

LED Bulb Market - Industry Trends, Manufacturing Process, Plant Setup, Machinery, Raw Materials, Cost and Revenue

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Abstracts

LED bulbs are a cluster of LEDs that are mounted on a single base and encased in a diffuser lens to spread the light across a larger area. These bulbs which are based on solid-state lighting technology, emit light from a semiconductor chip and generate lesser heat than traditional incandescents. LED bulbs last up to ten times longer than compact fluorescents and far longer than typical incandescents. They are available in a range of watts, colors, bases, shapes, dimmable controls, etc. each having specific use in various application areas. For instance, omnidirectional LED bulbs that look like older incandescent bulbs are majorly used in lighting rooms, hallways and in applications where light generally remain on for extended periods. Dimmable LED globes are also becoming an ideal replacement for halogen down lights and indoor spotlights. These light bulbs produce light equivalent to a 40W incandescent bulb consume just 10W of power and offer dimmability control from 100% to 10%. As governments are banning older inefficient light bulbs, these LED bulbs are rapidly replacing incandescent and fluorescent bulbs and are expected to witness robust growth in the coming years.

IMARC's latest study "LED Bulb Market - Industry Trends, Manufacturing Process, Plant Setup, Machinery, Raw Materials, Cost and Revenue" provides a techno-commercial roadmap for setting up a LED bulb manufacturing plant. The study covers all the requisite aspects of the LED market. This ranges from macro overview of the market to micro details of the industry performance, processing and manufacturing requirements, project cost, project funding, project economics including expected returns on investment, profit margins, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the LED bulb industry in any manner.

Key Questions Answered in This Report?

What are the various unit operations involved in a LED bulb manufacturing plant?

What is the total size of land required for setting up a LED bulb manufacturing plant?

What are the machinery requirements for setting up a LED bulb manufacturing plant?

What are the raw material requirements for setting up a LED bulb manufacturing plant?

What are the utility requirements for setting up a LED bulb manufacturing plant?

What are the manpower requirements for setting up a LED bulb manufacturing plant?

What are the infrastructure costs for setting up a LED bulb manufacturing plant?

What are the capital costs for setting up a LED bulb manufacturing plant?

What are the operating costs for setting up a LED bulb manufacturing plant?

What will be the income and expenditures of a LED bulb manufacturing plant?

What is the payback period of a LED bulb manufacturing plant?

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