

# LED Farming Market - 2025

<https://marketpublishers.com/r/L3BCDDE03E27EN.html>

Date: April 2026

Pages: 200

Price: US\$ 2,999.00 (Single User License)

ID: L3BCDDE03E27EN

## Abstracts

The LED Farming Market was valued at \$ 8,192 million in 2025 and is anticipated to reach by , at a CAGR of 0.1112 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the LED Farming Market.

This report delivers a comprehensive overview of the LED Farming Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding LED Farming Market. The LED Farming Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–.

LED Farming Market Scope:

By Wavelength

Red Wavelength

Blue Wavelength

Far Red Wavelength

## By Crop

Fruits and Vegetables

Herbs and Microgreens

Flowers and Ornamentals

Others

## By Application

Vertical Farming

Indoor Farming

Commercial Greenhouse

Turf and Landscaping

## Key Players

Koninklijke Philips N.V.

Gavita International B.V.

General Electric Company

OSRAM Opto Semiconductors GmbH

Heliospectra AB

Hortilux Schreder B.V.DMK Group

Illumitex

LumiGrow

Smart Grow Systems, Inc.

Hubbell

## Major Highlights

This report delivers a comprehensive overview of the LED Farming Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding LED Farming Market. The LED Farming Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

## Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

## Partner Identification

Increase Your Customer Base by 3X using our Partner Identification tool

Uncover strategic collaboration opportunities with DataM vetted partners aligned to your ecosystem.

Identify high potential M&A targets based on synergies, market positioning and growth trajectory.

Prioritize partners by strategic fit rather than general capability.

## Why Choose DataM?

**Data-Driven Insights:** Dive into detailed analyses with granular insights such as pricing, market shares and value chain evaluations, enriched by interviews with industry leaders and disruptors.

**Post-Purchase Support and Expert Analyst Consultations:** As a valued client, gain direct access to our expert analysts for personalized advice and strategic guidance, tailored to your specific needs and challenges.

**White Papers and Case Studies:** Benefit quarterly from our in-depth studies related to your purchased titles, tailored to refine your operational and marketing strategies for maximum impact.

**Annual Updates on Purchased Reports:** As an existing customer, enjoy the privilege of annual updates to your reports, ensuring you stay abreast of the latest market insights and technological advancements. Terms and conditions apply.

**Specialized Focus on Emerging Markets:** DataM differentiates itself by delivering in-depth, specialized insights specifically for emerging markets, rather than offering generalized geographic overviews. This approach equips our clients with a nuanced understanding and actionable intelligence that are essential for navigating and succeeding in high-growth regions.

**Value of DataM Reports:** Our reports offer specialized insights tailored to the

latest trends and specific business inquiries. This personalized approach provides a deeper, strategic perspective, ensuring you receive the precise information necessary to make informed decisions. These insights complement and go beyond what is typically available in generic databases.

## Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

## Contents

### **1. SCOPE AND METHODOLOGY**

- 1.1. Research Methodology
- 1.2. Scope of the Market

### **2. KEY TRENDS AND DEVELOPMENTS**

### **3. EXECUTIVE SUMMARY**

- 3.1. Market Snippet by Wavelength
- 3.2. Market Snippet by Crop
- 3.3. Market Snippet by Application
- 3.4. Market Snippet by Region

### **4. MARKET DYNAMICS**

- 4.1. Market impacting factors
  - 4.1.1. Drivers
  - 4.1.2. Restraints
  - 4.1.3. Opportunities
- 4.2. Impact analysis

### **5. INDUSTRY ANALYSIS**

- 5.1. Porter's five forces analysis
- 5.2. Supply Chain Analysis
- 5.3. Patent Analysis
- 5.4. Regulatory Analysis

### **6. BY WAVELENGTH**

- 6.1. Introduction
  - 6.1.1. Market size analysis, and y-o-y growth analysis (%), By Wavelength Segment
  - 6.1.2. Market attractiveness index, By Wavelength Segment
- 6.2. Red Wavelength\*
  - 6.2.1. Introduction
  - 6.2.2. Market Size Analysis, US\$ Million, 2020-2029 And Y-O-Y Growth Analysis (%)

2021-2029

6.3. Blue Wavelength

6.4. Far Red Wavelength

## **7. BY CROP**

7.1. Introduction

7.1.1. Market size analysis, and y-o-y growth analysis (%), By Crop Segment

7.1.2. Market attractiveness index, By Crop Segment

7.2. Fruits and Vegetables\*

7.2.1. Introduction

7.2.2. Market Size Analysis, US\$ Million, 2020-2029 And Y-O-Y Growth Analysis (%),  
2021-2029

7.3. Herbs and Microgreens

7.4. Flowers and Ornamentals

7.5. Others

## **8. BY APPLICATION**

8.1. Introduction

8.1.1. Market size analysis, and y-o-y growth analysis (%), By Application Segment

8.1.2. Market attractiveness index, By Application Segment

8.2. Vertical Farming \*

8.2.1. Introduction

8.2.2. Market Size Analysis, US\$ Million, 2020-2029 And Y-O-Y Growth Analysis (%),  
2021-2029

8.3. Indoor Farming

8.4. Commercial Greenhouse

8.5. Turf and Landscaping

## **9. BY REGION**

9.1. Introduction

9.1.1. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Region

9.1.2. Market Attractiveness Index, By Region

9.2. North America

9.2.1. Introduction

9.2.2. Key region-specific dynamics

9.2.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Wavelength

- 9.2.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Crop
- 9.2.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Application
- 9.2.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country
  - 9.2.6.1. U.S.
  - 9.2.6.2. Canada
  - 9.2.6.3. Mexico
- 9.3. South America
  - 9.3.1. Introduction
  - 9.3.2. Key Region-Specific Dynamics
  - 9.3.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Wavelength
  - 9.3.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Crop
  - 9.3.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Application
  - 9.3.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country
    - 9.3.6.1. Brazil
    - 9.3.6.2. Argentina
    - 9.3.6.3. Rest of South America
- 9.4. Europe
  - 9.4.1. Introduction
  - 9.4.2. Key Region-Specific Dynamics
  - 9.4.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Wavelength
  - 9.4.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Crop
  - 9.4.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Application
  - 9.4.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country
    - 9.4.6.1. Germany
    - 9.4.6.2. U.K.
    - 9.4.6.3. France
    - 9.4.6.4. Spain
    - 9.4.6.5. Italy
    - 9.4.6.6. Rest of Europe
- 9.5. Asia Pacific
  - 9.5.1. Introduction
  - 9.5.2. Key Region-Specific Dynamics
  - 9.5.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Wavelength
  - 9.5.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Crop
  - 9.5.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Application
  - 9.5.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country
    - 9.5.6.1. China
    - 9.5.6.2. India
    - 9.5.6.3. Japan

9.5.6.4. Australia

9.5.6.5. Rest of Asia Pacific

## 9.6. Middle East and Africa

9.6.1. Introduction

9.6.2. Key Region-Specific Dynamics

9.6.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Wavelength

9.6.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Crop

9.6.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Application

## 10. COMPETITIVE LANDSCAPE

10.1.1. Competitive scenario

10.1.2. Competitor strategy analysis

10.1.3. Market positioning/share analysis

10.1.4. Mergers and acquisitions analysis

## 11. COMPANY PROFILES

11.1. Koninklijke Philips N.V. \*

11.1.1. Company Overview

11.1.2. Wavelength Portfolio and Description

11.1.3. Key Highlights

11.1.4. Financial Overview

11.2. Gavita International B.V.

11.3. General Electric Company

11.4. OSRAM Opto Semiconductors GmbH

11.5. Heliospectra AB

11.6. Hortilux Schreder B.V.DMK Group

11.7. Illumitex

11.8. LumiGrow

11.9. Smart Grow Systems, Inc.

11.10. Hubbell

## 12. DATAM INTELLIGENCE

12.1. Appendix

12.2. About us and services

12.3. Contact us

## I would like to order

Product name: LED Farming Market - 2025

Product link: <https://marketpublishers.com/r/L3BCDDE03E27EN.html>

Price: US\$ 2,999.00 (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/L3BCDDE03E27EN.html>