

Press release

Connected Street Light Market Set to Transform Urban Infrastructure with Smart, Energy-Efficient Lighting Solutions 2025-2032 | Major Companies - General Electric Co., Echelon Corporation, Osram AG, Cisco System Inc.

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Connected Street Light Market

Market Overview:

The Global Connected Street Light Market is estimated to grow at a CAGR of 30% during the forecast period 2024-2031.

The Connected Street Light Market report, published by DataM Intelligence, provides in-depth insights and analysis on key market trends, growth opportunities, and emerging challenges. Committed to delivering actionable intelligence, DataM Intelligence empowers businesses to make informed decisions and stay ahead of the competition. Through a combination of qualitative and quantitative research methods, it offers comprehensive reports that help clients navigate complex market landscapes, drive strategic growth, and seize new opportunities in an ever-evolving global market.

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The Connected Street Light Market refers to smart, network-enabled street lighting systems that use IoT, sensors, and communication technologies to enable remote monitoring, adaptive lighting control, energy efficiency, predictive maintenance, and data-driven urban management. These systems integrate with smart city infrastructure to improve public safety, reduce operational costs, lower energy consumption, and support sustainable urban development initiatives.

Recent Key Developments of United States:

- December 2025: Flashnet partnered with SESCO Lighting to boost smart street lighting adoption across the US, focusing on IoT-enabled solutions for energy management and urban infrastructure.
- November 2025: The Washington, DC Smart Street Lighting Project advanced significantly, upgrading over 75,000 streetlights to energy-efficient LEDs with remote monitoring and Wi-Fi integration for better public safety and energy savings.
- October 2025: Fullerton, California, started installing 69 new solar-powered connected streetlights from Fonroche Lighting America to replace an outdated series system, improving safety and reliability during outages.

Recent Key Developments of Japan:

- December 2025: The Ministry of Land, Infrastructure, Transport and Tourism called for innovative road surface solar power technologies, supporting connected lighting integration for carbon neutrality by 2050.
- November 2025: Industry analysis emphasized AI-driven predictive maintenance and real-time optimization in Japan's connected street lighting, particularly in Tokyo and Osaka, aligning with sustainability goals.
- October 2025: Reports highlighted accelerating smart-city deployments in Kansai for the 2025 Osaka Expo preparations, including MinebeaMitsumi's 178 smart streetlights with sensors, parking meters, and Wi-Fi connectivity.

List of the Key Players in the Connected Street Light Market:

General Electric Co.
Koninklijke Philips NV
Echelon Corporation
Osram AG
Cisco System Inc.

Triliant Holdings Inc.
AxiomTek
Tech Mahindra Limited
Schröder Group GIE
Silver Spring Networks Inc.

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This Report Covers:

- ✓ Go-to-market Strategy.
- ✓ Neutral perspective on the market performance.
- ✓ Development trends, competitive landscape analysis, supply side analysis, demand side analysis, year-on-year growth, competitive benchmarking, vendor identification, and other significant analysis, as well as development status.
- ✓ Customized regional/country reports as per request and country level analysis.
- ✓ Potential & niche segments and regions exhibiting promising growth covered.
- ✓ Analysis of Market Size (historical and forecast), Total Addressable Market (TAM), Serviceable Available Market (SAM), Serviceable Obtainable Market (SOM), Market Growth, Technological Trends, Market Share, Market Dynamics, Competitive Landscape and Major Players (Innovators, Start-ups, Laggard, and Pioneer).

Segments Covered in the Connected Street Light Market:

By Components: Hardware, Service (Professional, Managed).

By Networking Technology: Narrowband, Medium band, Broadband.

Regional Analysis:

- North America (U.S., Canada, Mexico)
- Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)
- Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)
- South America (Colombia, Brazil, Argentina, Rest of South America)
- Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Chapter Outline

- ▶ Market Overview: It contains five chapters, as well as information about the research scope, major manufacturers covered, market segments, Connected Street Light market segments, study objectives, and years considered.
- ▶ Market Landscape: The competition in the Global Connected Street Light Market is evaluated here in terms of value, turnover, revenues, and market share by organization, as well as market rate, competitive landscape, and recent developments, transaction, growth, sale, and market shares of top companies.
- ▶ Companies Profiles: The Global Connected Street Light market's leading players are studied based on sales, main products, gross profit margin, revenue, price, and growth production.
- ▶ Market Outlook by Region: The report goes through gross margin, sales, income, supply, market share, CAGR, and market size by region in this segment. North America, Europe, Asia Pacific, Middle East & Africa, and South America are among the regions and countries studied in depth in this study.
- ▶ Market Segments: It contains the deep research study which interprets how different end-user/application/type segments

contribute to the Connected Street Light Market.

▶▶ Market Forecast: Production Side: In this part of the report, the authors have focused on production and production value forecast, key producers forecast, and production and production value forecast by type.

▶▶ Research Findings: This section of the report showcases the findings and analysis of the report.

▶▶ Conclusion: This portion of the report is the last section of the report where the conclusion of the research study is provided.

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People Also Ask:

- ◆ How big is the Connected Street Light Market in 2025?
- ◆ What is the projected growth rate of the Connected Street Light Market through 2033?
- ◆ Who are the key players in the Connected Street Light Market?
- ◆ Which region is expected to dominate the industry during the forecast period?

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