

Global Horticultural LED Lighting Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Horticultural LED Lighting market size is expected to reach \$ 3143 million by 2032, rising at a market growth of 12.7% CAGR during the forecast period (2026-2032).

Horticultural LED Lighting is composed of light-emitting diodes, usually in a casing with a heat sink and built-in fans. Horticultural LED Lights do not usually require separate ballast and can be plugged directly into a standard electrical socket. Horticultural LED Lighting can act as daylight in the absence of sunlight, so that plants can be normal or better growth and development. Horticultural LED Lights have strong roots, encourage, adjust the flowering, color, to promote fruit ripening, color, and enhance the taste and quality of the role.

Philips, General Electric and Osram are the leading players in gardening LED lighting, which together account for about 30% of the market.

Europe and North America are the major markets, each accounting for about 35% of the market.

This report studies the global Horticultural LED Lighting production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Horticultural LED Lighting and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Horticultural LED Lighting that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Horticultural LED Lighting total production and demand, 2021-2032, (K Units)
Global Horticultural LED Lighting total production value, 2021-2032, (USD Million)
Global Horticultural LED Lighting production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)
Global Horticultural LED Lighting consumption by region & country, CAGR, 2021-2032 & (K Units)
U.S. VS China: Horticultural LED Lighting domestic production, consumption, key domestic manufacturers and share
Global Horticultural LED Lighting production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)
Global Horticultural LED Lighting production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)
Global Horticultural LED Lighting production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Horticultural LED Lighting market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Philips, Osram, Everlight Electronics, Hubbell Lighting, Cree, General Electric, Gavita, Kessil, Fionia Lighting, Illumitex, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Horticultural LED Lighting market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Horticultural LED Lighting Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Horticultural LED Lighting Market, Segmentation by Type:

Low Power ($\leq 300\text{W}$)

High Power (>300W)

Global Horticultural LED Lighting Market, Segmentation by Application:

Commercial Greenhouse

Indoor and Vertical Farming

R&D

Companies Profiled:

Philips

Osram

Everlight Electronics

Hubbell Lighting

Cree

General Electric

Gavita

Kessil

Fionia Lighting

Illumitex

Lumigrow

Valoya

Cidly

Heliospectra AB

Ohmax Optoelectronic

Key Questions Answered:

1. How big is the global Horticultural LED Lighting market?
2. What is the demand of the global Horticultural LED Lighting market?
3. What is the year over year growth of the global Horticultural LED Lighting market?
4. What is the production and production value of the global Horticultural LED Lighting market?
5. Who are the key producers in the global Horticultural LED Lighting market?
6. What are the growth factors driving the market demand?

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