

Brazil Lighting Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-06-28 | 129 pages | EMR Inc.

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Report description:

The Brazil lighting market size is projected to grow at a CAGR of 6.30% between 2025 and 2034, aided by increasing government investments to enhance the quality of public resources in the country.

Brazil Lighting Market Growth

Over 5,000 municipalities in Brazil still rely on inefficient, outdated, mercury vapour or high-pressure sodium lamps for street lighting that emit dangerous noxious pollutants into the atmosphere. In 2022, the World Bank partnered with the Global Infrastructure Facility (GIF), and the International Finance Corporation to enable the Brazilian Government and CAIXA (a public sector bank of Brazil) to install LED streetlights in 15 Brazilian municipalities.

Aracaju, Belem, Feira de Santana, Franco da Rocha, Sapucaia do Sul, and Feira de Santana are receiving nearly USD 63 million for the installation of 224,000 new streetlights by the private sector. This is expected to benefit over 3 million people directly and will also increase Brazil lighting market value. The support provided by the GIF is expected to assist various stakeholders, including the CAIXA in developing a standard approach for structuring PPP transactions and increasing project preparation capacity to contribute to an increase in the number of transactions over time, while resulting in significant cost savings. This programme can also minimise the annual carbon emissions of Brazil by 21,500 tons.

Brazil aims to achieve 10% efficiency gains by 2030 in its electricity sector. The integration of LED lights with smart controls and management systems can lead to substantial energy savings of up to 80%. This is expected to drive the Brazil lighting market expansion in the forecast period.

Key Trends and Developments

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Rising demand for LED lighting; the growing popularity of smart lighting; the development of human-centric lighting; and advancements in lighting technology are aiding the Brazil lighting market expansion

July 2024

Casambi announced a distribution partnership with Ever Light Iluminacao to distribute Casambi modules to Brazilian customers. The Casambi modules support the development of mesh networks that enable precise control of light temperature and intensity and lead to substantial savings in energy and maintenance.

November 2021

Tuya Inc. partnered with Brazil-based Gaya to strengthen their cooperation and offer smart life and lighting solutions to Brazilian customers. Through the partnership, the companies aim to offer smart products to meet the evolving convenience needs of Brazilian customers.

November 2021

The Smart Luz consortium, comprising Salberg, HTI, Proteres Participacoes, and Arc and Green Luce, selected Singapore-based ST Engineering for the provision of a smart city programme in Rio de Janeiro. ST Engineering deployed its Telematics Wireless T-Light Galaxy Smart Street Lighting solution with AGIL's IoT platform for connecting over 300,000 LED streetlights across the city, contributing to Brazil lighting market revenue.

August 2019

Belo Horizonte upgraded its 182,000 streetlights with new LEDs from Signify to improve the safety of citizens in one of the Brazilian largest cities. The installations cover an area of 6 km² and streetlights at big avenues are equipped with remote management services.

Rising Demand for LED Lighting Solutions

Due to their energy efficiency, zero greenhouse gas emissions, durability, flexible designs, and low heat and UV emissions, the demand for LED lighting solutions is increasing. The growing customer focus on energy efficiency in Brazil is further boosting the adoption of LED lighting and hence, the Brazil lighting market growth.

Growing Popularity of Smart Lighting

Smart lighting systems which can be controlled remotely via smartphones and other connected devices and enable users to customise colour temperature and brightness are gaining popularity. Such systems also empower users to enable swift illumination modifications to suit their diverse moods.

Development of Human-Centric Lighting

With the growing trend of health and wellness, the development of human-centric lighting that synchronises with the circadian rhythm, can be tailored to individual biological needs and preferences, and boosts the well-being and productivity of users is increasing. This is promoting Brazil lighting market development.

Advancements in Lighting Technology

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Advancements in lighting technology are enhancing the durability, colour-rendering properties, and energy efficiency of LED lights and leading to the development of lighting solutions with features such as automated schedules, dimming, and colour-changing options.

Brazil Lighting Market Trends

In the forecast period, the adoption of human-centric lighting is expected to grow as it aligns with human biological rhythm, improves the mental and physical well-being of users, elevates sleeping quality, and reduces the symptoms of depression. Moreover, such lighting solutions create a supportive environment to foster collaboration, enhance productivity, and stimulate creativity, boosting their adoption in commercial spaces like offices.

Advancements in human-centric lighting aimed at increasing their efficiency while improving user experience is likely to aid the Brazil lighting market growth. The development of smart human-centric lighting solutions that deploy machine learning and artificial intelligence to make real-time adjustments based on energy consumption, environmental conditions, and human behaviour is further anticipated to revolutionise the market in the forecast period.

Brazil Lighting Industry Segmentation

The EMR's report titled "Brazil Lighting Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Breakup by Type

- LED
- Fluorescent
- Incandescent
- Halogen

Market Breakup by Product

- Bulbs
- Streetlights
- Downlights
- Tubelights
- Flood Lights
- Others

Market Breakup by End Use

- Residential
- Commercial
- Industrial
- Others

Market Breakup by Distribution Channel

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- Online
- Offline

Breakup by Region

- Sao Paulo
- Minas Gerais
- Rio de Janeiro
- Bahia
- Rio Grande do Sul

Brazil Lighting Market Share

Based on region, the market is segmented into Sao Paulo, Minas Gerais, Rio de Janeiro, Bahia, and Rio Grande do Sul. Bahia is projected to dominate the market, representing 11% of the overall market share. Over the forecast period, Sao Paulo is expected to grow at a CAGR of 7.2% as rapid technological advancements is accelerating the adoption of advanced lighting solutions in the region.

Leading Companies in the Brazil Lighting Market

UV disinfection lighting is expected to witness widespread adoption among healthcare facilities in Brazil. Therapeutic lighting is also expected to become popular in residential areas, due to its ability to promote human wellbeing by offering tailored illumination. These factors are creating lucrative opportunities for Brazil lighting market players.

Signify N.V.

Signify N.V., headquartered in Eindhoven, Netherlands, was founded in 1891 and is recognised as a global leader in the lighting industry. Formerly known as Philips Lighting, the company specialises in energy-efficient lighting solutions, particularly through LED technology. It operates under several brands, including Philips, Philips Hue, and Interact.

Eaton Corporation Plc

Eaton Corporation Plc, established in 1911 and based in Dublin, Ireland, is a multinational power management company. As per Brazil lighting market analysis, Eaton focuses on delivering electrical components and systems that help customers manage electrical, hydraulic, and mechanical power more effectively.

Luminate Group

Luminate Group, founded in 2017 and located in San Francisco, California, specialises in advanced lighting solutions and smart building technologies. The company's mission is to integrate energy-efficient lighting with smart technology to enhance user experiences while reducing energy consumption.

Alpha Lume

Alpha Lume is a lighting design and manufacturing company based in Los Angeles, California, founded in 2015. The company focuses on providing custom lighting solutions tailored for both commercial and residential projects.

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Other players included in the Brazil lighting market report are Ilutron Industria Eletronica Ltda., Brilanze/Boreal LED, Cia Do LED, and TFX Lighting, among others.

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