

Mexico Solar Street Lighting Market Size, Share, Trends and Forecast by Type, Application, and Region, 2026-2034

<https://marketpublishers.com/r/MC4D07973DEEEN.html>

Date: June 2026

Pages: 118

Price: US\$ 2,999.00 (Single User License)

ID: MC4D07973DEEEN

Abstracts

The Mexico solar street lighting market size reached USD 87.0 Million in 2025. Looking forward, IMARC Group expects the market to reach USD 318.2 Million by 2034, exhibiting a growth rate (CAGR) of 15.04% during 2026-2034. The market in Mexico is driven with rising sustainability efforts, positive government policies, and growing demand for off-grid energy solutions. Technological innovations like smart and hybrid systems are enhancing efficiency and reliability, driving demand for solar lighting in residential, commercial, and industrial spaces. Urbanization and public infrastructure investments further fuel adoption. These trends are likely to have a positive impact on the Mexico solar street lighting market share during the forecast period.

MEXICO SOLAR STREET LIGHTING MARKET TRENDS:

Incorporation of Smart Technology in Solar Street Lighting

Solar street lighting systems in Mexico are increasingly becoming smarter with technologies like motion sensors, remote monitoring, and adaptive control of lights. Such integration aids energy efficiency through optimized light output in terms of pedestrian and vehicle movement to ensure power usage only when needed. The use of IoT-based systems is also enabling predictive maintenance and operational efficiency, lowering long-term expenses for municipalities. For instance, in September 2024, Intersolar Mexico will exhibit solar energy solutions, such as solar street lighting, featuring technologies to enhance Mexico's infrastructure, energy efficiency, and sustainable urban development. Moreover, these intelligent features are part of Mexico's overall drive towards urban modernization and sustainable infrastructure. Moreover, government-sponsored digital transformation initiatives in urban

management are offering a supportive framework for cities to implement smart lighting systems. The integration of intelligent technology not only enhances security and visibility within public spaces but also promotes environmental sustainability by lowering carbon emissions. Such innovations mark a forward-looking development in how public lighting infrastructure is controlled and serviced nationwide.

Government Support for Clean Energy Transition

Mexico has put forth different national and local regulations to minimize fossil fuel dependence and increase the utilization of renewable energy, where solar street lighting is a strategic priority. Initiatives supporting solar infrastructure in rural and underserved areas are actively playing a role in the installation of off-grid solar street lighting, which is critical for areas without access to reliable electricity. Financial incentives in terms of subsidies and tax reliefs have additionally helped the growth of sustainable light arrangements in both city and town areas. All this is the effect of long-term government determination of environmental viability coupled with infrastructure balance. Mexico solar street lighting market growth is thereby developing momentum both for environmentalism but also simply through formalized support policy coupled with renewable power requirement. This policy-induced momentum remains instrumental in revolutionizing street lighting infrastructure nationwide while saving public energy outlays.

Resilient and Off-Grid Lighting Demand

Increasing demand for climate-resilient infrastructure is driving demand for off-grid solar street lighting solutions in Mexico. These solutions are particularly useful in locations prone to grid instability due to natural phenomena like storms, earthquakes, or power shortages. Solar lights, being autonomous and independent of traditional grids of electricity, provide a secure source of light in case of emergencies and in remote areas. Utilization of tough battery storage and long-lasting materials provides long-term performance despite extreme weather conditions, and hence the systems are best suited for disaster hit areas. In addition, municipalities and local governments are seeing the cost savings and low maintenance of such systems, which is driving their use in rural development and infrastructure enhancement projects. This trend will continue as energy security and climate adaptation gain high importance in public infrastructure planning, further solidifying the place of solar street lighting in future-proof urban and rural development plans.

MEXICO SOLAR STREET LIGHTING MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on type and application.

Type Insights:

Standalone

Hybrid

Smart

Modular

Others

The report has provided a detailed breakup and analysis of the market based on the type. This includes standalone, hybrid, smart, modular, and others.

Application Insights:

Residential

Commercial

Industrial

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes residential, commercial, and industrial.

Regional Insights:

Northern Mexico

Central Mexico

Southern Mexico

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Northern Mexico, Central Mexico, Southern Mexico, and Others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Mexico solar street lighting market performed so far and how will it perform in the coming years?

What is the breakup of the Mexico solar street lighting market on the basis of type?

What is the breakup of the Mexico solar street lighting market on the basis of application?

What is the breakup of the Mexico solar street lighting market on the basis of region?

What are the various stages in the value chain of the Mexico solar street lighting market?

What are the key driving factors and challenges in the Mexico solar street lighting?

What is the structure of the Mexico solar street lighting market and who are the key players?

What is the degree of competition in the Mexico solar street lighting market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 MEXICO SOLAR STREET LIGHTING MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 MEXICO SOLAR STREET LIGHTING MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 MEXICO SOLAR STREET LIGHTING MARKET - BREAKUP BY TYPE

- 6.1 Standalone
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Hybrid
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

6.3 Smart

6.3.1 Overview

6.3.2 Historical and Current Market Trends (2020-2025)

6.3.3 Market Forecast (2026-2034)

6.4 Modular

6.4.1 Overview

6.4.2 Historical and Current Market Trends (2020-2025)

6.4.3 Market Forecast (2026-2034)

6.5 Others

6.5.1 Historical and Current Market Trends (2020-2025)

6.5.2 Market Forecast (2026-2034)

7 MEXICO SOLAR STREET LIGHTING MARKET - BREAKUP BY APPLICATION

7.1 Residential

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Commercial

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Industrial

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

8 MEXICO SOLAR STREET LIGHTING MARKET – BREAKUP BY REGION

8.1 Northern Mexico

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Breakup by Type

8.1.4 Market Breakup by Application

8.1.5 Key Players

8.1.6 Market Forecast (2026-2034)

8.2 Central Mexico

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Breakup by Type

8.2.4 Market Breakup by Application

8.2.5 Key Players

8.2.6 Market Forecast (2026-2034)

8.3 Southern Mexico

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Breakup by Type

8.3.4 Market Breakup by Application

8.3.5 Key Players

8.3.6 Market Forecast (2026-2034)

8.4 Others

8.4.1 Historical and Current Market Trends (2020-2025)

8.4.2 Market Forecast (2026-2034)

9 MEXICO SOLAR STREET LIGHTING MARKET – COMPETITIVE LANDSCAPE

9.1 Overview

9.2 Market Structure

9.3 Market Player Positioning

9.4 Top Winning Strategies

9.5 Competitive Dashboard

9.6 Company Evaluation Quadrant

10 PROFILES OF KEY PLAYERS

10.1 Company A

10.1.1 Business Overview

10.1.2 Products Offered

10.1.3 Business Strategies

10.1.4 SWOT Analysis

10.1.5 Major News and Events

10.2 Company B

10.2.1 Business Overview

10.2.2 Products Offered

10.2.3 Business Strategies

10.2.4 SWOT Analysis

10.2.5 Major News and Events

10.3 Company C

10.3.1 Business Overview

10.3.2 Products Offered

10.3.3 Business Strategies

10.3.4 SWOT Analysis

10.3.5 Major News and Events

10.4 Company D

10.4.1 Business Overview

10.4.2 Products Offered

10.4.3 Business Strategies

10.4.4 SWOT Analysis

10.4.5 Major News and Events

10.5 Company E

10.5.1 Business Overview

10.5.2 Products Offered

10.5.3 Business Strategies

10.5.4 SWOT Analysis

10.5.5 Major News and Events

11 MEXICO SOLAR STREET LIGHTING MARKET - INDUSTRY ANALYSIS

11.1 Drivers, Restraints, and Opportunities

11.1.1 Overview

11.1.2 Drivers

11.1.3 Restraints

11.1.4 Opportunities

11.2 Porters Five Forces Analysis

11.2.1 Overview

11.2.2 Bargaining Power of Buyers

11.2.3 Bargaining Power of Suppliers

11.2.4 Degree of Competition

11.2.5 Threat of New Entrants

11.2.6 Threat of Substitutes

11.3 Value Chain Analysis

12 APPENDIX

I would like to order

Product name: Mexico Solar Street Lighting Market Size, Share, Trends and Forecast by Type, Application, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/MC4D07973DEEEN.html>

Price: US\$ 2,999.00 (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/MC4D07973DEEEN.html>