

LED Tube Light Market Report by Tube Type (T5, T8, T12, and Others), Application (Residential, Office, Industrial, Hospitality, and Others), and Region 2024-2032

<https://marketpublishers.com/r/L062D992CDD2EN.html>

Date: April 2024

Pages: 137

Price: US\$ 3,899.00 (Single User License)

ID: L062D992CDD2EN

Abstracts

The global LED tube light market size reached US\$ 4.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 9.5 Billion by 2032, exhibiting a growth rate (CAGR) of 9.2% during 2024-2032.

A light-emitting diode (LED) tube light currently represents one of the most energy-efficient types of linear tube lighting. Due to their high energy efficiency and longer life, these lights are rapidly replacing fluorescent tube lights that are often used in commercial and residential buildings. Unlike fluorescent tubes (which tend to burn out faster when integrated with occupancy sensors and other controls), LED tube lights work perfectly with control systems. They have a longer life span of 50,000 to 100,000 hours, which is 55-75 times more than their traditional counterparts. These eco-friendly lights offer maximum light output along with energy savings and come in a wide array of color temperatures. On account of their unique solid-state design, LED tube lights are lightweight, extremely durable, and require virtually no maintenance or warm up time. Besides this, they are highly resistant to temperature alterations and can remain stable even in extremely cold conditions.

Global LED Tube Light Market Trends:

With the inflating prices of electricity around the world, consumers are shifting from compact fluorescent lights (CFLs) to LED tube lights. This is further supported by awareness campaigns and policies for energy conservation and environmental protection by governments in various countries. On the other hand, manufacturers are

coming up with different LED lighting products and investing in marketing through newspapers and televisions, which is increasing product awareness among consumers. Further, strong demand for LED tube lights is emerging from the corporate sector as they offer better ambiance lighting, enhanced controls, and reduced maintenance costs. They are also widely being used in automotive, general lighting, mobile devices, signal and signage, healthcare, forensic, academics, and street lighting, which is stimulating market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global LED tube light market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on tube type and application.

Breakup by Tube Type:

- T5
- T8
- T12
- Others

Breakup by Application:

- Residential
- Office
- Industrial
- Hospitality
- Others

Breakup by Region:

- Asia Pacific
 - China
 - Japan
 - India
 - Others
- Europe
 - Germany
 - United Kingdom

France
Spain
Others
North America
United States
Canada
Latin America
Mexico
Brazil
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Acuity Brands Inc., Eaton Corporation PLC, Foshan Electrical and Lighting Co. Ltd., Iris Ohyama Inc., Koninklijke Philips N.V., LEDVANCE GmbH (MLS Co. Ltd.), Oppl Lighting, Panasonic Life Solutions India Pvt. Ltd. (Panasonic Corporation), Savant Technologies LLC, Toggled (Altair Engineering Inc.), Yankon Lighting and Zumtobel Group.

Key Questions Answered in This Report

1. What was the size of the global LED tube light market in 2023?
2. What is the expected growth rate of the global LED tube light market during 2024-2032?
3. What are the key factors driving the global LED tube light market?
4. What has been the impact of COVID-19 on the global LED tube light market?
5. What is the breakup of the global LED tube light market based on the tube type?
6. What is the breakup of the global LED tube light market based on the application?
7. What are the key regions in the global LED tube light market?
8. Who are the key players/companies in the global LED tube light 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 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL LED TUBE LIGHT INDUSTRY

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Tube Type
- 5.5 Market Breakup by Application
- 5.6 Market Breakup by Region
- 5.7 Market Forecast
- 5.8 SWOT Analysis
 - 5.8.1 Overview
 - 5.8.2 Strengths
 - 5.8.3 Weaknesses
 - 5.8.4 Opportunities
 - 5.8.5 Threats
- 5.9 Value Chain Analysis

- 5.9.1 Procurement of Components
- 5.9.2 LED Tube Light Manufacturers
- 5.9.3 Marketing and Product Distribution
- 5.9.4 End Users
- 5.10 Porter's Five Forces Analysis
 - 5.10.1 Overview
 - 5.10.2 Bargaining Power of Buyers
 - 5.10.3 Bargaining Power of Suppliers
 - 5.10.4 Degree of Competition
 - 5.10.5 Threat of New Entrants
 - 5.10.6 Threat of Substitutes
- 5.11 Key Success and Risk Factors for LED Tube Light Manufacturers
- 5.12 Comparative Analysis of CFL and LED
- 5.13 Price Analysis
 - 5.13.1 Key Price Indicators
 - 5.13.2 Price Structure

6 MARKET BREAKUP BY TUBE TYPE

- 6.1 T5
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 T8
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 T12
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Residential
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Office
 - 7.2.1 Market Trends

- 7.2.2 Market Forecast
- 7.3 Industrial
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Hospitality
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY REGION

- 8.1 Asia Pacific
 - 8.1.1 China
 - 8.1.1.1 Market Trends
 - 8.1.1.2 Market Forecast
 - 8.1.2 Japan
 - 8.1.2.1 Market Trends
 - 8.1.2.2 Market Forecast
 - 8.1.3 India
 - 8.1.3.1 Market Trends
 - 8.1.3.2 Market Forecast
 - 8.1.4 Others
 - 8.1.4.1 Market Trends
 - 8.1.4.2 Market Forecast
- 8.2 Europe
 - 8.2.1 Germany
 - 8.2.1.1 Market Trends
 - 8.2.1.2 Market Forecast
 - 8.2.2 United Kingdom
 - 8.2.2.1 Market Trends
 - 8.2.2.2 Market Forecast
 - 8.2.3 France
 - 8.2.3.1 Market Trends
 - 8.2.3.2 Market Forecast
 - 8.2.4 Spain
 - 8.2.4.1 Market Trends
 - 8.2.4.2 Market Forecast

- 8.2.5 Others
 - 8.2.5.1 Market Trends
 - 8.2.5.2 Market Forecast
- 8.3 North America
 - 8.3.1 United States
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 Canada
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
- 8.4 Latin America
 - 8.4.1 Mexico
 - 8.4.1.1 Market Trends
 - 8.4.1.2 Market Forecast
 - 8.4.2 Brazil
 - 8.4.2.1 Market Trends
 - 8.4.2.2 Market Forecast
 - 8.4.3 Others
 - 8.4.3.1 Market Trends
 - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast

9 LED TUBE LIGHT 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 Showrooms and Malls
 - 9.3.3 Homes, Departmental Stores and Boutiques
 - 9.3.4 Warehouses and Parking Houses
 - 9.3.5 Hospitals and Laboratories
- 9.4 Popular Types
 - 9.4.1 LED Tube Light (Direct Fit)
 - 9.4.2 LED Tube Light (Internal Driver)
 - 9.4.3 LED Tube Light (External Driver)
- 9.5 Design Material Alternatives

- 9.5.1 Thermoplastic Housing
- 9.5.2 Extruded Aluminium Housing
- 9.5.3 Extruded Glass Housing
- 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
- 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 COMPETITIVE LANDSCAPE

- 13.3.1 Acuity Brands Inc.
 - 13.3.1.1 Company Overview
 - 13.3.1.2 Product Portfolio

- 13.3.1.3 Financials
- 13.3.1.4 SWOT Analysis
- 13.3.2 Eaton Corporation PLC
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.2.3 Financials
 - 13.3.2.4 SWOT Analysis
- 13.3.3 Foshan Electrical and Lighting Co. Ltd.
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.3.3 Financials
- 13.3.4 Iris Ohyama Inc.
 - 13.3.4.1 Company Overview
 - 13.3.4.2 Product Portfolio
- 13.3.5 Koninklijke Philips N.V.
 - 13.3.5.1 Company Overview
 - 13.3.5.2 Product Portfolio
 - 13.3.5.3 Financials
 - 13.3.5.4 SWOT Analysis
- 13.3.6 LEDVANCE GmbH (MLS Co. Ltd.)
 - 13.3.6.1 Company Overview
 - 13.3.6.2 Product Portfolio
- 13.3.7 Opple Lighting
 - 13.3.7.1 Company Overview
 - 13.3.7.2 Product Portfolio
 - 13.3.7.3 Financials
- 13.3.8 Panasonic Life Solutions India Pvt. Ltd. (Panasonic Corporation)
 - 13.3.8.1 Company Overview
 - 13.3.8.2 Product Portfolio
 - 13.3.8.3 Financials
 - 13.3.8.4 SWOT Analysis
- 13.3.9 Savant Technologies LLC
 - 13.3.9.1 Company Overview
 - 13.3.9.2 Product Portfolio
- 13.3.10 Toggled (Altair Engineering Inc.)
 - 13.3.10.1 Company Overview
 - 13.3.10.2 Product Portfolio
- 13.3.11 Yankon Lighting
 - 13.3.11.1 Company Overview

- 13.3.11.2 Product Portfolio
- 13.3.12 Zumtobel Group
 - 13.3.12.1 Company Overview
 - 13.3.12.2 Product Portfolio
 - 13.3.12.3 Financials
 - 13.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: LED Tube Light Market: Key Industry Highlights, 2023 and 2032

Table 2: Comparison of LEDs with Incandescent Bulb and Compact Fluorescent Lamps (Based on Energy Efficiency and Environmental Impact)

Table 3: Comparison of LEDs with Incandescent Bulb and Compact Fluorescent Lamps (Based on Luminous Flux)

Table 4: LED Tube Light Industry: Price Indicators

Table 5: Global: LED Tube Light Market Forecast: Breakup by Tube Type (in Million US\$), 2024-2032

Table 6: Global: LED Tube Light Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 7: Global: LED Tube Light Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 8: LED Tube Light Manufacturing Plant: Costs Related to Land and Site Development (in US\$)

Table 9: LED Tube Light Manufacturing Plant: Costs Related to Civil Works (in US\$)

Table 10: LED Tube Light Manufacturing Plant: Costs Related to Plant Machinery (in US\$)

Table 11: LED Tube Light Manufacturing Plant: Raw Material Requirements and Expenditures

Table 12: LED Tube Light Manufacturing Plant: Costs Related to Salaries and Wages (in US\$)

Table 13: LED Tube Light Manufacturing Plant: Costs Related to Other Capital Investments (in US\$)

Table 14: Details of Financial Assistance Offered by Financial Institutions in India

Table 15: LED Tube Light Manufacturing Plant: Capital Costs (in US\$)

Table 16: LED Tube Light Manufacturing Plant: Techno-Economic Parameters

Table 17: LED Tube Light Manufacturing Plant: Taxation (in US\$/Year)

Table 18: LED Tube Light Manufacturing Plant: Depreciation (in US\$/Year)

Table 19: LED Tube Light Manufacturing Plant: Income Projections (in US\$)

Table 20: LED Tube Light Manufacturing Plant: Expenditure Projections (in US\$)

Table 21: LED Tube Light Manufacturing Plant: Cash Flow Analysis Without Considering the Taxes

Table 22: LED Tube Light Manufacturing Plant: Cash Flow Analysis on Considering the Tax Liability

Table 23: LED Tube Light Manufacturing Plant: Profit and Loss Account (in US\$)

Table 24: Global: LED Tube Light Market: Competitive Structure

Table 25: Global: LED Tube Light Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: LED Tube Light Market: Major Drivers and Challenges

Figure 2: Global: LED Tube Light Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: LED Tube Light Market: Breakup by Tube Type (in %), 2023

Figure 4: Global: LED Tube Light Market: Breakup by Application (in %), 2023

Figure 5: Global: LED Tube Light Market: Breakup by Region (in %), 2023

Figure 6: Global: LED Tube Light Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 7: Global: LED Tube Light Industry: SWOT Analysis

Figure 8: Global: LED Tube Light Industry: Value Chain Analysis

Figure 9: Global: LED Tube Light Industry: Porter's Five Forces Analysis

Figure 10: LED Tube Light Industry: Operating Cost Breakup (in %)

Figure 11: Global: LED Tube Light (T5) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: LED Tube Light (T5) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: LED Tube Light (T8) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: LED Tube Light (T8) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: LED Tube Light (T12) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: LED Tube Light (T12) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: LED Tube Light (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: LED Tube Light (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: LED Tube Light (Residential) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: LED Tube Light (Residential) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: LED Tube Light (Office) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: LED Tube Light (Office) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: LED Tube Light (Industrial) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: LED Tube Light (Industrial) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: LED Tube Light (Hospitality) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: LED Tube Light (Hospitality) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: LED Tube Light (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: LED Tube Light (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Asia Pacific: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Asia Pacific: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: China: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: China: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: India: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: India: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Japan: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Japan: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Rest of Asia Pacific: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Rest of Asia Pacific: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Europe: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Europe: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: Germany: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Germany: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: United Kingdom: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: United Kingdom: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: France: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: France: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Spain: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Spain: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Rest of Europe: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Rest of Europe: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: North America: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: North America: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: United States: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: United States: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Canada: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Canada: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Latin America: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Latin America: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Mexico: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Mexico: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Brazil: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Brazil: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Rest of Latin America: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Rest of Latin America: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Middle East and Africa: LED Tube Light Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Middle East and Africa: LED Tube Light Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: LED Tube Light Manufacturing: Various Types of Units Operation Involved

Figure 68: LED Tube Light Manufacturing: Various Types of Units Operation Involved

Figure 69: LED Tube Light Manufacturing Plant: Breakup of Capital Costs (in %)

Figure 70: LED Tube Light Industry: Margins Across Various Stages of the Supply Chain

Figure 71: LED Tube Light Manufacturing Plant: Breakup of Operating Costs (in %)

I would like to order

Product name: LED Tube Light Market Report by Tube Type (T5, T8, T12, and Others), Application (Residential, Office, Industrial, Hospitality, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/L062D992CDD2EN.html>

Price: US\$ 3,899.00 (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/L062D992CDD2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

