

Smart Lighting Market Forecasts to 2034 – Analysis By Product Type (Smart Bulbs, Smart Luminaires, Smart Fixtures, Smart Strip Lights, and Other Smart Lighting Products), Connectivity Technology, Installation Type, Application, and By Geography

<https://marketpublishers.com/r/SD859FB47BB0EN.html>

Date: September 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: SD859FB47BB0EN

Abstracts

According to Statistics MRC, the Global Smart Lighting Market is accounted for \$11.0 billion in 2026 and is expected to reach \$26.1 billion by 2034 growing at a CAGR of 11.4% during the forecast period. Smart lighting refers to lighting systems that incorporate sensors, connectivity, and intelligent controls to enable energy optimization, convenience, and enhanced user experiences. The market encompasses smart bulbs, smart luminaires, smart fixtures, and smart strip lights utilizing Wi-Fi, Bluetooth, Zigbee, Z-Wave, Thread, and other connectivity technologies. The market serves residential, commercial, industrial, architectural, and street and public lighting applications. Growing demand for energy efficiency, increasing adoption of IoT and smart home technology, and rising focus on sustainability are key drivers of market expansion.

Market Dynamics:

Driver:

Growing demand for energy efficiency and sustainability

The increasing global focus on energy efficiency and sustainability is a primary driver for the smart lighting market. Smart lighting systems enable energy savings through automated controls, occupancy sensing, daylight harvesting, and scheduling. Government regulations promoting energy efficiency and phasing out inefficient lighting technologies are accelerating adoption. Corporate sustainability commitments and green building certifications are driving commercial adoption. As energy costs rise and

environmental concerns intensify, demand for energy-efficient smart lighting solutions expands across residential and commercial applications, supporting sustained market growth.

Restraint:

High initial installation costs and complexity

The significant upfront cost of smart lighting systems and the complexity of installation and integration represent a major restraint for the market. Smart bulbs and fixtures are more expensive than conventional lighting. Integration with existing building systems may require professional installation. Compatibility issues across different ecosystems and protocols can create complexity. Consumers may find smart lighting features difficult to configure. Retrofit installations in older buildings may present challenges. These cost and complexity factors may limit adoption, particularly among cost-sensitive consumers.

Opportunity:

Integration with building automation and smart city infrastructure

The growing integration of smart lighting with building automation systems and smart city infrastructure presents significant opportunities for market expansion. Connected lighting enables integration with HVAC, security, and other building systems for optimized operations. Smart street lighting supports traffic management, environmental monitoring, and public safety applications. Data from connected lighting systems enables predictive maintenance and operational insights. As IoT adoption grows and smart city initiatives expand, integrated smart lighting solutions capture growing market share, enabling enhanced functionality and efficiency.

Threat:

Competition from conventional and retro-fit lighting

Competition from conventional lighting products and simple retrofit LED solutions at lower cost poses significant threats to smart lighting market growth. Many consumers may choose cost-effective LED bulbs without smart features. Existing lighting infrastructure may be adequate without smart controls. The price premium for smart features may not be justified for all consumers. This competition may limit adoption, particularly in price-sensitive segments where energy savings alone drive lighting choices.

Covid-19 Impact:

The COVID-19 pandemic had a mixed impact on the smart lighting market. Commercial

building projects were delayed during lockdowns, affecting smart lighting system sales. However, the pandemic accelerated home improvement spending, including smart lighting. Demand for smart home lighting increased as consumers spent more time at home. Work-from-home trends increased interest in home lighting automation. Post-pandemic, commercial building recovery has supported market growth, with continued focus on energy efficiency and building automation.

The Smart Bulbs segment is expected to be the largest during the forecast period

The Smart Bulbs segment is expected to account for the largest market share during the forecast period, driven by their accessibility, affordability, and easy installation for consumers entering the smart lighting market. Smart bulbs offer the simplest entry point into smart lighting, requiring no rewiring or professional installation. The segment benefits from broad distribution across retail channels and growing consumer awareness. Price declines and feature improvements are expanding adoption. As the most accessible smart lighting product, smart bulbs maintain the largest product segment share throughout the forecast period.

The Wi-Fi segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the Wi-Fi segment is predicted to witness the highest growth rate, fueled by the widespread availability of Wi-Fi networks in homes and commercial buildings, eliminating the need for additional hubs and simplifying setup. Wi-Fi connectivity enables direct smartphone control without bridge devices. The segment benefits from consumer familiarity and compatibility with existing infrastructure. Expanding Wi-Fi coverage and increasing smart home device integration support adoption. As connectivity demands grow, Wi-Fi delivers the fastest connectivity segment growth.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, supported by high adoption of smart home technology, strong consumer spending, and established retail and e-commerce channels. The United States leads regional growth with substantial consumer investment in smart lighting products. High awareness of smart lighting benefits and energy efficiency drives adoption. Well-established smart home ecosystem and technology infrastructure support market growth. With early adoption and market maturity, North America maintains its dominant market position.

Region with highest CAGR:

Over the forecast period, the Asia-Pacific region is anticipated to exhibit the highest CAGR, driven by rapid urbanization, increasing disposable incomes, and growing adoption of smart home technology across China, India, and Southeast Asia. The region's large and growing urban population creates substantial demand for smart

lighting. Rising middle-class consumers are investing in home automation. Government initiatives promoting energy efficiency and LED adoption are accelerating. As urbanization and technology adoption continue expanding, Asia Pacific delivers the fastest smart lighting market growth globally.

Key players in the market

Some of the key players in Smart Lighting Market include Signify N.V., Acuity Brands, Inc., ams-OSRAM AG, Legrand S.A., Eaton Corporation plc, Hubbell Incorporated, Panasonic Holdings Corporation, Samsung Electronics Co., Ltd., Lutron Electronics Co., Inc., Leviton Manufacturing Co., Inc., Zumtobel Group AG, Current Lighting Solutions, LLC, GE Lighting, Cree Lighting, Savant Systems, Inc., and WiZ Connected.

Key Developments:

In August 2026, Acuity Brands Lighting was recognized with three tED Magazine Best of the Best Marketing Awards for the launch of its SensorSwitch™ AIR wireless commercial lighting control system.

In June 2026, Signify announced a partnership with Silicon Labs to implement concurrent multiprotocol (CMP) connectivity across Philips Hue smart bulbs, enabling simultaneous Zigbee and Matter-over-Thread operation without manual protocol switching.

In March 2026, ams OSRAM showcased its digital photonics and optical force-sensing technologies at Light + Building 2026, framing connected lighting as a sensory building network capable of real-time occupant data tracking.

In March 2026, Eaton rolled out Brightlayer Energy, an AI-driven energy and lighting optimization system designed to coordinate intelligent building loads and track automated emissions.

Product Types Covered:

Smart Bulbs

Smart Luminaires

Smart Fixtures

Smart Strip Lights

Other Smart Lighting Products

Connectivity Technologies Covered:

Wi-Fi

Bluetooth

Zigbee

Z-Wave

Thread

Other Connectivity Technologies

Installation Types Covered:

New Installations

Retrofit Installations

Applications Covered:

Residential

Commercial

Industrial

Architectural

Street and Public Lighting

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot and Key Highlights
- 1.2 Growth Drivers, Challenges, and Opportunities
- 1.3 Competitive Landscape Overview
- 1.4 Strategic Insights and Recommendations

2 RESEARCH FRAMEWORK

- 2.1 Study Objectives and Scope
- 2.2 Stakeholder Analysis
- 2.3 Research Assumptions and Limitations
- 2.4 Research Methodology
 - 2.4.1 Data Collection (Primary and Secondary)
 - 2.4.2 Data Modeling and Estimation Techniques
 - 2.4.3 Data Validation and Triangulation
 - 2.4.4 Analytical and Forecasting Approach

3 MARKET DYNAMICS AND TREND ANALYSIS

- 3.1 Market Definition and Structure
- 3.2 Key Market Drivers
- 3.3 Market Restraints and Challenges
- 3.4 Growth Opportunities and Investment Hotspots
- 3.5 Industry Threats and Risk Assessment
- 3.6 Technology and Innovation Landscape
- 3.7 Emerging and High-Growth Markets
- 3.8 Regulatory and Policy Environment
- 3.9 Impact of COVID-19 and Recovery Outlook

4 COMPETITIVE AND STRATEGIC ASSESSMENT

- 4.1 Porter's Five Forces Analysis
 - 4.1.1 Supplier Bargaining Power
 - 4.1.2 Buyer Bargaining Power
 - 4.1.3 Threat of Substitutes
 - 4.1.4 Threat of New Entrants

- 4.1.5 Competitive Rivalry
- 4.2 Market Share Analysis of Key Players
- 4.3 Product Benchmarking and Performance Comparison

5 GLOBAL SMART LIGHTING MARKET, BY PRODUCT TYPE

- 5.1 Smart Bulbs
- 5.2 Smart Luminaires
- 5.3 Smart Fixtures
- 5.4 Smart Strip Lights
- 5.5 Other Smart Lighting Products

6 GLOBAL SMART LIGHTING MARKET, BY CONNECTIVITY TECHNOLOGY

- 6.1 Wi-Fi
- 6.2 Bluetooth
- 6.3 Zigbee
- 6.4 Z-Wave
- 6.5 Thread
- 6.6 Other Connectivity Technologies

7 GLOBAL SMART LIGHTING MARKET, BY INSTALLATION TYPE

- 7.1 New Installations
- 7.2 Retrofit Installations

8 GLOBAL SMART LIGHTING MARKET, BY APPLICATION

- 8.1 Residential
- 8.2 Commercial
- 8.3 Industrial
- 8.4 Architectural
- 8.5 Street and Public Lighting

9 GLOBAL SMART LIGHTING MARKET, BY GEOGRAPHY

- 9.1 North America
 - 9.1.1 United States
 - 9.1.2 Canada

- 9.1.3 Mexico
- 9.2 Europe
 - 9.2.1 United Kingdom
 - 9.2.2 Germany
 - 9.2.3 France
 - 9.2.4 Italy
 - 9.2.5 Spain
 - 9.2.6 Netherlands
 - 9.2.7 Belgium
 - 9.2.8 Sweden
 - 9.2.9 Switzerland
 - 9.2.10 Poland
 - 9.2.11 Rest of Europe
- 9.3 Asia Pacific
 - 9.3.1 China
 - 9.3.2 Japan
 - 9.3.3 India
 - 9.3.4 South Korea
 - 9.3.5 Australia
 - 9.3.6 Indonesia
 - 9.3.7 Thailand
 - 9.3.8 Malaysia
 - 9.3.9 Singapore
 - 9.3.10 Vietnam
 - 9.3.11 Rest of Asia Pacific
- 9.4 South America
 - 9.4.1 Brazil
 - 9.4.2 Argentina
 - 9.4.3 Colombia
 - 9.4.4 Chile
 - 9.4.5 Peru
 - 9.4.6 Rest of South America
- 9.5 Rest of the World (RoW)
 - 9.5.1 Middle East
 - 9.5.1.1 Saudi Arabia
 - 9.5.1.2 United Arab Emirates
 - 9.5.1.3 Qatar
 - 9.5.1.4 Israel
 - 9.5.1.5 Rest of Middle East

9.5.2 Africa

9.5.2.1 South Africa

9.5.2.2 Egypt

9.5.2.3 Morocco

9.5.2.4 Rest of Africa

10 STRATEGIC MARKET INTELLIGENCE

10.1 Industry Value Network and Supply Chain Assessment

10.2 White-Space and Opportunity Mapping

10.3 Product Evolution and Market Life Cycle Analysis

10.4 Channel, Distributor, and Go-to-Market Assessment

11 INDUSTRY DEVELOPMENTS AND STRATEGIC INITIATIVES

11.1 Mergers and Acquisitions

11.2 Partnerships, Alliances, and Joint Ventures

11.3 New Product Launches and Certifications

11.4 Capacity Expansion and Investments

11.5 Other Strategic Initiatives

12 COMPANY PROFILES

12.1 Signify N.V.

12.2 Acuity Brands, Inc.

12.3 ams-OSRAM AG

12.4 Legrand S.A.

12.5 Eaton Corporation plc

12.6 Hubbell Incorporated

12.7 Panasonic Holdings Corporation

12.8 Samsung Electronics Co., Ltd.

12.9 Lutron Electronics Co., Inc.

12.10 Leviton Manufacturing Co., Inc.

12.11 Zumtobel Group AG

12.12 Current Lighting Solutions, LLC

12.13 GE Lighting

12.14 Cree Lighting

12.15 Savant Systems, Inc.

12.16 WiZ Connected

List Of Tables

LIST OF TABLES

Table 1 Global Smart Lighting Market Outlook, By Region (2023–2034) (\$MN)

Table 2 Global Smart Lighting Market Outlook, By Product Type (2023–2034) (\$MN)

Table 3 Global Smart Lighting Market Outlook, By Smart Bulbs (2023–2034) (\$MN)

Table 4 Global Smart Lighting Market Outlook, By Smart Luminaires (2023–2034) (\$MN)

Table 5 Global Smart Lighting Market Outlook, By Smart Fixtures (2023–2034) (\$MN)

Table 6 Global Smart Lighting Market Outlook, By Smart Strip Lights (2023–2034) (\$MN)

Table 7 Global Smart Lighting Market Outlook, By Other Smart Lighting Products (2023–2034) (\$MN)

Table 8 Global Smart Lighting Market Outlook, By Connectivity Technology (2023–2034) (\$MN)

Table 9 Global Smart Lighting Market Outlook, By Wi-Fi (2023–2034) (\$MN)

Table 10 Global Smart Lighting Market Outlook, By Bluetooth (2023–2034) (\$MN)

Table 11 Global Smart Lighting Market Outlook, By Zigbee (2023–2034) (\$MN)

Table 12 Global Smart Lighting Market Outlook, By Z-Wave (2023–2034) (\$MN)

Table 13 Global Smart Lighting Market Outlook, By Thread (2023–2034) (\$MN)

Table 14 Global Smart Lighting Market Outlook, By Other Connectivity Technologies (2023–2034) (\$MN)

Table 15 Global Smart Lighting Market Outlook, By Installation Type (2023–2034) (\$MN)

Table 16 Global Smart Lighting Market Outlook, By New Installations (2023–2034) (\$MN)

Table 17 Global Smart Lighting Market Outlook, By Retrofit Installations (2023–2034) (\$MN)

Table 18 Global Smart Lighting Market Outlook, By Application (2023–2034) (\$MN)

Table 19 Global Smart Lighting Market Outlook, By Residential (2023–2034) (\$MN)

Table 20 Global Smart Lighting Market Outlook, By Commercial (2023–2034) (\$MN)

Table 21 Global Smart Lighting Market Outlook, By Industrial (2023–2034) (\$MN)

Table 22 Global Smart Lighting Market Outlook, By Architectural (2023–2034) (\$MN)

Table 23 Global Smart Lighting Market Outlook, By Street and Public Lighting (2023–2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) Regions are also represented in the same manner as above.

I would like to order

Product name: Smart Lighting Market Forecasts to 2034 – Analysis By Product Type (Smart Bulbs, Smart Luminaires, Smart Fixtures, Smart Strip Lights, and Other Smart Lighting Products), Connectivity Technology, Installation Type, Application, and By Geography

Product link: <https://marketpublishers.com/r/SD859FB47BB0EN.html>

Price: US\$ 4,150.00 (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/SD859FB47BB0EN.html>