Connected Lighting Platform Market - Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Component (Hardware, Software and Services), By Connectivity (Wired and Wireless), By Application (Indoor and Outdoor), By Region, and By Competition, 2020-2030F

Market Report | 2025-11-27 | 186 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License $4500.00
- Multi-User License $5500.00
- Custom Research License $8000.00

Report description:

Market Overview
The Global Connected Lighting Platform Market, valued at USD 16.72 Billion in 2024, is projected to experience a CAGR of 15.00% to reach USD 38.67 Billion by 2030. The Global Connected Lighting Platform Market involves the integration of lighting fixtures with advanced communication technologies, such as the Internet of Things and various wireless protocols, to enable intelligent control, monitoring, and data analysis across interconnected systems.
Key Market Drivers
The escalating demand for energy-efficient lighting solutions critically influences the expansion of the Global Connected Lighting Platform Market. Enterprises and public entities increasingly prioritize sustainable operations and cost reduction, driving the adoption of intelligent lighting systems that offer substantial energy savings through dynamic control. These platforms enable precise light management based on occupancy, daylight, and task requirements, significantly reducing electricity consumption in buildings and infrastructure.
Key Market Challenges
The persistent concern surrounding cybersecurity vulnerabilities and interoperability complexities significantly hampers the growth of the Global Connected Lighting Platform Market. Cybersecurity vulnerabilities deter potential adopters due to risks of data breaches, system manipulation, and privacy compromises. According to the European Union Agency for Cybersecurity (ENISA) Threat Landscape 2024 report, over 19,754 vulnerabilities were identified between July 2023 and June 2024, with 9.3% rated critical and 21.8% classified as high risk. This substantial volume of identified vulnerabilities fosters a cautious approach to deploying interconnected lighting platforms, particularly in sectors demanding robust security.

Key Market Trends

The integration of AI and Machine Learning for adaptive lighting is significantly shaping the Global Connected Lighting Platform Market by enabling systems to move beyond static automation to dynamic, real-time environmental adjustments. This trend facilitates optimized energy usage through predictive patterns, offers personalized user experiences, and enhances system reliability via predictive maintenance. The DALI Alliance, for instance, continues to expand its D4i certification program, which standardizes the crucial data infrastructure required for artificial intelligence driven insights, particularly for aspects such as diagnostic reporting and asset management within luminaires.

Key Market Players

- Eaton Corporation plc
- Wolfspeed, Inc.
- Signify N.V.
- Honeywell International Inc.
- Samsung Electronics Co., Ltd.
- Legrand SA
- Schneider Electric SE
- Comarch SA
- Lutron Electronics Co. Inc.
- Leviton Manufacturing Co., Inc.

Report Scope:

In this report, the Global Connected Lighting Platform Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- Connected Lighting Platform Market, By Component:
  - Hardware
  - Software
  - Services
- Connected Lighting Platform Market, By Connectivity:
  - Wired
  - Wireless
- Connected Lighting Platform Market, By Application:
  - Indoor
  - Outdoor
- Connected Lighting Platform Market, By Region:
  - North America
    - United States
    - Canada
    - Mexico
  - Europe
    - France
    - United Kingdom
    - Italy
    - Germany
    - Spain
  - Asia Pacific
    - China
    - India
    - Japan
    - Australia

 South Korea
o South America
 Brazil
 Argentina
 Colombia
o Middle East & Africa
 South Africa
 Saudi Arabia
 UAE
Competitive Landscape
Company Profiles: Detailed analysis of the major companies presents in the Global Connected Lighting Platform Market.
Available Customizations:
Global Connected Lighting Platform Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:
Company Information
-Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Product Overview
1.1. Market Definition
1.2. Scope of the Market
1.2.1. Markets Covered
1.2.2. Years Considered for Study
1.2.3. Key Market Segmentations
2. Research Methodology
2.1. Objective of the Study
2.2. Baseline Methodology
2.3. Key Industry Partners
2.4. Major Association and Secondary Sources
2.5. Forecasting Methodology
2.6. Data Triangulation & Validation
2.7. Assumptions and Limitations
3. Executive Summary
3.1. Overview of the Market
3.2. Overview of Key Market Segmentations
3.3. Overview of Key Market Players
3.4. Overview of Key Regions/Countries
3.5. Overview of Market Drivers, Challenges, Trends
4. Voice of Customer
5. Global Connected Lighting Platform Market Outlook
5.1. Market Size & Forecast
5.1.1. By Value
5.2. Market Share & Forecast
5.2.1. By Component (Hardware, Software, Services)
5.2.2. By Connectivity (Wired, Wireless)
5.2.3. By Application (Indoor, Outdoor)

5.2.4. By Region
5.2.5. By Company (2024)
5.3. Market Map
6. North America Connected Lighting Platform Market Outlook
6.1. Market Size & Forecast
6.1.1. By Value
6.2. Market Share & Forecast
6.2.1. By Component
6.2.2. By Connectivity
6.2.3. By Application
6.2.4. By Country
6.3. North America: Country Analysis
6.3.1. United States Connected Lighting Platform Market Outlook
6.3.1.1. Market Size & Forecast
6.3.1.1.1. By Value
6.3.1.2. Market Share & Forecast
6.3.1.2.1. By Component
6.3.1.2.2. By Connectivity
6.3.1.2.3. By Application
6.3.2. Canada Connected Lighting Platform Market Outlook
6.3.2.1. Market Size & Forecast
6.3.2.1.1. By Value
6.3.2.2. Market Share & Forecast
6.3.2.2.1. By Component
6.3.2.2.2. By Connectivity
6.3.2.2.3. By Application
6.3.3. Mexico Connected Lighting Platform Market Outlook
6.3.3.1. Market Size & Forecast
6.3.3.1.1. By Value
6.3.3.2. Market Share & Forecast
6.3.3.2.1. By Component
6.3.3.2.2. By Connectivity
6.3.3.2.3. By Application
7. Europe Connected Lighting Platform Market Outlook
7.1. Market Size & Forecast
7.1.1. By Value
7.2. Market Share & Forecast
7.2.1. By Component
7.2.2. By Connectivity
7.2.3. By Application
7.2.4. By Country
7.3. Europe: Country Analysis
7.3.1. Germany Connected Lighting Platform Market Outlook
7.3.1.1. Market Size & Forecast
7.3.1.1.1. By Value
7.3.1.2. Market Share & Forecast
7.3.1.2.1. By Component

7.3.1.2.2. By Connectivity
7.3.1.2.3. By Application
7.3.2. France Connected Lighting Platform Market Outlook
7.3.2.1. Market Size & Forecast
7.3.2.1.1. By Value
7.3.2.2. Market Share & Forecast
7.3.2.2.1. By Component
7.3.2.2.2. By Connectivity
7.3.2.2.3. By Application
7.3.3. United Kingdom Connected Lighting Platform Market Outlook
7.3.3.1. Market Size & Forecast
7.3.3.1.1. By Value
7.3.3.2. Market Share & Forecast
7.3.3.2.1. By Component
7.3.3.2.2. By Connectivity
7.3.3.2.3. By Application
7.3.4. Italy Connected Lighting Platform Market Outlook
7.3.4.1. Market Size & Forecast
7.3.4.1.1. By Value
7.3.4.2. Market Share & Forecast
7.3.4.2.1. By Component
7.3.4.2.2. By Connectivity
7.3.4.2.3. By Application
7.3.5. Spain Connected Lighting Platform Market Outlook
7.3.5.1. Market Size & Forecast
7.3.5.1.1. By Value
7.3.5.2. Market Share & Forecast
7.3.5.2.1. By Component
7.3.5.2.2. By Connectivity
7.3.5.2.3. By Application
8. Asia Pacific Connected Lighting Platform Market Outlook
8.1. Market Size & Forecast
8.1.1. By Value
8.2. Market Share & Forecast
8.2.1. By Component
8.2.2. By Connectivity
8.2.3. By Application
8.2.4. By Country
8.3. Asia Pacific: Country Analysis
8.3.1. China Connected Lighting Platform Market Outlook
8.3.1.1. Market Size & Forecast
8.3.1.1.1. By Value
8.3.1.2. Market Share & Forecast
8.3.1.2.1. By Component
8.3.1.2.2. By Connectivity
8.3.1.2.3. By Application
8.3.2. India Connected Lighting Platform Market Outlook

8.3.2.1. Market Size & Forecast
8.3.2.1.1. By Value
8.3.2.2. Market Share & Forecast
8.3.2.2.1. By Component
8.3.2.2.2. By Connectivity
8.3.2.2.3. By Application
8.3.3. Japan Connected Lighting Platform Market Outlook
8.3.3.1. Market Size & Forecast
8.3.3.1.1. By Value
8.3.3.2. Market Share & Forecast
8.3.3.2.1. By Component
8.3.3.2.2. By Connectivity
8.3.3.2.3. By Application
8.3.4. South Korea Connected Lighting Platform Market Outlook
8.3.4.1. Market Size & Forecast
8.3.4.1.1. By Value
8.3.4.2. Market Share & Forecast
8.3.4.2.1. By Component
8.3.4.2.2. By Connectivity
8.3.4.2.3. By Application
8.3.5. Australia Connected Lighting Platform Market Outlook
8.3.5.1. Market Size & Forecast
8.3.5.1.1. By Value
8.3.5.2. Market Share & Forecast
8.3.5.2.1. By Component
8.3.5.2.2. By Connectivity
8.3.5.2.3. By Application
9. Middle East & Africa Connected Lighting Platform Market Outlook
9.1. Market Size & Forecast
9.1.1. By Value
9.2. Market Share & Forecast
9.2.1. By Component
9.2.2. By Connectivity
9.2.3. By Application
9.2.4. By Country
9.3. Middle East & Africa: Country Analysis
9.3.1. Saudi Arabia Connected Lighting Platform Market Outlook
9.3.1.1. Market Size & Forecast
9.3.1.1.1. By Value
9.3.1.2. Market Share & Forecast
9.3.1.2.1. By Component
9.3.1.2.2. By Connectivity
9.3.1.2.3. By Application
9.3.2. UAE Connected Lighting Platform Market Outlook
9.3.2.1. Market Size & Forecast
9.3.2.1.1. By Value
9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Component
9.3.2.2.2. By Connectivity
9.3.2.2.3. By Application
9.3.3. South Africa Connected Lighting Platform Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value
9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Component
9.3.3.2.2. By Connectivity
9.3.3.2.3. By Application
10. South America Connected Lighting Platform Market Outlook
10.1. Market Size & Forecast
10.1.1. By Value
10.2. Market Share & Forecast
10.2.1. By Component
10.2.2. By Connectivity
10.2.3. By Application
10.2.4. By Country
10.3. South America: Country Analysis
10.3.1. Brazil Connected Lighting Platform Market Outlook
10.3.1.1. Market Size & Forecast
10.3.1.1.1. By Value
10.3.1.2. Market Share & Forecast
10.3.1.2.1. By Component
10.3.1.2.2. By Connectivity
10.3.1.2.3. By Application
10.3.2. Colombia Connected Lighting Platform Market Outlook
10.3.2.1. Market Size & Forecast
10.3.2.1.1. By Value
10.3.2.2. Market Share & Forecast
10.3.2.2.1. By Component
10.3.2.2.2. By Connectivity
10.3.2.2.3. By Application
10.3.3. Argentina Connected Lighting Platform Market Outlook
10.3.3.1. Market Size & Forecast
10.3.3.1.1. By Value
10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Component
10.3.3.2.2. By Connectivity
10.3.3.2.3. By Application
11. Market Dynamics
11.1. Drivers
11.2. Challenges
12. Market Trends & Developments
12.1. Merger & Acquisition (If Any)
12.2. Product Launches (If Any)
12.3. Recent Developments

13. Global Connected Lighting Platform Market: SWOT Analysis
14. Porter's Five Forces Analysis
14.1. Competition in the Industry
14.2. Potential of New Entrants
14.3. Power of Suppliers
14.4. Power of Customers
14.5. Threat of Substitute Products
15. Competitive Landscape
15.1. Eaton Corporation plc
15.1.1. Business Overview
15.1.2. Products & Services
15.1.3. Recent Developments
15.1.4. Key Personnel
15.1.5. SWOT Analysis
15.2. Wolfspeed, Inc.
15.3. Signify N.V.
15.4. Honeywell International Inc.
15.5. Samsung Electronics Co., Ltd.
15.6. Legrand SA
15.7. Schneider Electric SE
15.8. Comarch SA
15.9. Lutron Electronics Co. Inc.
15.10. Leviton Manufacturing Co., Inc.
16. Strategic Recommendations
17. About Us & Disclaimer

Connected Lighting Platform Market - Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Component (Hardware, Software and Services), By Connectivity (Wired and Wireless), By Application (Indoor and Outdoor), By Region, and By Competition, 2020-2030F

Market Report | 2025-11-27 | 186 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$4500.00
	Multi-User License	$5500.00
	Custom Research License	$8000.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	

Date	2026-02-09
Signature	