

# Global Pedestrian Detection Lighting Systems Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Pedestrian Detection Lighting Systems market size was valued at US\$ 2510 million in 2024 and is forecast to a readjusted size of USD 3754 million by 2031 with a CAGR of 6.1% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Pedestrian Detection Lighting Systems are advanced vehicle safety technologies that integrate pedestrian detection sensors (such as cameras, LiDAR, or radar) with adaptive lighting systems to enhance visibility of pedestrians, particularly in low-light or night-time conditions. When a pedestrian is detected within or near the vehicle's path, the system automatically adjusts or intensifies the vehicle's headlights—such as by widening the light beam, increasing brightness, or focusing illumination directly on the pedestrian—to alert both the driver and the pedestrian, thereby reducing the risk of accidents. These systems are often part of broader advanced driver-assistance systems (ADAS) aimed at improving road safety.

This report is a detailed and comprehensive analysis for global Pedestrian Detection Lighting Systems market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market

share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Pedestrian Detection Lighting Systems market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Pedestrian Detection Lighting Systems market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Pedestrian Detection Lighting Systems market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Pedestrian Detection Lighting Systems market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Pedestrian Detection Lighting Systems

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Pedestrian Detection Lighting Systems market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Valeo, Koito, Sumitomo, Denso, Bosch, Iteris, LightGuard, Polara, Cyclone, AEC Illuminazione, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

## **Market Segmentation**

Pedestrian Detection Lighting Systems market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Camera-Based

Infrared-Based

Radar-Based

### Market segment by Application

Automotive

Infrastructural

Industrial

Others

### Major players covered

Valeo

Koito

Sumitomo

Denso

Bosch

Iteris

LightGuard

Polara

Cyclone

AEC Illuminazione

LEOTEK

Senstar

Kocchi

Heshams

LeddarTech

FHOSS Safety

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Pedestrian Detection Lighting Systems product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Pedestrian Detection Lighting Systems, with price, sales quantity, revenue, and global market share of Pedestrian Detection Lighting Systems from 2020 to 2025.

Chapter 3, the Pedestrian Detection Lighting Systems competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Pedestrian Detection Lighting Systems breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Pedestrian Detection Lighting Systems market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Pedestrian Detection Lighting Systems.

Chapter 14 and 15, to describe Pedestrian Detection Lighting Systems sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Pedestrian Detection Lighting Systems Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Camera-Based

1.3.3 Infrared-Based

1.3.4 Radar-Based

1.4 Market Analysis by Application

1.4.1 Overview: Global Pedestrian Detection Lighting Systems Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Automotive

1.4.3 Infrastructural

1.4.4 Industrial

1.4.5 Others

1.5 Global Pedestrian Detection Lighting Systems Market Size & Forecast

1.5.1 Global Pedestrian Detection Lighting Systems Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Pedestrian Detection Lighting Systems Sales Quantity (2020-2031)

1.5.3 Global Pedestrian Detection Lighting Systems Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Valeo

2.1.1 Valeo Details

2.1.2 Valeo Major Business

2.1.3 Valeo Pedestrian Detection Lighting Systems Product and Services

2.1.4 Valeo Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Valeo Recent Developments/Updates

2.2 Koito

2.2.1 Koito Details

2.2.2 Koito Major Business

2.2.3 Koito Pedestrian Detection Lighting Systems Product and Services

2.2.4 Koito Pedestrian Detection Lighting Systems Sales Quantity, Average Price,

## Revenue, Gross Margin and Market Share (2020-2025)

### 2.2.5 Koito Recent Developments/Updates

## 2.3 Sumitomo

### 2.3.1 Sumitomo Details

### 2.3.2 Sumitomo Major Business

### 2.3.3 Sumitomo Pedestrian Detection Lighting Systems Product and Services

### 2.3.4 Sumitomo Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.3.5 Sumitomo Recent Developments/Updates

## 2.4 Denso

### 2.4.1 Denso Details

### 2.4.2 Denso Major Business

### 2.4.3 Denso Pedestrian Detection Lighting Systems Product and Services

### 2.4.4 Denso Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.4.5 Denso Recent Developments/Updates

## 2.5 Bosch

### 2.5.1 Bosch Details

### 2.5.2 Bosch Major Business

### 2.5.3 Bosch Pedestrian Detection Lighting Systems Product and Services

### 2.5.4 Bosch Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.5.5 Bosch Recent Developments/Updates

## 2.6 Iteris

### 2.6.1 Iteris Details

### 2.6.2 Iteris Major Business

### 2.6.3 Iteris Pedestrian Detection Lighting Systems Product and Services

### 2.6.4 Iteris Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.6.5 Iteris Recent Developments/Updates

## 2.7 LightGuard

### 2.7.1 LightGuard Details

### 2.7.2 LightGuard Major Business

### 2.7.3 LightGuard Pedestrian Detection Lighting Systems Product and Services

### 2.7.4 LightGuard Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.7.5 LightGuard Recent Developments/Updates

## 2.8 Polara

### 2.8.1 Polara Details

- 2.8.2 Polara Major Business
- 2.8.3 Polara Pedestrian Detection Lighting Systems Product and Services
- 2.8.4 Polara Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Polara Recent Developments/Updates
- 2.9 Cyclone
  - 2.9.1 Cyclone Details
  - 2.9.2 Cyclone Major Business
  - 2.9.3 Cyclone Pedestrian Detection Lighting Systems Product and Services
  - 2.9.4 Cyclone Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.9.5 Cyclone Recent Developments/Updates
- 2.10 AEC Illuminazione
  - 2.10.1 AEC Illuminazione Details
  - 2.10.2 AEC Illuminazione Major Business
  - 2.10.3 AEC Illuminazione Pedestrian Detection Lighting Systems Product and Services
  - 2.10.4 AEC Illuminazione Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.10.5 AEC Illuminazione Recent Developments/Updates
- 2.11 LEOTEK
  - 2.11.1 LEOTEK Details
  - 2.11.2 LEOTEK Major Business
  - 2.11.3 LEOTEK Pedestrian Detection Lighting Systems Product and Services
  - 2.11.4 LEOTEK Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.11.5 LEOTEK Recent Developments/Updates
- 2.12 Senstar
  - 2.12.1 Senstar Details
  - 2.12.2 Senstar Major Business
  - 2.12.3 Senstar Pedestrian Detection Lighting Systems Product and Services
  - 2.12.4 Senstar Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.12.5 Senstar Recent Developments/Updates
- 2.13 Kocchi
  - 2.13.1 Kocchi Details
  - 2.13.2 Kocchi Major Business
  - 2.13.3 Kocchi Pedestrian Detection Lighting Systems Product and Services
  - 2.13.4 Kocchi Pedestrian Detection Lighting Systems Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Kocchi Recent Developments/Updates

2.14 Heshams

2.14.1 Heshams Details

2.14.2 Heshams Major Business

2.14.3 Heshams Pedestrian Detection Lighting Systems Product and Services

2.14.4 Heshams Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Heshams Recent Developments/Updates

2.15 LeddarTech

2.15.1 LeddarTech Details

2.15.2 LeddarTech Major Business

2.15.3 LeddarTech Pedestrian Detection Lighting Systems Product and Services

2.15.4 LeddarTech Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 LeddarTech Recent Developments/Updates

2.16 FHOSS Safety

2.16.1 FHOSS Safety Details

2.16.2 FHOSS Safety Major Business

2.16.3 FHOSS Safety Pedestrian Detection Lighting Systems Product and Services

2.16.4 FHOSS Safety Pedestrian Detection Lighting Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 FHOSS Safety Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: PEDESTRIAN DETECTION LIGHTING SYSTEMS BY MANUFACTURER**

3.1 Global Pedestrian Detection Lighting Systems Sales Quantity by Manufacturer (2020-2025)

3.2 Global Pedestrian Detection Lighting Systems Revenue by Manufacturer (2020-2025)

3.3 Global Pedestrian Detection Lighting Systems Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Pedestrian Detection Lighting Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Pedestrian Detection Lighting Systems Manufacturer Market Share in 2024

3.4.3 Top 6 Pedestrian Detection Lighting Systems Manufacturer Market Share in

2024

3.5 Pedestrian Detection Lighting Systems Market: Overall Company Footprint Analysis

3.5.1 Pedestrian Detection Lighting Systems Market: Region Footprint

3.5.2 Pedestrian Detection Lighting Systems Market: Company Product Type Footprint

3.5.3 Pedestrian Detection Lighting Systems Market: Company Product Application

Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Pedestrian Detection Lighting Systems Market Size by Region

4.1.1 Global Pedestrian Detection Lighting Systems Sales Quantity by Region  
(2020-2031)

4.1.2 Global Pedestrian Detection Lighting Systems Consumption Value by Region  
(2020-2031)

4.1.3 Global Pedestrian Detection Lighting Systems Average Price by Region  
(2020-2031)

4.2 North America Pedestrian Detection Lighting Systems Consumption Value  
(2020-2031)

4.3 Europe Pedestrian Detection Lighting Systems Consumption Value (2020-2031)

4.4 Asia-Pacific Pedestrian Detection Lighting Systems Consumption Value  
(2020-2031)

4.5 South America Pedestrian Detection Lighting Systems Consumption Value  
(2020-2031)

4.6 Middle East & Africa Pedestrian Detection Lighting Systems Consumption Value  
(2020-2031)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2031)

5.2 Global Pedestrian Detection Lighting Systems Consumption Value by Type  
(2020-2031)

5.3 Global Pedestrian Detection Lighting Systems Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Pedestrian Detection Lighting Systems Sales Quantity by Application  
(2020-2031)

6.2 Global Pedestrian Detection Lighting Systems Consumption Value by Application (2020-2031)

6.3 Global Pedestrian Detection Lighting Systems Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

7.1 North America Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2031)

7.2 North America Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2031)

7.3 North America Pedestrian Detection Lighting Systems Market Size by Country

7.3.1 North America Pedestrian Detection Lighting Systems Sales Quantity by Country (2020-2031)

7.3.2 North America Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

8.1 Europe Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2031)

8.2 Europe Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2031)

8.3 Europe Pedestrian Detection Lighting Systems Market Size by Country

8.3.1 Europe Pedestrian Detection Lighting Systems Sales Quantity by Country (2020-2031)

8.3.2 Europe Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Type

(2020-2031)

9.2 Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Pedestrian Detection Lighting Systems Market Size by Region

9.3.1 Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Pedestrian Detection Lighting Systems Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

10.1 South America Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2031)

10.2 South America Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2031)

10.3 South America Pedestrian Detection Lighting Systems Market Size by Country

10.3.1 South America Pedestrian Detection Lighting Systems Sales Quantity by Country (2020-2031)

10.3.2 South America Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Pedestrian Detection Lighting Systems Market Size by Country

11.3.1 Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

12.1 Pedestrian Detection Lighting Systems Market Drivers

12.2 Pedestrian Detection Lighting Systems Market Restraints

12.3 Pedestrian Detection Lighting Systems Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Pedestrian Detection Lighting Systems and Key Manufacturers

13.2 Manufacturing Costs Percentage of Pedestrian Detection Lighting Systems

13.3 Pedestrian Detection Lighting Systems Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Pedestrian Detection Lighting Systems Typical Distributors

14.3 Pedestrian Detection Lighting Systems Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Pedestrian Detection Lighting Systems Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Pedestrian Detection Lighting Systems Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Valeo Basic Information, Manufacturing Base and Competitors

Table 4. Valeo Major Business

Table 5. Valeo Pedestrian Detection Lighting Systems Product and Services

Table 6. Valeo Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Valeo Recent Developments/Updates

Table 8. Koito Basic Information, Manufacturing Base and Competitors

Table 9. Koito Major Business

Table 10. Koito Pedestrian Detection Lighting Systems Product and Services

Table 11. Koito Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Koito Recent Developments/Updates

Table 13. Sumitomo Basic Information, Manufacturing Base and Competitors

Table 14. Sumitomo Major Business

Table 15. Sumitomo Pedestrian Detection Lighting Systems Product and Services

Table 16. Sumitomo Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Sumitomo Recent Developments/Updates

Table 18. Denso Basic Information, Manufacturing Base and Competitors

Table 19. Denso Major Business

Table 20. Denso Pedestrian Detection Lighting Systems Product and Services

Table 21. Denso Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Denso Recent Developments/Updates

Table 23. Bosch Basic Information, Manufacturing Base and Competitors

Table 24. Bosch Major Business

Table 25. Bosch Pedestrian Detection Lighting Systems Product and Services

Table 26. Bosch Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Bosch Recent Developments/Updates

Table 28. Iteris Basic Information, Manufacturing Base and Competitors

Table 29. Iteris Major Business

Table 30. Iteris Pedestrian Detection Lighting Systems Product and Services

Table 31. Iteris Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Iteris Recent Developments/Updates

Table 33. LightGuard Basic Information, Manufacturing Base and Competitors

Table 34. LightGuard Major Business

Table 35. LightGuard Pedestrian Detection Lighting Systems Product and Services

Table 36. LightGuard Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. LightGuard Recent Developments/Updates

Table 38. Polara Basic Information, Manufacturing Base and Competitors

Table 39. Polara Major Business

Table 40. Polara Pedestrian Detection Lighting Systems Product and Services

Table 41. Polara Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Polara Recent Developments/Updates

Table 43. Cyclone Basic Information, Manufacturing Base and Competitors

Table 44. Cyclone Major Business

Table 45. Cyclone Pedestrian Detection Lighting Systems Product and Services

Table 46. Cyclone Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Cyclone Recent Developments/Updates

Table 48. AEC Illuminazione Basic Information, Manufacturing Base and Competitors

Table 49. AEC Illuminazione Major Business

Table 50. AEC Illuminazione Pedestrian Detection Lighting Systems Product and Services

Table 51. AEC Illuminazione Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. AEC Illuminazione Recent Developments/Updates

Table 53. LEOTEK Basic Information, Manufacturing Base and Competitors

Table 54. LEOTEK Major Business

Table 55. LEOTEK Pedestrian Detection Lighting Systems Product and Services

Table 56. LEOTEK Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. LEOTEK Recent Developments/Updates

Table 58. Senstar Basic Information, Manufacturing Base and Competitors

Table 59. Senstar Major Business

Table 60. Senstar Pedestrian Detection Lighting Systems Product and Services

Table 61. Senstar Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Senstar Recent Developments/Updates

Table 63. Kocchi Basic Information, Manufacturing Base and Competitors

Table 64. Kocchi Major Business

Table 65. Kocchi Pedestrian Detection Lighting Systems Product and Services

Table 66. Kocchi Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Kocchi Recent Developments/Updates

Table 68. Heshams Basic Information, Manufacturing Base and Competitors

Table 69. Heshams Major Business

Table 70. Heshams Pedestrian Detection Lighting Systems Product and Services

Table 71. Heshams Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Heshams Recent Developments/Updates

Table 73. LeddarTech Basic Information, Manufacturing Base and Competitors

Table 74. LeddarTech Major Business

Table 75. LeddarTech Pedestrian Detection Lighting Systems Product and Services

Table 76. LeddarTech Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. LeddarTech Recent Developments/Updates

Table 78. FHOSS Safety Basic Information, Manufacturing Base and Competitors

Table 79. FHOSS Safety Major Business

Table 80. FHOSS Safety Pedestrian Detection Lighting Systems Product and Services

Table 81. FHOSS Safety Pedestrian Detection Lighting Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. FHOSS Safety Recent Developments/Updates

Table 83. Global Pedestrian Detection Lighting Systems Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 84. Global Pedestrian Detection Lighting Systems Revenue by Manufacturer (2020-2025) & (USD Million)

Table 85. Global Pedestrian Detection Lighting Systems Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 86. Market Position of Manufacturers in Pedestrian Detection Lighting Systems, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 87. Head Office and Pedestrian Detection Lighting Systems Production Site of Key Manufacturer

Table 88. Pedestrian Detection Lighting Systems Market: Company Product Type Footprint

Table 89. Pedestrian Detection Lighting Systems Market: Company Product Application Footprint

Table 90. Pedestrian Detection Lighting Systems New Market Entrants and Barriers to Market Entry

Table 91. Pedestrian Detection Lighting Systems Mergers, Acquisition, Agreements, and Collaborations

Table 92. Global Pedestrian Detection Lighting Systems Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 93. Global Pedestrian Detection Lighting Systems Sales Quantity by Region (2020-2025) & (K Units)

Table 94. Global Pedestrian Detection Lighting Systems Sales Quantity by Region (2026-2031) & (K Units)

Table 95. Global Pedestrian Detection Lighting Systems Consumption Value by Region (2020-2025) & (USD Million)

Table 96. Global Pedestrian Detection Lighting Systems Consumption Value by Region (2026-2031) & (USD Million)

Table 97. Global Pedestrian Detection Lighting Systems Average Price by Region (2020-2025) & (US\$/Unit)

Table 98. Global Pedestrian Detection Lighting Systems Average Price by Region (2026-2031) & (US\$/Unit)

Table 99. Global Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2025) & (K Units)

Table 100. Global Pedestrian Detection Lighting Systems Sales Quantity by Type

(2026-2031) & (K Units)

Table 101. Global Pedestrian Detection Lighting Systems Consumption Value by Type (2020-2025) & (USD Million)

Table 102. Global Pedestrian Detection Lighting Systems Consumption Value by Type (2026-2031) & (USD Million)

Table 103. Global Pedestrian Detection Lighting Systems Average Price by Type (2020-2025) & (US\$/Unit)

Table 104. Global Pedestrian Detection Lighting Systems Average Price by Type (2026-2031) & (US\$/Unit)

Table 105. Global Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2025) & (K Units)

Table 106. Global Pedestrian Detection Lighting Systems Sales Quantity by Application (2026-2031) & (K Units)

Table 107. Global Pedestrian Detection Lighting Systems Consumption Value by Application (2020-2025) & (USD Million)

Table 108. Global Pedestrian Detection Lighting Systems Consumption Value by Application (2026-2031) & (USD Million)

Table 109. Global Pedestrian Detection Lighting Systems Average Price by Application (2020-2025) & (US\$/Unit)

Table 110. Global Pedestrian Detection Lighting Systems Average Price by Application (2026-2031) & (US\$/Unit)

Table 111. North America Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2025) & (K Units)

Table 112. North America Pedestrian Detection Lighting Systems Sales Quantity by Type (2026-2031) & (K Units)

Table 113. North America Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2025) & (K Units)

Table 114. North America Pedestrian Detection Lighting Systems Sales Quantity by Application (2026-2031) & (K Units)

Table 115. North America Pedestrian Detection Lighting Systems Sales Quantity by Country (2020-2025) & (K Units)

Table 116. North America Pedestrian Detection Lighting Systems Sales Quantity by Country (2026-2031) & (K Units)

Table 117. North America Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2025) & (USD Million)

Table 118. North America Pedestrian Detection Lighting Systems Consumption Value by Country (2026-2031) & (USD Million)

Table 119. Europe Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2025) & (K Units)

Table 120. Europe Pedestrian Detection Lighting Systems Sales Quantity by Type (2026-2031) & (K Units)

Table 121. Europe Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2025) & (K Units)

Table 122. Europe Pedestrian Detection Lighting Systems Sales Quantity by Application (2026-2031) & (K Units)

Table 123. Europe Pedestrian Detection Lighting Systems Sales Quantity by Country (2020-2025) & (K Units)

Table 124. Europe Pedestrian Detection Lighting Systems Sales Quantity by Country (2026-2031) & (K Units)

Table 125. Europe Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2025) & (USD Million)

Table 126. Europe Pedestrian Detection Lighting Systems Consumption Value by Country (2026-2031) & (USD Million)

Table 127. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2025) & (K Units)

Table 128. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Type (2026-2031) & (K Units)

Table 129. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2025) & (K Units)

Table 130. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Application (2026-2031) & (K Units)

Table 131. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Region (2020-2025) & (K Units)

Table 132. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity by Region (2026-2031) & (K Units)

Table 133. Asia-Pacific Pedestrian Detection Lighting Systems Consumption Value by Region (2020-2025) & (USD Million)

Table 134. Asia-Pacific Pedestrian Detection Lighting Systems Consumption Value by Region (2026-2031) & (USD Million)

Table 135. South America Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2025) & (K Units)

Table 136. South America Pedestrian Detection Lighting Systems Sales Quantity by Type (2026-2031) & (K Units)

Table 137. South America Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2025) & (K Units)

Table 138. South America Pedestrian Detection Lighting Systems Sales Quantity by Application (2026-2031) & (K Units)

Table 139. South America Pedestrian Detection Lighting Systems Sales Quantity by

Country (2020-2025) & (K Units)

Table 140. South America Pedestrian Detection Lighting Systems Sales Quantity by Country (2026-2031) & (K Units)

Table 141. South America Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2025) & (USD Million)

Table 142. South America Pedestrian Detection Lighting Systems Consumption Value by Country (2026-2031) & (USD Million)

Table 143. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Type (2020-2025) & (K Units)

Table 144. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Type (2026-2031) & (K Units)

Table 145. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Application (2020-2025) & (K Units)

Table 146. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Application (2026-2031) & (K Units)

Table 147. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Country (2020-2025) & (K Units)

Table 148. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity by Country (2026-2031) & (K Units)

Table 149. Middle East & Africa Pedestrian Detection Lighting Systems Consumption Value by Country (2020-2025) & (USD Million)

Table 150. Middle East & Africa Pedestrian Detection Lighting Systems Consumption Value by Country (2026-2031) & (USD Million)

Table 151. Pedestrian Detection Lighting Systems Raw Material

Table 152. Key Manufacturers of Pedestrian Detection Lighting Systems Raw Materials

Table 153. Pedestrian Detection Lighting Systems Typical Distributors

Table 154. Pedestrian Detection Lighting Systems Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Pedestrian Detection Lighting Systems Picture
- Figure 2. Global Pedestrian Detection Lighting Systems Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Pedestrian Detection Lighting Systems Revenue Market Share by Type in 2024
- Figure 4. Camera-Based Examples
- Figure 5. Infrared-Based Examples
- Figure 6. Radar-Based Examples
- Figure 7. Global Pedestrian Detection Lighting Systems Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Pedestrian Detection Lighting Systems Revenue Market Share by Application in 2024
- Figure 9. Automotive Examples
- Figure 10. Infrastructural Examples
- Figure 11. Industrial Examples
- Figure 12. Others Examples
- Figure 13. Global Pedestrian Detection Lighting Systems Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 14. Global Pedestrian Detection Lighting Systems Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 15. Global Pedestrian Detection Lighting Systems Sales Quantity (2020-2031) & (K Units)
- Figure 16. Global Pedestrian Detection Lighting Systems Price (2020-2031) & (US\$/Unit)
- Figure 17. Global Pedestrian Detection Lighting Systems Sales Quantity Market Share by Manufacturer in 2024
- Figure 18. Global Pedestrian Detection Lighting Systems Revenue Market Share by Manufacturer in 2024
- Figure 19. Producer Shipments of Pedestrian Detection Lighting Systems by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 20. Top 3 Pedestrian Detection Lighting Systems Manufacturer (Revenue) Market Share in 2024
- Figure 21. Top 6 Pedestrian Detection Lighting Systems Manufacturer (Revenue) Market Share in 2024
- Figure 22. Global Pedestrian Detection Lighting Systems Sales Quantity Market Share

by Region (2020-2031)

Figure 23. Global Pedestrian Detection Lighting Systems Consumption Value Market Share by Region (2020-2031)

Figure 24. North America Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 27. South America Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 29. Global Pedestrian Detection Lighting Systems Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global Pedestrian Detection Lighting Systems Consumption Value Market Share by Type (2020-2031)

Figure 31. Global Pedestrian Detection Lighting Systems Average Price by Type (2020-2031) & (US\$/Unit)

Figure 32. Global Pedestrian Detection Lighting Systems Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global Pedestrian Detection Lighting Systems Revenue Market Share by Application (2020-2031)

Figure 34. Global Pedestrian Detection Lighting Systems Average Price by Application (2020-2031) & (US\$/Unit)

Figure 35. North America Pedestrian Detection Lighting Systems Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America Pedestrian Detection Lighting Systems Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America Pedestrian Detection Lighting Systems Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America Pedestrian Detection Lighting Systems Consumption Value Market Share by Country (2020-2031)

Figure 39. United States Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe Pedestrian Detection Lighting Systems Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe Pedestrian Detection Lighting Systems Sales Quantity Market Share by Application (2020-2031)

Figure 44. Europe Pedestrian Detection Lighting Systems Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe Pedestrian Detection Lighting Systems Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 47. France Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific Pedestrian Detection Lighting Systems Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific Pedestrian Detection Lighting Systems Consumption Value Market Share by Region (2020-2031)

Figure 55. China Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 58. India Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 61. South America Pedestrian Detection Lighting Systems Sales Quantity Market

Share by Type (2020-2031)

Figure 62. South America Pedestrian Detection Lighting Systems Sales Quantity Market Share by Application (2020-2031)

Figure 63. South America Pedestrian Detection Lighting Systems Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America Pedestrian Detection Lighting Systems Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa Pedestrian Detection Lighting Systems Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa Pedestrian Detection Lighting Systems Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa Pedestrian Detection Lighting Systems Consumption Value (2020-2031) & (USD Million)

Figure 75. Pedestrian Detection Lighting Systems Market Drivers

Figure 76. Pedestrian Detection Lighting Systems Market Restraints

Figure 77. Pedestrian Detection Lighting Systems Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Pedestrian Detection Lighting Systems in 2024

Figure 80. Manufacturing Process Analysis of Pedestrian Detection Lighting Systems

Figure 81. Pedestrian Detection Lighting Systems Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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