

Global Industrial Safety Light Curtains Market Growth 2023-2029

<https://marketpublishers.com/r/G15C26C0FF51EN.html>

Date: February 2023

Pages: 123

Price: US\$ 3,660.00 (Single User License)

ID: G15C26C0FF51EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Light curtains are opto-electronic devices that are used to safeguard personnel in the vicinity of moving machinery with the potential to cause harm such as presses, winders and palletisers.

LPI (LP Information)' newest research report, the "Industrial Safety Light Curtains Industry Forecast" looks at past sales and reviews total world Industrial Safety Light Curtains sales in 2022, providing a comprehensive analysis by region and market sector of projected Industrial Safety Light Curtains sales for 2023 through 2029. With Industrial Safety Light Curtains sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Industrial Safety Light Curtains industry.

This Insight Report provides a comprehensive analysis of the global Industrial Safety Light Curtains landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Industrial Safety Light Curtains portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Industrial Safety Light Curtains market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Industrial Safety Light Curtains and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-

up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Industrial Safety Light Curtains.

The global Industrial Safety Light Curtains market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Industrial Safety Light Curtains is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Industrial Safety Light Curtains is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Industrial Safety Light Curtains is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Industrial Safety Light Curtains players cover Omron, Keyence, Sick, ANHYUP, ReeR, Schlueter, Banner, Ifm electronic and Kcenn, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Industrial Safety Light Curtains market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Type 2 Safety Light Curtains

Type 4 Safety Light Curtains

Segmentation by application

Automotive

Semiconductor and Electronics

Food and Beverages

Healthcare

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Omron

Keyence

Sick

ANHYUP

ReeR

Schlueter

Banner

Ifm electronic

Kcenn

Pepperl+Fuchs

Leuze Electronic

Fiessler Elektronik

Rockwell Automation

Schneider Electric

ABB

Euchner

Panasonic

Wenglor Sensoric

Sensor Partners

Di-soric

Rockford Systems

Datalogic

IDEC Corporation

Wieland Electric

Treotham

Key Questions Addressed in this Report

What is the 10-year outlook for the global Industrial Safety Light Curtains market?

What factors are driving Industrial Safety Light Curtains market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Industrial Safety Light Curtains market opportunities vary by end market size?

How does Industrial Safety Light Curtains break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Industrial Safety Light Curtains Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for Industrial Safety Light Curtains by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for Industrial Safety Light Curtains by Country/Region, 2018, 2022 & 2029
- 2.2 Industrial Safety Light Curtains Segment by Type
 - 2.2.1 Type 2 Safety Light Curtains
 - 2.2.2 Type 4 Safety Light Curtains
- 2.3 Industrial Safety Light Curtains Sales by Type
 - 2.3.1 Global Industrial Safety Light Curtains Sales Market Share by Type (2018-2023)
 - 2.3.2 Global Industrial Safety Light Curtains Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global Industrial Safety Light Curtains Sale Price by Type (2018-2023)
- 2.4 Industrial Safety Light Curtains Segment by Application
 - 2.4.1 Automotive
 - 2.4.2 Semiconductor and Electronics
 - 2.4.3 Food and Beverages
 - 2.4.4 Healthcare
 - 2.4.5 Others
- 2.5 Industrial Safety Light Curtains Sales by Application
 - 2.5.1 Global Industrial Safety Light Curtains Sale Market Share by Application (2018-2023)
 - 2.5.2 Global Industrial Safety Light Curtains Revenue and Market Share by Application

(2018-2023)

2.5.3 Global Industrial Safety Light Curtains Sale Price by Application (2018-2023)

3 GLOBAL INDUSTRIAL SAFETY LIGHT CURTAINS BY COMPANY

3.1 Global Industrial Safety Light Curtains Breakdown Data by Company

3.1.1 Global Industrial Safety Light Curtains Annual Sales by Company (2018-2023)

3.1.2 Global Industrial Safety Light Curtains Sales Market Share by Company

(2018-2023)

3.2 Global Industrial Safety Light Curtains Annual Revenue by Company (2018-2023)

3.2.1 Global Industrial Safety Light Curtains Revenue by Company (2018-2023)

3.2.2 Global Industrial Safety Light Curtains Revenue Market Share by Company

(2018-2023)

3.3 Global Industrial Safety Light Curtains Sale Price by Company

3.4 Key Manufacturers Industrial Safety Light Curtains Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Industrial Safety Light Curtains Product Location Distribution

3.4.2 Players Industrial Safety Light Curtains Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR INDUSTRIAL SAFETY LIGHT CURTAINS BY GEOGRAPHIC REGION

4.1 World Historic Industrial Safety Light Curtains Market Size by Geographic Region (2018-2023)

4.1.1 Global Industrial Safety Light Curtains Annual Sales by Geographic Region

(2018-2023)

4.1.2 Global Industrial Safety Light Curtains Annual Revenue by Geographic Region

(2018-2023)

4.2 World Historic Industrial Safety Light Curtains Market Size by Country/Region (2018-2023)

4.2.1 Global Industrial Safety Light Curtains Annual Sales by Country/Region

(2018-2023)

4.2.2 Global Industrial Safety Light Curtains Annual Revenue by Country/Region

(2018-2023)

- 4.3 Americas Industrial Safety Light Curtains Sales Growth
- 4.4 APAC Industrial Safety Light Curtains Sales Growth
- 4.5 Europe Industrial Safety Light Curtains Sales Growth
- 4.6 Middle East & Africa Industrial Safety Light Curtains Sales Growth

5 AMERICAS

- 5.1 Americas Industrial Safety Light Curtains Sales by Country
 - 5.1.1 Americas Industrial Safety Light Curtains Sales by Country (2018-2023)
 - 5.1.2 Americas Industrial Safety Light Curtains Revenue by Country (2018-2023)
- 5.2 Americas Industrial Safety Light Curtains Sales by Type
- 5.3 Americas Industrial Safety Light Curtains Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Industrial Safety Light Curtains Sales by Region
 - 6.1.1 APAC Industrial Safety Light Curtains Sales by Region (2018-2023)
 - 6.1.2 APAC Industrial Safety Light Curtains Revenue by Region (2018-2023)
- 6.2 APAC Industrial Safety Light Curtains Sales by Type
- 6.3 APAC Industrial Safety Light Curtains Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Industrial Safety Light Curtains by Country
 - 7.1.1 Europe Industrial Safety Light Curtains Sales by Country (2018-2023)
 - 7.1.2 Europe Industrial Safety Light Curtains Revenue by Country (2018-2023)
- 7.2 Europe Industrial Safety Light Curtains Sales by Type
- 7.3 Europe Industrial Safety Light Curtains Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Industrial Safety Light Curtains by Country

8.1.1 Middle East & Africa Industrial Safety Light Curtains Sales by Country
(2018-2023)

8.1.2 Middle East & Africa Industrial Safety Light Curtains Revenue by Country
(2018-2023)

8.2 Middle East & Africa Industrial Safety Light Curtains Sales by Type

8.3 Middle East & Africa Industrial Safety Light Curtains Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Industrial Safety Light Curtains

10.3 Manufacturing Process Analysis of Industrial Safety Light Curtains

10.4 Industry Chain Structure of Industrial Safety Light Curtains

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Industrial Safety Light Curtains Distributors

11.3 Industrial Safety Light Curtains Customer

12 WORLD FORECAST REVIEW FOR INDUSTRIAL SAFETY LIGHT CURTAINS BY GEOGRAPHIC REGION

12.1 Global Industrial Safety Light Curtains Market Size Forecast by Region

12.1.1 Global Industrial Safety Light Curtains Forecast by Region (2024-2029)

12.1.2 Global Industrial Safety Light Curtains Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Industrial Safety Light Curtains Forecast by Type

12.7 Global Industrial Safety Light Curtains Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Omron

13.1.1 Omron Company Information

13.1.2 Omron Industrial Safety Light Curtains Product Portfolios and Specifications

13.1.3 Omron Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 Omron Main Business Overview

13.1.5 Omron Latest Developments

13.2 Keyence

13.2.1 Keyence Company Information

13.2.2 Keyence Industrial Safety Light Curtains Product Portfolios and Specifications

13.2.3 Keyence Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 Keyence Main Business Overview

13.2.5 Keyence Latest Developments

13.3 Sick

13.3.1 Sick Company Information

13.3.2 Sick Industrial Safety Light Curtains Product Portfolios and Specifications

13.3.3 Sick Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Sick Main Business Overview

13.3.5 Sick Latest Developments

13.4 ANHYUP

13.4.1 ANHYUP Company Information

13.4.2 ANHYUP Industrial Safety Light Curtains Product Portfolios and Specifications

13.4.3 ANHYUP Industrial Safety Light Curtains Sales, Revenue, Price and Gross

Margin (2018-2023)

13.4.4 ANHYUP Main Business Overview

13.4.5 ANHYUP Latest Developments

13.5 ReeR

13.5.1 ReeR Company Information

13.5.2 ReeR Industrial Safety Light Curtains Product Portfolios and Specifications

13.5.3 ReeR Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin

(2018-2023)

13.5.4 ReeR Main Business Overview

13.5.5 ReeR Latest Developments

13.6 Schlueter

13.6.1 Schlueter Company Information

13.6.2 Schlueter Industrial Safety Light Curtains Product Portfolios and Specifications

13.6.3 Schlueter Industrial Safety Light Curtains Sales, Revenue, Price and Gross

Margin (2018-2023)

13.6.4 Schlueter Main Business Overview

13.6.5 Schlueter Latest Developments

13.7 Banner

13.7.1 Banner Company Information

13.7.2 Banner Industrial Safety Light Curtains Product Portfolios and Specifications

13.7.3 Banner Industrial Safety Light Curtains Sales, Revenue, Price and Gross

Margin (2018-2023)

13.7.4 Banner Main Business Overview

13.7.5 Banner Latest Developments

13.8 Ifm electronic

13.8.1 Ifm electronic Company Information

13.8.2 Ifm electronic Industrial Safety Light Curtains Product Portfolios and Specifications

13.8.3 Ifm electronic Industrial Safety Light Curtains Sales, Revenue, Price and Gross

Margin (2018-2023)

13.8.4 Ifm electronic Main Business Overview

13.8.5 Ifm electronic Latest Developments

13.9 Kcenn

13.9.1 Kcenn Company Information

- 13.9.2 Kcenn Industrial Safety Light Curtains Product Portfolios and Specifications
- 13.9.3 Kcenn Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.9.4 Kcenn Main Business Overview
- 13.9.5 Kcenn Latest Developments
- 13.10 Pepperl+Fuchs
 - 13.10.1 Pepperl+Fuchs Company Information
 - 13.10.2 Pepperl+Fuchs Industrial Safety Light Curtains Product Portfolios and Specifications
 - 13.10.3 Pepperl+Fuchs Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.10.4 Pepperl+Fuchs Main Business Overview
 - 13.10.5 Pepperl+Fuchs Latest Developments
- 13.11 Leuze Electronic
 - 13.11.1 Leuze Electronic Company Information
 - 13.11.2 Leuze Electronic Industrial Safety Light Curtains Product Portfolios and Specifications
 - 13.11.3 Leuze Electronic Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.11.4 Leuze Electronic Main Business Overview
 - 13.11.5 Leuze Electronic Latest Developments
- 13.12 Fiessler Elektronik
 - 13.12.1 Fiessler Elektronik Company Information
 - 13.12.2 Fiessler Elektronik Industrial Safety Light Curtains Product Portfolios and Specifications
 - 13.12.3 Fiessler Elektronik Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.12.4 Fiessler Elektronik Main Business Overview
 - 13.12.5 Fiessler Elektronik Latest Developments
- 13.13 Rockwell Automation
 - 13.13.1 Rockwell Automation Company Information
 - 13.13.2 Rockwell Automation Industrial Safety Light Curtains Product Portfolios and Specifications
 - 13.13.3 Rockwell Automation Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.13.4 Rockwell Automation Main Business Overview
 - 13.13.5 Rockwell Automation Latest Developments
- 13.14 Schneider Electric
 - 13.14.1 Schneider Electric Company Information

13.14.2 Schneider Electric Industrial Safety Light Curtains Product Portfolios and Specifications

13.14.3 Schneider Electric Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.14.4 Schneider Electric Main Business Overview

13.14.5 Schneider Electric Latest Developments

13.15 ABB

13.15.1 ABB Company Information

13.15.2 ABB Industrial Safety Light Curtains Product Portfolios and Specifications

13.15.3 ABB Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.15.4 ABB Main Business Overview

13.15.5 ABB Latest Developments

13.16 Euchner

13.16.1 Euchner Company Information

13.16.2 Euchner Industrial Safety Light Curtains Product Portfolios and Specifications

13.16.3 Euchner Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.16.4 Euchner Main Business Overview

13.16.5 Euchner Latest Developments

13.17 Panasonic

13.17.1 Panasonic Company Information

13.17.2 Panasonic Industrial Safety Light Curtains Product Portfolios and Specifications

13.17.3 Panasonic Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.17.4 Panasonic Main Business Overview

13.17.5 Panasonic Latest Developments

13.18 Wenglor Sensoric

13.18.1 Wenglor Sensoric Company Information

13.18.2 Wenglor Sensoric Industrial Safety Light Curtains Product Portfolios and Specifications

13.18.3 Wenglor Sensoric Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.18.4 Wenglor Sensoric Main Business Overview

13.18.5 Wenglor Sensoric Latest Developments

13.19 Sensor Partners

13.19.1 Sensor Partners Company Information

13.19.2 Sensor Partners Industrial Safety Light Curtains Product Portfolios and

Specifications

13.19.3 Sensor Partners Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.19.4 Sensor Partners Main Business Overview

13.19.5 Sensor Partners Latest Developments

13.20 Di-soric

13.20.1 Di-soric Company Information

13.20.2 Di-soric Industrial Safety Light Curtains Product Portfolios and Specifications

13.20.3 Di-soric Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.20.4 Di-soric Main Business Overview

13.20.5 Di-soric Latest Developments

13.21 Rockford Systems

13.21.1 Rockford Systems Company Information

13.21.2 Rockford Systems Industrial Safety Light Curtains Product Portfolios and Specifications

13.21.3 Rockford Systems Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.21.4 Rockford Systems Main Business Overview

13.21.5 Rockford Systems Latest Developments

13.22 Datalogic

13.22.1 Datalogic Company Information

13.22.2 Datalogic Industrial Safety Light Curtains Product Portfolios and Specifications

13.22.3 Datalogic Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.22.4 Datalogic Main Business Overview

13.22.5 Datalogic Latest Developments

13.23 IDEC Corporation

13.23.1 IDEC Corporation Company Information

13.23.2 IDEC Corporation Industrial Safety Light Curtains Product Portfolios and Specifications

13.23.3 IDEC Corporation Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.23.4 IDEC Corporation Main Business Overview

13.23.5 IDEC Corporation Latest Developments

13.24 Wieland Electric

13.24.1 Wieland Electric Company Information

13.24.2 Wieland Electric Industrial Safety Light Curtains Product Portfolios and Specifications

13.24.3 Wieland Electric Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.24.4 Wieland Electric Main Business Overview

13.24.5 Wieland Electric Latest Developments

13.25 Treotham

13.25.1 Treotham Company Information

13.25.2 Treotham Industrial Safety Light Curtains Product Portfolios and Specifications

13.25.3 Treotham Industrial Safety Light Curtains Sales, Revenue, Price and Gross Margin (2018-2023)

13.25.4 Treotham Main Business Overview

13.25.5 Treotham Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Industrial Safety Light Curtains Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Industrial Safety Light Curtains Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Type 2 Safety Light Curtains

Table 4. Major Players of Type 4 Safety Light Curtains

Table 5. Global Industrial Safety Light Curtains Sales by Type (2018-2023) & (Units)

Table 6. Global Industrial Safety Light Curtains Sales Market Share by Type (2018-2023)

Table 7. Global Industrial Safety Light Curtains Revenue by Type (2018-2023) & (\$ million)

Table 8. Global Industrial Safety Light Curtains Revenue Market Share by Type (2018-2023)

Table 9. Global Industrial Safety Light Curtains Sale Price by Type (2018-2023) & (US\$/Unit)

Table 10. Global Industrial Safety Light Curtains Sales by Application (2018-2023) & (Units)

Table 11. Global Industrial Safety Light Curtains Sales Market Share by Application (2018-2023)

Table 12. Global Industrial Safety Light Curtains Revenue by Application (2018-2023)

Table 13. Global Industrial Safety Light Curtains Revenue Market Share by Application (2018-2023)

Table 14. Global Industrial Safety Light Curtains Sale Price by Application (2018-2023) & (US\$/Unit)

Table 15. Global Industrial Safety Light Curtains Sales by Company (2018-2023) & (Units)

Table 16. Global Industrial Safety Light Curtains Sales Market Share by Company (2018-2023)

Table 17. Global Industrial Safety Light Curtains Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global Industrial Safety Light Curtains Revenue Market Share by Company (2018-2023)

Table 19. Global Industrial Safety Light Curtains Sale Price by Company (2018-2023) & (US\$/Unit)

Table 20. Key Manufacturers Industrial Safety Light Curtains Producing Area

Distribution and Sales Area

Table 21. Players Industrial Safety Light Curtains Products Offered

Table 22. Industrial Safety Light Curtains Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Industrial Safety Light Curtains Sales by Geographic Region (2018-2023) & (Units)

Table 26. Global Industrial Safety Light Curtains Sales Market Share Geographic Region (2018-2023)

Table 27. Global Industrial Safety Light Curtains Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global Industrial Safety Light Curtains Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global Industrial Safety Light Curtains Sales by Country/Region (2018-2023) & (Units)

Table 30. Global Industrial Safety Light Curtains Sales Market Share by Country/Region (2018-2023)

Table 31. Global Industrial Safety Light Curtains Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global Industrial Safety Light Curtains Revenue Market Share by Country/Region (2018-2023)

Table 33. Americas Industrial Safety Light Curtains Sales by Country (2018-2023) & (Units)

Table 34. Americas Industrial Safety Light Curtains Sales Market Share by Country (2018-2023)

Table 35. Americas Industrial Safety Light Curtains Revenue by Country (2018-2023) & (\$ Millions)

Table 36. Americas Industrial Safety Light Curtains Revenue Market Share by Country (2018-2023)

Table 37. Americas Industrial Safety Light Curtains Sales by Type (2018-2023) & (Units)

Table 38. Americas Industrial Safety Light Curtains Sales by Application (2018-2023) & (Units)

Table 39. APAC Industrial Safety Light Curtains Sales by Region (2018-2023) & (Units)

Table 40. APAC Industrial Safety Light Curtains Sales Market Share by Region (2018-2023)

Table 41. APAC Industrial Safety Light Curtains Revenue by Region (2018-2023) & (\$ Millions)

Table 42. APAC Industrial Safety Light Curtains Revenue Market Share by Region (2018-2023)

Table 43. APAC Industrial Safety Light Curtains Sales by Type (2018-2023) & (Units)

Table 44. APAC Industrial Safety Light Curtains Sales by Application (2018-2023) & (Units)

Table 45. Europe Industrial Safety Light Curtains Sales by Country (2018-2023) & (Units)

Table 46. Europe Industrial Safety Light Curtains Sales Market Share by Country (2018-2023)

Table 47. Europe Industrial Safety Light Curtains Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe Industrial Safety Light Curtains Revenue Market Share by Country (2018-2023)

Table 49. Europe Industrial Safety Light Curtains Sales by Type (2018-2023) & (Units)

Table 50. Europe Industrial Safety Light Curtains Sales by Application (2018-2023) & (Units)

Table 51. Middle East & Africa Industrial Safety Light Curtains Sales by Country (2018-2023) & (Units)

Table 52. Middle East & Africa Industrial Safety Light Curtains Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa Industrial Safety Light Curtains Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa Industrial Safety Light Curtains Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa Industrial Safety Light Curtains Sales by Type (2018-2023) & (Units)

Table 56. Middle East & Africa Industrial Safety Light Curtains Sales by Application (2018-2023) & (Units)

Table 57. Key Market Drivers & Growth Opportunities of Industrial Safety Light Curtains

Table 58. Key Market Challenges & Risks of Industrial Safety Light Curtains

Table 59. Key Industry Trends of Industrial Safety Light Curtains

Table 60. Industrial Safety Light Curtains Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Industrial Safety Light Curtains Distributors List

Table 63. Industrial Safety Light Curtains Customer List

Table 64. Global Industrial Safety Light Curtains Sales Forecast by Region (2024-2029) & (Units)

Table 65. Global Industrial Safety Light Curtains Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 66. Americas Industrial Safety Light Curtains Sales Forecast by Country (2024-2029) & (Units)

Table 67. Americas Industrial Safety Light Curtains Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 68. APAC Industrial Safety Light Curtains Sales Forecast by Region (2024-2029) & (Units)

Table 69. APAC Industrial Safety Light Curtains Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 70. Europe Industrial Safety Light Curtains Sales Forecast by Country (2024-2029) & (Units)

Table 71. Europe Industrial Safety Light Curtains Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 72. Middle East & Africa Industrial Safety Light Curtains Sales Forecast by Country (2024-2029) & (Units)

Table 73. Middle East & Africa Industrial Safety Light Curtains Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 74. Global Industrial Safety Light Curtains Sales Forecast by Type (2024-2029) & (Units)

Table 75. Global Industrial Safety Light Curtains Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 76. Global Industrial Safety Light Curtains Sales Forecast by Application (2024-2029) & (Units)

Table 77. Global Industrial Safety Light Curtains Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 78. Omron Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 79. Omron Industrial Safety Light Curtains Product Portfolios and Specifications

Table 80. Omron Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 81. Omron Main Business

Table 82. Omron Latest Developments

Table 83. Keyence Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 84. Keyence Industrial Safety Light Curtains Product Portfolios and Specifications

Table 85. Keyence Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 86. Keyence Main Business

Table 87. Keyence Latest Developments

Table 88. Sick Basic Information, Industrial Safety Light Curtains Manufacturing Base,

Sales Area and Its Competitors

Table 89. Sick Industrial Safety Light Curtains Product Portfolios and Specifications

Table 90. Sick Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 91. Sick Main Business

Table 92. Sick Latest Developments

Table 93. ANHYUP Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 94. ANHYUP Industrial Safety Light Curtains Product Portfolios and Specifications

Table 95. ANHYUP Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 96. ANHYUP Main Business

Table 97. ANHYUP Latest Developments

Table 98. ReeR Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 99. ReeR Industrial Safety Light Curtains Product Portfolios and Specifications

Table 100. ReeR Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 101. ReeR Main Business

Table 102. ReeR Latest Developments

Table 103. Schlueter Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 104. Schlueter Industrial Safety Light Curtains Product Portfolios and Specifications

Table 105. Schlueter Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 106. Schlueter Main Business

Table 107. Schlueter Latest Developments

Table 108. Banner Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 109. Banner Industrial Safety Light Curtains Product Portfolios and Specifications

Table 110. Banner Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 111. Banner Main Business

Table 112. Banner Latest Developments

Table 113. Ifm electronic Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 114. Ifm electronic Industrial Safety Light Curtains Product Portfolios and

Specifications

Table 115. Ifm electronic Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 116. Ifm electronic Main Business

Table 117. Ifm electronic Latest Developments

Table 118. Kcenn Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 119. Kcenn Industrial Safety Light Curtains Product Portfolios and Specifications

Table 120. Kcenn Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 121. Kcenn Main Business

Table 122. Kcenn Latest Developments

Table 123. Pepperl+Fuchs Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 124. Pepperl+Fuchs Industrial Safety Light Curtains Product Portfolios and Specifications

Table 125. Pepperl+Fuchs Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 126. Pepperl+Fuchs Main Business

Table 127. Pepperl+Fuchs Latest Developments

Table 128. Leuze Electronic Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 129. Leuze Electronic Industrial Safety Light Curtains Product Portfolios and Specifications

Table 130. Leuze Electronic Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 131. Leuze Electronic Main Business

Table 132. Leuze Electronic Latest Developments

Table 133. Fiessler Elektronik Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 134. Fiessler Elektronik Industrial Safety Light Curtains Product Portfolios and Specifications

Table 135. Fiessler Elektronik Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 136. Fiessler Elektronik Main Business

Table 137. Fiessler Elektronik Latest Developments

Table 138. Rockwell Automation Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 139. Rockwell Automation Industrial Safety Light Curtains Product Portfolios and

Specifications

Table 140. Rockwell Automation Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 141. Rockwell Automation Main Business

Table 142. Rockwell Automation Latest Developments

Table 143. Schneider Electric Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 144. Schneider Electric Industrial Safety Light Curtains Product Portfolios and Specifications

Table 145. Schneider Electric Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 146. Schneider Electric Main Business

Table 147. Schneider Electric Latest Developments

Table 148. ABB Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 149. ABB Industrial Safety Light Curtains Product Portfolios and Specifications

Table 150. ABB Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 151. ABB Main Business

Table 152. ABB Latest Developments

Table 153. Euchner Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 154. Euchner Industrial Safety Light Curtains Product Portfolios and Specifications

Table 155. Euchner Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 156. Euchner Main Business

Table 157. Euchner Latest Developments

Table 158. Panasonic Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 159. Panasonic Industrial Safety Light Curtains Product Portfolios and Specifications

Table 160. Panasonic Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 161. Panasonic Main Business

Table 162. Panasonic Latest Developments

Table 163. Wenglor Sensoric Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 164. Wenglor Sensoric Industrial Safety Light Curtains Product Portfolios and

Specifications

Table 165. Wenglor Sensoric Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 166. Wenglor Sensoric Main Business

Table 167. Wenglor Sensoric Latest Developments

Table 168. Sensor Partners Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 169. Sensor Partners Industrial Safety Light Curtains Product Portfolios and Specifications

Table 170. Sensor Partners Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 171. Sensor Partners Main Business

Table 172. Sensor Partners Latest Developments

Table 173. Di-soric Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 174. Di-soric Industrial Safety Light Curtains Product Portfolios and Specifications

Table 175. Di-soric Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 176. Di-soric Main Business

Table 177. Di-soric Latest Developments

Table 178. Rockford Systems Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 179. Rockford Systems Industrial Safety Light Curtains Product Portfolios and Specifications

Table 180. Rockford Systems Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 181. Rockford Systems Main Business

Table 182. Rockford Systems Latest Developments

Table 183. Datalogic Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 184. Datalogic Industrial Safety Light Curtains Product Portfolios and Specifications

Table 185. Datalogic Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 186. Datalogic Main Business

Table 187. Datalogic Latest Developments

Table 188. IDEC Corporation Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 189. IDEC Corporation Industrial Safety Light Curtains Product Portfolios and

Specifications

Table 190. IDEC Corporation Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 191. IDEC Corporation Main Business

Table 192. IDEC Corporation Latest Developments

Table 193. Wieland Electric Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 194. Wieland Electric Industrial Safety Light Curtains Product Portfolios and Specifications

Table 195. Wieland Electric Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 196. Wieland Electric Main Business

Table 197. Wieland Electric Latest Developments

Table 198. Treotham Basic Information, Industrial Safety Light Curtains Manufacturing Base, Sales Area and Its Competitors

Table 199. Treotham Industrial Safety Light Curtains Product Portfolios and Specifications

Table 200. Treotham Industrial Safety Light Curtains Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 201. Treotham Main Business

Table 202. Treotham Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Industrial Safety Light Curtains

Figure 2. Industrial Safety Light Curtains Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Industrial Safety Light Curtains Sales Growth Rate 2018-2029 (Units)

Figure 7. Global Industrial Safety Light Curtains Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. Industrial Safety Light Curtains Sales by Region (2018, 2022 & 2029) & (\$ Millions)

Figure 9. Product Picture of Type 2 Safety Light Curtains

Figure 10. Product Picture of Type 4 Safety Light Curtains

Figure 11. Global Industrial Safety Light Curtains Sales Market Share by Type in 2022

Figure 12. Global Industrial Safety Light Curtains Revenue Market Share by Type (2018-2023)

Figure 13. Industrial Safety Light Curtains Consumed in Automotive

Figure 14. Global Industrial Safety Light Curtains Market: Automotive (2018-2023) & (Units)

Figure 15. Industrial Safety Light Curtains Consumed in Semiconductor and Electronics

Figure 16. Global Industrial Safety Light Curtains Market: Semiconductor and Electronics (2018-2023) & (Units)

Figure 17. Industrial Safety Light Curtains Consumed in Food and Beverages

Figure 18. Global Industrial Safety Light Curtains Market: Food and Beverages (2018-2023) & (Units)

Figure 19. Industrial Safety Light Curtains Consumed in Healthcare

Figure 20. Global Industrial Safety Light Curtains Market: Healthcare (2018-2023) & (Units)

Figure 21. Industrial Safety Light Curtains Consumed in Others

Figure 22. Global Industrial Safety Light Curtains Market: Others (2018-2023) & (Units)

Figure 23. Global Industrial Safety Light Curtains Sales Market Share by Application (2022)

Figure 24. Global Industrial Safety Light Curtains Revenue Market Share by Application in 2022

Figure 25. Industrial Safety Light Curtains Sales Market by Company in 2022 (Units)

Figure 26. Global Industrial Safety Light Curtains Sales Market Share by Company in

2022

Figure 27. Industrial Safety Light Curtains Revenue Market by Company in 2022 (\$ Million)

Figure 28. Global Industrial Safety Light Curtains Revenue Market Share by Company in 2022

Figure 29. Global Industrial Safety Light Curtains Sales Market Share by Geographic Region (2018-2023)

Figure 30. Global Industrial Safety Light Curtains Revenue Market Share by Geographic Region in 2022

Figure 31. Americas Industrial Safety Light Curtains Sales 2018-2023 (Units)

Figure 32. Americas Industrial Safety Light Curtains Revenue 2018-2023 (\$ Millions)

Figure 33. APAC Industrial Safety Light Curtains Sales 2018-2023 (Units)

Figure 34. APAC Industrial Safety Light Curtains Revenue 2018-2023 (\$ Millions)

Figure 35. Europe Industrial Safety Light Curtains Sales 2018-2023 (Units)

Figure 36. Europe Industrial Safety Light Curtains Revenue 2018-2023 (\$ Millions)

Figure 37. Middle East & Africa Industrial Safety Light Curtains Sales 2018-2023 (Units)

Figure 38. Middle East & Africa Industrial Safety Light Curtains Revenue 2018-2023 (\$ Millions)

Figure 39. Americas Industrial Safety Light Curtains Sales Market Share by Country in 2022

Figure 40. Americas Industrial Safety Light Curtains Revenue Market Share by Country in 2022

Figure 41. Americas Industrial Safety Light Curtains Sales Market Share by Type (2018-2023)

Figure 42. Americas Industrial Safety Light Curtains Sales Market Share by Application (2018-2023)

Figure 43. United States Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 44. Canada Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 45. Mexico Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 46. Brazil Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 47. APAC Industrial Safety Light Curtains Sales Market Share by Region in 2022

Figure 48. APAC Industrial Safety Light Curtains Revenue Market Share by Regions in 2022

Figure 49. APAC Industrial Safety Light Curtains Sales Market Share by Type (2018-2023)

Figure 50. APAC Industrial Safety Light Curtains Sales Market Share by Application (2018-2023)

Figure 51. China Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Japan Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 53. South Korea Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Southeast Asia Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 55. India Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Australia Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 57. China Taiwan Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 58. Europe Industrial Safety Light Curtains Sales Market Share by Country in 2022

Figure 59. Europe Industrial Safety Light Curtains Revenue Market Share by Country in 2022

Figure 60. Europe Industrial Safety Light Curtains Sales Market Share by Type (2018-2023)

Figure 61. Europe Industrial Safety Light Curtains Sales Market Share by Application (2018-2023)

Figure 62. Germany Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 63. France Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 64. UK Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 65. Italy Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Russia Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 67. Middle East & Africa Industrial Safety Light Curtains Sales Market Share by Country in 2022

Figure 68. Middle East & Africa Industrial Safety Light Curtains Revenue Market Share by Country in 2022

Figure 69. Middle East & Africa Industrial Safety Light Curtains Sales Market Share by Type (2018-2023)

Figure 70. Middle East & Africa Industrial Safety Light Curtains Sales Market Share by Application (2018-2023)

Figure 71. Egypt Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 72. South Africa Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Israel Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Turkey Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 75. GCC Country Industrial Safety Light Curtains Revenue Growth 2018-2023 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of Industrial Safety Light Curtains in 2022

Figure 77. Manufacturing Process Analysis of Industrial Safety Light Curtains

Figure 78. Industry Chain Structure of Industrial Safety Light Curtains

Figure 79. Channels of Distribution

Figure 80. Global Industrial Safety Light Curtains Sales Market Forecast by Region (2024-2029)

Figure 81. Global Industrial Safety Light Curtains Revenue Market Share Forecast by Region (2024-2029)

Figure 82. Global Industrial Safety Light Curtains Sales Market Share Forecast by Type (2024-2029)

Figure 83. Global Industrial Safety Light Curtains Revenue Market Share Forecast by Type (2024-2029)

Figure 84. Global Industrial Safety Light Curtains Sales Market Share Forecast by Application (2024-2029)

Figure 85. Global Industrial Safety Light Curtains Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global Industrial Safety Light Curtains Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G15C26C0FF51EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G15C26C0FF51EN.html>