Breakdown of Dollar Revenues for Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

#### **5A. CHINA**

A. Market AnalysisChinese Lighting Industry SnapshotsAn Overview of the Chinese Lighting Market

**Table 90.** Chinese General Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, Halogen, HID, Incandescent and LED (includes corresponding Graph/Chart)

**Table 91.** Chinese General Lighting Market by Application (2014): Percentage Share Breakdown of Value Sales for Architectural, Commercial, Hospitality, Industrial, Office, Outdoor and Residential (includes corresponding Graph/Chart)

China Dominates Global CFL Production
China to Lower Mercury Content in Fluorescent Bulbs
Schedule for Phase-out of Liquid Mercury in Fluorescent Bulbs
CFLs Currently Preferred over LEDs in China
China Announces the Schedule for Incandescent Bulb Phase Out
Scheduled Phase Out of Incandescent Lamps in China
Increasing Subsidies for Energy-Saving Bulbs
B. Market Analytics



**Table 92.** Chinese Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 93.** Chinese Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

5B. INDIA

A. Market Analysis
CFL Success in India Short-lived

**Table 94.** Leading Indian Compact Fluorescent Lamp Manufacturers (2013): Percentage Share Breakdown of Value Sales for BEL, Crompton Greaves, Oreva, Philips, Surya, and Others (includes corresponding Graph/Chart)

**Table 95.** Commercial Lighting Market in India by Type (2013): Percentage Share Breakdown of Volume Sales for CFL, Fluorescent, Incandescent, and Others (includes corresponding Graph/Chart)

Incandescent Bulbs Sustain Leadership Position in India, for the Present

**Table 96.** Indian Production of Lamps (Million Pieces) by Type (2011, 2012, & 2013) (includes corresponding Graph/Chart)

**Table 97.** Domestic Lighting Market in India by Type (2013): Percentage Share Breakdown of Volume for CFL, Fluorescent, Incandescent, and Others (includes corresponding Graph/Chart)

**Table 98.** Power Consumption in India by Lighting Type (2013): Percentage Share Breakdown of Power Consumed for CFL, Fluorescent, Incandescent, and Others (includes corresponding Graph/Chart)

Product Launch
Strategic Corporate Development



Key Players

B. Market Analytics

**Table 99.** Indian Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 100.** Indian Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

### **5C. REST OF ASIA-PACIFIC**

A. Market Analysis
Select Regional Markets
Australia
Indonesia
South Korea

**Table 101.** South Korean Lighting Demand (2000, 2005, 2010 and 2015): Percentage Share Breakdown of Value Sales by Lighting Type (includes corresponding Graph/Chart)

**Table 102.** South Korean Lighting Demand (2000, 2005, 2010 and 2015): Percentage Share Breakdown of Value Sales by End-use Market (includes corresponding Graph/Chart)

Taiwan

Thailand

The Philippines

**Product Launch** 

Strategic Corporate Development

B. Market Analytics

**Table 103.** Rest of Asia-Pacific Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years



2014 through 2020 (includes corresponding Graph/Chart)

**Table 104.** Rest of Asia-Pacific Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### 6. MIDDLE EAST & AFRICA

Market Analysis

**Table 105.** Middle East & Africa Recent Past, Current & Future Analysis for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 106.** Middle East & Africa Historic Review for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 107.** Middle East & Africa 14-Year Perspective for Fluorescent Bulbs by Product Segment - Percentage Breakdown of Dollar Revenues for Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

#### 7. LATIN AMERICA

A. Market Analysis

**Table 108.** Latin American General Lighting Market by Lighting Technology (2014): Percentage Share Breakdown of Value Sales for Linear Fluorescent, High-Intensity Discharge, Compact Fluorescent, Light Emitting Diode, Halogen and Incandescent (includes corresponding Graph/Chart)

**Table 109.** Latin American General Lighting Market by Application (2014): Percentage Share Breakdown of Value Sales for Architectural, Commercial, Hospitality, Industrial, Office, Outdoor and Residential (includes corresponding Graph/Chart)



### B. Market Analytics

**Table 110.** Latin American Recent Past, Current & Future Analysis for Fluorescent Bulbs by Geographic Region - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 111.** Latin American Historic Review for Fluorescent Bulbs by Geographic Region - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 112.** Latin American 14-Year Perspective for Fluorescent Bulbs by Geographic Region - Percentage Breakdown of Dollar Revenues for Brazil and Rest of Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 113.** Latin American Recent Past, Current & Future Analysis for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 114.** Latin American Historic Review for Fluorescent Bulbs by Products Categories - Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 115.** Latin American 14-Year Perspective for Fluorescent Bulbs by Product Segment - Percentage Breakdown of Dollar Revenues for Linear Fluorescent Bulbs and Compact Fluorescent Bulbs Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

#### 7A. BRAZIL

A. Market Analysis

**Table 116.** Brazilian General Lighting Market by Technology (2014): Percentage Share Breakdown of Value Sales for Fluorescent, Halogen, HID, Incandescent and LED



(includes corresponding Graph/Chart)

**Table 117.** Brazilian General Lighting Market by Application (2014): Percentage Share Breakdown of Value Sales for Architectural, Commercial, Hospitality, Industrial, Office, Outdoor and Residential (includes corresponding Graph/Chart)

B. Market Analytics

**Table 118.** Brazilian Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 119.** Brazilian Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **7B. REST OF LATIN AMERICA**

A. Market Analysis

State of Lighting Markets in Select Latin American Countries

Argentina

Bolivia

Colombia

Ecuador

Venezuela

B. Market Analytics

**Table 120.** Rest of Latin American Recent Past, Current & Future Analysis for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 121: Rest of Latin American Historic Review for Fluorescent Bulbs Independently Analyzed with Annual Revenue Figures in US\$ Millions for Years 2007 through 2013 (includes corresponding Graph/Chart)III-96

#### IV. COMPETITIVE LANDSCAPE



Asia-Pacific (Excluding Japan) (13)

Total Companies Profiled: 75 (including Divisions/Subsidiaries - 80)
The United States (58)
Canada (2)
Japan (1)
Europe (6)
Germany (1)
The United Kingdom (1)
Spain (1)
Rest of Europe (3)



### I would like to order

Product name: Fluorescent Bulbs: Market Research Report

Product link: https://marketpublishers.com/r/F2FAF77FA3DEN.html

Price: US\$ 4,500.00 (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/F2FAF77FA3DEN.html">https://marketpublishers.com/r/F2FAF77FA3DEN.html</a>

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

Loot 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