





- Region (All)   Choose Region Here
- Application (All)   Choose End use Application Here
- Value Type Lamp Revenues (\$M)   Choose Value (Units, Revenues or Installed Base)
- Shape (All)   Choose Lamp Shape (A, Reflector, MR16, or T-lamps)

Sum of Value		Column Labels					
Row Labels	CFL	Fluorescent	Halogen	Incandescent	LED Replacement	Grand Total	
2019	1988.3	1891.9		1199.5	615.8	10634.1	16329.6
2020	1483.5	1731.0		909.1	485.3	10912.3	15521.3
2021	1085.4	1544.4		590.0	374.5	11103.1	14697.4
2022	768.1	1354.4		452.1	287.5	10569.0	13431.0
2023	587.0	1160.6		358.2	218.9	9932.4	12257.0
2024	289.5	613.7		165.8	81.7	8183.6	9334.2
<b>Grand Total</b>	<b>6201.7</b>	<b>8295.9</b>		<b>3674.7</b>	<b>2063.7</b>	<b>61334.5</b>	<b>81570.4</b>

Region ▾ Application ▾ Value Type ▾ Shape ▾

Sum of Value

12000.0

10000.0

8000.0

6000.0

4000.0

2000.0

0.0

2019

2020

2021

2022

2023

2024

Year ▾

Technology ▾

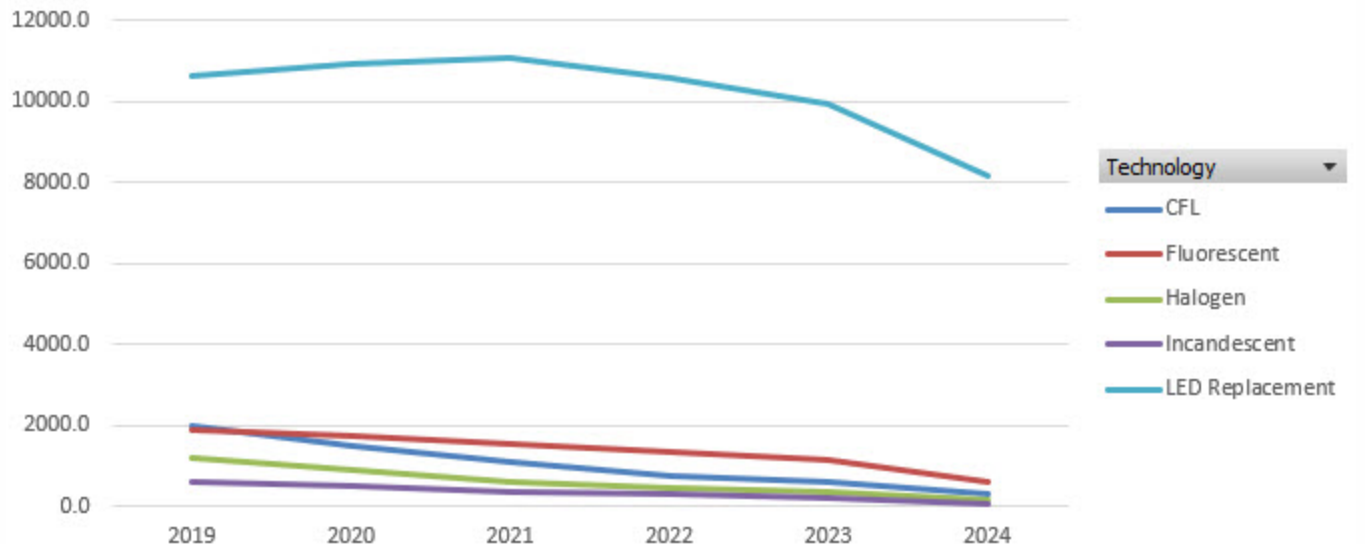
— CFL

— Fluorescent

— Halogen

— Incandescent

— LED Replacement



## PRODUCT DEFINITIONS

The following lamp shapes comprise most of the lamp market today, and therefore are the focus of this report. All consolidated data listed in this report includes only the shapes described below:

- **A-lamps** - A17, A19, and A21 (A55, A60, and A66 where the metric system is used) - Diameter of bulb is 2.125 inches (55 mm) for an A17, 2.38 inches (60 mm) for an A19, and 2.63 inches (66 mm) for and A21 lamp. For the purposes of this report, lamps of other technologies may not fit these exact measurements, but are marketed and used as direct replacements (E.G. a spiral CFL)
- **Reflector Lamps** - Use a device inside the lamp to redirect light by the process of reflection. Lamp types for this report include: PAR (Parabolic Aluminized Reflector); spotlights; floodlights; R, BR, and ER lamp shapes. Note: MR (Multifaceted Reflector) lamps are not included in this category.
- **MR (Multifaceted reflector) Lamps** - Have a pressed glass reflector on the inside surface composed of facets and covered by a reflective coating. The reflective coating of MR lamps can be either dichroic or aluminum. In some regions, MR16 (50 mm diameter) lamps that use a GU10 socket are referred to as GU10 lamps. For the purpose of this report, all MR16 lamps, regardless of base, will be labeled as MR16 lamps.



## PRODUCT DEFINITIONS

- **T-Lamps:** Are generally low-pressure discharge fluorescent lamps that consists of a glass tube coated with phosphors, trace amounts of mercury, and an electrode at each end of a tube. The tube can be linear, U-shaped, or circular. T-lamps are characterized by their diameter (T-designation) and length in inches. The T-designation is in terms of 1/8-inch increments. For example, a T-5 lamp is 5 x 1/8, or 5/8 inch in diameter; a T-12 is 12 x 1/8, or 1 1/2 inches in diameter. For the purpose of this report, SU is only taking into consideration T-5 through T-12 shipments for this report, as these are the most commonly used tube diameter sizes.

## APPLICATION DEFINITIONS

- **Hospitality** – Locations that provide accommodation services, food and/or beverages. Application is mostly comprised of: restaurants, bars and clubs, hotels and motels
- **Retail** – Locations where finished products are sold to end-user consumers
- **Office** – A location where administrative work takes place for business purposes
- **Industrial / Warehousing** – Locations where primary sector end products are used to construct completed products, and locations where goods are stored for future use or transportation
- **Healthcare** – Locations that provide preventive, rehabilitative, curative, or promotional healthcare services to individuals, families, communities
- **Residential** – A place that is considered the primary or secondary dwelling location for an individual or group of individuals
- **Other** – All other building applications, including government, entertainment, educational, public assembly, public order and safety, religious worship, etc.

## REGIONAL DEFINITIONS

**North America** – United States and Canada

**Western Europe** – BENELUX, Germany, Austria, Switzerland, Spain, Portugal, Italy, Greece, Nordic Countries, UK, Turkey, Poland, and the Czech Republic

**China** – Country of China

**Eastern Europe** – Estonia, Latvia, Lithuania, Slovakia, Hungary, Romania, Slovenia, Croatia, Albania, Bosnia Herzegovina, Kosovo, Macedonia, Montenegro, Ukraine, and Russia

**Latin America** – Mexico, South America, Central America, and The Caribbean

**Rest of World (ROW)** – Middle East (Israel, Egypt, and all countries within the Arabian Peninsula) & Africa (all countries on the African continent), Australia & New Zealand, India, Pakistan & Bangladesh, Malaysia, Singapore, South Korea, Taiwan, Thailand, and Rest of Asia