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# Lighting Fixtures: United States

May 2018



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# Table of Contents

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<b>1. Highlights</b>	<b>3</b>
<b>2. Market Environment</b>	<b>5</b>
Historical Trends	5
Key Economic Indicators	6
Trade	7
Environmental & Regulatory Factors	8
<b>3. Segmentation &amp; Forecasts</b>	<b>10</b>
Products	10
Outdoor Nonportable	12
Industrial-Type & Other Indoor Nonportable	12
Portable	13
Parts & Accessories	14
Markets	16
Residential Construction	17
Nonresidential Construction	17
Nonbuilding Construction	18
Consumer & Commercial	18
<b>4. Industry Structure</b>	<b>20</b>
Industry Characteristics	20
Market Share	21
Acuity Brands	22
Signify	23
Eaton	24
<b>5. About This Report</b>	<b>25</b>
Scope & Method	25
Sources	26
Industry Codes	26
Resources	27

# List of Tables & Figures

---

Figure 1   Key Trends in the US General Purpose Lighting Fixture Market, 2017 – 2022	4
Figure 2   US General Purpose Lighting Fixture Demand Trends, 2007 – 2017	5
Table 1   Key Indicators for US General Purpose Lighting Fixture Demand, 2007 – 2022 (US\$ bil)	6
Figure 3   US General Purpose Lighting Fixture Trade, 2007 – 2017 (US\$ mil)	7
Table 2   US General Purpose Lighting Fixture Trade, 2007 – 2022 (US\$ mil)	7
Table 3   US Lighting Fixture Primary Regulatory Framework	9
Figure 4   US General Purpose Lighting Fixture Demand by Product, 2007 – 2022 (US\$ mil)	10
Table 4   US General Purpose Lighting Fixture Demand by Product, 2007 – 2022 (US\$ mil)	10
Figure 5   US General Purpose Lighting Fixture Demand by Product, 2007 – 2022 (%)	15
Figure 6   US General Purpose Lighting Fixture Demand by Market, 2007 – 2022 (US\$ mil)	16
Table 5   US General Purpose Lighting Fixture Demand by Market, 2007 – 2022 (US\$ mil)	16
Figure 7   US General Purpose Lighting Fixture Demand by Market, 2007 – 2022 (%)	19
Figure 8   US General Purpose Lighting Fixture Market Share by Company, 2017 (%)	21
Table 6   Leading Suppliers to the US General Purpose Lighting Fixture Market by Product	22
Table 7   Industry Codes Related to General Purpose Lighting Fixtures	26

# About This Report

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## Scope & Method

This report forecasts to 2022 US general purpose lighting fixture demand and shipments in nominal US dollars at the manufacturer level. Total demand is segmented by product in terms of:

- outdoor nonportable
- industrial-type and other indoor nonportable
- portable
- parts and accessories

Total demand is also segmented by market as follows:

- residential construction
- nonresidential construction
- nonbuilding construction
- consumer and commercial

To illustrate historical trends, total demand is provided in annual series from 2007 to 2017; shipments and the various segments are reported at five-year intervals for 2007, 2012, and 2017.

The scope of this report is limited to fixtures used in general purpose lighting applications. Motor vehicles, machinery, and applications in which lights are used as signals or indicators are excluded.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or  $r^2$ . The most stable data series relative to the trend carries an  $r^2$  value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

## Sources

*Lighting Fixtures: United States* (FF60029) is based on [General Purpose Lighting Fixtures in the US](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

## Industry Codes

Table 7 | Industry Codes Related to General Purpose Lighting Fixtures

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
335121	Residential Electric Lighting Fixture Mfg	3645	Residential Electric Lighting Fixtures
335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Mfg	3646	Commercial, Industrial, and Institutional Electric Lighting Fixtures
335129	Other Lighting Equipment Mfg	3648	Lighting Equipment, NEC
335311	Power, Distribution, & Specialty Transformer Mfg	3612	Power, Distribution, and Specialty Transformers

Source: US Census Bureau

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## Resources

### The Freedonia Group

*General Purpose Lighting Fixtures in the US*, May 2018

### Freedonia Industry Studies

*General Purpose LEDs & Other High-Efficiency Lighting in the US*, March 2018

*Home Kitchen & Bathroom Remodeling*, March 2018

*Silicones Market in the US*, February 2018

*Landscaping Products Market in the US*, October 2017

*Global Silicones Market*, June 2017

*Circuit Breakers & Fuses*, September 2016

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*enLIGHTenment*

*Hardware Retailing*

*HBS Dealer*

*HFN*

*LD+A*

*LEDs Magazine*

*lightED*

### Agencies & Associations

American Home Furnishings Alliance

BuildingGreen

DesignLights Consortium

Illuminating Engineering Society

International Dark-Sky Association

Lighting Research Center

Midwest Energy Efficiency Alliance

National Electrical Manufacturers Association

## About This Report

North American Retail Hardware Association  
Northeast Energy Efficiency Partnerships  
Northwest Energy Efficiency Alliance  
South-central Partnership for Energy Efficiency as a Resource  
Southeast Energy Efficiency Alliance  
Southwest Energy Efficiency Project  
United States Census Bureau  
United States Department of Commerce  
United States Department of Energy  
United States Environmental Protection Agency  
United States Green Building Council  
United States International Trade Commission