

# Horticultural LED Lighting Industry Research Report 2024

<https://marketpublishers.com/r/H0D91E3CFB7CEN.html>

Date: April 2024

Pages: 135

Price: US\$ 2,950.00 (Single User License)

ID: H0D91E3CFB7CEN

## Abstracts

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.

According to APO Research, The global Horticultural LED Lighting market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

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.

### Report Scope

This report aims to provide a comprehensive presentation of the global market for Horticultural LED Lighting, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Horticultural LED Lighting.

The report will help the Horticultural LED Lighting manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Horticultural LED Lighting market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Horticultural LED Lighting market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Philips

Osram

Everlight Electronics

Hubbell Lighting

Cree

General Electric

Gavita

Kessil

Fionia Lighting

Illumitex

Lumigrow

Valoya

Cidly

Heliospectra AB

Ohmax Optoelectronic

#### Horticultural LED Lighting segment by Type

Low Power (<300W)

High Power (>300W)

#### Horticultural LED Lighting segment by Application

Commercial Greenhouse

Indoor and Vertical Farming

R&D

#### Horticultural LED Lighting Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Horticultural LED Lighting market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Horticultural LED Lighting and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor

ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Horticultural LED Lighting.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Horticultural LED Lighting manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Horticultural LED Lighting by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Horticultural LED Lighting in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Horticultural LED Lighting by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Low Power (<math><300W</math>)
  - 2.2.3 High Power (>math>>300W</math>)
- 2.3 Horticultural LED Lighting by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Commercial Greenhouse
  - 2.3.3 Indoor and Vertical Farming
  - 2.3.4 R&D
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Horticultural LED Lighting Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global Horticultural LED Lighting Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global Horticultural LED Lighting Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global Horticultural LED Lighting Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Horticultural LED Lighting Production by Manufacturers (2019-2024)
- 3.2 Global Horticultural LED Lighting Production Value by Manufacturers (2019-2024)
- 3.3 Global Horticultural LED Lighting Average Price by Manufacturers (2019-2024)



3.4 Global Horticultural LED Lighting Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

3.5 Global Horticultural LED Lighting Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Horticultural LED Lighting Manufacturers, Product Type & Application

3.7 Global Horticultural LED Lighting Manufacturers, Date of Enter into This Industry

3.8 Global Horticultural LED Lighting Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Philips

4.1.1 Philips Horticultural LED Lighting Company Information

4.1.2 Philips Horticultural LED Lighting Business Overview

4.1.3 Philips Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.1.4 Philips Product Portfolio

4.1.5 Philips Recent Developments

### 4.2 Osram

4.2.1 Osram Horticultural LED Lighting Company Information

4.2.2 Osram Horticultural LED Lighting Business Overview

4.2.3 Osram Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.2.4 Osram Product Portfolio

4.2.5 Osram Recent Developments

### 4.3 Everlight Electronics

4.3.1 Everlight Electronics Horticultural LED Lighting Company Information

4.3.2 Everlight Electronics Horticultural LED Lighting Business Overview

4.3.3 Everlight Electronics Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.3.4 Everlight Electronics Product Portfolio

4.3.5 Everlight Electronics Recent Developments

### 4.4 Hubbell Lighting

4.4.1 Hubbell Lighting Horticultural LED Lighting Company Information

4.4.2 Hubbell Lighting Horticultural LED Lighting Business Overview

4.4.3 Hubbell Lighting Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.4.4 Hubbell Lighting Product Portfolio

4.4.5 Hubbell Lighting Recent Developments

#### 4.5 Cree

4.5.1 Cree Horticultural LED Lighting Company Information

4.5.2 Cree Horticultural LED Lighting Business Overview

4.5.3 Cree Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.5.4 Cree Product Portfolio

4.5.5 Cree Recent Developments

#### 4.6 General Electric

4.6.1 General Electric Horticultural LED Lighting Company Information

4.6.2 General Electric Horticultural LED Lighting Business Overview

4.6.3 General Electric Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.6.4 General Electric Product Portfolio

4.6.5 General Electric Recent Developments

#### 4.7 Gavita

4.7.1 Gavita Horticultural LED Lighting Company Information

4.7.2 Gavita Horticultural LED Lighting Business Overview

4.7.3 Gavita Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.7.4 Gavita Product Portfolio

4.7.5 Gavita Recent Developments

#### 4.8 Kessil

4.8.1 Kessil Horticultural LED Lighting Company Information

4.8.2 Kessil Horticultural LED Lighting Business Overview

4.8.3 Kessil Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.8.4 Kessil Product Portfolio

4.8.5 Kessil Recent Developments

#### 4.9 Fionia Lighting

4.9.1 Fionia Lighting Horticultural LED Lighting Company Information

4.9.2 Fionia Lighting Horticultural LED Lighting Business Overview

4.9.3 Fionia Lighting Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

4.9.4 Fionia Lighting Product Portfolio

4.9.5 Fionia Lighting Recent Developments

#### 4.10 Illumitex

4.10.1 Illumitex Horticultural LED Lighting Company Information

4.10.2 Illumitex Horticultural LED Lighting Business Overview

4.10.3 Illumitex Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)

- 4.10.4 Illumitex Product Portfolio
- 4.10.5 Illumitex Recent Developments
- 4.11 Lumigrow
  - 4.11.1 Lumigrow Horticultural LED Lighting Company Information
  - 4.11.2 Lumigrow Horticultural LED Lighting Business Overview
  - 4.11.3 Lumigrow Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)
  - 4.11.4 Lumigrow Product Portfolio
  - 4.11.5 Lumigrow Recent Developments
- 4.12 Valoya
  - 4.12.1 Valoya Horticultural LED Lighting Company Information
  - 4.12.2 Valoya Horticultural LED Lighting Business Overview
  - 4.12.3 Valoya Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)
  - 4.12.4 Valoya Product Portfolio
  - 4.12.5 Valoya Recent Developments
- 4.13 Cidly
  - 4.13.1 Cidly Horticultural LED Lighting Company Information
  - 4.13.2 Cidly Horticultural LED Lighting Business Overview
  - 4.13.3 Cidly Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)
  - 4.13.4 Cidly Product Portfolio
  - 4.13.5 Cidly Recent Developments
- 4.14 Heliospectra AB
  - 4.14.1 Heliospectra AB Horticultural LED Lighting Company Information
  - 4.14.2 Heliospectra AB Horticultural LED Lighting Business Overview
  - 4.14.3 Heliospectra AB Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)
  - 4.14.4 Heliospectra AB Product Portfolio
  - 4.14.5 Heliospectra AB Recent Developments
- 4.15 Ohmax Optoelectronic
  - 4.15.1 Ohmax Optoelectronic Horticultural LED Lighting Company Information
  - 4.15.2 Ohmax Optoelectronic Horticultural LED Lighting Business Overview
  - 4.15.3 Ohmax Optoelectronic Horticultural LED Lighting Production, Value and Gross Margin (2019-2024)
  - 4.15.4 Ohmax Optoelectronic Product Portfolio
  - 4.15.5 Ohmax Optoelectronic Recent Developments

## **5 GLOBAL HORTICULTURAL LED LIGHTING PRODUCTION BY REGION**

5.1 Global Horticultural LED Lighting Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.2 Global Horticultural LED Lighting Production by Region: 2019-2030

5.2.1 Global Horticultural LED Lighting Production by Region: 2019-2024

5.2.2 Global Horticultural LED Lighting Production Forecast by Region (2025-2030)

5.3 Global Horticultural LED Lighting Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.4 Global Horticultural LED Lighting Production Value by Region: 2019-2030

5.4.1 Global Horticultural LED Lighting Production Value by Region: 2019-2024

5.4.2 Global Horticultural LED Lighting Production Value Forecast by Region (2025-2030)

5.5 Global Horticultural LED Lighting Market Price Analysis by Region (2019-2024)

5.6 Global Horticultural LED Lighting Production and Value, YOY Growth

5.6.1 North America Horticultural LED Lighting Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe Horticultural LED Lighting Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Horticultural LED Lighting Production Value Estimates and Forecasts (2019-2030)

5.6.4 Japan Horticultural LED Lighting Production Value Estimates and Forecasts (2019-2030)

5.6.5 South Korea Horticultural LED Lighting Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL HORTICULTURAL LED LIGHTING CONSUMPTION BY REGION**

6.1 Global Horticultural LED Lighting Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Horticultural LED Lighting Consumption by Region (2019-2030)

6.2.1 Global Horticultural LED Lighting Consumption by Region: 2019-2030

6.2.2 Global Horticultural LED Lighting Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Horticultural LED Lighting Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Horticultural LED Lighting Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

## 6.4 Europe

6.4.1 Europe Horticultural LED Lighting Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Horticultural LED Lighting Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

## 6.5 Asia Pacific

6.5.1 Asia Pacific Horticultural LED Lighting Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Horticultural LED Lighting Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

## 6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Horticultural LED Lighting Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Horticultural LED Lighting Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## 7 SEGMENT BY TYPE

7.1 Global Horticultural LED Lighting Production by Type (2019-2030)

7.1.1 Global Horticultural LED Lighting Production by Type (2019-2030) & (K Units)

7.1.2 Global Horticultural LED Lighting Production Market Share by Type (2019-2030)

7.2 Global Horticultural LED Lighting Production Value by Type (2019-2030)

7.2.1 Global Horticultural LED Lighting Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Horticultural LED Lighting Production Value Market Share by Type

(2019-2030)

7.3 Global Horticultural LED Lighting Price by Type (2019-2030)

## **8 SEGMENT BY APPLICATION**

8.1 Global Horticultural LED Lighting Production by Application (2019-2030)

8.1.1 Global Horticultural LED Lighting Production by Application (2019-2030) & (K Units)

8.1.2 Global Horticultural LED Lighting Production by Application (2019-2030) & (K Units)

8.2 Global Horticultural LED Lighting Production Value by Application (2019-2030)

8.2.1 Global Horticultural LED Lighting Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Horticultural LED Lighting Production Value Market Share by Application (2019-2030)

8.3 Global Horticultural LED Lighting Price by Application (2019-2030)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

9.1 Horticultural LED Lighting Value Chain Analysis

9.1.1 Horticultural LED Lighting Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Horticultural LED Lighting Production Mode & Process

9.2 Horticultural LED Lighting Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Horticultural LED Lighting Distributors

9.2.3 Horticultural LED Lighting Customers

## **10 GLOBAL HORTICULTURAL LED LIGHTING ANALYZING MARKET DYNAMICS**

10.1 Horticultural LED Lighting Industry Trends

10.2 Horticultural LED Lighting Industry Drivers

10.3 Horticultural LED Lighting Industry Opportunities and Challenges

10.4 Horticultural LED Lighting Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

## I would like to order

Product name: Horticultural LED Lighting Industry Research Report 2024

Product link: <https://marketpublishers.com/r/H0D91E3CFB7CEN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H0D91E3CFB7CEN.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