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LED Downlight Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global LED downlight market size reached US$ 21.3 Billion in 2021. Looking forward, IMARC Group expects the market to reach US$ 35.7 Billion by 2027, exhibiting a growth rate (CAGR) of 8.94% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

LED downlights refer to recessed light fixtures which are installed into a hollow opening in a ceiling. These lights are extensively used across residential and commercial spaces. They are extremely energy-efficient and eco-friendly lighting solutions which emit light in the downward direction with a narrow beam. These lights have a relatively longer lifespan with minimum heat radiation. Initially intended for directional lighting, the newer product variations find extensive applications in malls, offices, hallways, kitchens, bathrooms and showrooms. Dimmer switches can be also added to these downlights to control the level of light output. They are available in a wide range of sizes and lumen packages and are a viable alternative to compact fluorescent and incandescent lamps.

Since LED downlights are capable of withstanding rough conditions like external shocks and vibrations, exposure to extreme weather conditions, and traffic-related public exposure, they are an extremely preferred choice for outdoor lighting systems. In addition, the sales of these lights are also proliferating since they consume a negligible amount of electricity and emit lesser amount of ultraviolet (UV) rays and heat. Apart from this, on account of the rising prices of electricity in several developing economies, the governments are taking initiatives to encourage the widespread incorporation of LED lights across various sectors. Furthermore, aggressive marketing initiatives by manufacturers and vendors through various advertising media is also providing impetus

to the market growth.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each sub-segment of the global LED downlight market report, along with forecasts at the global and regional level from 2022-2027. Our report has categorized the market based on application.

Breakup by Application:

Retrofit
Retail & Hospitality
Outdoor
Offices
Architectural
Residential
Industrial

Retrofit represents the largest application segment of the LED lighting market. This can be attributed to the increasing preference of the masses toward retrofitting of existing lighting fixtures with LED lights.

Regional Insights:

India
China
Europe
The United States
Japan
Brazil
Russia
Others

China holds the leading position in the LED lighting market. The Government of China has taken severe steps to develop and implement energy-saving and eco-friendly lighting technologies which has bolstered the market growth in this region.

Competitive Landscape:
The competitive landscape of the market has also been analyzed in the report with the detailed profiles of the key players operating in the market.

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Key Questions Answered in This Report:
How has the global LED lighting market performed so far, and how will it perform in the coming years?
How has the global LED downlight market performed so far and how will it perform in the coming years?
What are the key regional markets in the global LED lighting industry?
What has been the impact of COVID-19 on the global LED lighting industry?
Which are the key application areas in the global LED lighting industry?
What are the key product types in the global LED lighting industry?
What are the various stages in the value chain of the LED lighting industry?
What are the key driving factors and challenges in the LED lighting industry?
What is the structure of the LED lighting industry, and who are the key players?
What is the degree of competition in the LED lighting industry?
What are the profit margins in the LED lighting industry?
What are the key requirements for setting up a LED downlight manufacturing plant?
How is LED downlight manufactured?
What are the various unit operations involved in a LED downlight manufacturing plant?
What is the total size of land required for setting up a LED downlight manufacturing plant?
What are the machinery requirements for setting up a LED downlight manufacturing plant?
What are the raw material requirements for setting up a LED downlight manufacturing plant?
What are the packaging requirements for LED downlight?
What are the transportation requirements for LED downlight?
What are the utility requirements for setting up a LED downlight plant?
What are the manpower requirements for setting up a LED downlight plant?
What are the capital costs for setting up a LED downlight plant?
What will be the income and expenditures for a LED downlight plant?
What is the time required to break-even?

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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 INTRODUCTION

4.1 Overview
4.2 Key Industry Trends

5 GLOBAL LED LIGHTING INDUSTRY

5.1 Market Overview
5.2 Market Performance
  5.2.1 Volume Trends
  5.2.2 Value Trends
5.3 Impact of COVID-19
5.4 LED Downlight Market
5.5 Market Breakup by Region
5.6 Market Breakup by Application
5.7 Market by LED Products: LED Lamps, Modules and Fixtures
  5.7.1 Current and Historical Market Trends
  5.7.2 Market Forecast
5.8 Market Forecast
5.9 SWOT Analysis
  5.9.1 Overview

5.9.2 Strengths
5.9.3 Weaknesses
5.9.4 Opportunities
5.9.5 Threats
5.10 Value Chain Analysis
5.10.1 Primary Raw Materials Suppliers
5.10.2 LED Chip Manufacturers
5.10.3 LED Package and Module Manufacturers
5.10.4 Lighting Products, Electronic Products and Automotive Part Manufacturers
5.10.5 Product Distribution
5.10.6 End Users
5.11 Porter's Five Forces Analysis
5.11.1 Overview
5.11.2 Bargaining Power of Buyers
5.11.3 Bargaining Power of Suppliers
5.11.4 Degree of Competition
5.11.5 Threat of New Entrants
5.11.6 Threat of Substitutes
5.12 Key Success and Risk Factors for LED Downlight Manufacturers
5.13 Comparative Analysis of CFL and LED
5.14 Price Analysis
5.14.1 Key Price Indicators
5.14.2 Price Structure

6 PERFORMANCE OF KEY REGIONS

6.1 India
6.1.1 Market Trends
6.1.2 Market Forecast
6.2 China
6.2.1 Market Trends
6.2.2 Market Forecast
6.3 Europe
6.3.1 Market Trends
6.3.2 Market Forecast
6.4 United States
6.4.1 Market Trends
6.4.2 Market Forecast
6.5 Japan

6.5.1 Market Trends
6.5.2 Market Forecast
6.6 Brazil
6.6.1 Market Trends
6.6.2 Market Forecast
6.7 Russia
6.7.1 Market Trends
6.7.2 Market Forecast
6.8 Others
6.8.1 Market Trends
6.8.2 Market Forecast

7 MARKET BY APPLICATION

7.1 Retrofit
7.1.1 Market Trends
7.1.2 Market Forecast
7.2 Retail & Hospitality
7.2.1 Market Trends
7.2.2 Market Forecast
7.3 Outdoor
7.3.1 Market Trends
7.3.2 Market Forecast
7.4 Offices
7.4.1 Market Trends
7.4.2 Market Forecast
7.5 Architectural
7.5.1 Market Trends
7.5.2 Market Forecast
7.6 Residential
7.6.1 Market Trends
7.6.2 Market Forecast
7.7 Industrial
7.7.1 Market Trends
7.7.2 Market Forecast

8 COMPETITIVE LANDSCAPE

8.1 Market Structure

8.2 Market Breakup by Key Players

9 LED DOWNLIGHT MANUFACTURING PROCESS

9.1 Product Overview and Specifications
9.2 Key Features and Advantages
9.3 Key Application Areas
  9.3.1 Offices and Conference Rooms
  9.3.2 Residential Blocks
  9.3.3 Showrooms and Malls
  9.3.4 Hospitals and Laboratories
  9.3.5 Hotels and Restaurants
9.4 Popular Shapes and Sizes
  9.4.1 LED Downlight Ring Series
  9.4.2 LED Downlight Slim Series (Square)
  9.4.3 LED Downlight Slim Series (Round)
  9.4.4 LED Downlight Flat Series (Square)
  9.4.5 LED Downlight Surface Series (Round)
  9.4.6 LED Downlight Adjustable (COB)
  9.4.7 LED Downlight Step (COB)
9.5 Design Material Alternatives
  9.5.1 Aluminium Die Cast Frame
  9.5.2 Aluminium Die Cast Frame Coated/Finished with White Powder
  9.5.3 Stainless Steel Frame Coated/Finished with White Powder
  9.5.4 Plastic Sheet Frame Coated/Finished with White Powder
  9.5.5 Metallized or White Reflector
  9.5.6 Clear or Matted Lens
9.6 Manufacturing Process
9.7 Raw Material Requirements
9.8 Raw Material Pictures

10 PROJECT DETAILS, REQUIREMENTS AND COSTS INVOLVED

10.1 Land Requirements and Expenditures
10.2 Construction Requirements and Expenditures
10.3 Plant Machinery
10.4 Machinery Pictures
10.5 Raw Material Requirements and Expenditures
10.6 Raw Material and Final Product Pictures

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10.7 Packaging Requirements and Expenditures
10.8 Transportation Requirements and Expenditures
10.9 Utility Requirements and Expenditures
10.10 Manpower Requirements and Expenditures
10.11 Other Capital Investments

11 LOANS AND FINANCIAL ASSISTANCE

12 PROJECT ECONOMICS

12.1 Capital Cost of the Project
12.2 Techno-Economic Parameters
12.3 Product Pricing and Margins Across Various Levels of the Supply Chain
12.4 Taxation and Depreciation
12.5 Income Projections
12.6 Expenditure Projections
12.7 Financial Analysis
12.8 Profit Analysis

13 KEY PLAYER PROFILES

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List Of Tables

LIST OF TABLES

Table 1: Global: LED Lighting Market: Key Industry Highlights, 2021 and 2027
Table 2: Global: LED Lighting Market Forecast: Breakup by Region (in Million US$), 2022-2027
Table 3: Global: LED Lighting Market Forecast: Breakup by Application (in Million US$), 2022-2027
Table 4: Global: LED Lighting Market: Competitive Structure
Table 5: Global: LED Lighting Market: Key Players
Table 6: Comparison of LEDs with Compact Fluorescent Lamps (Based on Energy Efficiency and Environmental Impact)
Table 7: Comparison of LEDs and Compact Fluorescent Lamps (Based on Luminous Flux)
Table 8: LED Downlight Manufacturing: Suppliers of Raw Materials and Delivery Timeline
Table 9: LED Downlight Manufacturing Plant: Costs Related to Land and Site Development (in US$)
Table 10: LED Downlight Manufacturing Plant: Costs Related to Civil Works (in US$)
Table 11: LED Downlight Manufacturing Plant: Costs Related to Machinery (in US$)
Table 12: LED Downlight Manufacturing Plant: Raw Material Requirements (in Units/Day) and Expenditures (in US$/Unit)
Table 13: LED Downlight Manufacturing Plant: Outer Packaging Requirements and Expenditure (in US$/Unit)
Table 14: LED Downlight Manufacturing Plant: Inner Packaging Requirements and Expenditure (in US$/Unit)
Table 15: LED Downlight Manufacturing Plant: Transportation Expenditure (in US$/Unit)
Table 16: LED Downlight Manufacturing Plant: Costs Related to Utilities (in US$)
Table 17: LED Downlight Manufacturing Plant: Costs Related to Salaries and Wages (in US$)
Table 18: LED Downlight Manufacturing Plant: Costs Related to Other Capital Investments (in US$)
Table 19: Details of Financial Assistance Offered by Financial Institutions
Table 20: LED Downlight Manufacturing Plant: Capital Costs (in US$)
Table 21: LED Downlight Manufacturing Plant: Taxation and Depreciation (in US$)
Table 22: LED Downlight Manufacturing Plant: Income Projections (in US$)
Table 23: LED Downlight Manufacturing Plant: Expenditure Projections (in US$)
Table 24: LED Downlight Manufacturing Plant: Cash Flow Analysis Without Considering

the Income Tax Liability (in US$)
Table 25: LED Downlight Manufacturing Plant: Cash Flow Analysis on Considering the Income Tax Liability (in US$)
Table 26: LED Downlight Manufacturing Plant: Profit and Loss Account (in US$)

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List Of Figures

LIST OF FIGURES

Figure 1: Global: LED Downlight Market: Major Drivers and Challenges
Figure 2: Global: LED Lighting Market: Volume Trends (in Billion Units), 2016-2021
Figure 3: Global: LED Lighting Market: Value Trends (in Billion US$), 2016-2021
Figure 4: Global: LED Downlight Market: Sales Value (in Billion US$), 2016-2021
Figure 5: Global: LED Lamps and Modules Market: Sales Volume (in Million Units), 2016-2021
Figure 6: Global: LED Fixtures Market: Sales Volume (in Million Units), 2016-2021
Figure 7: Global: LED Lighting Market Forecast: Volume Trends (in Billion Units), 2022-2027
Figure 8: Global: LED Lighting Market Forecast: Value Trends (in Billion US$), 2022-2027
Figure 9: Global: LED Downlight Market Forecast: Sales Value (in Billion US$), 2022-2027
Figure 10: Global: LED Lamps and Modules Market Forecast: Sales Volume (in Million Units), 2022-2027
Figure 11: Global: LED Fixtures Market Forecast: Sales Volume (in Million Units), 2022-2027
Figure 12: Global: LED Lighting Market: Breakup by Region (in %), 2021
Figure 13: Global: LED Lighting Market: Breakup by Application (in %), 2021
Figure 14: LED Downlight Market: Price Structure
Figure 15: Global: LED Lighting Industry: SWOT Analysis
Figure 16: Global: LED Lighting Industry: Value Chain Analysis
Figure 17: Global: LED Lighting Industry: Porter’s Five Forces Analysis
Figure 18: India: LED Lighting Market (in Million US$), 2016 & 2021
Figure 19: India: LED Lighting Market Forecast (in Million US$), 2022-2027
Figure 20: China: LED Lighting Market (in Million US$), 2016 & 2021
Figure 21: China: LED Lighting Market Forecast (in Million US$), 2022-2027
Figure 22: Europe: LED Lighting Market (in Million US$), 2016 & 2021
Figure 23: Europe: LED Lighting Market Forecast (in Million US$), 2022-2027
Figure 24: United States: LED Lighting Market (in Million US$), 2016 & 2021
Figure 25: United States: LED Lighting Market Forecast (in Million US$), 2022-2027
Figure 26: Japan: LED Lighting Market (in Million US$), 2016 & 2021
Figure 27: Japan: LED Lighting Market Forecast (in Million US$), 2022-2027
Figure 28: Brazil: LED Lighting Market (in Million US$), 2016 & 2021
Figure 29: Brazil: LED Lighting Market Forecast (in Million US$), 2022-2027

Figure 30: Russia: LED Lighting Market (in Million US$), 2016 & 2021
Figure 31: Russia: LED Lighting Market Forecast (in Million US$), 2022-2027
Figure 32: Other Regions: LED Lighting Market (in Million US$), 2016 & 2021
Figure 33: Other Regions: LED Lighting Market Forecast (in Million US$), 2022-2027
Figure 34: Global: LED Lighting Market: Retrofit Applications (in Million US$), 2016 & 2021
Figure 35: Global: LED Lighting Market Forecast: Retrofit Applications (in Million US$), 2022-2027
Figure 36: Global: LED Lighting Market: Retail & Hospitality Applications (in Million US$), 2016 & 2021
Figure 37: Global: LED Lighting Market Forecast: Retail & Hospitality Applications (in Million US$), 2022-2027
Figure 38: Global: LED Lighting Market: Outdoor Applications (in Million US$), 2016 & 2021
Figure 39: Global: LED Lighting Market Forecast: Outdoor Applications (in Million US$), 2022-2027
Figure 40: Global: LED Lighting Market: Office Applications (in Million US$), 2016 & 2021
Figure 41: Global: LED Lighting Market Forecast: Office Applications (in Million US$), 2022-2027
Figure 42: Global: LED Lighting Market: Architectural Applications (in Million US$), 2016 & 2021
Figure 43: Global: LED Lighting Market Forecast: Architectural Applications (in Million US$), 2022-2027
Figure 44: Global: LED Lighting Market: Residential Applications (in Million US$), 2016 & 2021
Figure 45: Global: LED Lighting Market Forecast: Residential Applications (in Million US$), 2022-2027
Figure 46: Global: LED Lighting Market: Industrial Applications (in Million US$), 2016 & 2021
Figure 47: Global: LED Lighting Market Forecast: Industrial Applications (in Million US$), 2022-2027
Figure 48: Global: LED Lighting Market: Key Players Market Share (in %), 2021
Figure 49: LED Downlight Manufacturing Plant: Various Types of Operation Involved
Figure 50: LED Downlight Manufacturing Plant: Conversion Rate of Products
Figure 51: LED Downlight Manufacturing Plant: Breakup of Capital Costs (in %)
Figure 52: LED Downlight Manufacturing Industry: Profit Margins at Various Levels of the Supply Chain
Figure 53: LED Downlight Manufacturing Plant: Manufacturing Cost Breakup (in %)

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