

Train Lighting Market by Technology (Fluorescent, Halogen, LED, Xenon), Position (Interior, Exterior), Rolling Stock (Diesel, Electric, DMU, EMU, Metros, Light Rail, Passenger & Freight Wagon), Application, Component, and Region - Global Forecast to 2025

<https://marketpublishers.com/r/T0825C4182EEN.html>

Date: March 2018

Pages: 154

Price: US\$ 5,650.00 (Single User License)

ID: T0825C4182EEN

Abstracts

“Increasing demand for comfort & luxury features in rolling stock interiors, government mandates for train lighting, and increase in railway projects such as metro train, high-speed train, and refurbished train to boost the global train lighting market”

The train lighting market was valued at USD 330.8 million in 2017 and is projected to reach USD 370.8 million by 2025, growing at a CAGR of 1.44% during the forecast period. The major driving factors are the government mandates on lighting applications and infrastructural development for rail projects. These projects will increase the rolling stock use and hence the lighting demand. However, the limited demand for the rolling stock and government interventions in major countries are identified as the key factors hindering the growth of train lighting market.

“Main lights segment of the Train lighting market is estimated to show the fastest growth in terms of value”

Main lights segment is projected to grow at the fastest CAGR during the forecast period from 2017 to 2022. The growth is due to the increase in the demand for rolling stock across the countries. The main lights are mandated by the government to be installed in every rolling stock.

“By technology, LED lights are estimated to have the largest share in train lighting market”

LED technology is projected to have the largest share during the forecast period from 2017 to 2022. Railway associations around the globe are installing LED lights in trains because of its energy saving and environmental friendly benefits. Also, the LEDs are profoundly used in rolling stock such as metros DMU, EMU, and light rail. With the increase in demand for rolling stock, the market for LED lights is also projected to increase. The LEDs are also used in high-speed trains and the upcoming projects such as hyperloop as they are efficient in energy saving.

“Asia Oceania and Europe to dominate the train lighting market”

Asia Oceania and Europe are estimated to dominate the train lighting market during the forecast period. While Asia Oceania is estimated to be the largest market, Europe is estimated to be the fastest growing market during the forecast period. The Asia Oceania region comprises of emerging economies such as China and India along with developed nations such as Japan. The rail networks of China and India are among the biggest rail networks in the world. Generally, passenger trains are the mainly used mode of transportation in India, China, and South Korea; whereas, high-speed rail and metro train are the most preferred modes of transportation in Japan. Owing to the increase in usage of different types of rolling stock the lighting requirement differs which has propelled the market growth in this region.

The market growth in Europe can be attributed to the availability of state-of-the-art technology, the presence of key OEMs, and increase in usage of high speed trains which will ultimately increase the application of train lights.

The study contains insights provided by various industry experts. The break-up of the primaries is as follows:

By Company Type: Tier-1 - 70%, Tier-2 - 20%, and Train Operators/OEMs - 10%

By Designation: D level – 60%, C level - 25 % Other- 15%

By Region: Asia Oceania – 35%, North America - 30%, Europe - 20%, and RoW – 15%

Note: Tier 1 companies are lighting manufacturers, while Tier 2 are processed material

suppliers and raw material suppliers

Note: Others includes managers and R&D engineers

Note: The company tiers are based on the value chain; the revenue of the company has been not considered

The key companies profiled in the study are as Toshiba (Japan), General Electric (US), Hitachi (Japan), Koito (Japan), Federal-Mogul (US), Osram (Germany), Grupo Antolin (Spain), Dr?xlmaier (Germany), and Teknoware (Finland).

Research Coverage

The train lighting market is segmented By Rolling Stock Type (Diesel Locomotive, DMU, Electric Locomotive, EMU, Metro, Light Rail/Trams/Monorail, Passenger Coaches, Freight Wagon), By Position (Interior Train Lighting, Exterior Train Lighting), By Application (Cabin Lights, Door Lights, Emergency Lighting Systems, Reading Lights, Toilet Lights, Train Headlights, Train Indicator Lights, Train Led Spotlights, Train Main Lights, Marker Lights, Vestibule Lights, Other Train Lights), By Technology (Halogen, Xenon/HID, Fluorescent, LED), By Component (Alternator, Battery, Rectifier), By Region (Asia Oceania (China, India, Japan, South Korea), Europe (Germany, France, UK), North America (Canada, Mexico, US), RoW (Brazil, Russia).

Reasons to Buy the Report:

This report provides insights with reference to the following points:

Market Size, by technology: The report offers in-depth market sizing and forecast up to 10 years (2025), by technology such as Halogen, Xenon/HID, Fluorescent, and LED. The market sizing for technology is covered for all key countries; whereas, application chapter is covered at regional level.

The report offers lighting application required for rolling stock at regional level.

The report also covers the market by technology required for each application used for different rolling stock at country level

Market Development: The report provides comprehensive information about lucrative emerging markets for train lighting across regions.

Product Development/Innovation: The report gives detailed insights into R&D activities, upcoming technologies, and new product launches in the train lighting market.

Market Diversification: The report offers detailed information about untapped markets, investments, new products, and recent developments in the train lighting market.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 SECONDARY DATA
 - 2.2.1 KEY SECONDARY SOURCES
 - 2.2.2 KEY DATA FROM SECONDARY SOURCES
- 2.3 PRIMARY DATA
 - 2.3.1 SAMPLING TECHNIQUES & DATA COLLECTION METHODS
 - 2.3.2 PRIMARY PARTICIPANTS
- 2.4 FACTOR ANALYSIS
 - 2.4.1 DEMAND-SIDE ANALYSIS
 - 2.4.1.1 Increase in rail infrastructure
 - 2.4.1.2 High-speed rail linkage between major countries
 - 2.4.1.3 Increase in rate of urbanization
 - 2.4.1.4 Introduction of high-speed trains
 - 2.4.1.5 Impact of increase in bullet train projects on train lighting demand
 - 2.4.1.6 Impact of high-speed train projects on train lighting
 - 2.4.1.6.1 Maglev
 - 2.4.1.6.2 Hyperloop
 - 2.4.2 SUPPLY-SIDE ANALYSIS
 - 2.4.2.1 Technological advancement
- 2.5 MARKET SIZE ESTIMATION
 - 2.5.1 BOTTOM-UP APPROACH
- 2.6 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.7 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 STEADY GROWTH OPPORTUNITIES IN THE TRAIN LIGHTING MARKET

4.2 TRAIN LIGHTING MARKET, BY ROLLING STOCK

4.3 TRAIN LIGHTING MARKET, BY POSITION

4.4 TRAIN LIGHTING MARKET, BY APPLICATION

4.5 TRAIN LIGHTING MARKET, BY TECHNOLOGY

4.6 TRAIN LIGHTING MARKET, BY COMPONENT

4.7 TRAIN LIGHTING MARKET, BY COUNTRY

4.8 TRAIN LIGHTING MARKET, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.1.1 DRIVERS

5.1.1.1 Train lighting regulation to boost the demand for lighting units/system

5.1.1.2 Increasing demand for comfort & luxury to drive the market for advanced train lighting applications

5.1.2 RESTRAINTS

5.1.2.1 Limited OE potential to restrain the growth of train lighting

5.1.2.1.1 Limited rolling stock production to hinder the train lighting business

5.1.2.1.2 Government-regularized rail industry in key countries

5.1.3 OPPORTUNITIES

5.1.3.1 Future of mobility

5.1.3.1.1 Advancement in rolling stock to increase the demand for train lighting solutions

5.1.3.1.2 Advanced lighting solutions to offer a new business avenue for lighting manufacturers

5.1.4 CHALLENGES

5.1.4.1 Lack of standardization and high production cost are major challenges for manufacturers

6 TRAIN LIGHTING MARKET, BY ROLLING STOCK TYPE

Note - The Chapter is Further Segmented at Regional Level and Considered Regions are Asia Oceania, Europe, North America, and RoW

6.1 INTRODUCTION

Train Lighting Market by Technology (Fluorescent, Halogen, LED, Xenon), Position (Interior, Exterior), Rolling...

- 6.2 DIESEL LOCOMOTIVE
- 6.3 DMU
- 6.4 ELECTRIC LOCOMOTIVE
- 6.5 EMU
- 6.6 METRO
- 6.7 LIGHT RAIL/TRAM/MONORAIL
- 6.8 PASSENGER COACH
- 6.9 FREIGHT WAGON

7 TRAIN LIGHTING MARKET, BY POSITION

Note - The Chapter is Further Segmented at Regional Level and Considered Regions are Asia Oceania, Europe, North America, and RoW

- 7.1 INTRODUCTION
- 7.2 INTERIOR TRAIN LIGHTING
- 7.3 EXTERIOR TRAIN LIGHTING

8 TRAIN LIGHTING MARKET, BY APPLICATION

Note - The Chapter is Further Segmented at Regional Level and Considered Regions are Asia Oceania, Europe, North America, and RoW

- 8.1 INTRODUCTION
- 8.2 CABIN LIGHTS
- 8.3 DOOR LIGHTS
- 8.4 EMERGENCY LIGHTING SYSTEMS
- 8.5 READING LIGHTS
- 8.6 TOILET LIGHTS
- 8.7 TRAIN HEADLIGHTS
- 8.8 TRAIN INDICATOR LIGHTS
- 8.9 TRAIN LED SPOTLIGHTS
- 8.10 TRAIN MAIN LIGHTS
- 8.11 MARKER LIGHTS
- 8.12 VESTIBULE LIGHTS
- 8.13 OTHER TRAIN LIGHTS

9 TRAIN LIGHTING MARKET, BY TECHNOLOGY

Note - The Chapter is Further Segmented at Regional Level and Considered Regions are Asia Oceania, Europe, North America, and RoW

9.1 INTRODUCTION

9.2 HALOGEN

9.3 XENON/HID

9.4 FLUORESCENT

9.5 LED

10 TRAIN LIGHTING MARKET, BY COMPONENT

Note - The Chapter is Further Segmented at Regional Level and Considered Regions are Asia Oceania, Europe, North America, and RoW

10.1 INTRODUCTION

10.2 ALTERNATOR

10.3 BATTERY

10.4 RECTIFIER

11 TRAIN LIGHTING MARKET, BY REGION

Note - The Chapter is Further Segmented by technology and Considered technologies are Halogen, Xenon/HID, Fluorescent, LED

11.1 INTRODUCTION

11.2 ASIA OCEANIA

11.2.1 CHINA

11.2.2 INDIA

11.2.3 JAPAN

11.2.4 SOUTH KOREA

11.3 EUROPE

11.3.1 GERMANY

11.3.2 FRANCE

11.3.3 UK

11.4 NORTH AMERICA

11.4.1 CANADA

11.4.2 MEXICO

11.4.3 US

11.5 ROW

11.5.1 BRAZIL

11.5.2 RUSSIA

12 COMPETITIVE LANDSCAPE

- 12.1 INTRODUCTION
- 12.2 MARKET RANKING ANALYSIS
- 12.3 COMPETITIVE SCENARIO
- 12.4 RECENT DEVELOPMENTS

13 COMPANY PROFILES

(Business overview, Products offered, Recent developments, SWOT analysis & MnM View)*

- 13.1 INTRODUCTION
- 13.2 TOSHIBA
- 13.3 GENERAL ELECTRIC
- 13.4 HITACHI
- 13.5 KOITO
- 13.6 FEDERAL-MOGUL
- 13.7 OSRAM
- 13.8 GRUPO ANTOLIN
- 13.9 DR?XLMAIER
- 13.10 TEKNOWARE
- 13.11 AUTOLITE

*Details on Business overview, Products offered, Recent developments, SWOT analysis & MnM View might not be captured in case of unlisted companies.

14 APPENDIX

- 14.1 KEY INDUSTRY INSIGHTS
- 14.2 DISCUSSION GUIDE
- 14.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 14.4 AVAILABLE CUSTOMIZATIONS
 - 14.4.1 TRAIN LIGHTING APPLICATION MARKET, BY TECHNOLOGY & COUNTRY
Note - The Chapter is Further Segmented at Country Level and Considered Countries are Asia Oceania (China, India, Japan, South Korea, Europe (Germany, France, UK), North America (US, Canada, Mexico), and RoW (Brazil, Russia)
 - 14.4.1.1 Halogen
 - 14.4.1.2 Xenon/HID
 - 14.4.1.3 Fluorescent
 - 14.4.1.4 LED

14.4.2 TRAIN LIGHTING MARKET, BY APPLICATION & COUNTRY

Note - The Chapter is Further Segmented at Country Level and Considered Countries are Asia Oceania (China, India, Japan, South Korea, Europe (Germany, France, UK), North America (US, Canada, Mexico), and RoW (Brazil, Russia)

- 14.4.2.1 Cabin lights
- 14.4.2.2 Door lights
- 14.4.2.3 Emergency Lighting System
- 14.4.2.4 Other train lights
- 14.4.2.5 Reading lights
- 14.4.2.6 Toilet Lights
- 14.4.2.7 Train Headlights
- 14.4.2.8 Train indicator lights
- 14.4.2.9 Train LED spotlights
- 14.4.2.10 Train main lights
- 14.4.2.11 Train marker lights
- 14.4.2.12 Vestibule lights

14.4.3 TRAIN LIGHTING MARKET, BY ROLLING STOCK & COUNTRY

Note - The Chapter is Further Segmented at Country Level and Considered Countries are Asia Oceania (China, India, Japan, South Korea, Europe (Germany, France, UK), North America (US, Canada, Mexico), and RoW (Brazil, Russia)

- 14.4.3.1 Diesel LOCOMOTIVE
- 14.4.3.2 DMU
- 14.4.3.3 Electric Locomotive
- 14.4.3.4 EMU
- 14.4.3.5 Metro
- 14.4.3.6 Light Rail/Tram/Monorail
- 14.4.3.7 Passenger Coach
- 14.4.3.8 Freight Wagon

14.4.4 TRAIN LIGHTING MARKET, BY COMPONENT & COUNTRY

Note - The Chapter is Further Segmented at Country Level and Considered Countries are Asia Oceania (China, India, Japan, South Korea, Europe (Germany, France, UK), North America (US, Canada, Mexico), and RoW (Brazil, Russia)

- 14.4.4.1 Alternator
- 14.4.4.2 Battery
- 14.4.4.3 Rectifier

14.5 RELATED REPORTS

14.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 CURRENCY EXCHANGE RATES (W.R.T. USD)

Table 2 INVESTMENTS IN RAIL INFRASTRUCTURE & SURGE, BY KEY COUNTRY

Table 3 FUNCTIONAL HIGH-SPEED TRAINS BETWEEN EUROPEAN COUNTRIES

Table 4 PROPOSED MAGLEV HIGH-SPEED TRAIN PROJECTS IN KEY COUNTRIES

Table 5 PROPOSED HYPERLOOP HIGH-SPEED TRAIN PROJECTS IN KEY COUNTRIES

Table 6 TRAIN LIGHTING REGULATIONS, BY KEY COUNTRY

Table 7 REGULARIZED RAIL AUTHORITY, BY COUNTRY

Table 8 TRAIN LIGHTING MARKET, BY ROLLING STOCK TYPE, 2015–2025 ('000 UNITS)

Table 9 TRAIN LIGHTING MARKET, BY ROLLING STOCK TYPE, 2015–2025 (USD MILLION)

Table 10 DIESEL LOCOMOTIVE: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 11 DIESEL LOCOMOTIVE: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 12 DMU: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 13 DMU: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 14 ELECTRIC LOCOMOTIVE: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 15 ELECTRIC LOCOMOTIVE: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 16 EMU: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 17 EMU: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 18 METRO: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 19 METRO: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 20 LIGHT RAIL/TRAM/MONORAIL: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 21 LIGHT RAIL/TRAM/MONORAIL: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 22 PASSENGER COACH: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 23 PASSENGER COACH: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 24 FREIGHT WAGON: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 25 FREIGHT WAGON: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 26 TRAIN LIGHTING MARKET, BY POSITION, 2015–2025 ('000 UNITS)

Table 27 TRAIN LIGHTING MARKET, BY POSITION, 2015–2025 (USD MILLION)

Table 28 INTERIOR: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 29 INTERIOR: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 30 EXTERIOR: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 31 EXTERIOR: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 32 TRAIN LIGHTING MARKET, BY APPLICATION, 2015–2025 ('000 UNITS)

Table 33 TRAIN LIGHTING MARKET, BY APPLICATION, 2015–2025 (USD MILLION)

Table 34 CABIN LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 35 CABIN LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 36 DOOR LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 37 DOOR LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 38 EMERGENCY LIGHTING SYSTEMS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 39 EMERGENCY LIGHTING SYSTEMS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 40 READING LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 41 READING LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 42 TOILET LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 43 TOILET LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 44 TRAIN HEADLIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 45 TRAIN HEADLIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025

(USD MILLION)

Table 46 TRAIN INDICATOR LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 47 TRAIN INDICATOR LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 48 TRAIN LED SPOTLIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 49 TRAIN LED SPOTLIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 50 TRAIN MAIN LIGHTING: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 51 TRAIN MAIN LIGHTING: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 52 MARKER LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 53 MARKER LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 54 VESTIBULE LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 55 VESTIBULE LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 56 OTHER TRAIN LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 57 OTHER TRAIN LIGHTS: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 58 TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 59 TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 60 HALOGEN: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 61 HALOGEN: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 62 XENON/HID: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 63 XENON/HID: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

Table 64 FLUORESCENT: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)

Table 65 FLUORESCENT: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)

- Table 66 LED: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)
- Table 67 LED: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)
- Table 68 TRAIN LIGHTING MARKET, BY COMPONENT, 2015–2025 ('000 UNITS)
- Table 69 TRAIN LIGHTING MARKET, BY COMPONENT, 2015–2025 (USD MILLION)
- Table 70 ALTERNATOR: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)
- Table 71 ALTERNATOR: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)
- Table 72 BATTERY: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)
- Table 73 BATTERY: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)
- Table 74 RECTIFIER: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 ('000 UNITS)
- Table 75 RECTIFIER: TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)
- Table 76 TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (000' UNITS)
- Table 77 TRAIN LIGHTING MARKET, BY REGION, 2015–2025 (USD MILLION)
- Table 78 ASIA OCEANIA: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 ('000 UNITS)
- Table 79 ASIA OCEANIA: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 (USD MILLION)
- Table 80 CHINA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)
- Table 81 CHINA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)
- Table 82 INDIA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)
- Table 83 INDIA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)
- Table 84 JAPAN: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)
- Table 85 JAPAN: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)
- Table 86 SOUTH KOREA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)
- Table 87 SOUTH KOREA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)
- Table 88 EUROPE: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 ('000

UNITS)

Table 89 EUROPE: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 (USD MILLION)

Table 90 GERMANY: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 91 GERMANY: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 92 FRANCE: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 93 FRANCE: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 94 UK: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 95 UK: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 96 NORTH AMERICA: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 ('000 UNITS)

Table 97 NORTH AMERICA: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 (USD MILLION)

Table 98 CANADA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 99 CANADA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 100 MEXICO: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 101 MEXICO: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 102 US: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 103 US: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 104 ROW: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 ('000 UNITS)

Table 105 ROW: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 (USD MILLION)

Table 106 BRAZIL: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 107 BRAZIL: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 108 RUSSIA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 ('000 UNITS)

Table 109 RUSSIA: TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Table 110 RECENT DEVELOPMENTS, 2015–2017

List Of Figures

LIST OF FIGURES

Figure 1 TRAIN LIGHTING MARKET: MARKET SEGMENTATION

Figure 2 TRAIN LIGHTING MARKET: RESEARCH DESIGN

Figure 3 RESEARCH DESIGN MODEL

Figure 4 BREAKDOWN OF PRIMARY INTERVIEWS

Figure 5 RAILWAY INFRASTRUCTURE INVESTMENT FOR KEY COUNTRIES FROM 2010–2015 (USD BILLION)

Figure 6 INTRODUCTION OF HIGH-SPEED TRAIN WILL IMPACT TRAIN LIGHTING MARKET

Figure 7 TRAIN LIGHTING MARKET: BOTTOM-UP APPROACH

Figure 8 DATA TRIANGULATION

Figure 9 TRAIN LIGHTING MARKET OVERVIEW, 2017–2025

Figure 10 TRAIN LIGHTING MARKET, BY ROLLING STOCK TYPE, 2015–2025 (USD MILLION)

Figure 11 TRAIN LIGHTING MARKET, BY POSITION, 2015–2025 (USD MILLION)

Figure 12 TRAIN LIGHTING MARKET, BY APPLICATION, 2015–2025

Figure 13 TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2017–2025 (USD MILLION)

Figure 14 TRAIN LIGHTING MARKET, BY COMPONENT, 2025 (USD MILLION)

Figure 15 TRAIN LIGHTING MARKET, BY COUNTRY, 2017–2025 (USD MILLION)

Figure 16 INCREASING DEMAND FOR COMFORT & SAFETY FEATURES IN ROLLING STOCK TO DRIVE THE TRAIN LIGHTING MARKET DURING THE FORECAST PERIOD

Figure 17 FREIGHT WAGON & EMU ARE ESTIMATED TO HOLD MORE THAN 60% MARKET SHARE OF TRAIN LIGHTING MARKET, 2017 (USD MILLION)

Figure 18 INTERIOR LIGHTING SEGMENT IS ESTIMATED TO DOMINATE THE TRAIN LIGHTING MARKET, 2017–2025 (USD MILLION)

Figure 19 TRAIN MARKER LIGHTS ARE ESTIMATED TO HOLD THE LARGEST MARKET SHARE FROM 2015 TO 2025 (USD MILLION)

Figure 20 LED IS ESTIMATED TO BE THE LARGEST AND FASTEST GROWING MARKET, BY TECHNOLOGY, 2017–2025 (USD MILLION)

Figure 21 RECTIFIER IS ESTIMATED TO WITNESS THE HIGHEST GROWTH IN THE TRAIN LIGHTING MARKET, 2017–2025 (USD BILLION)

Figure 22 SOUTH KOREA IS ESTIMATED TO WITNESS THE FASTEST GROWTH IN THE TRAIN LIGHTING MARKET, 2017–2025

Figure 23 ASIA OCEANIA IS ESTIMATED TO HOLD THE LARGEST SHARE OF THE TRAIN LIGHTING MARKET IN 2017 (USD MILLION)

Figure 24 TRAIN LIGHTING: MARKET DYNAMICS

Figure 25 TRAIN LIGHTING MARKET, BY ROLLING STOCK TYPE, 2015–2025 (USD MILLION)

Figure 26 TRAIN LIGHTING MARKET, BY POSITION, 2015–2025 (USD MILLION)

Figure 27 TRAIN LIGHTING MARKET, BY APPLICATION, 2015–2025 (USD MILLION)

Figure 28 TRAIN LIGHTING MARKET, BY TECHNOLOGY, 2015–2025 (USD MILLION)

Figure 29 TRAIN LIGHTING MARKET, BY COMPONENT, 2015–2025 (USD MILLION)

Figure 30 TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 (USD MILLION)

Figure 31 ASIA OCEANIA: TRAIN LIGHTING MARKET SNAPSHOT

Figure 32 EUROPE: TRAIN LIGHTING MARKET, BY COUNTRY, 2015–2025 (USD MILLION)

Figure 33 TRAIN LIGHTING MARKET RANKING: 2017

Figure 34 COMPANIES ADOPTED EXPANSION AND SUPPLY CONTRACT AS A KEY GROWTH STRATEGY

Figure 35 TOSHIBA: COMPANY SNAPSHOT

Figure 36 TOSHIBA: SWOT ANALYSIS

Figure 37 GENERAL ELECTRIC: COMPANY SNAPSHOT

Figure 38 GENERAL ELECTRIC: SWOT ANALYSIS

Figure 39 HITACHI: COMPANY SNAPSHOT

Figure 40 HITACHI: SWOT ANALYSIS

Figure 41 KOITO: COMPANY SNAPSHOT

Figure 42 KOITO: SWOT ANALYSIS

Figure 43 FEDERAL-MOGUL: COMPANY SNAPSHOT

Figure 44 FEDERAL-MOGUL: SWOT ANALYSIS

Figure 45 OSRAM: COMPANY SNAPSHOT

Figure 46 GRUPO ANTOLIN: COMPANY SNAPSHOT

I would like to order

Product name: Train Lighting Market by Technology (Fluorescent, Halogen, LED, Xenon), Position (Interior, Exterior), Rolling Stock (Diesel, Electric, DMU, EMU, Metros, Light Rail, Passenger & Freight Wagon), Application, Component, and Region - Global Forecast to 2025

Product link: <https://marketpublishers.com/r/T0825C4182EEN.html>

Price: US\$ 5,650.00 (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/T0825C4182EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970