

LED Lighting Market by Product (Lamps, Luminaire), Application (Indoor, Outdoor), Installation (New, Retrofit), Sales Channel (Direct, retail, E-commerce) and Region (North America, Europe, APAC, Rest of the World) - Global Forecast to 2029

<https://marketpublishers.com/r/L149A6D8C67EN.html>

Date: February 2024

Pages: 265

Price: US\$ 4,950.00 (Single User License)

ID: L149A6D8C67EN

Abstracts

The LED Lighting Market is projected to reach USD 118.4 billion by 2029 from USD 78.9 billion in 2024; it is expected to grow at a CAGR of 8.5% from 2024 to 2029. The increasing use of smart lighting systems, favorable government initiatives and regulations, along with growing investments in R&D due to rising demand for bulbs and luminaires to drive the demand for growth in this market.

“Favorable government initiatives and regulations for energy efficient LED lighting solutions across the world to drive the growth of LED Lighting Market.”

Governments globally are progressively acknowledging the significance of energy efficiency and sustainability, resulting in the enactment of supportive regulations aimed at encouraging the adoption of LED lighting solutions. These regulatory measures are strategically crafted to incentivize the shift from conventional lighting technologies to more energy-efficient and eco-friendly alternatives.

“The Outdoor segment is expected to grow at a higher CAGR during forecasted period.”

The outdoor segment is anticipated to experience a higher CAGR of 10.8% throughout the forecast period. This growth is attributed to the rising deployment of energy-efficient lighting systems in outdoor initiatives such as street and road lighting, tunnel lighting, floodlighting, and stadiums and sports complexes. Given that outdoor projects are

predominantly funded by government entities, there is a heightened focus on energy conservation and cost efficiency. Presently, approximately 317 million streetlights are operational globally, and this figure is projected to increase to 363 million by 2027, presenting substantial opportunities for the adoption of LED lighting solutions in outdoor applications.

“The new installation segment is expected hold the majority market share during the forecasted duration.”

New installation involves the complete setup of advanced LED lighting systems, incorporating the latest LED lamps and luminaires. Integrating new LED light fixtures is a straightforward process, compatible with new construction projects similar to other lighting technologies. In contrast to retrofit installation, which entails a partial upgrade of lighting systems, new installation encompasses the full replacement of a traditional lighting setup. This entails the phased removal of the existing lamp, along with its associated controls and fixtures, making way for the installation of LED lamps and their corresponding controls and fixtures. When comparing LED lighting fixtures to retrofitting, a significant differentiator lies in the cost implications. The implementation of LED lighting fixtures can incur higher expenses due to the necessity of replacing the existing lighting infrastructure, leading to additional costs associated with hiring a qualified electrician.

“The market for the luminaires segment is expected to grow at a higher CAGR during the forecast period.”

The luminaires segment is projected to experience a higher CAGR of 6.9% throughout the forecast period. This growth is attributed to the expanding deployment of energy-efficient lighting systems in outdoor projects such as street and road lighting, tunnel lighting, floodlighting, stadiums, and sports complexes. Moreover, the growing awareness among contractors and project managers about the advantages associated with LED luminaires, including extended lifespan and significant energy-saving potential, is contributing to the upward trajectory of the luminaires segment.

“Asia-Pacific region to hold largest market share in the LED Lighting Market in 2023.”

Asia Pacific is poised to take the lead in the LED lighting market throughout the forecast period, with the region expected to exhibit the highest Compound Annual Growth Rate. The significant driver behind the growth of the LED lighting market in Asia Pacific is the escalating demand for LED lighting solutions in major economies such as China, India,

Japan, Australia, and South Korea. Simultaneously, the surge in construction activities across residential, commercial, and industrial sectors in developing economies within Asia Pacific, including Southeast Asian countries, is a key catalyst for the growth of the LED lighting market in the region.

Breakdown of profiles of primary participants:

By Company Type: Tier 1 = 20%, Tier 2 = 45%, and Tier 3 = 35%

By Designation: C-level Executives = 35%, Directors = 25%, and Others = 40%

By Region: North America = 45%, Europe = 25%, Asia Pacific = 20%, and Rest of the World = 10%

Major players profiled in this report:

The LED Lighting Market is dominated by established players such as Signify Holding (Netherlands), Acuity Brands, Inc.(US), Cree Lighting USA LLC (US), ams-OSRAM AG (Austria), LG Electronics (South Korea), Dialight (UK), Panasonic Corporation (Japan), Hubbell (US), Zumtobel Group (Germany), and Savant Systems, Inc. (US).

Research coverage

This report offers detailed insights into the LED Lighting Market based on Product Type (Lamps and Luminaires), { by lamps (A-Type, T-Type, and Other Lamp Types (Type-B and Type-C LE Lamps)), By luminaires (downlighting, decorative lighting, directional lighting, and other luminaire types (Surface Mounted, In-ground and Pendant Luminaires))}, on Application (Indoor and Outdoor),{ (based on indoor (residential, commercial, industrial, and other indoor applications (government buildings and public spaces), By commercial (offices, retail stores, horticulture gardens, and others)) based on Outdoor (streets and roadways, architectural buildings, sports complexes, and tunnels)}, based on Installation (new and retrofit), based on Sales Channel (retail/wholesale, direct sales, and E-commerce) and Region (North America, Europe, Asia Pacific, and Rest of the World)- Global Forecast to 2029

The report also comprehensively reviews market drivers, restraints, opportunities, and challenges in the LED Lighting Market. The report also covers qualitative aspects in addition to the quantitative aspects of these markets.

Reasons to buy the report:

The report will help the leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall market and the sub-segments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the LED Lighting Market's pulse and provides information on key market drivers, restraints, challenges, and opportunities. This report includes statistics pertaining to the LED Lighting Market based on product type, application, installation, sales channel, and region. Major drivers, restraints, opportunities, and challenges for the LED Lighting Market have been provided in detail in this report. The report includes illustrative segmentation, analysis, and forecast for the LED Lighting Market based on its segments.

The report provides insights on the following pointers:

Analysis of key drivers (Increasing utilization of smart lighting systems in several applications, Surging adoption of LED bulbs and luminaires to achieve goal of net-zero emissions by 2050, Rising demand for LED lighting systems in residential interior designing and home decorating applications, Ongoing release of new innovative LED products due to constant technological advances, LED lighting positively impacting human health & well-being, Favorable government initiatives and regulations for energy efficient LED lighting solutions across the world), restraints (High installation cost of larger projects, Short-to-medium-term impact on market due to US–China trade conflict and ongoing Russia–Ukraine war, and Functional problems associated with LED technology), opportunities (Government initiatives to reduce energy consumption and cut down GHG emissions from public electricity and heat production, Continuous decline in prices of LED chips and other components of lighting systems, Growing adoption of wireless LED lighting technology for outdoor applications, and Rising adoption of LED lighting in horticulture sector) and challenges (Slow rate of adoption of LED technology in developing countries, Constant threat of data/security breach in IOT-based lighting systems, Lack of common open standards for LED lighting).

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the LED Lighting Market

Market Development: Comprehensive information about lucrative markets – the report analyses the LED Lighting Market across varied regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the LED Lighting Market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and product offerings of leading players like Signify Holding (Netherlands), Acuity Brands, Inc.(US), Cree Lighting USA LLC (US), ams-OSRAM AG (Austria), LG Electronics (South Korea), Dialight (UK), Panasonic Corporation (Japan), Hubbell (US), Zumtobel Group (Germany), Savant Systems, Inc. (US).

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.2.1 INCLUSIONS & EXCLUSIONS

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 LED LIGHTING MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.4 YEARS CONSIDERED

1.5 CURRENCY CONSIDERED

1.6 UNIT CONSIDERED

1.7 STAKEHOLDERS

1.8 SUMMARY OF CHANGES

1.8.1 IMPACT OF RECESSION

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 LED LIGHTING MARKET: RESEARCH DESIGN

2.1.1 PRIMARY AND SECONDARY RESEARCH DATA

2.1.2 SECONDARY DATA

2.1.2.1 Key data from secondary sources

2.1.2.2 List of key secondary sources

2.1.3 PRIMARY DATA

2.1.3.1 Key data from primary sources

2.1.3.2 Key insights from industry experts

2.1.3.3 Breakdown of primary interviews

2.1.3.4 List of key primary interview participants

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.2.3 GROWTH RATE AND FORECAST ASSUMPTIONS

2.3 FACTOR ANALYSIS

2.3.1 SUPPLY-SIDE ANALYSIS

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 (SUPPLY SIDE)—REVENUE GENERATED BY COMPANIES FROM PRODUCTS OFFERED IN LED LIGHTING MARKET

2.3.2 DEMAND-SIDE ANALYSIS

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 (DEMAND SIDE) FOR LED LIGHTING MARKET

2.4 DATA TRIANGULATION

FIGURE 7 DATA TRIANGULATION

2.5 LIMITATIONS AND RISK ASSESSMENT

2.6 IMPACT OF RECESSION

2.7 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

FIGURE 8 LAMPS SEGMENT TO ACCOUNT FOR LARGER MARKET SHARE DURING FORECAST PERIOD

FIGURE 9 NEW INSTALLATIONS SEGMENT TO ACCOUNT FOR LARGER MARKET DURING FORECAST PERIOD

FIGURE 10 RETAIL/WHOLESALE SEGMENT TO ACCOUNT FOR LARGEST MARKET DURING FORECAST PERIOD

FIGURE 11 OUTDOOR SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

FIGURE 12 ASIA PACIFIC TO BE MOST LUCRATIVE MARKET DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR KEY PLAYERS IN LED LIGHTING MARKET

FIGURE 13 INCREASING ADOPTION OF LED LAMPS AS SUBSTITUTE FOR CONVENTIONAL LAMPS TO DRIVE GROWTH OF LED LIGHTING MARKET

4.2 LED LIGHTING MARKET, BY PRODUCT TYPE

FIGURE 14 LAMPS SEGMENT TO ACCOUNT FOR LARGER MARKET DURING FORECAST PERIOD

4.3 LED LIGHTING MARKET, BY INSTALLATION

FIGURE 15 NEW INSTALLATIONS SEGMENT TO CAPTURE LARGER MARKET DURING FORECAST PERIOD

4.4 LED LIGHTING MARKET, BY LAMP TYPE

FIGURE 16 A-TYPE LAMPS SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE DURING FORECAST PERIOD

4.5 LED LIGHTING MARKET, BY SALES CHANNEL

FIGURE 17 RETAIL/WHOLESALE SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE DURING FORECAST PERIOD

4.6 LED LIGHTING MARKET, BY INDOOR APPLICATION

FIGURE 18 RESIDENTIAL SEGMENT TO HOLD LARGEST MARKET DURING FORECAST PERIOD

4.7 ASIA PACIFIC: LED LIGHTING MARKET, BY APPLICATION AND KEY COUNTRY

FIGURE 19 CHINA AND INDOOR SEGMENT TO ACCOUNT FOR SIGNIFICANT MARKET SHARES DURING FORECAST PERIOD

4.8 LED LIGHTING MARKET: REGIONAL ANALYSIS

FIGURE 20 INDIA TO BE LUCRATIVE MARKET DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 21 LED LIGHTING MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Increasing use of smart lighting systems

5.2.1.2 Global warming and need for energy consumption

FIGURE 22 GLOBAL LIGHTING PENETRATION TREND, 2012–2030

5.2.1.3 Rising demand for LED lighting systems for residential interior designing and home decoration

5.2.1.4 Growing investments in R&D due to rising demand for bulbs and luminaires

5.2.1.5 LED lighting positively impacting human health and well-being

5.2.1.6 Favorable government initiatives and regulations

FIGURE 23 LED LIGHTING MARKET DRIVERS: IMPACT ANALYSIS

5.2.2 RESTRAINTS

5.2.2.1 High installation cost of large projects

5.2.2.2 US-China trade conflict and ongoing Russia-Ukraine war

5.2.2.3 Functional problems associated with LED technology

FIGURE 24 LED LIGHTING MARKET RESTRAINTS: IMPACT ANALYSIS

5.2.3 OPPORTUNITIES

5.2.3.1 Government initiatives to achieve carbon neutrality

5.2.3.2 Continuous decline in prices of LED chips and other components of lighting systems

5.2.3.3 Growing adoption of wireless LED lighting technology for outdoor applications

5.2.3.4 Rising adoption of LED lighting in horticulture

FIGURE 25 LED LIGHTING MARKET OPPORTUNITIES: IMPACT ANALYSIS**5.2.4 CHALLENGES**

5.2.4.1 Slow rate of adoption of LED technology in emerging economies

5.2.4.2 Threat of data/security breach in IoT-based lighting systems

5.2.4.3 Lack of common open standards for LED lighting

FIGURE 26 LED LIGHTING MARKET CHALLENGES: IMPACT ANALYSIS**5.3 VALUE CHAIN ANALYSIS****FIGURE 27 VALUE CHAIN ANALYSIS****5.4 ECOSYSTEM ANALYSIS****FIGURE 28 MARKET ECOSYSTEM****TABLE 1 LED LIGHTING MARKET: ECOSYSTEM****5.5 INVESTMENT AND FUNDING SCENARIO****FIGURE 29 FUNDING SCENARIO IN LED LIGHTING MARKET, 2018–2022****5.6 PORTER'S FIVE FORCES ANALYSIS****TABLE 2 IMPACT OF PORTER'S FIVE FORCES ON LED LIGHTING MARKET****FIGURE 30 PORTER'S FIVE FORCES ANALYSIS**

5.6.1 INTENSITY OF COMPETITIVE RIVALRY

5.6.2 THREAT OF NEW ENTRANTS

5.6.3 THREAT OF SUBSTITUTES

5.6.4 BARGAINING POWER OF BUYERS

5.6.5 BARGAINING POWER OF SUPPLIERS

5.7 PRICING ANALYSIS**FIGURE 31 AVERAGE SELLING PRICE FOR LED LAMPS (60 W EQUIVALENT), 2020–2023 (USD)**

5.7.1 AVERAGE SELLING PRICE TREND FOR KEY PLAYERS

FIGURE 32 AVERAGE SELLING PRICE TREND FOR KEY PLAYERS, BY PRODUCT TYPE (USD)**FIGURE 33 KEY PLAYERS' AVERAGE SELLING PRICE TREND FOR LED LAMPS (60 W EQUIVALENT), BY REGION, 2020–2023 (USD)****5.8 TRADE ANALYSIS****TABLE 3 IMPORT VALUE FOR LAMPS AND LIGHTING FITTINGS, HS CODE: 9405, 2018–2022 (USD MILLION)****FIGURE 34 IMPORT VALUE OF LAMPS AND LIGHTING FIXTURES, BY COUNTRY, 2018–2022 (USD MILLION)****TABLE 4 EXPORT VALUE FOR LAMPS AND LIGHTING FIXTURES, HS CODE: 9405, 2018–2022 (USD MILLION)****FIGURE 35 EXPORT VALUE OF LAMPS AND LIGHTING FIXTURES, BY COUNTRY, 2018–2022, (USD MILLION)****5.9 REVENUE SHIFT & NEW REVENUE POCKETS FOR LED LIGHTING MARKET**

FIGURE 36 REVENUE SHIFT IN LED LIGHTING MARKET

5.10 CASE STUDY ANALYSIS

5.10.1 ULINE ADOPTED HIGHLY EFFICIENT KBL LUMINAIRE FROM CREE LIGHTING USA LLC TO ENHANCE PERFORMANCE LEVELS

5.10.2 ATL HIRED BROOKS BERRY HAYNIE & ASSOCIATES TO MANAGE AND PERFORM LIGHTING CHANGEOVER FROM ADB AIRFIELD SOLUTIONS UNDER VERY TIGHT SCHEDULE

5.10.3 FRANKLIN INSTITUTE IMPLEMENTED STOUCH LIGHTING'S NEW LIGHTING SYSTEM TO DECREASE ENERGY CONSUMPTION AND IMPROVE LIGHTING QUALITY

5.10.4 WASHINGTON STATE DEPARTMENT OF ECOLOGY UPGRADED LED LIGHTING SYSTEM FROM CREE LIGHTING USA LLC TO REDUCE MAINTENANCE COSTS

5.10.5 ST. LUKES PRIMARY SCHOOL, SKERTON, INSTALLED LED LIGHTING SYSTEMS FROM UK ENERGY WATCH TO REDUCE OPERATING COSTS

5.10.6 PORT OF HOUSTON ADOPTED LED HIGH MAST LIGHTING FROM CONSTELLATION LIGHTING TO ENHANCE SAFETY AND OPERATIONAL EFFICIENCY

5.11 KEY CONFERENCES & EVENTS

TABLE 5 LIST OF KEY CONFERENCES & EVENTS, 2024–2025

5.12 PATENT ANALYSIS

TABLE 6 LIST OF KEY PATENTS IN LED LIGHTING MARKET, 2020–2023

FIGURE 37 TOP 10 COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS IN LAST 10 YEARS

5.12.1 PATENT TRENDS

FIGURE 38 PATENTS GRANTED ANNUALLY BETWEEN 2014 AND 2023

TABLE 7 PATENTS REGISTERED BY TOP 20 OWNERS IN LAST 10 YEARS

5.13 TECHNOLOGY ANALYSIS

5.13.1 LI-FI

5.13.2 HUMAN-CENTRIC LIGHTING

5.13.3 IOT LIGHTING

5.13.4 NATURAL LIGHTING ROBOT

5.13.5 QUANTUM DOT-ENABLED LED

5.14 GOVERNMENT REGULATIONS AND STANDARDS

5.14.1 GOVERNMENT REGULATIONS

5.14.2 LED LIGHTING MARKET STANDARDS

5.14.2.1 IEEE 1789-2015 modulation frequencies for Light-Emitting Diodes (LEDs)

5.14.2.2 Energy Star – Developed by US Department of Energy (DOE) and US Environmental Protection Agency (EPA)

5.14.2.3 NEMA – ANSI C78.51: Electric Lamps – LED (Light-emitting Diode) Lamps – Method of Designation

5.15 REGULATORY LANDSCAPE

5.15.1 NORTH AMERICA

5.15.1.1 US

5.15.1.2 Canada

5.15.1.3 Mexico

5.15.2 EUROPE

5.15.2.1 Switzerland

5.15.2.2 Germany

5.15.2.3 France

5.15.3 ASIA PACIFIC

5.15.3.1 Japan

5.15.3.2 China

5.15.3.3 India

5.15.4 REST OF THE WORLD

5.15.4.1 UAE

5.15.4.2 Saudi Arabia

5.16 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 39 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE INDOOR APPLICATIONS

TABLE 8 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE INDOOR APPLICATIONS

5.16.1 BUYING CRITERIA

FIGURE 40 KEY BUYING CRITERIA FOR TOP THREE INDOOR APPLICATIONS

6 LED LIGHTING MARKET, BY APPLICATION

6.1 INTRODUCTION

TABLE 9 LED LIGHTING MARKET, BY APPLICATION, 2020–2023 (USD BILLION)

FIGURE 41 OUTDOOR APPLICATION TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

TABLE 10 LED LIGHTING MARKET, BY APPLICATION, 2024–2029 (USD BILLION)

6.2 INDOOR

TABLE 11 INDOOR: LED LIGHTING MARKET, BY TYPE, 2020–2023 (USD BILLION)

FIGURE 42 RESIDENTIAL SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

TABLE 12 INDOOR: LED LIGHTING MARKET, BY TYPE, 2024–2029 (USD BILLION)

TABLE 13 INDOOR: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD

BILLION)

TABLE 14 INDOOR: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

6.2.1 RESIDENTIAL

6.2.1.1 Preference for comfortable lighting that consumes low power and adds to aesthetic

TABLE 15 RESIDENTIAL: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 16 RESIDENTIAL: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

6.2.2 COMMERCIAL

6.2.2.1 Need for energy-efficient, operational-at-lower-temperatures, highly efficient, and low-maintenance lights to drive market

TABLE 17 COMMERCIAL: LED LIGHTING MARKET, BY TYPE, 2020–2023 (USD BILLION)

TABLE 18 COMMERCIAL: LED LIGHTING MARKET, BY TYPE, 2024–2029 (USD BILLION)

TABLE 19 COMMERCIAL: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 20 COMMERCIAL: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

6.2.2.2 Offices

6.2.2.2.1 Recessed luminaires and downlighters to help increase productivity and proactivity

6.2.2.3 Retail stores

6.2.2.3.1 Need to attract and engage potential customers and promote attributes, values, and information related to merchandise to drive market

6.2.2.4 Horticulture gardens

6.2.2.4.1 LED lighting to reduce operational costs through energy savings and greater efficiency

6.2.2.5 Other commercial applications

6.2.3 INDUSTRIAL

6.2.3.1 Controlled industrial lighting to help save expenses and conserve energy

TABLE 21 INDUSTRIAL: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 22 INDUSTRIAL: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

6.2.4 OTHER INDOOR APPLICATIONS

TABLE 23 OTHER INDOOR APPLICATIONS: LED LIGHTING MARKET, BY REGION,

2020–2023 (USD BILLION)

TABLE 24 OTHER INDOOR APPLICATIONS: LED LIGHTING MARKET, BY REGION,
2024–2029 (USD BILLION)

6.3 OUTDOOR

TABLE 25 OUTDOOR: LED LIGHTING MARKET, BY TYPE, 2020–2023 (USD
BILLION)

FIGURE 43 STREETS & ROADS SEGMENT TO ACCOUNT FOR LARGEST MARKET
DURING FORECAST PERIOD

TABLE 26 OUTDOOR: LED LIGHTING MARKET, BY TYPE, 2024–2029 (USD
BILLION)

TABLE 27 OUTDOOR: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD
BILLION)

TABLE 28 OUTDOOR: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD
BILLION)

6.3.1 STREETS & ROADS

6.3.1.1 Cost-effective and sustainable lighting to meet demand for scheduling,
occupancy, and daylight harvesting requirements

6.3.2 ARCHITECTURAL BUILDINGS

6.3.2.1 LED lighting to help create shapes and effects to enhance beauty of building
through controlled movement of lights

6.3.3 SPORTS COMPLEXES

6.3.3.1 LED lighting to offer wide beam angle and ensure optimal light coverage
throughout stadiums

6.3.4 TUNNELS

6.3.4.1 LED lighting to help save energy, reduce costs, augment safety, and reduce
accidents

6.3.5 OTHER OUTDOOR APPLICATIONS

7 LED LIGHTING MARKET, BY PRODUCT TYPE

7.1 INTRODUCTION

TABLE 29 LED LIGHTING MARKET, BY PRODUCT TYPE, 2020–2023 (USD BILLION)

FIGURE 44 LUMINAIRES SEGMENT TO GROW AT HIGHER CAGR DURING
FORECAST PERIOD

TABLE 30 LED LIGHTING MARKET, BY PRODUCT TYPE, 2024–2029 (USD BILLION)

7.2 LAMPS

TABLE 31 LAMPS: LED LIGHTING MARKET, BY TYPE, 2020–2023 (USD BILLION)

FIGURE 45 A-TYPE LAMPS SEGMENT TO ACCOUNT FOR LARGEST MARKET
DURING FORECAST PERIOD

TABLE 32 LAMPS: LED LIGHTING MARKET, BY TYPE, 2024–2029 (USD BILLION)

TABLE 33 LAMPS: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 34 LAMPS: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

7.2.1 A-TYPE

7.2.1.1 Ease of installation, availability in various wattages, and versatility to fuel demand for A-type LED lamps

7.2.2 T-TYPE

7.2.2.1 T-Type LED lamps to enhance commercial and industrial lighting with energy efficiency and extended lifespan

7.2.3 OTHER LAMP TYPES

7.3 LUMINAIRES

TABLE 35 LUMINAIRES: LED LIGHTING MARKET, BY LIGHTING TYPE, 2020–2023 (MILLION UNITS)

TABLE 36 LUMINAIRES: LED LIGHTING MARKET, BY LIGHTING TYPE, 2024–2029 (MILLION UNITS)

TABLE 37 LUMINAIRES: LED LIGHTING MARKET, BY TYPE, 2020–2023 (USD BILLION)

FIGURE 46 DECORATIVE LUMINAIRES SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 38 LUMINAIRES: LED LIGHTING MARKET, BY TYPE, 2024–2029 (USD BILLION)

TABLE 39 LUMINAIRES: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 40 LUMINAIRES: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

7.3.1 DOWNLIGHTING

7.3.1.1 Ability to consume less energy, provide instant illumination, and save energy to drive demand for downlighting

7.3.2 DECORATIVE LIGHTING

7.3.2.1 Decorative lighting to make commercial and retail spaces more appealing

7.3.3 DIRECTIONAL LIGHTING

7.3.3.1 Directional lighting to illuminate with precision and highlight architectural features

7.3.4 OTHER LUMINAIRE TYPES

8 LED LIGHTING MARKET, BY INSTALLATION

8.1 INTRODUCTION

TABLE 41 LED LIGHTING MARKET, BY INSTALLATION, 2020–2023 (USD BILLION)

FIGURE 47 NEW INSTALLED LED LIGHTS SEGMENT TO EXHIBIT HIGHER CAGR DURING FORECAST PERIOD

TABLE 42 LED LIGHTING MARKET, BY INSTALLATION, 2024–2029 (USD BILLION)
8.2 NEW INSTALLATION

8.2.1 NEWLY INSTALLED-LED LIGHTS' ADHERENCE TO LATEST REGULATIONS TO EMPHASIZE ENERGY EFFICIENCY AND SUSTAINABILITY

TABLE 43 NEW INSTALLATION: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 44 NEW INSTALLATION: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

8.3 RETROFIT

8.3.1 RETROFIT LED INSTALLATIONS TO BECOME COST-EFFECTIVE AND SUSTAINABLE SOLUTIONS

TABLE 45 RETROFIT INSTALLATION: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 46 RETROFIT INSTALLATION: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

9 LUMENS IN LED LIGHTING

9.1 INTRODUCTION

9.2 1,600 LUMENS

9.3 1,100 LUMENS

9.4 800 LUMENS

9.5 450 LUMENS

TABLE 47 LUMENS AND WATTAGE COMPARISON TABLE

9.6 ADDITIONAL LED CLASSES

9.6.1 LOW-POWER LED

9.6.2 HIGH-POWER LED

TABLE 48 LED LIGHT MEASUREMENT ATTRIBUTES

10 LED LIGHTING MARKET, BY SALES CHANNEL

10.1 INTRODUCTION

TABLE 49 LED LIGHTING MARKET, BY SALES CHANNEL, 2020–2023 (USD BILLION)

FIGURE 48 ECOMMERCE SEGMENT TO LEAD LED LIGHTING MARKET WITH HIGHEST CAGR DURING FORECAST PERIOD

TABLE 50 LED LIGHTING MARKET, BY SALES CHANNEL, 2024–2029 (USD

BILLION)

10.2 RETAIL/WHOLESALE

10.2.1 RISING CONCERN ABOUT AFTER-SALES SERVICE TO BOOST DEMAND FOR RETAILERS/WHOLESALERS

TABLE 51 RETAIL/WHOLESALE: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 52 RETAIL/WHOLESALE: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

10.3 DIRECT SALES/CONTRACT-BASED

10.3.1 NEED TO FULFIL CUSTOMERS' SPECIFIC NEEDS AND PROVIDE TAILORED SOLUTIONS AND COST EFFICIENCY TO DRIVE MARKET

TABLE 53 DIRECT SALES/CONTRACT-BASED: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 54 DIRECT SALES/CONTRACT-BASED: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

10.4 ECOMMERCE

10.4.1 NEED FOR ECOMMERCE PLATFORMS FOR SEAMLESSLY DELIVERING LED LIGHTING SOLUTIONS AT CONSUMERS' DOORSTEPS

TABLE 55 ECOMMERCE: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 56 ECOMMERCE: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

11 LED LIGHTING MARKET, BY REGION

11.1 INTRODUCTION

FIGURE 49 LED LIGHTING MARKET: BY REGION

FIGURE 50 INDIA TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 57 LED LIGHTING MARKET, BY REGION, 2020–2023 (USD BILLION)

TABLE 58 LED LIGHTING MARKET, BY REGION, 2024–2029 (USD BILLION)

11.2 AMERICAS

FIGURE 51 AMERICAS: SNAPSHOT OF LED LIGHTING MARKET

11.2.1 AMERICAS: RECESSION IMPACT

TABLE 59 AMERICAS: LED LIGHTING MARKET, BY PRODUCT TYPE, 2020–2023 (USD BILLION)

TABLE 60 AMERICAS: LED LIGHTING MARKET, BY PRODUCT TYPE, 2024–2029 (USD BILLION)

TABLE 61 AMERICAS: LED LIGHTING MARKET, BY SALES CHANNEL, 2020–2023 (USD BILLION)

TABLE 62 AMERICAS: LED LIGHTING MARKET, BY SALES CHANNEL, 2024–2029
(USD BILLION)

TABLE 63 AMERICAS: LED LIGHTING MARKET, BY APPLICATION, 2020–2023
(USD BILLION)

TABLE 64 AMERICAS: LED LIGHTING MARKET, BY APPLICATION, 2024–2029
(USD BILLION)

TABLE 65 AMERICAS: LED LIGHTING MARKET, BY INSTALLATION, 2020–2023
(USD BILLION)

TABLE 66 AMERICAS: LED LIGHTING MARKET, BY INSTALLATION, 2024–2029
(USD BILLION)

TABLE 67 AMERICAS: LED LIGHTING MARKET, BY REGION, 2020–2023 (USD
BILLION)

TABLE 68 AMERICAS: LED LIGHTING MARKET, BY REGION, 2024–2029 (USD
BILLION)

11.2.2 NORTH AMERICA

TABLE 69 NORTH AMERICA: LED LIGHTING MARKET, BY PRODUCT TYPE,
2020–2023 (USD BILLION)

TABLE 70 NORTH AMERICA: LED LIGHTING MARKET, BY PRODUCT TYPE,
2024–2029 (USD BILLION)

TABLE 71 NORTH AMERICA: LED LIGHTING MARKET, BY SALES CHANNEL,
2020–2023 (USD BILLION)

TABLE 72 NORTH AMERICA: LED LIGHTING MARKET, BY SALES CHANNEL,
2024–2029 (USD BILLION)

TABLE 73 NORTH AMERICA: LED LIGHTING MARKET, BY APPLICATION,
2020–2023 (USD BILLION)

TABLE 74 NORTH AMERICA: LED LIGHTING MARKET, BY APPLICATION,
2024–2029 (USD BILLION)

TABLE 75 NORTH AMERICA: LED LIGHTING MARKET, BY INSTALLATION,
2020–2023 (USD BILLION)

TABLE 76 NORTH AMERICA: LED LIGHTING MARKET, BY INSTALLATION,
2024–2029 (USD BILLION)

TABLE 77 NORTH AMERICA: LED LIGHTING MARKET, BY COUNTRY, 2020–2023
(USD BILLION)

TABLE 78 NORTH AMERICA: LED LIGHTING MARKET, BY COUNTRY, 2024–2029
(USD BILLION)

11.2.2.1 US

11.2.2.1.1 Economic stability and high investments in advanced LED technologies
to accelerate adoption of LED lighting

11.2.2.2 Canada

11.2.2.2.1 Increasing awareness among consumers regarding benefits of energy-efficient systems to propel market

11.2.2.3 Mexico

11.2.2.3.1 Increase in adoption of automation solutions across diverse industries to boost market

11.2.3 SOUTH AMERICA

TABLE 79 SOUTH AMERICA: LED LIGHTING MARKET, BY PRODUCT TYPE, 2020–2023 (USD BILLION)

TABLE 80 SOUTH AMERICA: LED LIGHTING MARKET, BY PRODUCT TYPE, 2024–2029 (USD BILLION)

TABLE 81 SOUTH AMERICA: LED LIGHTING MARKET, BY SALES CHANNEL, 2020–2023 (USD BILLION)

TABLE 82 SOUTH AMERICA: LED LIGHTING MARKET, BY SALES CHANNEL, 2024–2029 (USD BILLION)

TABLE 83 SOUTH AMERICA: LED LIGHTING MARKET, BY APPLICATION, 2020–2023 (USD BILLION)

TABLE 84 SOUTH AMERICA: LED LIGHTING MARKET, BY APPLICATION, 2024–2029 (USD BILLION)

TABLE 85 SOUTH AMERICA: LED LIGHTING MARKET, BY INSTALLATION, 2020–2023 (USD BILLION)

TABLE 86 SOUTH AMERICA: LED LIGHTING MARKET, BY INSTALLATION, 2024–2029 (USD BILLION)

TABLE 87 SOUTH AMERICA: LED LIGHTING MARKET, BY COUNTRY, 2020–2023 (USD BILLION)

TABLE 88 SOUTH AMERICA: LED LIGHTING MARKET, BY COUNTRY, 2024–2029 (USD BILLION)

11.2.3.1 Brazil

11.2.3.1.1 High demand for energy-efficient solutions and robust presence of airports to drive market

11.2.3.2 Argentina

11.2.3.2.1 Government's energy conservation initiatives to drive market

11.2.3.3 Rest of South America

11.3 EUROPE

FIGURE 52 EUROPE: SNAPSHOT OF LED LIGHTING MARKET

11.3.1 EUROPE: RECESSION IMPACT

TABLE 89 EUROPE: LED LIGHTING MARKET, BY PRODUCT TYPE, 2020–2023 (USD BILLION)

TABLE 90 EUROPE: LED LIGHTING MARKET, BY PRODUCT TYPE, 2024–2029 (USD BILLION)

TABLE 91 EUROPE: LED LIGHTING MARKET, BY SALES CHANNEL, 2020–2023
(USD BILLION)

TABLE 92 EUROPE: LED LIGHTING MARKET, BY SALES CHANNEL, 2024–2029
(USD BILLION)

TABLE 93 EUROPE: LED LIGHTING MARKET, BY APPLICATION, 2020–2023 (USD
BILLION)

TABLE 94 EUROPE: LED LIGHTING MARKET, BY APPLICATION, 2024–2029 (USD
BILLION)

TABLE 95 EUROPE: LED LIGHTING MARKET, BY INSTALLATION, 2020–2023 (USD
BILLION)

TABLE 96 EUROPE: LED LIGHTING MARKET, BY INSTALLATION, 2024–2029 (USD
BILLION)

TABLE 97 EUROPE: LED LIGHTING MARKET, BY COUNTRY, 2020–2023 (USD
BILLION)

TABLE 98 EUROPE: LED LIGHTING MARKET, BY COUNTRY, 2024–2029 (USD
BILLION)

11.3.2 UK

11.3.2.1 Rising environmental consciousness and legislation related to energy
efficiency to propel market

11.3.3 GERMANY

11.3.3.1 Growing prevalence of smart homes and robust economy to create growth
opportunities

11.3.4 FRANCE

11.3.4.1 Increasing investments in infrastructure sector to create growth opportunities
for LED lighting providers

11.3.5 ITALY

11.3.5.1 Government initiatives promoting improved design and management of
lighting systems to drive market

11.3.6 SPAIN

11.3.6.1 Government's focus on reducing greenhouse emissions to fuel market
growth

11.3.7 REST OF EUROPE

11.4 ASIA PACIFIC

FIGURE 53 ASIA PACIFIC: SNAPSHOT OF LED LIGHTING MARKET

11.4.1 ASIA PACIFIC: RECESSION IMPACT

TABLE 99 ASIA PACIFIC: LED LIGHTING MARKET, BY PRODUCT TYPE, 2020–2023
(USD BILLION)

TABLE 100 ASIA PACIFIC: LED LIGHTING MARKET, BY PRODUCT TYPE,
2024–2029 (USD BILLION)

TABLE 101 ASIA PACIFIC: LED LIGHTING MARKET, BY SALES CHANNEL, 2020–2023 (USD BILLION)

TABLE 102 ASIA PACIFIC: LED LIGHTING MARKET, BY SALES CHANNEL, 2024–2029 (USD BILLION)

TABLE 103 ASIA PACIFIC: LED LIGHTING MARKET, BY APPLICATION, 2020–2023 (USD BILLION)

TABLE 104 ASIA PACIFIC: LED LIGHTING MARKET, BY APPLICATION, 2024–2029 (USD BILLION)

TABLE 105 ASIA PACIFIC: LED LIGHTING MARKET, BY INSTALLATION, 2020–2023 (USD BILLION)

TABLE 106 ASIA PACIFIC: LED LIGHTING MARKET, BY INSTALLATION, 2024–2029 (USD BILLION)

TABLE 107 ASIA PACIFIC: LED LIGHTING MARKET, BY COUNTRY, 2020–2023 (USD BILLION)

TABLE 108 ASIA PACIFIC: LED LIGHTING MARKET, BY COUNTRY, 2024–2029 (USD BILLION)

11.4.2 CHINA

11.4.2.1 Growing economy and increasing implementation of sensors in industrial applications to propel market

11.4.3 JAPAN

11.4.3.1 Infrastructural developments to accelerate market growth

11.4.4 INDIA

11.4.4.1 Government-run smart city projects to boost demand for LED lighting and control solutions

11.4.5 AUSTRALIA

11.4.5.1 High penetration rate of LED lighting systems in major cities to foster market growth

11.4.6 SOUTH KOREA

11.4.6.1 Presence of major LED lighting manufacturers to support market growth

11.4.7 REST OF ASIA PACIFIC

11.5 REST OF THE WORLD (ROW)

11.5.1 ROW: RECESSION IMPACT

TABLE 109 ROW: LED LIGHTING MARKET, BY PRODUCT TYPE, 2020–2023 (USD BILLION)

TABLE 110 ROW: LED LIGHTING MARKET, BY PRODUCT TYPE, 2024–2029 (USD BILLION)

TABLE 111 ROW: LED LIGHTING MARKET, BY SALES CHANNEL, 2020–2023 (USD BILLION)

TABLE 112 ROW: LED LIGHTING MARKET, BY SALES CHANNEL, 2024–2029 (USD BILLION)

BILLION)

TABLE 113 ROW: LED LIGHTING MARKET, BY APPLICATION, 2020–2023 (USD BILLION)

TABLE 114 ROW: LED LIGHTING MARKET, BY APPLICATION, 2024–2029 (USD BILLION)

TABLE 115 ROW: LED LIGHTING MARKET, BY INSTALLATION, 2020–2023 (USD BILLION)

TABLE 116 ROW: LED LIGHTING MARKET, BY INSTALLATION, 2024–2029 (USD BILLION)

TABLE 117 ROW: LED LIGHTING MARKET, BY SUBREGION, 2020–2023 (USD BILLION)

TABLE 118 ROW: LED LIGHTING MARKET, BY SUBREGION, 2024–2029 (USD BILLION)

11.5.2 MIDDLE EAST

11.5.2.1 Eco-friendly green building regulations and streetlight retrofitting programs to spur market growth

11.5.2.2 GCC Countries

11.5.2.3 Rest of Middle East

TABLE 119 MIDDLE EAST: LED LIGHTING MARKET, BY SUBREGION, 2020–2023 (USD BILLION)

TABLE 120 MIDDLE EAST: LED LIGHTING MARKET, BY SUBREGION, 2024–2029 (USD BILLION)

11.5.3 AFRICA

11.5.3.1 Ongoing urbanization to significantly boost demand for LED lighting solutions

12 COMPETITIVE LANDSCAPE

12.1 INTRODUCTION

12.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

TABLE 121 OVERVIEW OF STRATEGIES DEPLOYED BY KEY PLAYERS IN LED LIGHTING MARKET

12.2.1 PRODUCT PORTFOLIO

12.2.2 REGIONAL FOCUS

12.2.3 MANUFACTURING FOOTPRINT

12.2.4 ORGANIC/INORGANIC GROWTH STRATEGIES

12.3 MARKET SHARE ANALYSIS

TABLE 122 LED LIGHTING MARKET: DEGREE OF COMPETITION (FRAGMENTED)

12.4 REVENUE ANALYSIS OF KEY PLAYERS

FIGURE 54 REVENUE ANALYSIS OF KEY PLAYERS IN LED LIGHTING MARKET, 2018–2022

12.5 COMPANY VALUATION AND FINANCIAL METRICS

FIGURE 55 COMPANY VALUATION, 2022 (USD BILLION)

FIGURE 56 FINANCIAL METRICS (EV/EBITDA), 2022

12.6 BRAND/PRODUCT COMPARISON

FIGURE 57 BRAND/PRODUCT COMPARISON

12.7 COMPANY EVALUATION MATRIX FOR KEY PLAYERS

12.7.1 STARS

12.7.2 PERVASIVE PLAYERS

12.7.3 EMERGING LEADERS

12.7.4 PARTICIPANTS

FIGURE 58 LED LIGHTING MARKET: COMPANY EVALUATION MATRIX FOR KEY PLAYERS, 2023

12.7.5 COMPANY FOOTPRINT

TABLE 123 OVERALL COMPANY FOOTPRINT

TABLE 124 COMPANY PRODUCT TYPE FOOTPRINT

TABLE 125 COMPANY APPLICATION FOOTPRINT

TABLE 126 COMPANY REGIONAL FOOTPRINT

12.8 COMPANY EVALUATION MATRIX FOR START-UPS/SMES

12.8.1 PROGRESSIVE COMPANIES

12.8.2 RESPONSIVE COMPANIES

12.8.3 DYNAMIC COMPANIES

12.8.4 STARTING BLOCKS

FIGURE 59 LED LIGHTING MARKET: COMPANY EVALUATION MATRIX FOR START-UPS/SMES, 2023

12.8.5 COMPETITIVE BENCHMARKING

TABLE 127 LIST OF START-UPS/SMES

TABLE 128 COMPETITIVE BENCHMARKING OF OTHER PLAYERS (START-UPS/SMES)

TABLE 129 KEY START-UPS IN LED LIGHTING MARKET

12.9 COMPETITIVE SCENARIO AND TRENDS

12.9.1 PRODUCT LAUNCHES & DEVELOPMENTS

TABLE 130 LED LIGHTING MARKET: PRODUCT LAUNCHES & DEVELOPMENTS, MARCH 2020–DECEMBER 2023

12.9.2 DEALS

TABLE 131 LED LIGHTING MARKET: DEALS, OCTOBER 2020–SEPTEMBER 2023

12.9.3 OTHERS

TABLE 132 LED LIGHTING MARKET: OTHERS, FEBRUARY 2020–AUGUST 2023

13 COMPANY PROFILES

(Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*

13.1 KEY PLAYERS

13.1.1 SIGNIFY HOLDING

TABLE 133 SIGNIFY HOLDING: BUSINESS OVERVIEW

FIGURE 60 SIGNIFY HOLDING: COMPANY SNAPSHOT

TABLE 134 SIGNIFY HOLDING: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 135 SIGNIFY HOLDING: PRODUCT LAUNCHES

TABLE 136 SIGNIFY HOLDING: DEALS

TABLE 137 SIGNIFY HOLDING: OTHERS

13.1.2 ACUITY BRANDS, INC.

TABLE 138 ACUITY BRANDS, INC.: BUSINESS OVERVIEW

FIGURE 61 ACUITY BRANDS, INC.: COMPANY SNAPSHOT

TABLE 139 ACUITY BRANDS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 140 ACUITY BRANDS, INC.: PRODUCT LAUNCHES

TABLE 141 ACUITY BRANDS, INC.: DEALS

13.1.3 PANASONIC HOLDINGS CORPORATION

TABLE 142 PANASONIC HOLDINGS CORPORATION: BUSINESS OVERVIEW

FIGURE 62 PANASONIC HOLDINGS CORPORATION: COMPANY SNAPSHOT

TABLE 143 PANASONIC HOLDINGS CORPORATION:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 144 PANASONIC HOLDINGS CORPORATION: PRODUCT LAUNCHES

TABLE 145 PANASONIC HOLDINGS CORPORATION: DEALS

TABLE 146 PANASONIC HOLDINGS CORPORATION: OTHERS

13.1.4 AMS-OSRAM AG

TABLE 147 AMS-OSRAM AG: BUSINESS OVERVIEW

FIGURE 63 AMS-OSRAM AG: COMPANY SNAPSHOT

TABLE 148 AMS-OSRAM AG: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 149 AMS-OSRAM AG: PRODUCT LAUNCHES

TABLE 150 AMS-OSRAM AG: DEALS

13.1.5 LG ELECTRONICS

TABLE 151 LG ELECTRONICS: BUSINESS OVERVIEW

FIGURE 64 LG ELECTRONICS: COMPANY SNAPSHOT

TABLE 152 LG ELECTRONICS: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 153 LG ELECTRONICS: PRODUCT LAUNCHES

TABLE 154 LG ELECTRONICS: DEALS

13.1.6 CREE LIGHTING USA LLC

TABLE 155 CREE LIGHTING USA LLC: BUSINESS OVERVIEW

TABLE 156 CREE LIGHTING USA LLC: PRODUCTS/SERVICES/SOLUTIONS
OFFERED

TABLE 157 CREE LIGHTING USA LLC: PRODUCT LAUNCHES

TABLE 158 CREE LIGHTING USA LLC: DEALS

13.1.7 DIALIGHT

TABLE 159 DIALIGHT: BUSINESS OVERVIEW

FIGURE 65 DIALIGHT: COMPANY SNAPSHOT

TABLE 160 DIALIGHT: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 161 DIALIGHT: PRODUCT LAUNCHES

13.1.8 HUBBELL (PART OF GE CURRENT)

TABLE 162 HUBBELL: BUSINESS OVERVIEW

FIGURE 66 HUBBELL: COMPANY SNAPSHOT

TABLE 163 HUBBELL: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 164 HUBBELL: DEALS

13.1.9 ZUMTOBEL GROUP

TABLE 165 ZUMTOBEL GROUP: BUSINESS OVERVIEW

FIGURE 67 ZUMTOBEL GROUP: COMPANY SNAPSHOT

TABLE 166 ZUMTOBEL GROUP: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 167 ZUMTOBEL GROUP: PRODUCT LAUNCHES

13.1.10 SAVANT SYSTEMS, INC.

TABLE 168 SAVANT SYSTEMS, INC.: BUSINESS OVERVIEW

TABLE 169 SAVANT SYSTEMS, INC.: PRODUCTS/SOLUTIONS/SERVICES
OFFERED

TABLE 170 SAVANT SYSTEMS, INC.: PRODUCT LAUNCHES

TABLE 171 SAVANT SYSTEMS, INC.: DEALS

13.2 OTHER COMPANIES

13.2.1 CURRENT LIGHTING SOLUTIONS, LLC

13.2.2 SAMSUNG

13.2.3 SHARP CORPORATION

13.2.4 SITECO GMBH (GE)

13.2.5 HAVELLS INDIA LTD.

13.2.6 TRILUX GMBH & CO. KG

13.2.7 FAGERHULTS BELYSNING AB

13.2.8 SYSKA

13.2.9 GOGREENLED

13.2.10 FOREST LIGHTING

13.2.11 EVERLIGHT ELECTRONICS CO., LTD.

13.2.12 WIPRO LIGHTING

13.2.13 OPPLE LIGHTING CO., LTD.

13.2.14 NVC LIGHTING LTD. (SUBSIDIARY OF NVC INTERNATIONAL HOLDINGS)

13.2.15 SORAA

*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

14 APPENDIX

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

14.3 CUSTOMIZATION OPTIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

About

According to a new market research report "LED Lighting Market by Installation Type (New Installation and Retrofit Installation), End-Use Application (Indoor Lighting and Outdoor Lighting), Product Type (Lamps and Luminaires), and Geography - Global Forecast to 2022", the total LED lighting market, in terms of value, is expected to be valued at USD 92.40 Billion by 2022, growing at a CAGR of 13.66%; in terms of volume, the market size is expected to reach 14.01 Billion units by 2022, at a CAGR of 21.23% during the forecast period. The growing consumer demand for energy-efficient lighting system is expected to be the major factor driving the market.

The key players in this market are:

Phillips Lighting Holding B.V.

(Netherlands),

General Electric Company (U.S.),

OSRAM Licht AG (Germany),

Cree, Inc. (U.S.), and

Cooper Industries, Inc. (Ireland).

Residential indoor lighting application expected to dominate the LED lighting market in terms of value

Increase in infrastructure-building activities, a large chunk of which is the residential sector, is the major factor contributing to the high growth of the residential indoor lighting end-use application.

Lamps segment expected to be the dominant during the forecast period

The lamps subsegment is expected to be the dominant market as it is the major light source and main component of an LED lighting system. Increasing consumer awareness about conserving energy and installing light systems with high energy

efficiency is expected to boost the LED lighting market for lamps.

LED lighting market in APAC expected to grow at the highest rate during the forecast period

The market in APAC is expected to grow at the highest rate between 2016 and 2022. The high growth rate can be attributed to the rapid infrastructure-building activities being undertaken in the APAC region.

I would like to order

Product name: LED Lighting Market by Product (Lamps, Luminaire), Application (Indoor, Outdoor), Installation (New, Retrofit), Sales Channel (Direct, retail, E-commerce) and Region (North America, Europe, APAC, Rest of the World) - Global Forecast to 2029

Product link: <https://marketpublishers.com/r/L149A6D8C67EN.html>

Price: US\$ 4,950.00 (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 <https://marketpublishers.com/r/L149A6D8C67EN.html>

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**

Customer signature _____

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

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