

# LED Horticulture Lighting Market - Forecasts from 2019 to 2024

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## Abstracts

LED horticulture lighting market is projected to grow at a CAGR of 33.04% during the forecast period, reaching a total market size of US\$7.989 billion in 2024 from US\$1.441 billion in 2018. Horticulture is a segment of agriculture in which plants are cultivated on a smaller scale and in a more controlled manner. Other artificial light sources such as fluorescent lamps, high-pressure sodium, and metal-halide are inefficient and have a short life while difficult to control wavelengths arising from photosynthesis and morphogenesis. As a result, LED lights are being considered the most promising type of horticulture lighting as it is energy-efficient and stimulate plant growth and development in a better way. Growing global food insecurity is escalating the adoption of horticulture activities which, in turn, is driving the demand for LED horticulture lights. The growing popularity of controlled urban farming due to increasing population and limited agriculture land is boosting the growth of LED horticulture lighting market. Growing concern about global warming is further putting pressure to opt for horticulture options as LED lights make plants less vulnerable to the threat of climate change.

The “LED Horticulture lighting Market – Forecasts from 2019 to 2024” is an exhaustive study which aims to present the key market trends through various chapters focusing on different aspects of the market. The study provides a detailed market overview through the market dynamics sections which detail key market, drivers, restraints, and opportunities in the current market. The report analyzes key opportunity regional markets, and the current technology penetration through lifecycle analysis. The report also analyzes the market through comprehensive market segmentation by crop type, application, and geography.

The LED horticulture lighting market on segmented based on crop type, application, and geography. By crop type, the market has been segmented into leafy greens, flowers

and ornamental, specialty crops, and others. By application, the market has been classified into greenhouses, indoor/vertical farming, and consumer.

Regional analysis has been provided with detailed analysis and forecast for the period 2018 to 2024. The global market has been broken down into North America, South America, Europe, Middle East and Africa, and Asia Pacific regions. The report also analyzes 15 countries across these regions with thorough analysis and forecast along with prevailing market trends and opportunities which each of these countries present for the manufacturers.

Major players in the LED horticulture lighting market have been covered along with their relative competitive position and strategies. The report also mentions recent deals and investments of different market players over the last year. The company profiles section details the business overview, financial performance for the past three years, key products and services being offered along with the recent developments of these important players in the LED horticulture lighting market.

Segmentation:

#### By Crop Type

Leafy Greens

Flowers and Ornamental

Specialty Crops

Others

#### By Application

Greenhouses

Indoor/Vertical Farming

Consumer

#### By Geography

## North America

USA

Canada

Mexico

## South America

Brazil

Argentina

Others

## Europe

Germany

France

United Kingdom

Spain

Others

## Middle East and Africa

Israel

Saudi Arabia

Others

## Asia Pacific

China

Japan

South Korea

India

Others

## Contents

### **1. INTRODUCTION**

- 1.1. Market Overview
- 1.2. Market Definition
- 1.3. Scope of the Study
- 1.4. Currency
- 1.5. Assumptions
- 1.6. Base, and Forecast Years Timeline

### **2. RESEARCH METHODOLOGY**

- 2.1. Research Design
- 2.2. Secondary Sources

### **3. EXECUTIVE SUMMARY**

### **4. MARKET DYNAMICS**

- 4.1. Market Segmentation
- 4.2. Market Drivers
- 4.3. Market Restraints
- 4.4. Market Opportunities
- 4.5. Porter's Five Force Analysis
  - 4.5.1 Bargaining Power of Suppliers
  - 4.5.2 Bargaining Power of Buyers
  - 4.5.3 Threat of New Entrants
  - 4.5.4 Threat of Substitutes
  - 4.5.5 Competitive Rivalry in the Industry
- 4.6. Life Cycle Analysis - Regional Snapshot
- 4.7. Market Attractiveness

### **5. LED HORTICULTURE LIGHTING MARKET BY CROP TYPE**

- 5.1. Fruits & Vegetables
- 5.2. Flowers and Ornamental
- 5.3. Specialty Crops
- 5.4. Others

## **6. LED HORTICULTURE LIGHTING MARKET BY APPLICATION**

- 6.1. Greenhouses
- 6.2. Vertical/Indoor Farming
- 6.3. Consumer

## **7. LED HORTICULTURE LIGHTING MARKET BY GEOGRAPHY**

- 7.1. North America
  - 7.1.1. USA
  - 7.1.2. Canada
  - 7.1.3. Mexico
- 7.2. South America
  - 7.2.1. Brazil
  - 7.2.2. Argentina
  - 7.2.3. Others
- 7.3. Europe
  - 7.3.1. Germany
  - 7.3.2. France
  - 7.3.3. United Kingdom
  - 7.3.4. Spain
  - 7.3.5. Others
- 7.4. Middle East and Africa
  - 7.4.1. Israel
  - 7.4.2. Saudi Arabia
  - 7.4.3. Others
- 7.5. Asia Pacific
  - 7.5.1. China
  - 7.5.2. Japan
  - 7.5.3. South Korea
  - 7.5.4. India
  - 7.5.5. Others

## **8. COMPETITIVE INTELLIGENCE**

- 8.1. Market Positioning Matrix and Ranking
- 8.2. Recent Investment and Deals
- 8.3. Strategies of Key Players

## **9. COMPANY PROFILES**

- 9.1. OSRAM Opto Semiconductors GmbH
- 9.2. Signify Holding
- 9.3. Luminus, Inc.
- 9.4. SAMSUNG
- 9.5. Lumileds Holding B.V.
- 9.6. EVERLIGHT ELECTRONICS CO., LTD.
- 9.7. LumiGrow
- 9.8. Heliospectra AB
- 9.9. Valoya
- 9.10. Illumitex

**LIST OF FIGURES**

**LIST OF TABLES**

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