

India Flame Proof Lighting Market Report and Forecast 2025-2034

Market Report | 2025-07-21 | 139 pages | EMR Inc.

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Report description:

The India flame proof lighting market size is expected to grow at a CAGR of 8.60% between 2025 and 2034 owing to the expanding industrial value.

Increasing Demand from Oil and Gas Industry, and Enhanced Safety of Workers to be the Key Market Trends

The term 'intrinsically safe' refers to flame-proof lightning, which also illuminates hazardous locations. These lighting systems are frequently employed in industries like the oil and gas industry, where extremely flammable and volatile materials are handled, and other locations where flammable petrochemical pulverised dust and vapours may be present. The equipment is enclosed in a cage made of flame-resistant materials that can withstand any explosion of gas or vapour that may occur inside of it and shield the area around it from potential fire.

- The oil and gas industry is the primary end-use sector for flame proof lighting since explosion-related asset losses or damages in this sector can result in higher expenses. The need for new flame proof lighting in the oil and gas industry is anticipated to rise due to several forthcoming oil and gas projects in India, which will propel the India flame proof lighting market growth over the forecast period.

- The need for flame proof light fixtures is rising in India due to the country's expanding infrastructural development and mining industries. Due to the easy availability of raw resources in Asian nations like China and India, the number of industrial facilities is considerably growing. As a result, companies from all over the world are expanding their industrial bases the region. Such factors are positively impacting the Indian market for flameproof lighting.

- Additionally, strict regulations regarding worker safety in remote and dangerous surroundings, as well as improving safety and productivity in harsh and hazardous areas, are significantly driving the growth of the flame proof lighting market.

India Flame Proof Lighting Market Segmentation

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"India Flame Proof Lighting Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Breakup by Product Type

- Fluorescent Lighting
- Hand Lamps
- Flashlights
- Others

Breakup by Application

- Commercials
- Industrials
- Entertainment
- Emergency
- Consumer Portables
- Residential
- Others

Breakup by Distribution Channels

- Supermarkets/Hypermarkets
- Speciality Stores
- Convenience Stores
- Online
- Others

Fluorescent Lighting, Hand Lamps, and Flashlights, are Leading Products in the Market

Fluorescent lighting is a very adaptable type of lighting that is frequently used in offices, schools, or grocery stores, and holds a sizable segment of the India flame proof lighting market. In comparison to incandescent and halogen light bulbs, they are noted for their energy efficiency and for being less expensive than LEDs.

Hand lamps are small, battery-operated lights that emit maximum light in the horizontal direction from a tungsten filament light source enclosed in a dome- or well-shaped glass. A handheld flashlight is a tiny electric light that is powered by batteries.

Industrial Applications to Dominate the Market Growth

In industrial applications, there is a strong demand for flame-proof lighting. The growing requirements from the oil and gas industry include lights with extremely high levels of illumination, contrast, and colour rendition. The demand for India flame proof lighting market is also anticipated to rise during the forecast period due to the need for flame proof lighting in processing facilities, drilling rigs, offshore platforms, and petroleum refineries in the oil and gas industry.

Flame proof lighting is also employed in the chemical sector, particularly in hazardous atmospheres, harsh climates, and areas that contain flammable gases, from the primary production stage through the downstream packaging stage.

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Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the following key players in the India flame proof lighting market, covering their competitive landscape and latest developments like mergers, acquisitions, investments, and expansion plans.

Signify India (Philips Lighting N.V.)

Signify India (Philips Lighting N.V.), founded in 1891, leads the world in terms of lighting for businesses, consumers, and the Internet of Things, with a strong presence in the India flame proof lighting market. Philips is Signify's main brand for lights, luminaires, and other lighting goods for both professionals and consumers. A full range of lighting applications is covered by Signify products bearing the Philips brand, including those for the home, workplace, and industry as well as for street lighting, gardening, sports, and other uses.

Bajaj Electricals Ltd

Bajaj Electricals Ltd is a member of the "Bajaj Group", with its headquarters in Mumbai, Maharashtra, and was founded in 1938. Consumer goods (appliances, fans, lighting), exports, illumination, and EPC are all part of the company's operations for illumination, transmission towers and power distribution. Additionally, the corporation has 20 branch offices located throughout the nation. It is supported by a network of distributors, authorised dealers, retail stores, special showrooms called 'Bajaj World', and over 500 customer service centres,.

Havells India Ltd.

Havells India Ltd., with its headquarters in Noida, is a well-known Fast Moving Electrical Goods (FMEG) business and a significant manufacturer of power distribution equipment. Havells has enviable market dominance in a variety of product categories, including motors, fans, power capacitors, industrial and domestic circuit protection devices, cables and wires, modular switches, and luminaires for residential, commercial, and industrial applications, among other products.

Other market players include Syska Led Lights Pvt Ltd and FCG Hi-Tech PVT. LTD., among others.

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