

Electric Lighting Fixtures

2000

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Current
Industrial
Reports

Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1998 Manufacturing Profiles, issued December 2000.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: www.stat-usa.gov/.

NOTE. Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see www.census.gov/epcd/www/naics.html.

SUMMARY OF FINDINGS

During 2000, the total value of shipments of electric lighting fixtures was \$7,390.8 million. This represents a 4.1-percent increase from the 1999 total value of \$7,102.1 million. The 2000 data includes residential type fixtures, \$1,215.9 million, an increase of 9.9 percent from 1999; commercial and institutional type fixtures, \$3,487.1 million, an increase of 1.6 percent from 1999; industrial type fixtures, \$758.8 million, a decrease of 0.11 percent from 1999; and outdoor lighting equipment, \$1,929 million, an increase of 2.7 percent from 1999. Vehicular lighting equipment data were discontinued in 1992.

Address inquiries concerning these data to Investment Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Vance Davis, 301-457-4790.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

U S C E N S U S B U R E A U

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U.S. Department of Commerce
Economics and Statistics Administration
U.S. Census Bureau



Table 1. Value of Shipments of Electric Lighting Fixtures: 1991 to 2000
[Millions of dollars]

Product code	Product description	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991
	Electric lighting fixtures 1/.....	7,390.8	7,102.1	6,763.6	6,775.9	6,207.2	5,930.4	5,548.0	5,115.0	4,720.1	4,426.0
3351211000	Residential type.....	1,215.9	1,106.4	1,038.7	1,058.8	1,036.2	983.8	1,025.1	996.5	898.2	760.9
3351221000	Commercial and institutional type (except spotlight).....	3,487.1	3,431.3	3,193.1	3,080.0	2,903.1	2,797.3	2,633.7	2,390.8	2,221.2	2,164.8
3351222000	Industrial type.....	758.8	685.7	737.0	787.1	682.2	676.3	554.9	493.4	442.1	446.4
3363211000	Vehicular lighting equipment.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,616.1
3351291000	Outdoor lighting equipment.....	1,929.0	1,878.7	1,794.8	1,850.0	1,585.7	1,473.0	1,334.2	1,234.2	1,158.6	1,053.9

NA Not available.

1/Excludes product code 3363211000," Vehicular lighting equipment," which is not available after 1991.

Table 2. Quantity and Value of Shipments of Electric Lighting Fixtures: 2000 and 1999
[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000				1999			
			Quantity		Value		Quantity		Value	
335121	Electric lighting fixtures, residential type.....	107	(X)	b/	1,215,928		(X)	b/	1,106,292	
	Incandescent, excluding PAR lampholders and floodlights:									
	Interior, including bath or kitchen:									
3351211102	Ceiling or pendant.....	64	c/	17,213	c/	317,793	c/r/	15,594	c/r/	295,502
3351211104	Wall or bracket.....	54	b/	3,580	c/	94,877	c/r/	3,719	c/r/	83,597
	Track lighting:									
3351211206	Single circuit track lengths and accessories 1/.....	3	(X)		(D)		(X)		(D)	
3351211208	Multiple circuit track lengths and accessories 1/.....	3	(X)		(D)		(X)		(D)	
3351211211	Line voltage heads 1/.....	1	(D)		(D)		(D)		(D)	
3351211212	Low voltage heads 1/.....	1	(D)		(D)		(D)		(D)	
3351211214	Track lengths and heads, sold together (kits) 1/.....	2	(X)		12,383		(X)		4,517	
3351211216	Recessed IC (direct contact with ceiling insulation) 2/.....	6	(D)		(D)		(D)		(D)	
3351211218	Recessed non-IC (3-inch minimum clearance from ceiling insulation) 2/.....	6		21,630		253,410	r/	17,491	r/	211,058
	Outdoor:									
3351211221	Designed for attachment to house.....	36	c/	3,627	c/	45,653	c/r/	3,377	c/	44,665
3351211222	Custom lighting (lanterns, etc.).....	6		45		496	r/	49	r/	517
3351211224	Not designed for attachment to house (garden, patio, yard).....	27	a/	14,721	a/	197,703	a/	13,428	a/	163,841
	Fluorescent:									
	Wraparounds:									
3351211321	4 foot, 2 lamp 3/.....	7	(D)		(D)		(D)		(D)	
3351211322	4 foot, 4 lamp 3/.....	9	(D)		(D)		(D)		(D)	
3351211324	All other residential wraparounds 3/..	10	c/	3,817	c/	80,257	c/	4,059	c/	78,881
3351211328	Ceiling mounted decorative.....	24	c/	5,598	a/	98,806	c/	5,220	a/	93,677
3351211331	Ceiling mounted general-purpose.....	14	c/	6,774	c/	72,486	c/	7,517	b/	82,143
3351211332	Pendant.....	7		629		6,343		612		5,437
3351211334	Recessed IC (direct contact with ceiling insulation) 4/.....	2	(D)		(D)		(D)		(D)	
3351211336	Recessed non-IC (3-inch minimum clearance from ceiling insulation) 4/.....	2		96		6,339		151		8,922
3351211338	Wall or bracket.....	25	c/	957	b/	13,786	c/	1,201	b/	15,903
3351211341	Components and renewal parts for residential type, sold separately.....	31	(X)	a/	15,596		(X)	a/	17,632	
3351221	Electric lighting fixtures, commercial and institutional type (except portable and spotlight).....	184	(X)	c/	3,487,133		(X)	a/r/	3,431,316	
	Incandescent fixtures:									
	Utilitarian and ornamental types (primarily for public buildings, banks, stores, office buildings, schools, auditoriums, churches, theaters, etc.):									
3351221102	Surface or pendant.....	61	b/	1,120	b/	82,275	b/r/	1,156	b/	109,242
	Recessed:									
3351221104	IC (direct contact with ceiling insulation).....	12	b/	8,270	b/	86,114		6,976		73,067
3351221106	Non-IC (3-inch minimum clearance from ceiling insulation).....	19	c/	12,681	b/	174,079		11,590		160,513
	Track lighting:									
3351221108	Single circuit track lengths and accessories.....	10	(X)	b/	71,210		(X)		66,636	
3351221111	Multiple circuit track lengths and accessories.....	6	(X)	c/	6,374		(X)	a/	6,455	
3351221112	Line voltage heads.....	7	(S)	a/	28,263		(S)		25,669	
3351221114	Low voltage heads	8	(S)	c/	27,489		(S)		26,106	

Continued

Table 2. Quantity and Value of Shipments of Electric Lighting Fixtures: 2000 and 1999
[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000				1999			
			Quantity		Value		Quantity		Value	
3351221116	Track lengths and heads, sold together (kits)	5	b/	170	a/	7,022		166	a/	2,529
3351221118	Specialized custom lighting fixtures, chandeliers, church lighting, etc.	34		(X)	a/	86,013		(X)	a/	83,228
3351221121	Other incandescent fixtures, such as interior display and PAR lampholders.....	18		(X)	c/	15,073		(X)	c/	15,553
	High intensity discharge types:									
3351221222	Surface or pendant 5/.....	37		(D)		(D)		(D)		(D)
3351221224	Indirect lighting 5/.....	15	a/r/	277	a/	67,151	r/	246		59,735
	Recessed non-IC (3-inch minimum clearance from ceiling insulation):									
3351221226	Open reflector.....	20		758	a/	32,369	c/r/	725	a/	25,634
3351221228	Enclosed.....	18		226	a/	14,249	c/r/	201	r/	13,922
	Recessed IC (direct contact with ceiling insulation):									
3351221231	Open reflector 6/.....	4		(D)		(D)		(D)		(D)
3351221232	Enclosed 6/.....	5	c/r/	27	c/	3,946	c/r/	16	b/	3,260
	Fluorescent:									
	Recessed troffers, airhandling, including heat extraction versions:									
	Lensed:									
3351221333	2 feet X 4 feet, 4 lamp	13		173		9,101		150		7,889
3351221334	2 feet X 4 feet, 3 lamp	9		143		7,102		73		4,068
3351221335	2 feet X 4 feet, 2 lamp	10		192		9,913		153		7,825
3351221336	All other lensed, airhandling	14		134		10,082		158		11,491
	Metal louvered:									
3351221337	2 feet X 4 feet, 4 lamp.....	9		146		8,981		110		7,331
3351221338	2 feet X 4 feet, 3 lamp.....	10		721		40,905		715		42,476
3351221339	2 feet X 4 feet, 2 lamp.....	10		187		11,776		170		11,295
3351221340	All other metal louvered, air-handling.....	12		2,245		126,489		2,247		130,868
	Nonmetal louvered:									
3351221341	2 feet X 4 feet, 4 lamp 7/.....	1		(D)		(D)		(D)		(D)
3351221342	2 feet X 4 feet, 3 lamp 7/.....	2		(D)		(D)		(D)		(D)
3351221343	2 feet X 4 feet, 2 lamp 7/.....	2		(D)		(D)		(D)		(D)
3351221344	All other nonmetal louvered, air-handling 7/.....	6		105		8,872		56		5,665
	Recessed troffers, nonair-handling, including heat extraction versions:									
	Lensed:									
3351221401	2 feet X 4 feet, 4 lamp.....	27		4,750		187,067		4,758		185,690
3351221402	2 feet X 4 feet, 3 lamp.....	21		1,963		87,300		1,890		86,763
3351221403	2 feet X 4 feet, 2 lamp.....	21		929		40,212		962		42,620
3351221404	All other lensed, nonair-handling.....	28		4,665		197,292		4,624		190,181
	Metal louvered:									
3351221405	2 feet X 4 feet, 4 lamp.....	14		470		28,710		384		24,617
3351221406	2 feet X 4 feet, 3 lamp.....	13		1,681		97,089		1,633		96,952
3351221407	2 feet X 4 feet, 2 lamp.....	12		195		11,636		193		11,484
3351221408	All other metal louvered, nonairhandling.....	17		1,074	a/	58,988	a/	1,009	a/	61,251
	Nonmetal louvered:									
3351221409	2 feet X 4 feet, 4 lamp.....	9	a/	35	b/	1,476	a/	38	b/	1,676
3351221411	2 feet X 4 feet, 3 lamp.....	8	c/	22	c/	1,197	c/	22	c/	1,227
3351221412	2 feet X 4 feet, 2 lamp.....	8	b/	8	b/	434	b/	7	b/	392
3351221413	All other nonmetal louvered, nonairhandling.....	12	a/	240		21,890	b/	158	a/	11,539
3351221546	Striplights (surface).....	53		11,634		269,168		11,350		256,651
3351221548	Striplights (recessed).....	12		248		8,100		274		9,338
3351221751	Ceiling systems, including luminous ceilings.....	15		(X)	c/	38,313		(X)	c/	40,491

Continued

Table 2. Quantity and Value of Shipments of Electric Lighting Fixtures: 2000 and 1999
[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000				1999			
			Quantity		Value		Quantity		Value	
	Plastic wraparounds:									
3351221601	4 foot, 2 lamp.....	30		2,489		73,593		2,524		71,089
3351221602	4 foot, 4 lamp.....	24		1,012		35,525		1,170		37,758
3351221603	All other plastic commercial and institutional wraparounds.....	28	a/	2,441	b/	81,430	a/	2,112	b/	69,073
3351221754	Wall mounted fixtures.....	61	b/	1,041	b/	85,308	b/	1,001	b/	84,978
3351221756	Under cabinet mount task light.....	39	a/	3,107		100,936	a/	3,087	a/	99,125
	Surface and pendant, all other:									
3351221758	Lensed.....	55	c/	5,187	b/	162,808	c/	5,105	b/r/	199,681
3351221761	Louvered.....	30		361		44,629	r/	364	r/	37,593
	Compact fluorescent downlights:									
3351221762	Recessed IC (direct contact with ceiling insulation).....	13		3,244	a/	72,391	c/r/	3,121	a/	64,358
3351221764	Recessed non-IC (3-inch minimum clearance from ceiling insulation).....	19	b/	2,134	a/	159,816	a/	1,986	a/r/	136,139
	Specific function lighting, all sources (incandescent, HID and fluorescent):									
3351221766	Enclosed and gasketed (clean room fixtures).....	36	b/	723	b/	60,922	a/	704	b/r/	57,403
3351221768	Indirect lighting, furniture mount 8/.....	9		(D)		(D)		(D)		(D)
3351221771	Indirect lighting, pendant mount 8/.....	18	r/	1,170		85,378	r/	753		43,864
3351221772	Indoor signs, including electroluminescence (exit, directional, etc.).....	32	a/	2,133	a/	132,693	b/r/	2,689	b/r/	177,418
3351221774	Indoor emergency lighting (automatic self-powered).....	17		2,058	a/	96,166	r/	1,998	r/	98,258
3351221776	Vandal resistant (specialty products designed for this application).....	24	c/	472	b/	38,241	b/	507	b/	37,236
3351221778	All other.....	42		(X)	c/	156,462		(X)	c/	152,175
3351221881	Components and renewal parts for commercial and institutional type, sold separately.....	46		(X)	b/	117,115		(X)	b/	143,839
3351222	Electric lighting fixtures, industrial type.....	74		(X)	b/	758,801		(X)	a/	685,722
	General lighting (except portable):									
3351222102	Incandescent.....	18	c/	552	b/	13,623	b/	600	c/	13,938
3351222104	Fluorescent.....	36		3,111	a/	135,406		2,955	a/	122,584
	High intensity discharge types, including integrally mounted and remote ballasts:									
3351222106	Open reflector.....	19		2,277		176,193		1,878		162,895
3351222108	Enclosed.....	20		1,531	a/	170,235		1,403		148,674
3351222111	Parking garage lighting (fixtures designed specifically for this application).....	10		364	c/	79,334	r/	149	r/	65,123
	Hazardous lighting--UL listed, class, division, group:									
3351222112	Incandescent, including portable.....	11		(X)	b/	23,249		(X)		22,889
3351222114	Fluorescent, including portable.....	17		(X)	b/	20,105		(X)	b/	25,333
3351222116	High intensity discharge types, including integrally mounted and remote ballasts.....	14		(X)	b/	87,671		(X)		78,528
3351222218	Components and renewal parts for industrial type, sold separately.....	25		(X)	b/	52,985		(X)	b/r/	45,758
335129	Outdoor lighting equipment, excluding lamps.....	111		(X)	b/	1,928,971		(X)	b/	1,878,732
	Street and highway lighting luminaries, including bridge and tunnel lighting:									
3351291002	Incandescent (filament and quartz iodine) 9/.....	3		(D)		(D)		(D)		(D)

Continued

Table 2. Quantity and Value of Shipments of Electric Lighting Fixtures: 2000 and 1999
[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000				1999			
			Quantity		Value		Quantity		Value	
	High intensity discharge types, including low pressure sodium and integrally mounted and remote ballasts:									
3351291004	Open 9/.....	3	a/	561	a/	20,083	a/r/	2,721	a/r/	51,945
3351291006	Enclosed.....	14	b/	1,376	b/	162,057		1,308		129,950
3351291008	Fluorescent 10/.....	2		(D)		(D)		(D)		(D)
3351291011	Special-purpose luminaries for highmast, sign lighting, and expressway fixtures, excluding value of poles 10/.....	7		107		24,957		90		14,217
	Floodlighting, area, and site lighting luminaries:									
	General-purpose floodlighting:									
3351291012	Incandescent filament.....	8	c/	163	c/	14,787	c/r/	120	c/r/	11,258
3351291014	Incandescent quartz iodine.....	13	c/	447	c/	9,161	c/	441	b/	8,756
3351291016	High intensity discharge types, general, including low pressure sodium and integrally mounted and remote ballasts.....	33	b/	1,384	a/	237,296	b/	1,475		249,174
3351291018	Fluorescent.....	12		423		20,721	r/	379	r/	19,262
3351291021	HID sportslighting (fixtures designed specifically for this application).....	14	a/	252	a/	40,147	a/	267	a/	41,269
	HID area and site lighting:									
3351291022	Site lighting (under 20-foot mounting).....	30	c/	1,408	c/	131,304	c/	1,350	b/	129,405
3351291024	Bollards.....	20	b/	83	b/	25,743	b/	94	b/	26,166
3351291026	Post-top.....	15	b/	137	b/	26,177		144		27,635
3351291028	Large area lighting (20- to 60-foot mounting).....	27	b/r/	826	b/	253,776	b/r/	829	b/	233,377
3351291031	Wall packs (such as high intensity discharge, incandescent, and quartz).....	33	b/	1,411	b/	148,843	a/	1,531	b/	155,695
3351291032	Outdoor PAR lampholders.....	10	b/	676	b/	9,795	a/	705		10,599
	Other floodlighting and area lighting equipment:									
3351291034	Spotlights, including indoor and stage and excluding vehicular.....	8	c/	402	c/	111,349	c/	373	a/	102,023
3351291036	All other outdoor lighting equipment (such as underwater fountain and pool lighting).....	21		(X)	b/	136,601		(X)	a/r/	134,693
	Aviation ground lighting equipment (for fixed-based airports):									
3351291038	Runway approach lighting, including fixtures, regulators, insulating transformers, isolating lamp transformers, beacons, wind tees, and cones.....	6		(X)		5,087		(X)	b/r/	8,837
3351291041	Runway (except runway approach), taxiway, and ramp light, including fixtures, regulators, and isolating lamp transformers.....	4		(X)		33,657		(X)	r/	31,949
3351291042	Components and renewal parts for outdoor lighting equipment, sold separately.....	29		(X)	a/	66,576		(X)	a/	53,608
	Poles, standards, newels, brackets, and accessories:									
	For street and highway lighting, including traffic signal standards:									
3351291044	Steel and cast iron poles.....	11		(X)	c/	125,842		(X)	c/	110,542
3351291046	Aluminum poles	10		(X)		41,335		(X)		44,195
3351291048	Concrete poles 11/	1		(X)		(D)		(X)		(D)
3351291051	All other (fiberglass, wood, etc.) 11/...	2		(X)	c/r/	74,287		(X)	c/r/	72,826

Continued

Table 2. Quantity and Value of Shipments of Electric Lighting Fixtures: 2000 and 1999
[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
	For area lighting, sports and other off-street use:					
3351291052	Steel and cast iron poles (60-foot and over).....	8	(X) b/	24,232	(X) c/	21,284
3351291054	Steel and cast iron poles (under 60-foot).....	21	(X) c/	141,704	(X) b/	138,509
3351291056	Aluminum poles.....	23	(X) b/	43,454	(X) b/	51,558
3351291058	All other (concrete, wood, etc.) 11/.....	6	(X)	(D)	(X)	(D)

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.
S Data does not meet publication standards. X Not applicable.

1/Product codes 3351211206, 3351211208, 3351211211, and 3351211212 are combined with product code 3351211214 to avoid disclosing data for individual companies.

2/Product code 3351211216 is combined with product code 3351211218 to avoid disclosing data for individual companies.

3/Product codes 3351211321 and 3351211322 are combined with product code 3351211324 to avoid disclosing data for individual companies.

4/Product code 3351211334 is combined with product code 3351211336 to avoid disclosing data for individual companies.

5/Product code 33512211222 is combined with product code 3351221224 to avoid disclosing data for individual companies.

6/Product code 3351221231 is combined with product code 3351221232 to avoid disclosing data for individual companies.

7/Product codes 3351221341, 3351221342, and 3351221343 are combined with product code 3351221344 to avoid disclosing data for individual companies.

8/Product code 3351221768 is combined with product code 3351221771 to avoid disclosing data for individual companies.

9/Product code 3351291002 is combined with product code 3351291004 to avoid disclosing data for individual companies.

10/Product code 3351291008 is combined with product code 3351291011 to avoid disclosing data for individual companies.

11/Product codes 3351291048 and 3351291058 are combined with product code 3351291051 to avoid disclosing data for individual companies.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 3. Shipments, Exports, and Imports of Electric Lighting Fixtures: 2000
[Millions of dollars]

Product description	Manufacturers' shipments f.o.b. plant (value)	Exports of domestic merchandise 1/		Imports for consumption 1/	
		Quantity	Value at port 2/	Quantity	Value in foreign country 3/
Electric lighting fixtures, residential type (except portable), excluding components and renewal parts.....	1,215,928	1,647,095	42,191	102,684,596	940,226
Electric lighting fixtures, commercial, institutional and industrial types, excluding components and renewal parts.....	4,245,934	2,314,182	92,929	25,585,480	407,999
Other electric lighting fixtures.....	1,928,971	16,861,641	247,851	300,208,477	1,285,052

1/For comparison of North American Industry Classification System (NAICS)-based codes with Schedule B export numbers and HTSUSA import numbers, see Table 4.

2/Source: Census Bureau report EM 545, U.S. Exports.

3/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

Table 4. Comparison of the North American Industry Classification System-Based Product Codes with Schedule B Exports Numbers, and HTSUSA Import Numbers: 2000

Product code	Product description	Export number/1	Import number/2
3351211102, 104, 206, 208, 211, 212, 214, 216, 218, 221, 222, 224, 321, 322, 324, 328, 331, 332, 334, 336, 338, 341	Electric lighting fixtures, residential type (except portable).....	9405.10.1000	9405.10.4010 9405.10.6010 9405.10.8010
3351221102, 104, 106, 108, 111, 112, 114, 116, 118, 121, 222, 224, 226, 228, 231, 232, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 401, 402, 403, 404, 405, 406, 407, 408, 409, 411, 412, 413, 546, 548, 601, 602, 603, 751, 754, 756, 758, 761, 762, 764, 766, 768, 771, 772, 774, 776, 778, 881, 3351222102, 104, 106, 108, 111, 112, 114, 116, 118	Electric lighting fixtures, commercial, institutional and industrial type.....	9405.10.3000	9405.10.4020 9405.10.6020 9405.10.8020
3351291002, 004, 006, 008, 011, 012, 014, 016, 018, 021, 022, 024, 026, 028, 031, 032, 034, 036, 038, 041, 042, 044, 046, 048, 051, 052, 054, 056, 058	Other electric lighting fixtures.....	9405.40.0000 9405.92.0000 9405.99.0000	9405.40.4000 9405.40.6000 9405.40.8000 9405.92.0000 9405.99.2000 9405.99.4000

1/Source: 2000 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Source: Harmonized Tariff Schedule of the United States, Annotated (2000).