

Dimmer and Color Tunable Market Set for Dynamic Growth by 2031: A Forecast Overview

*Dimmer and Color Tunable Market
Expected to Reach \$27 Billion by
2031—Allied Market Research*

WILMINGTON, DE, UNITED STATES, October 21, 2024 /EINPresswire.com/ -- Allied Market Research, titled, "[Dimmer and Color Tunable Market](#)," The dimmer and color tunable market was valued at \$12.4 billion in 2021, and is estimated to reach \$27 billion by 2031, growing at a CAGR of 8.5% from 2022 to 2031.



Dimmer and Color Tunable Market

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A dimmer is a device that is used to control the brightness of a light. It does this by reducing the amount of electrical current that is supplied to the light, which in turn reduces the amount of light that is produced. A dimmer can be used with any type of light, including incandescent, fluorescent, and LED lights. A color tunable light is a type of light that can be adjusted to produce different colors of light. This is typically achieved by using a combination of different colors of LEDs, or by using filters to change the color of the light. Color tunable lights are often used in settings where the color of the light needs to be changed to match a particular mood or atmosphere,

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Wireless voice-controlled dimmer and color tunable are the upcoming trends of the Dimmer and Color Tunable Market in the world.”

Allied Market Research

such as in stage lighting or in home theaters. They can also be used to help with tasks that require different colors of light, such as in photography studios or scientific laboratories.

Dimmer and color tunable lighting are increasingly used in vertical farming, to control the intensity and spectrum of light for different stages of plant growth. For example, during the vegetative stage, plants typically require more blue light, while during the flowering stage, they require more red light. By using the dimmer and color tunable lights, farmers can provide the

specific light spectrum that their plants need at each stage of growth, which can help to optimize plant health and yield. Additionally, dimming the lights can also help to reduce energy consumption and costs.

Prime vendors in the dimmer and color tunable market are utilizing the product in various industries to improve the work environment and increase productivity. In retail, dimmer and color tunable lights are used to create different moods or showcase products in the best light. In manufacturing, dimmer and color tunable lights help to improve the visibility of the work area, which can help to increase productivity, reduce the risk of mistakes or accidents, and increase the dimmer and color tunable market size.

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In offices, dimmer and color tunable lights are used to create a comfortable and productive work environment. For example, using cooler white light during the day can help to increase alertness and concentration, while using warmer white light in the evening can help to reduce eye strain and improve sleep quality eventually increasing the [dimmer and color tunable market share](#). In hospitality, dimmer and color tunable lights are used to create different ambiances in different areas of a hotel or restaurant, such as a cozy and pleasant atmosphere in a lounge or a bright and energetic atmosphere in a fitness center. Overall, dimmer and color tunable lights provide a wide range of benefits in different industries by creating a better work environment and reducing energy consumption. These are the few dimmer and color tunable market trends witnessed during the forecast period.

The development of wireless voice-controlled dimmer and color tunable, integration of dimmer and color tunable with other smart home devices, and increased use of smart lighting for energy conservation are important factors influencing the growth of the global dimmer and color tunable industry. The market for dimmer and color tunable is anticipated to grow significantly during the forecast period. Additionally, technological advancements in the Internet of things (IoT), home automation, and LED lighting are anticipated to present huge opportunities for the expansion of the dimmer and color tunable market during the forecast period. The dimmer and color-tunable market, on the other hand, is being held back by rising costs, incompatibility with present lighting systems, a delayed uptake of smart home technologies, and competition from alternative lighting systems.

Among products, the dimmer segment was the highest contributor to the market in 2021. Among type, the light emitting diode (LED) segment was the highest revenue contributor in 2021. The surge in demand for dimmer and color-tunable in sectors such as commercial, residential, and others globally has led to the growth of the market. Among applications, the industrial segment was the highest contributor to the market in 2021, and the residential segment is expected to provide a notable market share during the forecast period.

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- In 2021, the dimmer segment accounted for maximum revenue and is projected to grow at a notable CAGR of 7.88% during the dimmer and color-tunable market analysis.
- The color tunable segment is estimated to reach \$million by 2031, at a significant CAGR of 9.05% during the forecast period.
- The industrial segment was the highest revenue contributor to the market in 2021.
- The light-emitting diode (led) segment was the highest revenue contributor to the market, with a CAGR of 10.32%.
- Asia-Pacific and North America collectively accounted for around 63.79% share in 2021.

The key players profiled in the report include AUCITY BRANDS, INC., Cree Lighting, Eaton Corporation, Honeywell International Inc., Hubbell, Koninklijke Philips N.V, Legrand, Lite-Puter, Lutron Electronics Inc, and OSRAM GmbH. Market players have adopted various strategies such as product launch, collaboration, partnership, joint venture, and acquisition to expand their foothold in the [dimmer and color tunable market growth](#).

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