Global Smart Lighting Market - Analysis & Forecast, from 2016 to 2022

Description: Smart lighting continues to propel the lighting industry with increasing revenue at a global level. The integration of physical security industry with smart lighting, changing paradigm of lighting industry to electronics industry and adding voice control feature to the upcoming products led to the global emergence of smart lighting market. The global Smart Lighting market is estimated to witness a growth at a CAGR of 12.7% over the period 2016 to 2022. This growth is expected due to increasing smart homes market along with customization benefits and continuously decreasing Average Selling Price (ASP) of LED bulbs.

The U.S. generated the maximum amount of revenue in the year 2015 in the global smart lighting industry among all the countries; whereas, The U.K. has the maximum potential to grow in the forecast period. If the industry has the prospects of growing with the same pace, it will cross $78 billion in total market value by the end of forecast period 2022.

The industry analysis section has examined the impact of the five major forces and value chain analysis to understand the overall attractiveness of the industry. The most often used strategy for developing a better hold on to the market has been through product launches, followed by partnerships, joint ventures, and collaborations. Moreover, the company profile section includes highlights of significant information about the key companies involved along with their financial positions, key strategies, and developmental activities of recent years. Some of the key players involved in this market are Acuity Brands Inc., ams AG, General Electric Company, Honeywell International Inc., Koninklijke Philips N.V., Leviton Manufacturing Co. Inc., Lutron Electronics Co. Inc., NXP Semiconductors NV, OSRAM Licht AG, and Zumtobel Group AG.

The report is a compilation of different segments of Global Smart Lighting Market including market breakdown by component, technology, and application. It further takes in Porter’s five forces analysis and market dynamics. The report also discusses in detail about the key participants involved in the industry.

The report has skillfully identified the potential for further development in the form of product launches, acquisitions, and partnerships among others. The report has also included a separate section of detailed competitive landscape. The recent activities by the key players in this market have also been tracked in the form of company profiles. Some of the key companies covered in the report are Acuity Brands Inc., ams AG, General Electric Company, Honeywell International Inc., Koninklijke Philips N.V., Lutron Electronics Co. Inc., NXP Semiconductors NV, OSRAM Licht AG, and Zumtobel Group AG among others.

The author has estimated the industry to grow over $78 billion by 2022 at a CAGR of 11.7% through 2015-2022, with Asia Pacific leading the market. The application of smart lighting in the commercial sector is dominating the market. On the basis of components, fixtures segment dominates the global smart lighting market.

The report answers the following questions about the Global Smart Lighting Market:
- What are the prevailing components, and technologies used in smart lighting?
- What are the different application areas of smart lighting?
- What are the different factors driving the market in the forecast period?
- What are the factors restraining the growth of Global Smart Lighting Market?
- Who are the different participants in the Global Smart Lighting Market?
- What kind of new strategies are being adopted by existing market players to make a mark in the industry?
- Which region will lead the Global Smart Lighting Market by the end of forecast period?

Contents:

Executive Summary
1 Report Scope
  1.1 Market Definition
1.2 Report Coverage
  1.2.1 Market Classification
    1.2.1.1 Market Segmentation by Geography
1.3 Assumptions and Limitations
1.4 Stakeholders

2 Research Methodology
2.1 Research Parameters
2.2 Research Design
2.2.1 Primary Research
2.2.2 Secondary Research
2.2.3 Data Triangulation
2.2.4 Data Analysing & Market Estimation
2.2.4.1 Top-down Approach
2.2.4.2 Bottom-up Approach

3 Industry Analysis
3.1 Supply Chain Analysis
3.2 Lighting and LED trends
3.2.1 Cloud-Based Lighting Controls
3.2.2 Light Fidelity (LiFi) Becoming a Brighter Way to Communicate
3.2.3 OLED Panel Shipments on the Rise
3.2.4 LED Filament Bulbs Combining Incandescent Bulb Beauty with LED Lamp Benefits

4 Market Dynamics
4.1 Introduction
4.2 Market Drivers
4.2.1 Prevailing Issue of Global Energy Crisis Supporting the Adoption of Smart Lighting
4.2.2 Increasing Trend of Smart Homes Along with Customization Benefits Supports Smart Lighting Market
4.2.3 Increasing Support of Government for Use of Smart Lighting in Street Lights
4.2.4 Continuously Declining Average Selling Price (ASP) of LED Bulbs
4.3 Opportunities in the Market
4.3.1 The Integration of Physical Security Industry with Smart Lighting
4.3.2 Changing Paradigm of Lighting Industry to Electronics Industry
4.3.3 Adding Voice Control Feature to the Upcoming Products
4.4 Market Restraints
4.4.1 Designing Challenges While Using LED
4.4.2 Consumers have to Bear High Replacement Costs from Existing Solutions to Smart Lighting
4.4.3 Lack of Standards and the Associated Interoperability Issues

5 Competitive Insights
5.1 Key Market Developments & Strategies (2014-2016)
5.1.1 New Product Launches, Developments and Expansions
5.1.2 Partnerships, Joint Ventures, Collaborations and Contracts
5.1.3 Business Expansions and Certifications
5.1.4 Mergers & Acquisitions
5.1.5 Others
5.2 Porter's Five Forces Analysis
5.2.1 Threat from New Entrants
5.2.2 Bargaining Power of Buyers
5.2.3 Bargaining Power of Suppliers
5.2.4 Threat from Substitutes
5.2.5 Intensity of Competitive Rivalry
5.3 Leading Players Analysis
5.4 R&D Analysis of Leading Players in Smart Lighting Market

6 Global Smart Lighting Market Size & Forecast
6.1 Introduction
6.2 Global Smart Lighting Market Breakdown by Component
6.2.1 Global Fixture Market Breakdown by Products
6.2.2 Global Control Market Breakdown by Product
6.3 Global Smart Lighting Market Breakdown by Application
6.3.1 Residential Application
6.3.2 Commercial Application
6.3.3 Outdoor Application
6.3.4 Automotive Lighting
6.4 Global Smart Lighting Market Breakdown by Region

7 Global Smart Lighting Market Breakdown by Component
7.1 Fixtures
7.1.1 Fluorescent Lamps (FL)
7.1.1.1 Introduction
7.1.1.2 Fluorescent Lamps Market by Application
7.1.1.3 Fluorescent Lamp Market by Region
7.1.2 Compact Fluorescent Lamps (CFL)
7.1.2.1 Introduction
7.1.2.2 Compact Fluorescent Lamp Market by Application
7.1.2.3 Compact Fluorescent Lamp Market by Region
7.1.3 Light Emitting Diode (LED)
7.1.3.1 Introduction
7.1.3.2 LED Market by Application
7.1.3.3 LED Market by Region
7.1.4 Organic Light Emitting Diode (OLED)
7.1.4.1 Introduction
7.1.4.2 OLED Market by Application
7.1.4.3 OLED Market by Region
7.1.5 High Intensity Discharge Lamps (HID)
7.1.5.1 Introduction
7.1.5.2 HID Market by Application
7.1.5.3 HID Market by Region
7.1.6 Plasma Lamps
7.1.6.1 Introduction
7.1.6.2 Plasma Lamps Market by Application
7.1.6.3 Plasma lamps Market by Region
7.2 Controls
7.2.1 Controls Market by Application
7.2.2 Controls Market by Region
7.2.3 Sensors
7.2.3.1 Introduction
7.2.4 Microprocessors & controllers
7.2.4.1 Introduction
7.2.5 Dimmers & Switches
7.2.5.1 Introduction
7.2.6 Wireless Transmitters & Receivers
7.2.6.1 Introduction

8 Global Smart Lighting Market Breakdown by Technology
8.1 Introduction
8.1.1 Wired Technology
8.1.1.1 Building Automation & Control Network (BACnet)
8.1.1.2 Digital Addressable Lighting Interface (DALI)
8.1.1.3 Power Line Communication (PLC)
8.1.1.4 Proprietary Control
8.1.1.5 Others
8.1.2 Wireless Technology
8.1.2.1 EnOcean
8.1.2.2 ZigBee

9 Global Smart Lighting Market Breakdown by Region
9.1 Introduction
9.2 North America Market by Country
9.3 Asia Pacific Market by Country
9.4 Europe Market by Country
9.5 Rest of the World Market by Country

10 Company Profiles
10.1 Introduction
10.2 OSRAM Licht AG
10.2.1 Company Overview
10.11 General Electric Company
10.11.1 Company Overview
10.11.2 Financials
10.11.2.1 Overall Financials
10.11.2.2 Geographic Revenue Mix
10.11.2.3 Business Segment Revenue Mix
10.11.2.4 Financial Summary
10.11.3 Key Strategies & Developments
10.11.4 SWOT Analysis
10.12 NXP Semiconductors N.V.
10.12.1 Company Overview
10.12.2 Financials
10.12.2.1 Overall Financials
10.12.2.2 Geographic Revenue Mix
10.12.2.3 Business Segment Revenue Mix
10.12.2.4 Financial Summary
10.12.3 Key Strategies & Developments
10.12.4 SWOT Analysis
10.13 Honeywell International Inc.
10.13.1 Company Overview
10.13.2 Financials
10.13.2.1 Overall Financials
10.13.2.2 Business Segment Revenue Mix
10.13.2.3 Financial Summary
10.13.3 SWOT Analysis
10.14 Digital Lumens, Inc.
10.14.1 Company Overview
10.14.2 Key Strategies & Developments
10.15 Daintree Networks
10.15.1 Company Overview
10.15.2 Key Strategies & Developments
10.16 Legrand S.A.
10.16.1 Company Overview
10.16.2 Financials
10.16.2.1 Overall Financials
10.16.2.2 Geographic Revenue Mix
10.16.2.3 Financial Summary
10.16.3 SWOT Analysis

List of Tables
Table 4.1 Product Life and Energy Efficiencies of Different Lamps
Table 4.2 Per Unit Price of Different Lamp Technologies
Table 5.1 New Product Launches, Developments and Expansions
Table 5.2 Partnerships, Joint Ventures, Collaborations and Contracts
Table 5.3 Business Expansions and Certifications
Table 5.4 Mergers & Acquisitions
Table 5.5 Other Developments
Table 6.1 Global Smart Lighting Market Breakdown by Component, Units Million (2015 – 2022)
Table 6.2 Global Smart Lighting Market Breakdown by Component, $ Million (2015 – 2022)
Table 6.3 Global Fixture Market Breakdown by Product, Units Million (2015 – 2022)
Table 6.4 Global Fixture Market Breakdown by Product, $ Million (2015 – 2022)
Table 6.5 Global Control Market Breakdown by Product, Units Million (2015 – 2022)
Table 6.6 Global Control Market Breakdown by Product, $ Million (2015 – 2022)
Table 6.7 Global Smart Lighting Market Breakdown by Application, Units Million (2015 – 2022)
Table 6.8 Global Smart Lighting Market Breakdown by Application, $ Million (2015 – 2022)
Table 6.9 Global Smart Lighting Market Breakdown by Region, Units Million (2015 – 2022)
Table 6.10 Global Smart Lighting Market Breakdown by Region, $ Million (2015 – 2022)
Table 7.1 Competitiveness in Fluorescent Lamp Market
Table 7.2 Global Fluorescent Lamps Market Breakdown by Application, Units Million (2015 – 2022)
Table 7.3 Global Fluorescent Lamps Market Breakdown by Application, $ Million (2015 – 2022)
Table 7.4 Global Fluorescent Lamp Market Breakdown by Region, Units Million (2015 – 2022)
Table 7.5 Global Fluorescent Lamp Market Breakdown by Region, $ Million (2015 – 2022)
Table 7.6 Competitiveness in CFL Market
Figure 2.6 Top-Down Approach
Figure 2.7 Bottom-Up Approach
Figure 3.1 Supply Chain Analysis for Smart Lighting Market
Figure 3.2 OLED Shipments (2013-2016)
Figure 4.1 Market Dynamics
Figure 4.2 Rapidly Increasing Atmospheric Carbon Dioxide Concentration (PPMV) Globally
Figure 4.3 Decreasing Average selling Price of LED Bulbs (2009-2020)
Figure 4.4 Types of Security Concerns at Commercial Offices
Figure 5.1 Porter’s Five Forces for the Smart Lighting Market
Figure 5.2 Analysis of Leading Players
Figure 5.3 Research and Development Expenditure, $ Million
Figure 6.1 Global Smart Lighting Market
Figure 6.2 Global Smart Lighting Market, by Component
Figure 6.3 Global Fixture Market, by Product
Figure 6.4 Global Control Market, by Product
Figure 6.5 Global Smart Lighting Market by Application
Figure 6.6 Global Smart Lighting Market Breakdown by Region
Figure 6.7 Global Smart Lighting Market by Region
Figure 7.1 Fluorescent Lamps Market by Application
Figure 7.2 Fluorescent Lamp Market by Region
Figure 7.3 Compact Fluorescent Lamp Market by Application
Figure 7.4 Compact Fluorescent Lamp Market by Region
Figure 7.5 LED Market by Application
Figure 7.6 LED Market by Region
Figure 7.7 OLED Market by Application
Figure 7.8 OLED Market by Region
Figure 7.9 HID Market by Application
Figure 7.10 HID Market by Region
Figure 7.11 Plasma Lamps Market by Application
Figure 7.12 Plasma Lamps Market by Region
Figure 7.13 Controls Market by Application
Figure 7.14 Controls Market by Region
Figure 8.1 Smart Lighting Market, by Technology
Figure 8.2 Price Comparison Between a Wired and Wireless Installation
Figure 9.1 Smart Lighting Market, by Geography
Figure 9.2 North America Smart Lighting Market by Country
Figure 9.3 Asia Pacific Smart Lighting Market by Country
Figure 9.4 Europe Smart Lighting Market by Country
Figure 9.5 Rising Penetration of Smart Phone
Figure 9.6 Rest of the World Smart Lighting Market by Country
Figure 10.1 Geographic Footprints of Key Players in the Market
Figure 10.2 Overall Financials, 2013-15 ($ Million)
Figure 10.3 Geographic Revenue Mix, 2013-15 ($ Million)
Figure 10.4 Segment Revenue Mix, 2013-15 ($ Million)
Figure 10.5 OSRAM Licht AG: Swot Analysis
Figure 10.6 Overall Financials, 2013-15 ($ Million)
Figure 10.7 Geographic Revenue Mix, 2013-15 ($ Million)
Figure 10.8 Acuity Brands Inc.: Swot Analysis
Figure 10.9 Overall Financials, 2013-15 ($ Million)
Figure 10.10 Geographic Revenue Mix, 2012-14 ($ Million)
Figure 10.11 Segment Revenue Mix, 2013-15 ($ Million)
Figure 10.12 Koninklijke Philips N.V.: Swot Analysis
Figure 10.13 Overall Financials, 2012-14 ($ Million)
Figure 10.14 Geographic Revenue Mix, 2012-14 ($ Million)
Figure 10.15 Control4 Corporation: Swot Analysis
Figure 10.16 Overall Financials, 2013-15 ($ Million)
Figure 10.17 Geographic Revenue Mix, 2013-15 ($ Million)
Figure 10.18 Segment Revenue Mix, 2012-15 ($ Million)
Figure 10.19 ams AG: Swot Analysis
Figure 10.20 Overall Financials, 2013-15 ($ Million)
Figure 10.21 Geographic Revenue Mix, 2015
Figure 10.22 Zumtobel Group AG: Swot Analysis
Figure 10.23 Overall Financials, 2013-15 ($ Million)
Figure 10.24 Geographic Revenue Mix, 2013-15 ($ Million)
Figure 10.25 Segment Revenue Mix, 2013-15 ($ Million)
Figure 10.26 CommScope Holding Company Inc.: Swot Analysis
Figure 10.27 Overall Financials, 2013-15 ($ Million)
Figure 10.28 Geographic Revenue Mix, 2013-15 ($ Million)
Figure 10.29 Segment Revenue Mix, 2013-15 ($ Million)
Figure 10.30 General Electric Company: Swot Analysis
Figure 10.31 Overall Financials, 2012-15 ($ Million)
Figure 10.32 Geographic Revenue Mix, 2012-15 ($ Million)
Figure 10.33 Segment Revenue Mix, 2012-15 ($ Million)
Figure 10.34 NXP Semiconductors NV: Swot Analysis
Figure 10.35 Overall Financials, 2012-14 ($ Million)
Figure 10.36 Segment Revenue Mix, 2012-14 ($ Million)
Figure 10.37 Honeywell International Inc.: Swot Analysis
Figure 10.38 Overall Financials, 2012-14 ($ Million)
Figure 10.39 Geographic Revenue Mix, 2014
Figure 10.40 Legrand S.A.: Swot Analysis

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3773996/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Global Smart Lighting Market - Analysis & Forecast, from 2016 to 2022
Web Address: http://www.researchandmarkets.com/reports/3773996/
Office Code: SC2GGFI5

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td></td>
<td>USD 3399</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>USD 3999</strong> - Until 15th Apr 2017</td>
</tr>
<tr>
<td>Hard Copy:</td>
<td></td>
<td>USD 3654 + USD 56 Shipping/Handling</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>USD 4299</strong> - Until 15th Apr 2017</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td></td>
<td>USD 4674</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>USD 5499</strong> - Until 15th Apr 2017</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td></td>
<td>USD 5524</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>USD 6499</strong> - Until 15th Apr 2017</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.
* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:                    Mr □  Mrs □  Dr □  Miss □  Ms □  Prof □
First Name:              ___________________________  Last Name: ___________________________
Email Address: *          ___________________________  
Job Title:               ___________________________  
Organisation:            ___________________________  
Address:                 ___________________________  
City:                    ___________________________  
Postal / Zip Code:       ___________________________  
Country:                 ___________________________  
Phone Number:            ___________________________  
Fax Number:              ___________________________  
Title:  Mr  □  Mrs  □  Dr  □  Miss  □  Ms  □  Prof  □  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World