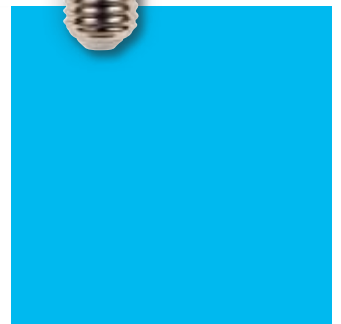
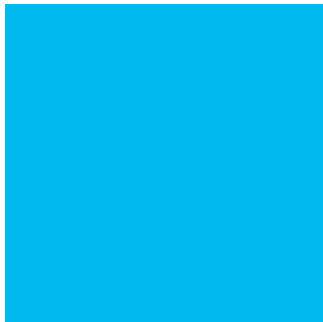


LAMP CATALOG



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To better serve you, Westinghouse Lighting reserves the right to make changes and/or improvements (both visually and technically) to the products in this catalog without notice. As a result, some products and/or product information may change during the life of this catalog.
Visit our website for the latest specifications.



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4



Westinghouse Lighting is the only lighting company with a well-recognized brand that offers such a comprehensive product offering. We carry a full line of Lamps, Ceiling Fans, Lighting Fixtures, Glassware and Lighting Accessories.

CUSTOMER RELATIONSHIPS AND SERVICE



OFFERING CHOICE

We believe in giving our customers a wide range of lighting options. Whether it be lighting technology, fashion trends or performance levels, you can trust Westinghouse Lighting to bring you choices to meet your lighting needs. Today, more than ever, the choices in lighting are abundant. We stand ready to offer you solutions and long term support.



OUR PRODUCTS

We offer many lamp options, ranging from traditional incandescent to the latest technology LEDs and everything in between. Our extensive assortment allows you to choose the best lamp for any application.

MAKE THE SWITCH



Iron Hill Collection fixture shown (Item #63435) with Filament LED ST20 Lamp (Item #03176).

For our entire assortment of Westinghouse Filament LED lamps, see page 15.

LEDS MAKE AN IMPACT

Making the switch to LED lamps offers significant energy, cost and time savings over incandescent, halogen and fluorescent alternatives. LED technology allows less energy to be used to produce the same light output as other lamp alternatives, which means you'll reduce your energy costs significantly and minimize your carbon footprint. Furthermore, LED lamps will last much longer than most alternative lamps. Depending on daily use, one lamp will last for decades, making lamp changes a rare occurrence. As LED technology continues to improve, the opportunities for savings will only increase. Westinghouse offers a broad assortment of LED lamps to fit your lighting needs.



UNDERSTAND LIGHT

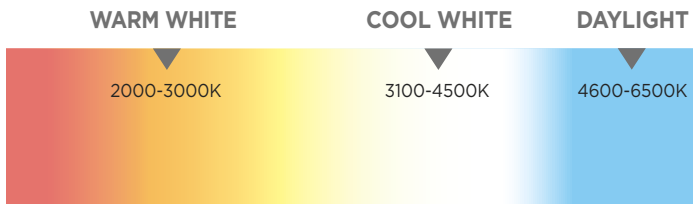
YOU USED TO LOOK FOR		NOW YOU LOOK FOR	
INCANDESCENT LAMP WATTAGE		LAMP BRIGHTNESS (MINIMUM LUMENS)	
40W	=	450L	
60W	=	800L	
75W	=	1,100L	
100W	=	1,600L	
150W	=	2,600L	

Estimates based on typical incandescent lamps.

LOOK FOR BRIGHTNESS

For years, wattage was typically the measure used to evaluate the brightness produced by a lamp. However, perspectives are changing with the constant evolution of LED technology, which offers lower wattages without sacrificing lumens, or brightness. Lumens refers to the measure of light output, or brightness, of a lamp. The more lumens a lamp provides, the brighter the light. All Westinghouse lamp packaging specifies the equivalent incandescent wattage associated with the lamp's lumen output. This helps provide a standard for comparing all LED lamps.

KELVIN TEMPERATURE MAKES A DIFFERENCE



The color temperature of a lamp lets us know what the look and feel of the light produced will be. It is measured in degrees of Kelvin (K) and, typically, falls somewhere on a scale from 2000K to 6500K for commercial and residential lighting applications. Understanding Kelvin temperature (K) makes it easier for you to choose lighting that will give you the effect and ambience you want. To learn more about color temperature and how it can enhance ambience, see pages 22 and 64.

Lighting Facts Label

(Located on side or back panel of package)

Lighting Facts Per Bulb	
Brightness	1300 lumens
Estimated Yearly Energy Cost	\$2.77
Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use	
Life	7 years
Based on 3 hrs/day	
Light Appearance	Warm ————— Cool
2700 K	
Energy Used	23 watts
Contains Mercury	
For more on clean up and safe disposal, visit epa.gov/cfl .	

— Brightness

— Estimated Yearly Energy Cost

— ENERGY STAR Logo (where applicable)

— Life

— Light Appearance

— Energy Used

— Mercury Content (where applicable)

LIGHTING FACTS LABEL

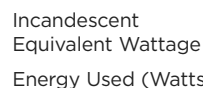
Look for the lighting facts label on all Westinghouse lamp packaging, which contains important lamp specifications that help consumers make the right choice for their lighting needs. On the label, you'll find lumens and Kelvin temperature, as well as energy used (watts), estimated yearly energy cost and life in years. The label makes it easy to compare lamp performance and takes the guesswork out of selecting the right lamp.

BOXED



Kelvin Temperature Scale

CARDED



Brightness (Lumens)

Estimated Yearly
Energy Cost

Kelvin Temperature Scale

ENERGY STAR
(where Applicable)

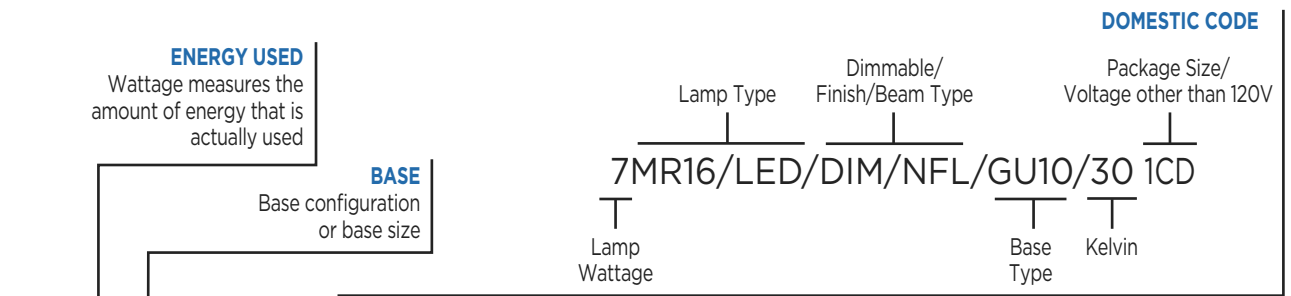
- Warranty

– Certifications

- Caution

– Lamp Base (shown in actual size)

HOW TO USE THIS CATALOG



REFLECTOR LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Finish	Beam Spread/ Type	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
MR16																	
5	GU5.3	03209	2,3,4,8	5MR16/LED/DIM/FL/30 1CD	24/4	Card	35	Warm White	Clear	40°	3000	80	370	25000	22.8	\$0.60	1.85"
	GU5.3	03638	2,3,4,8	5MR16/LED/DIM/FL/30	24/12	Hanging Box	35	Warm White	Clear	40°	3000	80	370	25000	22.8	\$0.60	1.85"
7	GU10	03210	2,4	7MR16/LED/DIM/NFL/GU10/30 1CD	24/4	Card	50	Warm White	Clear	25°	3000	80	500	25000	22.8	\$0.84	2.20"
	GU10	33032	2,4	7MR16/LED/DIM/NFL/GU10/30	24/6	Hanging Box	50	Warm White	Clear	25°	3000	80	500	25000	22.8	\$0.84	2.20"
	GU5.3	03491	2,3,4,8	7MR16/LED/DIM/FL/30	24/12	Hanging Box	50	Warm White	Clear	40°	3000	80	520	25000	22.8	\$0.84	1.85"
	GU5.3	03208	2,3,4,8	7MR16/LED/DIM/FL/30 1CD	24/4	Card	50	Warm White	Clear	40°	3000	80	520	25000	22.8	\$0.84	1.85"
REFLECTORS																	
7	Med.	43050	1,2,4	7R20/LED/DIM/FL/27	24/6	Box	50	Warm White	Frost	Flood	2700	80	550	25000	22.8	\$0.84	3.82"
	Med.	33161	1,2,4	7R20/LED/DIM/FL/30	24/6	Box	50	Warm White	Frost	Flood	3000	80	550	25000	22.8	\$0.84	3.94"
8.5	GU24	03159	2,4	8.5R30/LED/DIM/FL/GU24/27	24/6	Box	65	Warm White	Frost	Flood	2700	80	650	25000	22.8	\$1.02	4.96"
	Med.	43000	2,4	8.5R30/LED/DIM/FL/27	24/6	Box	65	Warm White	Frost	Flood	2700	80	650	25000	22.8	\$1.02	5.16"
9	Med.	43055	1,2,4	9BR30/LED/DIM/FL/27	24/6	Box	65	Warm White	Frost	Flood	2700	80	750	25000	22.8	\$1.08	5.03"
	Med.	43010	1,2,4	9BR30/LED/DIM/FL/30	24/6	Box	65	Warm White	Frost	Flood	3000	80	750	25000	22.8	\$1.08	5.03"
12	Med.	33063	2,4	12R40/LED/DIM/FL/27	6	Box	70	Warm White	Frost	Flood	2700	80	900	25000	22.8	\$1.45	6.46"
	Med.	03162	2,4	12R40/LED/DIM/FL/30	6	Box	70	Warm White	Frost	Flood	3000	80	930	25000	22.8	\$1.45	6.46"

LED LAMPS

ITEM NUMBER
Code used to place orders

MASTER CARTON/ INNER PACK
Number of lamps per package

EQUIVALENT INCANDESCENT WATTAGE
Energy used by comparable incandescent lamp

LIFE IN YEARS
Rated life based on 3 hours a day of use

MOL
Maximum overall length in inches

FOOTNOTES
Important product attributes explained at the bottom of each page

BRIGHTNESS
Amount of light emitted from the lamp in lumens

ESTIMATED YEARLY ENERGY COST
Cost to operate lamp for 1 year based on 3 hours a day of use @ 11¢ KWH

PACK TYPE
How the lamp is packaged



BASE TYPES, LAMP SHAPES AND FILAMENT DESIGNS ARE PICTURED AT THE END OF EACH SECTION.



ENERGY-EFFICIENT LED LIGHTING

Use Westinghouse LED lamps anywhere to save energy and money! Available in a variety of shapes and sizes, these high-quality LED lamps utilize state-of-the-art, high-performance technology and are extremely durable.

Our complete LED lamp selection offers significant cost savings, longer life, enhanced light output and optimum brightness when compared to incandescent, halogen and fluorescent light sources.



DECORATIVE LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
TORPEDO																
3	Cand.	03211	2,4	3B10/LED/DIM/CL/CB/30 1CD	24/4	Card	25	Warm White	Clear	3000	80	250	25000	22.8	\$0.36	3.85"
	Cand.	33045	2,4	3B10/LED/DIM/CL/CB/30	24/6	Hanging Box	25	Warm White	Clear	3000	80	250	25000	22.8	\$0.36	3.85"
	Med.	03212	2,4	3B10/LED/DIM/CL/30 1CD	24/4	Card	25	Warm White	Clear	3000	80	250	25000	22.8	\$0.36	3.67"
	Med.	33046	2,4	3B10/LED/DIM/CL/30	24/6	Hanging Box	25	Warm White	Clear	3000	80	250	25000	22.8	\$0.36	3.67"
5	Cand.	33141	1,2,4	5B11/LED/DIM/CL/CB/27	24/6	Hanging Box	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	3.86"
	Cand.	03204	2,4	5B11/LED/DIM/CL/CB/27 1CD	24/4	Card	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	4.03"
	Med.	33144	1,2,4	5B11/LED/DIM/CL/27	24/6	Hanging Box	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	3.82"
	Med.	03205	2,4	5B11/LED/DIM/CL/27 1CD	24/4	Card	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	3.82"
7	Med.	33132	1,2,4	7B13/LED/DIM/CL/27	24/6	Hanging Box	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	4.25"
FLAME TIP																
5	Cand.	03206	2,4	5CA11/LED/DIM/CL/CB/27 1CD	24/4	Card	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	3.98"
	Cand.	33145	1,2,4	5CA11/LED/DIM/CL/CB/27	24/6	Hanging Box	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	3.98"
	Med.	03207	2,4	5CA11/LED/DIM/CL/27 1CD	24/4	Card	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	3.94"
	Med.	33146	1,2,4	5CA11/LED/DIM/CL/27	24/6	Hanging Box	40	Warm White	Clear	2700	80	300	25000	22.8	\$0.60	3.94"
7	Cand.	03202	2,4	7CA13/LED/DIM/CL/CB/27 1CD	24/4	Card	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	4.49"
	Med.	33139	1,2,4	7CA13/LED/DIM/CL/27	24/6	Hanging Box	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	4.45"
	Med.	03203	2,4	7CA13/LED/DIM/CL/27 1CD	24/4	Card	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	4.45"
GLOBE																
7	Cand.	03213	2,4	7G16.5/LED/DIM/CL/CB/27 1CD	24/4	Card	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	3.02"
	Cand.	33128	1,2,4	7G16.5/LED/DIM/CL/CB/27	24/6	Box	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	2.99"
	Med.	03214	2,4	7G16.5/LED/DIM/CL/27 1CD	24/4	Card	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	3.02"
	Med.	33129	1,2,4	7G16.5/LED/DIM/CL/27	24/6	Box	60	Warm White	Clear	2700	80	500	25000	22.8	\$0.84	2.93"
	Med.	03192	1,2,4	7G19/LED/DIM/SW/27 1CD	24/4	Card	60	Warm White	Soft White	2700	80	500	25000	22.8	\$0.84	3.52"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Visit www.westinghouselighting.com for our latest energy saving LED products and dimmer compatibilities.

Footnotes

1 New Item
2 Dimmable3 Low Voltage (12V)
4 Approved for Damp Location5 Approved for Wet Location
6 UL7 Indoor Application Only
8 Approved for Use in Totally Enclosed Fixtures

GENERAL
PURPOSE LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	Brightness CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
OMNI A15																
7	Med.	03191	1,2,4	7OMNIA15/LED/DIM/SW/27 1CD	24/4	Card	40	Warm White	Soft White	2700	80	450	25000	22.8	\$0.84	3.48"
OMNI A19																
5.5	Med.	43098	1,2,4	5.5OMNIA19/LED/DIM/SW/30	24/6	Box	40	Warm White	Soft White	3000	80	470	25000	22.8	\$0.66	4.33"
	Med.	33425	1,2,4	5.5OMNIA19/LED/DIM/SW/27	24/6	Box	40	Warm White	Soft White	2700	80	450	25000	22.8	\$0.66	4.33"
6	Med.	03189	4,8	6OMNIA19/LED/SW/30	24/6	Box	40	Warm White	Soft White	3000	80	450	12000	10.9	\$0.72	4.33"
6.5	Med.	03464	4,8	6.5OMNIA19/LED/SW/27	24/6	Box	40	Warm White	Soft White	2700	80	450	25000	22.8	\$0.78	4.33"
9	Med.	03697	4,8	9OMNIA19/LED/SW/27	24/6	Box	60	Warm White	Soft White	2700	80	790	40000	36.5	\$1.08	4.33"
	Med.	33696	1,2,4	9OMNIA19/LED/DIM/SW/27	24/6	Box	60	Warm White	Soft White	2700	80	800	25000	22.8	\$1.08	4.33"
	Med.	03440	4,8	9OMNIA19/LED/SW/30 1CD	24/6	Card	60	Warm White	Soft White	3000	80	800	40000	36.5	\$1.08	4.33"
	Med.	43094	1,2,4	9OMNIA19/LED/DIM/SW/30	24/6	Box	60	Warm White	Soft White	3000	80	830	25000	22.8	\$1.08	4.33"
	Med.	33439	1,2,4	9OMNIA19/LED/DIM/SW/30 1CD	24/4	Card	60	Warm White	Soft White	3000	80	830	25000	22.8	\$1.08	4.33"
	Med.	43097	1,2,4,8	9OMNIA19/LED/DIM/SW/50	24/6	Box	60	Daylight	Soft White	5000	80	900	25000	22.8	\$1.08	4.33"
	GU24	33158	1	9OMNIA19/LED/DIM/SW/GU24/27	24/6	Box	60	Warm White	Soft White	2700	80	800	25000	22.8	\$1.08	4.33"
OMNI A21																
15	Med.	33136	2,4	15OMNIA21/LED/DIM/SW/27	24/6	Box	100	Warm White	Soft White	2700	80	1600	25000	22.8	\$1.81	5.28"
3/ 9/ 17	Med.	33140	1,4	3/9/17OMNIA21/LED/3WAY/SW/27	24/6	Box	30/ 60/ 100	Warm White	Soft White	2700	80	350/ 810/ 1600	25000	22.8	\$2.05	5.28"
SPECIALTY - COLOR OMNI																
5	Med.	03153	5,8	5OMNIA19/LED/R	24/6	Box	40	-	Red	-	-	-	25000	22.8	\$0.60	4.33"
6	Med.	03154	5,8	6OMNIA19/LED/B	24/6	Box	40	-	Blue	-	-	-	25000	22.8	\$0.72	4.33"
	Med.	03152	5,8	6OMNIA19/LED/G	24/6	Box	40	-	Green	-	-	-	25000	22.8	\$0.72	4.33"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Visit www.westinghouselighting.com for our latest energy saving LED products and dimmer compatibilities.

Footnotes

- 1 New Item
2 Dimmable

- 3 Low Voltage (12V)
4 Approved for Damp Location

- 5 Approved for Wet Location
6 UL

- 7 Indoor Application Only
8 Approved for Use in Totally Enclosed Fixtures

REFLECTOR LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Finish	Beam Spread/ Type	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
MR16																	
5	GU5.3	03209	2,3,4,8	5MR16/LED/DIM/FL/30 1CD	24/4	Card	35	Warm White	Clear	40°	3000	80	370	25000	22.8	\$0.60	1.85"
	GU5.3	03638	2,3,4,8	5MR16/LED/DIM/FL/30	24/12	Hanging Box	35	Warm White	Clear	40°	3000	80	370	25000	22.8	\$0.60	1.85"
7	GU10	33032	2,4	7MR16/LED/DIM/NFL/GU10/30	24/6	Hanging Box	50	Warm White	Clear	20°	3000	80	500	25000	22.8	\$0.84	2.20"
	GU5.3	03491	2,3,4,8	7MR16/LED/DIM/FL/30	24/12	Hanging Box	50	Warm White	Clear	40°	3000	80	520	25000	22.8	\$0.84	1.85"
	GU5.3	03208	2,3,4,8	7MR16/LED/DIM/FL/30 1CD	24/4	Card	50	Warm White	Clear	40°	3000	80	520	25000	22.8	\$0.84	1.85"
REFLECTORS																	
8.5	GU24	03159	2,4	8.5R30/LED/DIM/FL/GU24/27	24/6	Box	65	Warm White	Frost	Flood	2700	80	650	25000	22.8	\$1.02	4.96"
	Med.	43000	2,4	8.5R30/LED/DIM/FL/27	24/6	Box	65	Warm White	Frost	Flood	2700	80	650	25000	22.8	\$1.02	5.16"
12	Med.	33063	2,4	12R40/LED/DIM/FL/27	6	Box	70	Warm White	Frost	Flood	2700	80	900	25000	22.8	\$1.45	6.46"
	Med.	03162	2,4	12R40/LED/DIM/FL/30	6	Box	70	Warm White	Frost	Flood	3000	80	930	25000	22.8	\$1.45	6.46"
PAR16																	
6	Med.	03067	2,4	6PAR16/LED/DIM/FL/30	36/6	Box	40	Warm White	Clear	40°	3000	80	370	35000	31.9	\$0.72	3.27"
PAR38																	
15	Med.	03110	2,5,8	15PAR38/LED/OutdoorFL/30	24/6	Box	90	Warm White	Clear	32°	3000	80	1310	25000	22.8	\$1.81	5.32"
	Med.	03114	2,5,8	15PAR38/LED/OutdoorFL/30 2PK	12/3	Box(2)	90	Warm White	Clear	32°	3000	80	1310	25000	22.8	\$1.81	5.32"
SPECIALTY - COLOR PAR38																	
11	Med.	03147	5,8	11PAR38/LED/FL/R	24/6	Box	100	-	Red	Flood	-	-	-	25000	22.8	\$1.32	5.32"
15	Med.	03149	5,8	15PAR38/LED/FL/G	24/6	Box	100	-	Green	Flood	-	-	-	25000	22.8	\$1.81	5.32"
	Med.	03151	5,8	15PAR38/LED/FL/B	24/6	Box	100	-	Blue	Flood	-	-	-	25000	22.8	\$1.81	5.32"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Visit www.westinghouselighting.com for our latest energy saving LED products and dimmer compatibilities.

Footnotes

1 New Item
2 Dimmable

3 Low Voltage (12V)
4 Approved for Damp Location

5 Approved for Wet Location
6 UL

7 Indoor Application Only
8 Approved for Use in Totally Enclosed Fixtures

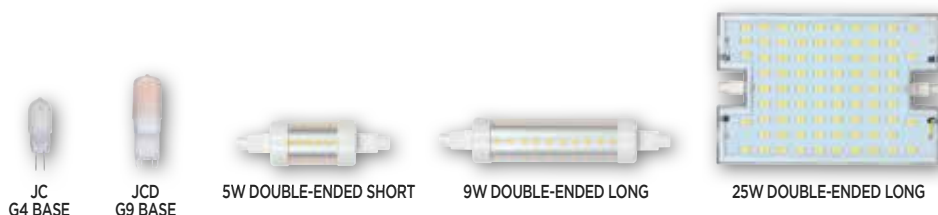
SPECIALTY GENERAL PURPOSE LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
C7																
0.6	Cand.	05108	1	0.6C7/LED/F/CB/27 2CD	48/4	Card(2)	4	Warm White	Frost	2700	80	20	12000	10.9	\$0.07	2.05"
	Cand.	05110	1	0.6C7/LED/CL/CB/27 2CD	48/4	Card(2)	4	Warm White	Clear	2700	80	20	12000	10.9	\$0.07	2.05"
1	Cand.	05109	1	1C7/LED/F/CB/27 2CD	48/4	Card(2)	7	Warm White	Frost	2700	80	50	12000	10.9	\$0.12	2.05"
	Cand.	05111	1	1C7/LED/CL/CB/27 2CD	48/4	Card(2)	7	Warm White	Clear	2700	80	50	12000	10.9	\$0.12	2.05"
S6																
0.6	Cand.	05117	1	0.6S6/LED/CL/CB/27 1CD	24/4	Card	6	Warm White	Clear	2700	80	32	12000	10.9	\$0.07	1.77"
S11																
1	Med.	05112	1	1S11/LED/W/27 1CD	24/4	Card	7.5	Warm White	White	2700	80	40	12000	10.9	\$0.12	1.99"
	Med.	05113	1	1S11/LED/CL/27 1CD	24/4	Card	7.5	Warm White	Clear	2700	80	50	12000	10.9	\$0.12	1.99"
1.5	Inter.	05114	1	1.5S11/LED/CL/IN/27 1CD	24/4	Card	10	Warm White	Clear	2700	80	80	12000	10.9	\$0.18	2.09"
S14																
1	Med.	05115	1	1S14/LED/F/27 1CD	24/4	Card	11	Warm White	Frost	2700	80	60	12000	10.9	\$0.12	3.23"
	Med.	05116	1	1S14/LED/CL/27 1CD	24/4	Card	11	Warm White	Clear	2700	80	65	12000	10.9	\$0.12	3.23"
T7																
1	Cand.	05118	1	1T7/LED/CL/CB/27 1CD	24/4	Card	10	Warm White	Clear	2700	80	50	12000	10.9	\$0.12	2.09"
1.5	D.C. Bay.	05120	1	1.5T7/LED/CL/DC/27 1CD	24/4	Card	15	Warm White	Clear	2700	80	80	12000	10.9	\$0.18	2.09"
8	Med.	03199	1	8T7/LED/F/30 1CD	60/4	Card	60	Warm White	Frost	3000	80	800	12000	10.9	\$0.96	4.22"
UTILITY																
15	Med.	03197	1	15DLR46E26/LED/F/27	24/6	Box	75	Warm White	Frost	2700	80	1200	25000	22.8	\$1.81	4.41"
20	Med.	03198	1	20DLR64E26/LED/F/27	12	Box	100	Warm White	Frost	2700	80	1800	25000	22.8	\$2.41	6.06"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

SPECIALTY HALOGEN ALTERNATIVE LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volt	Master Carton/ Inner Pack	Package Type	Equiv. Halogen Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
JC																	
1.3	G4	03184	3,4,8	1.3G4/LED/F/30 1CD	12	24/4	Card	10	Warm White	Frost	3000	80	100	25000	22.8	\$0.16	1.46"
JCD																	
2.5	G9	03185	4,8	2.5G9/LED/F/30 1CD	120	24/4	Card	25	Warm White	Frost	3000	80	220	25000	22.8	\$0.30	2.05"
DOUBLE-ENDED SHORT																	
5	RSC	03186	4,8	5R7S/LED/CL/27 1CD	120	24/4	Card	40	Warm White	Clear	2700	80	450	25000	22.8	\$0.60	3.07"
DOUBLE-ENDED LONG																	
9	RSC	03187	4,8	9R7S/LED/CL/27 1CD	120	24/4	Card	75	Warm White	Clear	2700	80	900	25000	22.8	\$1.08	4.65"
25	RSC	03188	4,8	25R7S/LED/CL/27	120	24/4	Box	150	Warm White	Clear	2700	80	2500	25000	22.8	\$3.01	4.65"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Visit www.westinghouselighting.com for our latest energy saving LED products and dimmer compatibilities.

Footnotes

- 1 New Item
2 Dimmable

- 3 Low Voltage (12V)
4 Approved for Damp Location

- 5 Approved for Wet Location
6 UL

- 7 Indoor Application Only
8 Approved for Use in Totally Enclosed Fixtures

FILAMENT LAMPS

LAMPS SHOWN UNLIT



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/InnerPack	Package Type	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
A TYPE																
5	Med.	03166	2,4,8	5A15/FilamentLED/DIM/CL/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	3.19"
	Med.	03164	2,4,8	5A19/FilamentLED/DIM/CL/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	3.97"
7.5	Med.	03165	2,4,8	7.5A19/FilamentLED/DIM/CL/27	24/6	Box	60	Warm White	Clear	2700	80	806	15000	13.6	\$0.90	3.97"
BT15																
5	Med.	03167	2,4,8	5BT15/FilamentLED/DIM/CL/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	4.05"
B11 DECORATIVE																
5	Cand.	03168	2,4,8	5B11/FilamentLED/DIM/CL/CB/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	4.13"
	Med.	03169	2,4,8	5B11/FilamentLED/DIM/CL/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	3.58"
CA10 DECORATIVE																
5	Cand.	03170	2,4,8	5CA10/FilamentLED/DIM/CL/CB/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	4.52"
	Med.	03171	2,4,8	5CA10/FilamentLED/DIM/CL/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	3.93"
F15																
2.5	Med.	03193	1,2,4	2.5F15/FilamentLED/DIM/CL/27 1CD	24/4	Card	25	Warm White	Clear	2700	80	250	15000	13.6	\$0.30	4.33"
	Med.	03195	1,2,4	2.5F15/FilamentLED/DIM/A/20 1CD	24/4	Card	25	Warm White	Amber	2000	80	190	15000	13.6	\$0.30	4.33"
5	Med.	03194	1,2,4	5F15/FilamentLED/DIM/CL/27 1CD	24/4	Card	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	4.33"
	Med.	03196	1,2,4	5F15/FilamentLED/DIM/A/20 1CD	24/4	Card	40	Warm White	Amber	2000	80	400	15000	13.6	\$0.60	4.33"
G25 GLOBE																
7.5	Med.	03173	2,4,8	7.5G25/FilamentLED/DIM/CL/27	24/6	Box	60	Warm White	Clear	2700	80	806	15000	13.6	\$0.90	4.65"
G40 GLOBE																
5	Med.	03174	2,4,8	5G40/FilamentLED/DIM/CL/27	24/6	Box	40	Warm White	Clear	2700	80	470	15000	13.6	\$0.60	6.73"
7.5	Med.	03175	2,4,8	7.5G40/FilamentLED/DIM/CL/27	24/6	Box	60	Warm White	Clear	2700	80	806	15000	13.6	\$0.90	6.73"
ST20																
2.5	Med.	03176	2,4,8	2.5ST20/FilamentLED/DIM/A/20	24/6	Box	25	Warm White	Amber	2000	80	230	15000	13.6	\$0.30	5.31"
5	Med.	03177	2,4,8	5ST20/FilamentLED/DIM/A/20	24/6	Box	40	Warm White	Amber	2000	80	420	15000	13.6	\$0.60	5.31"
7.5	Med.	03178	2,4,8	7.5ST20/FilamentLED/DIM/A/20	24/6	Box	60	Warm White	Amber	2000	80	600	15000	13.6	\$0.90	5.31"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

USE LED FILAMENT LAMPS FOR A TRADITIONAL LOOK

Filament LEDs light up instantly and are compatible with most dimmers, making them an ideal choice for use in pendant fixtures, table and floor lamps, vanity fixtures, ceiling fixtures and ceiling fans.

Add a touch of nostalgia to pendant fixtures or wall lanterns with an ST20 or F15 filament lamp featuring a 2000K color temperature that produces a warm, amber light. For everyday use or enhancing retro-style light fixtures, Westinghouse Filament LED lamps give you the light you want while saving energy and money.

To learn more about color temperature and how it can enhance ambiance, see pages 22 and 64.

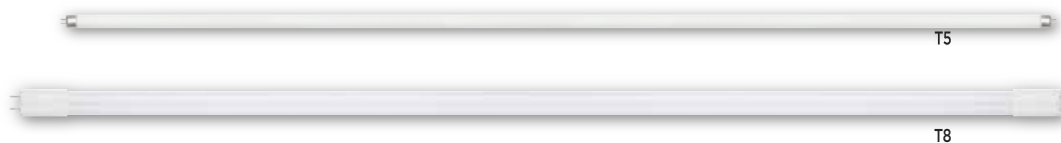


See the Westinghouse Lighting Catalog for more retro style light fixtures and pendants.

Visit www.westinghouselighting.com for our latest energy saving LED products and dimmer compatibilities.

Footnotes

- | | | | |
|------------|------------------------------|-----------------------------|---|
| 1 New Item | 3 Low Voltage (12V) | 5 Approved for Wet Location | 7 Indoor Application Only |
| 2 Dimmable | 4 Approved for Damp Location | 6 UL | 8 Approved for Use in Totally Enclosed Fixtures |



LINEAR LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Lamp Type Replacement	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
T5 (DesignLights Consortium® qualified product)																
22	Mini BiPin	03788 [†]	1,2,4,6,8	LED 22T5/46"/40 Direct Install	10	Sleeve	T5	Cool White	Frost	4000	82	2800	50000	45.6	\$2.65	46"
	Mini BiPin	03789 [†]	1,2,4,6,8	LED 22T5/46"/50 Direct Install	10	Sleeve	T5	Daylight	Frost	5000	82	2800	50000	45.6	\$2.65	46"
T8 (DesignLights Consortium® qualified product)																
14	Med. BiPin	03739 ^{†*}	2,4,6,8	LED 14T8/48"/40 Direct Install	10	Sleeve	T8	Cool White	Frost	4000	82	1800	50000	45.6	\$1.69	48"
17	Med. BiPin	33652 ^{†*}	2,4,6,8	LED 17T8/48"/35 Direct Install	10	Sleeve	T8	Cool White	Frost	3500	82	2200	50000	45.6	\$2.05	48"
17	Med. BiPin	33653 ^{†*}	2,4,6,8	LED 17T8/48"/40 Direct Install	10	Sleeve	T8	Cool White	Frost	4000	82	2200	50000	45.6	\$2.05	48"
17	Med. BiPin	33655 ^{†*}	2,4,6,8	LED 17T8/48"/50 Direct Install	10	Sleeve	T8	Daylight	Frost	5000	82	2200	50000	45.6	\$2.05	48"
18	Med. BiPin	33660 [*]	4,6,8	LED 18T8/48"/35 Ballast Bypass	10	Sleeve	T8 & T12	Cool White	Frost	3500	82	2200	50000	45.6	\$2.17	48"
18	Med. BiPin	33672 [*]	4,6,8	LED 18T8/48"/40 Ballast Bypass	10	Sleeve	T8 & T12	Cool White	Frost	4000	82	2200	50000	45.6	\$2.17	48"
18	Med. BiPin	33676 [*]	4,6,8	LED 18T8/48"/50 Ballast Bypass	10	Sleeve	T8 & T12	Daylight	Frost	5000	82	2200	50000	45.6	\$2.17	48"

* Replace any 4 foot T8 or T12 linear fluorescent lamp with a medium bipin base.

† Dimmable when used with applicable ballast.

RECESSED LED DOWNLIGHTS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Beam Spread	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL	MOD
SMOOTH BAFFLE																		
8	Med.	31043 [†]	2,4,6,7	8R/4"/LED/DIM/FL/27	24/6	Box	65	120°	Warm White	Frost	2700	80	650	50000	45.6	\$0.96	3.50"	5.04"
	Med.	31041 [†]	2,4,6,7	8R/4"/LED/DIM/FL/30	24/6	Box	65	120°	Warm White	Frost	3000	80	650	50000	45.6	\$0.96	3.50"	5.04"
14	Med.	31045 [†]	2,4,6,7	14R/6"/LED/DIM/FL/27	24/6	Box	80	120°	Warm White	Frost	2700	80	1000	50000	45.6	\$1.69	3.40"	7.24"
	Med.	31040 [†]	2,4,6,7	14R/5"/LED/DIM/FL/27	24/6	Box	80	120°	Warm White	Frost	2700	80	1000	50000	45.6	\$1.69	3.54"	6.30"
	Med.	31044 [†]	2,4,6,7	14R/5"/LED/DIM/FL/30	24/6	Box	80	120°	Warm White	Frost	3000	80	1000	50000	45.6	\$1.69	3.54"	6.30"
	Med.	31046 [†]	2,4,6,7	14R/6"/LED/DIM/FL/30	24/6	Box	80	120°	Warm White	Frost	3000	80	1000	50000	45.6	\$1.69	3.40"	7.24"

† Optional Accessory GU24 Base Adapter Sold Separately (Item# 22000)

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

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Footnotes

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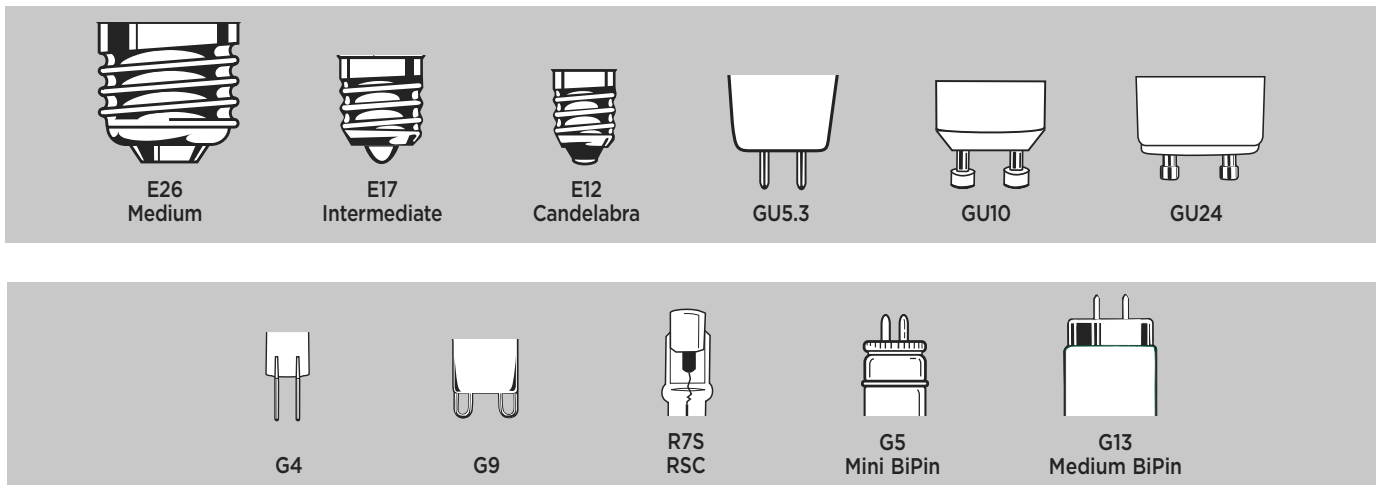
- 5 Approved for Wet Location
6 UL

- 7 Indoor Application Only
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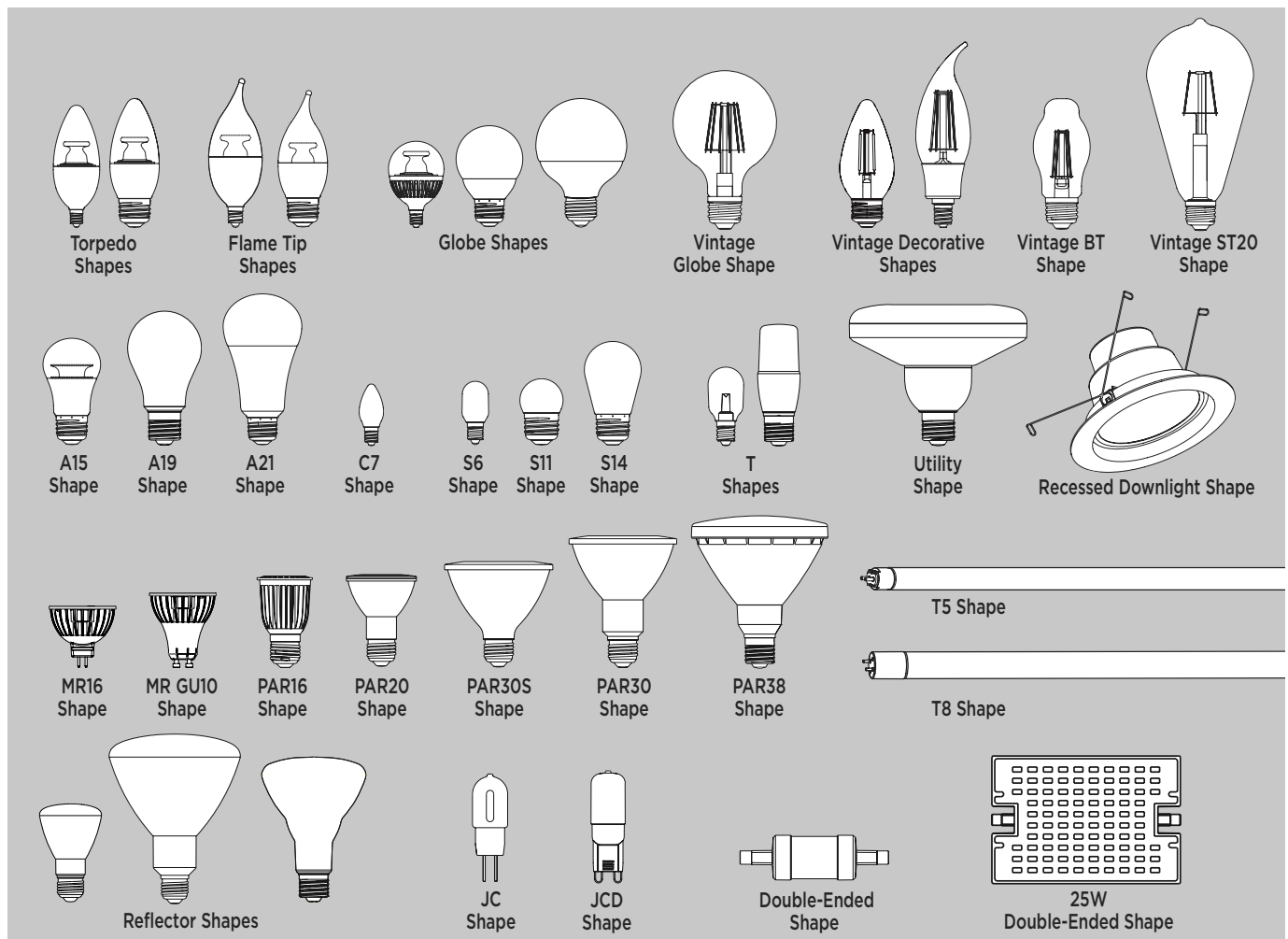
LED LAMP COMPONENTS

Westinghouse LED lamps are made with high quality components. These durable, superior parts allow our lamps to provide the long life, energy savings, increased brightness and excellent performance that our customers expect from today's LED lamps. Westinghouse's commitment to the highest quality craftsmanship allows us to offer a warranty of 3 or more years on all of our LED lamps.

LED BASE TYPES



LED LAMP SHAPES





Westinghouse

INNOVATION YOU CAN BE SURE OF



ENERGY-EFFICIENT CFL LIGHTING

Available in many shapes, sizes and Kelvin temperatures, our high-quality, long-lasting CFLs fit almost any application and are an excellent alternative to incandescent and halogen light sources.



TWIST LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
MINI-TWIST															
5	Med.	36670	3	5MINITWIST/27	96/24	Box	25	Warm White	2700	82	270	10000	9.1	\$0.60	3.50"
9	Med.	37934	3	9MINITWIST/27	24/8	Hanging Box	40	Warm White	2700	82	570	10000	9.1	\$1.08	4"
13	GU24	37990	3	13MINITWIST/GU24/27	24/8	Hanging Box	60	Warm White	2700	82	800	10000	9.1	\$1.57	3.88"
	Med.	37945	3	13MINITWIST/27	24/8	Hanging Box	60	Warm White	2700	82	900	10000	9.1	\$1.57	4.38"
	Med.	37946	3	13MINITWIST/27 4PK	6	Box(4)	60	Warm White	2700	82	900	10000	9.1	\$1.57	4.38"
	Med.	38010	3	13MINITWIST/27	24/8	Box	60	Warm White	2700	80	900	12000	10.9	\$1.57	4.02"
	Med.	37941	3	13MINITWIST/35	24/8	Hanging Box	60	Cool White	3500	82	850	10000	9.1	\$1.57	4.38"
	Med.	37942	3	13MINITWIST/35 4PK	6	Box(4)	60	Cool White	3500	82	850	10000	9.1	\$1.57	4.38"
	Med.	37714	3	13MINITWIST/50	24/8	Hanging Box	60	Daylight	5000	82	880	10000	9.1	\$1.57	4.38"
	Med.	37943	3	13MINITWIST/65	24/8	Hanging Box	60	Daylight	6500	82	840	10000	9.1	\$1.57	4.38"
	Med.	37944	3	13MINITWIST/65 4PK	6	Box(4)	60	Daylight	6500	82	840	10000	9.1	\$1.57	4.38"
	Med.	37925	3	13MINITWIST/BUG	24/4	Box	60	-	-	80	-	10000	9.1	\$1.57	4.65"
14	Med.	36660	3	14MINITWIST/41	48/4	Box	60	Cool White	4100	80	900	10000	9.1	\$1.69	3.94"
18	GU24	36308	3	18MINITWIST/GU24/27	24/8	Hanging Box	75	Warm White	2700	82	1200	10000	9.1	\$2.17	4.38"
	Med.	37950	3	18MINITWIST/27	24/8	Hanging Box	75	Warm White	2700	82	1200	10000	9.1	\$2.17	4.75"
	Med.	37949	3	18MINITWIST/27 4PK	6	Box(4)	75	Warm White	2700	82	1100	10000	9.1	\$2.17	4.75"
	Med.	37951	3	18MINITWIST/35	24/8	Hanging Box	75	Cool White	3500	82	1200	10000	9.1	\$2.17	4.75"
	Med.	37952	3	18MINITWIST/35 4PK	6	Box(4)	75	Cool White	3500	82	1200	10000	9.1	\$2.17	4.75"
	Med.	37953	3	18MINITWIST/65	24/8	Hanging Box	75	Daylight	6500	82	1260	10000	9.1	\$2.17	4.75"
	Med.	37954	3	18MINITWIST/65 4PK	6	Box(4)	75	Daylight	6500	82	1260	10000	9.1	\$2.17	4.75"
23	GU24	37994	3	23MINITWIST/GU24/27	24/8	Hanging Box	100	Warm White	2700	82	1600	10000	9.1	\$2.77	4.50"
	Med.	07225	3	23MINITWIST/27	24/8	Hanging Box	100	Warm White	2700	82	1600	10000	9.1	\$2.77	4.88"
	Med.	07226	3	23MINITWIST/27 4PK	6	Box(4)	100	Warm White	2700	82	1600	10000	9.1	\$2.77	4.88"
	Med.	37958	3	23MINITWIST/35	24/8	Hanging Box	100	Cool White	3500	82	1600	10000	9.1	\$2.77	4.88"
	Med.	37959	3	23MINITWIST/35 4PK	6	Box(4)	100	Cool White	3500	82	1600	10000	9.1	\$2.77	4.88"
	Med.	37716	3	23MINITWIST/50	24/8	Hanging Box	100	Daylight	5000	82	1600	10000	9.1	\$2.77	4.88"
	Med.	37960	3	23MINITWIST/65	24/8	Hanging Box	100	Daylight	6500	82	1600	10000	9.1	\$2.77	4.88"
	Med.	37961	3	23MINITWIST/65 4PK	6	Box(4)	100	Daylight	6500	82	1600	10000	9.1	\$2.77	4.88"
HIGH WATTAGE TWIST															
26	Med.	36609	3	26TWIST/27	48/4	Box	100	Warm White	2700	80	1750	10000	9.1	\$3.13	4.65"
	Med.	36607	3	26TWIST/41	48/4	Box	100	Cool White	4100	80	1650	10000	9.1	\$3.13	4.69"
42	Med.	37918	3	42TWIST/27	4	Box	150	Warm White	2700	80	2600	10000	9.1	\$5.06	7"
	Med.	37919	3	42TWIST/65	4	Box	150	Daylight	6500	80	2650	10000	9.1	\$5.06	7"
68	Med.	37921	3	68TWIST/27	4	Box	300	Warm White	2700	82	4200	8000	7.3	\$8.19	9.45"
	Mogul	37920	3	68TWIST/E39/65	4	Box	250	Daylight	6500	82	4200	8000	7.3	\$8.19	9.65"
85	Med.	37072	3	85TWIST/65	6	Box	300	Daylight	6500	82	4800	8000	7.3	\$10.24	11.22"
105	Med.	37073	3	105TWIST/65	6	Box	400	Daylight	6500	82	5800	8000	7.3	\$12.65	12.63"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Compact Fluorescent Lamps contain mercury. (Hg) For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

1 New Item

3 Not for use with electronic dimmers

2 Approved for Damp Locations



A SHAPE



GLOBE

COVERED LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
A SHAPE															
14	Med.	37900	3	14ASHAPE/27	8	Box	60	Warm White	2700	80	800	10000	9.1	\$1.69	5"
GLOBE															
15	Med.	38001	3	15GLOBE/27	8	Hanging Box	60	Warm White	2700	82	820	10000	9.1	\$1.81	4.38"
	Med.	38002	3	15GLOBE/27 2PK	4	Box(2)	60	Warm White	2700	82	820	10000	9.1	\$1.81	4.38"
	Med.	38003	3	15GLOBE/35 2PK	4	Box(2)	60	Cool White	3500	82	800	10000	9.1	\$1.81	4.38"
	Med.	38004	3	15GLOBE/65 2PK	4	Box(2)	60	Daylight	6500	82	820	10000	9.1	\$1.81	4.38"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



BR30/R30



R40

HARD GLASS
PAR30LNALUMINUM
PAR38

REFLECTOR LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Equiv. Incand. Wattage	Color Designation	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
BR30/R30															
15	Med.	37970	3	15CFLBR30/F/27	4	Box	60	Warm White	2700	80	750	10000	9.1	\$1.81	5.50"
	Med.	37971	3	15CFLBR30/F/27 2PK	4	Box(2)	60	Warm White	2700	80	750	10000	9.1	\$1.81	5.50"
	Med.	37973	3	15CFLR30/F/35	4	Box	60	Cool White	3500	80	735	8000	7.3	\$1.81	5.47"
	Med.	37974	3	15CFLR30/F/65	4	Box	60	Daylight	6500	80	720	8000	7.3	\$1.81	5.47"
R40															
23	Med.	37979	3	23CFLR40/F/27	4	Box	75	Warm White	2700	80	1200	8000	7.3	\$2.77	6.31"
PAR30															
15	Med.	37982	3	15CFLPAR30LN/27/GL	6	Box	50	Warm White	2700	82	700	8000	7.3	\$1.81	5.13"
PAR38															
23	Med.	37986	3	23CFLPAR38/30/AR	4	Box	90	Warm White	3000	80	1200	8000	7.3	\$2.77	5.31"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Compact Fluorescent Lamps contain mercury.  For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

1 New Item

2 Approved for Lamp Locations

3 Not for use with electronic dimmers

PIN BASE
LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Color Designation	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
2-PIN (PREHEAT ELECTROMAGNETIC BALLASTS)														
5	G23	37040	2,3	F5TT/27	72/6	Box	Warm White	2700	82	250	10000	9.1	\$0.60	4.31"
	G23	06125	2,3	F5TT/41	72/6	Box	Cool White	4100	82	250	10000	9.1	\$0.60	4.31"
7	G23	37041	2,3	F7TT/27	72/6	Box	Warm White	2700	82	400	10000	9.1	\$0.84	5.38"
	G23	37373	2,3	F7TT/27	36/6	Card	Warm White	2700	82	400	10000	9.1	\$0.84	5.38"
	G23	06126	2,3	F7TT/41	72/6	Box	Cool White	4100	82	400	10000	9.1	\$0.84	5.38"
9	G23	37374	2,3	F9TT/27	36/6	Card	Warm White	2700	82	600	10000	9.1	\$1.08	6.63"
	G23	37042	2,3	F9TT/27	72/6	Box	Warm White	2700	82	600	10000	9.1	\$1.08	6.63"
	G23	06127	2,3	F9TT/41	72/6	Box	Cool White	4100	82	600	10000	9.1	\$1.08	6.63"
13	GX23	37043	2,3	F13TT/27	72/6	Box	Warm White	2700	82	900	10000	9.1	\$1.57	7.19"
	GX23	37375	2,3	F13TT/27	36/6	Card	Warm White	2700	82	900	10000	9.1	\$1.57	7.19"
	GX23	06118	2,3	F13TT/35	72/6	Box	Cool White	3500	82	900	10000	9.1	\$1.57	7.19"
	GX23	06128	2,3	F13TT/41	72/6	Box	Cool White	4100	82	900	10000	9.1	\$1.57	7.19"
	GX23-2	37376	2,3	F13DTT/27	36/6	Card	Warm White	2700	82	860	10000	9.1	\$1.57	4.69"
	GX23-2	37044	2,3	F13DTT/27	72/6	Box	Warm White	2700	82	860	10000	9.1	\$1.57	4.69"
	GX23-2	06119	2,3	F13DTT/35	72/6	Box	Cool White	3500	82	860	10000	9.1	\$1.57	4.69"
	GX23-2	06164	2,3	F13DTT/41	72/6	Box	Cool White	4100	82	860	10000	9.1	\$1.57	4.69"
18	G24d-2	06129	2,3	F18DTT/41	72/6	Box	Cool White	4100	82	1250	10000	9.1	\$2.17	6"
26	G24d-3	06180	2,3	F26DTT/27	72/6	Box	Cool White	2700	82	1500	10000	9.1	\$3.13	6.81"
	G24d-3	06121	2,3	F26DTT/35	72/6	Box	Cool White	3500	82	1500	10000	9.1	\$3.13	6.81"
	G24d-3	06130	2,3	F26DTT/41	72/6	Box	Cool White	4100	82	1500	10000	9.1	\$3.13	6.81"
4-PIN														
13	G24q-1	37059	4	F13DTT/27/4P	72/6	Box	Warm White	2700	82	900	10000	9.1	\$1.57	5.19"
	G24q-1	37159	4	F13DTT/35/4P	72/6	Box	Cool White	3500	82	900	10000	9.1	\$1.57	5.19"
	G24q-1	37559	4	F13DTT/41/4P	72/6	Box	Cool White	4100	82	900	10000	9.1	\$1.57	5.19"
	G24q-1	37619	4	F13S/27	36/6	Box	Warm White	2700	82	900	10000	9.1	\$1.57	4"
18	G24q-2	37046	4	F18DTT/27/4P	50	Box	Warm White	2700	82	1200	10000	9.1	\$2.17	5.81"
	G24q-2	37146	4	F18DTT/35/4P	50	Box	Cool White	3500	82	1200	10000	9.1	\$2.17	5.81"
	G24q-2	37546	4	F18DTT/41/4P	50	Box	Cool White	4100	82	1200	10000	9.1	\$2.17	5.81"
26	G24q-3	37047	4	F26DTT/27/4P	50	Box	Warm White	2700	82	1800	10000	9.1	\$3.13	6.50"
	G24q-3	37147	4	F26DTT/35/4P	50	Box	Cool White	3500	82	1800	10000	9.1	\$3.13	6.50"
	G24q-3	37547	4	F26DTT/41/4P	50	Box	Cool White	4100	82	1800	10000	9.1	\$3.13	6.50"
	GX24q-3	37045	4	F26TTT/27/4P	50	Box	Warm White	2700	82	1800	10000	9.1	\$3.13	5.19"
	GX24q-3	37145	4	F26TTT/35/4P	50	Box	Cool White	3500	82	1800	10000	9.1	\$3.13	5.19"
	GX24q-3	37545	4	F26TTT/41/4P	50	Box	Cool White	4100	82	1800	10000	9.1	\$3.13	5.19"
32	GX24q-3	37148	4	F32TTT/35/4P	50	Box	Cool White	3500	82	2400	10000	9.1	\$3.85	5.81"
	GX24q-3	37548	4	F32TTT/41/4P	50	Box	Cool White	4100	82	2400	10000	9.1	\$3.85	5.81"
42	GX24q-4	37149	4	F42TTT/35/4P	50	Box	Cool White	3500	82	3200	10000	9.1	\$5.06	6.63"
	GX24q-4	37549	4	F42TTT/41/4P	50	Box	Cool White	4100	82	3200	10000	9.1	\$5.06	6.63"
4-PIN TWIN TUBE LONG														
36	2G11	07020	4	F36TTL/841	25	Box	Cool White	4100	82	2900	20000	18.2	\$4.34	16.25"
40	2G11	07022	4	F40TTL/835	25	Box	Cool White	3500	82	3200	20000	18.2	\$4.82	22.50"
	2G11	07023	4	F40TTL/841	25	Box	Cool White	4100	82	3200	20000	18.2	\$4.82	22.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Compact Fluorescent Lamps contain mercury. For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

1 New Item

2 Preheat Electromagnetic Ballasts

3 Not for use with electronic dimmers

4 For use with electronic dimmers and dimming ballasts

UNDERSTANDING COLOR TEMPERATURE

WHAT IS COLOR TEMPERATURE?

Color temperature is a way to describe the light appearance provided by a lamp. It is measured in degrees of Kelvin (K) and, typically, falls somewhere on a scale from 2000K to 6500K for commercial and residential lighting applications. The color temperature of a lamp is assigned using the basis of correlated color temperature (CCT). For example, if you heat up a metal object, the object appears to glow. Depending on the Kelvin temperature that the metal object is being heated at, the glow will be various colors, such as orange, yellow or blue. The color temperature of lamps is meant to replicate the Kelvin temperature of the metal object in the above example, thus providing a standard against which to measure the color temperature of all lamps.

The color temperature of a lamp lets us know what the look and feel of the light produced will be. At the lower end of the scale, from 2000K to 3000K, the light produced is called “warm white” and ranges from orange to yellowish-white in appearance. Color temperatures between 3100K and 4500K are referred to as “cool white” or “bright white”. Lamps within this range will emit a more neutral white light and may even have a slightly blue tint. Above 4500K brings us into the “daylight” color temperature of light. Lamps with color temperatures of 4500K and above will give off a blue-white light that mimics daylight.

WHAT COLOR TEMPERATURE IS RIGHT FOR ME?

Understanding Kelvin temperature (K) makes it easier to choose lighting that gives you the look and feel you want.

WARM WHITE



COOL WHITE



DAYLIGHT



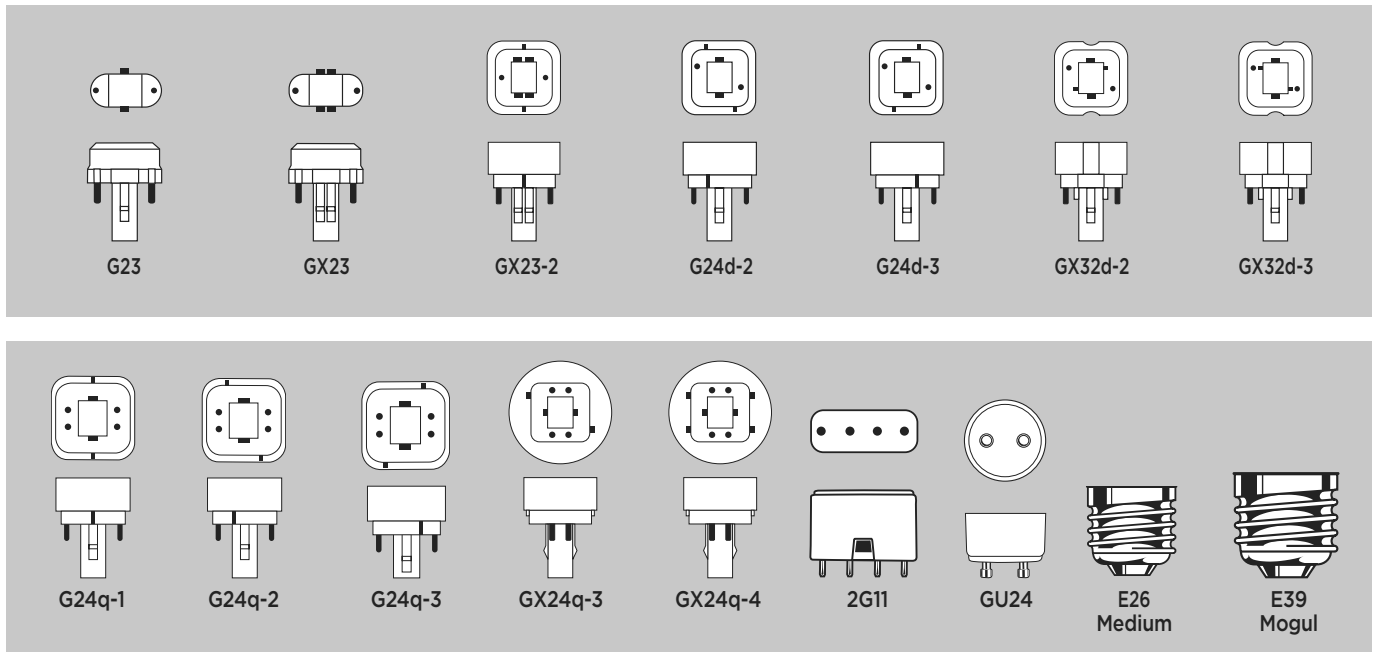
2000-3000K

3100-4500K

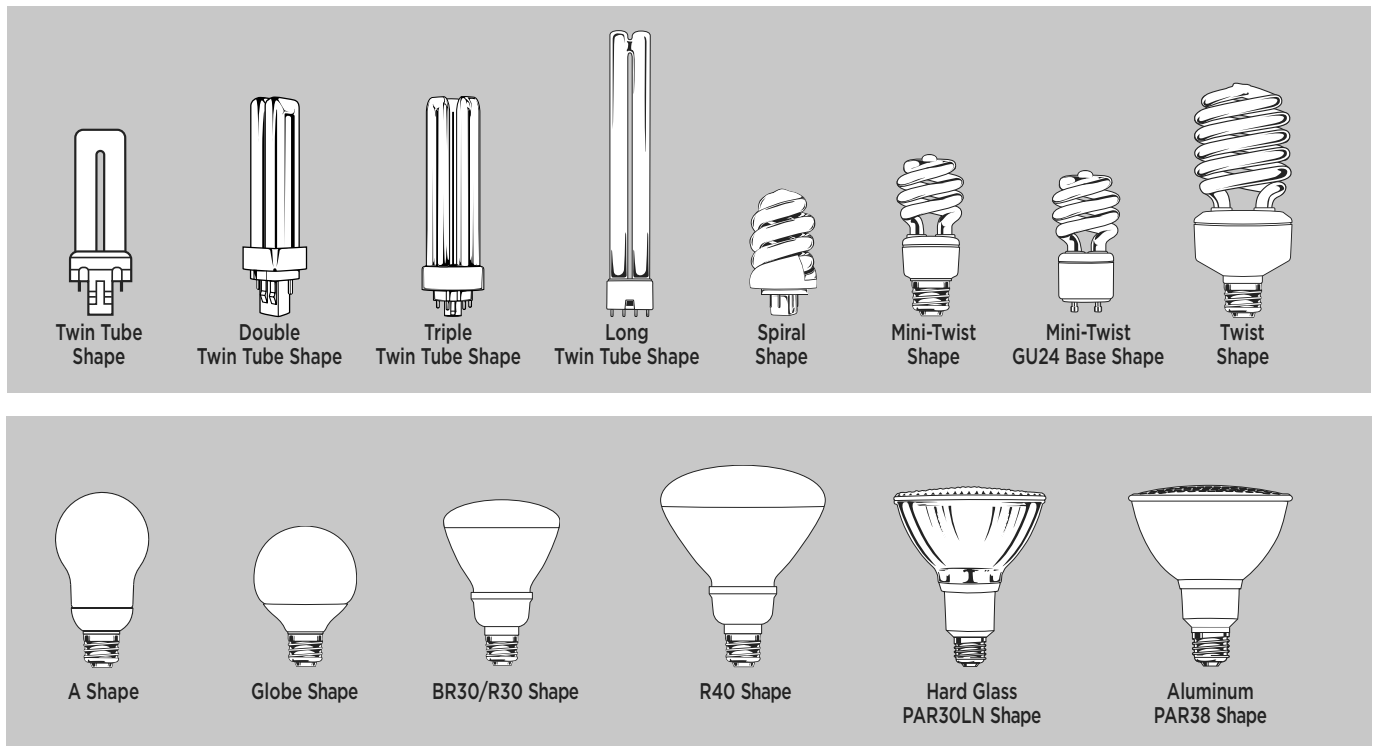
4600-6500K

Color Temperature (KELVIN)	2000K - 3000K	3100K - 4500K	4600K - 6500K
Light Appearance	Warm White	Cool White	Daylight
Ambience	Cozy, calm, inviting, intimate	Bright, vibrant	Crisp, invigorating
Best for	Pendants, wall/coach lanterns, restaurant/commercial ambient lighting, residential recessed lighting, table & floor lamps	Basements, garages, work environments, task lighting	Display areas, security lighting, garages, task lighting

COMPACT FLUORESCENT LAMP BASE TYPES



COMPACT FLUORESCENT LAMP SHAPES





ALL-PURPOSE, DECORATIVE AND SPECIALTY INCANDESCENT LIGHTING

Westinghouse offers a wide range of incandescent lamps to meet decorative, general purpose, low voltage, specialty and rough service applications.

GLOWESCENT® LAMPS (SPUN SATIN)



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
C11 GLOWESCENT®															
25	Cand.	03023		25C11/GLOWESCENT/CB	120	72/6	Card	White	C7A	1500	2650	160	1.3	\$3.01	4"
40	Cand.	03025		40C11/GLOWESCENT/CB	120	72/6	Card	White	C7A	1500	2700	320	1.3	\$4.82	4"
60	Cand.	03026		60C11/GLOWESCENT/CB	120	72/6	Card	White	C7A	1500	2700	600	1.3	\$7.23	4"
C15 GLOWESCENT®															
25	Med.	03016		25C15/GLOWESCENT	120	72/6	Card	White	C9	1500	2700	160	1.3	\$3.01	4.50"
40	Med.	03018		40C15/GLOWESCENT	120	72/6	Card	White	C9	1500	2700	320	1.3	\$4.82	4.50"
60	Med.	03019		60C15/GLOWESCENT	120	72/6	Card	White	C9	1500	2700	600	1.3	\$7.23	4.50"
H19 GLOWESCENT®															
75	Med.	03336		75H19/GLOWESCENT	120	72/12	Box	White	C9	1500	2700	825	1.3	\$9.03	5.81"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

FLICKER FLAME LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
CA5 1/2															
3	Cand.	03661		3CA5 1/2/FLK/CB	120	200/10	Box	Clear	Flicker	1500	-	-	1.3	\$0.36	2.81"
CA8															
3	Cand.	03656		3CA8/FLK/CB	120	200/10	Box	Clear	Flicker	1500	-	-	1.3	\$0.36	3.50"
	Cand.	03756		3CA8/FLK/CB	120	60/6	Card	Clear	Flicker	1500	-	-	1.3	\$0.36	3.50"
CA10															
3	Med.	03757		3CA10/FLK	120	60/6	Card	Clear	Flicker	1500	-	-	1.3	\$0.36	4"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

F15 AND DECORATIVE SPECIALTY LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
F15															
40	Med.	04034		40F15 2CD	120	36/6	Card(2)	Clear	C9	1500	2650	360	1.3	\$4.82	4.50"
	Med.	04038		40F15/A 2CD	120	36/6	Card(2)	Amber	C9	1500	-	-	1.3	\$4.82	4.50"
CST6 PUNTINO															
15	Cand.	03250		15CST6/CB	120	200/10	Box	Clear	C7A	1500	2700	97	1.3	\$1.81	2.81"
STAR															
7	Cand.	03747		7STAR/CB	120	144/6	Box	Clear	C7A	1000	2700	45	0.9	\$0.84	2.75"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association 

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

FLAME TIP LAMPS CANDELABRA BASE



FLAMME TWIST CA5



FLAME TIP CA7



FLAME TIP CA8



FLAME TIP CA9½



FLAME TIP CA10

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
CA5 (FLAMME TWIST)															
7.5	Cand.	03241		7.5CA5/CB	120	200/10	Box	Clear	C7A	3000	2300	39	2.7	\$0.90	2.81"
	Cand.	03242		7.5CA5/F/CB	120	200/10	Box	Frost	C7A	3000	2300	37	2.7	\$0.90	2.81"
	Cand.	03755		7.5CA5/CB 3CD	120	60/10	Card(3)	Clear	C7A	3000	2300	39	2.7	\$0.90	2.81"
	Cand.	03542		7.5CA5/F/CB 3CD	120	60/10	Card(3)	Frost	C7A	3000	2300	37	2.7	\$0.90	2.81"
CA7															
10	Cand.	03272		10CA7/CB	120	200/25	Box	Clear	C7A	1500	2700	62	1.3	\$1.20	2.81"
	Cand.	03671		10CA7/CB/130	130	200/25	Box	Clear	C7A	2500	2700	58	2.2	\$1.20	2.81"
CA8															
7.5	Cand.	03670	4	7.5CA8/CB/130	130	200/25	Box	Clear	C7A	2500	2700	40	2.2	\$0.90	3.50"
15	Cand.	03273		15CA8/CB	120	200/25	Box	Clear	CC2V	1500	2700	100	1.3	\$1.81	3.50"
	Cand.	03773		15CA8/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	100	1.3	\$1.81	3.50"
	Cand.	03277		15CA8/F/CB	120	200/25	Box	Frost	CC2V	1500	2700	71	1.3	\$1.81	3.50"
	Cand.	03777		15CA8/F/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	90	1.3	\$1.81	3.50"
	Cand.	03673	4	15CA8/CB/130	130	200/25	Box	Clear	C7A	2500	2700	75	2.2	\$1.81	3.50"
25	Cand.	03424		25CA8/CB/12V	12	200/10	Box	Clear	C6	2500	2650	190	2.2	\$3.01	3.50"
	Cand.	03274		25CA8/CB	120	200/25	Box	Clear	CC2V	1500	2700	190	1.3	\$3.01	3.50"
	Cand.	03774		25CA8/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	175	1.3	\$3.01	3.50"
	Cand.	03278		25CA8/F/CB	120	200/25	Box	Frost	CC2V	1500	2700	175	1.3	\$3.01	3.50"
	Cand.	03778		25CA8/F/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	160	1.3	\$3.01	3.50"
	Cand.	03674	4	25CA8/CB/130	130	200/25	Box	Clear	CC2V	2500	2700	158	2.2	\$3.01	3.50"
	Cand.	03678	4	25CA8/F/CB/130	130	200/25	Box	Frost	CC2V	2500	2700	145	2.2	\$3.01	3.50"
	Cand.	05106	4	25CA8/CB/130 25PK	130	6	Box(25)	Clear	CC2V	2500	2700	158	2.2	\$3.01	3.50"
CA9 1/2															
40	Cand.	03275		40CA9 1/2/CB	120	200/25	Box	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.75"
	Cand.	03775		40CA9 1/2/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.75"
	Cand.	03279		40CA9 1/2/F/CB	120	200/25	Box	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.75"
	Cand.	03779		40CA9 1/2/F/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.75"
	Cand.	03675	4	40CA9 1/2/CB/130	130	200/25	Box	Clear	CC2V	2500	2700	330	2.2	\$4.82	3.75"
	Cand.	03679	4	40CA9 1/2/F/CB/130	130	200/25	Box	Frost	CC2V	2500	2700	310	2.2	\$4.82	3.75"
	Cand.	05107	4	40CA9 1/2/CB/130 25PK	130	6	Box(25)	Clear	CC2V	2500	2700	330	2.2	\$4.82	3.75"
CA10															
60	Cand.	03262		60CA10/CB	120	200/25	Box	Clear	CC2V	1500	2700	615	1.3	\$7.23	4"
	Cand.	03762		60CA10/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	615	1.3	\$7.23	4"
	Cand.	03263		60CA10/F/CB	120	200/25	Box	Frost	CC2V	1500	2700	590	1.3	\$7.23	4"
	Cand.	03763		60CA10/F/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	590	1.3	\$7.23	4"
	Cand.	03662	4	60CA10/CB/130	130	200/25	Box	Clear	CC2V	2500	2700	600	2.2	\$7.23	4"
	Cand.	03663	4	60CA10/F/CB/130	130	200/25	Box	Frost	CC2V	2500	2700	580	2.2	\$7.23	4"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association 

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

FLAME TIP LAMPS MEDIUM BASE



CA10 CLEAR



CA10 FROST

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
CA10															
25	Med.	03264		25CA10	120	200/25	Box	Clear	CC2V	1500	2700	190	1.3	\$3.01	4"
	Med.	03764		25CA10 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	190	1.3	\$3.01	4"
	Med.	03267		25CA10/F	120	200/25	Box	Frost	CC2V	1500	2700	175	1.3	\$3.01	4"
	Med.	03664	4	25CA10/130	130	200/25	Box	Clear	CC2V	2500	2700	190	2.2	\$3.01	4"
	Med.	03667	4	25CA10/F/130	130	200/25	Box	Frost	CC2V	2500	2700	175	2.2	\$3.01	4"
40	Med.	03265		40CA10	120	200/25	Box	Clear	CC2V	1500	2700	365	1.3	\$4.82	4"
	Med.	03765		40CA10 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	365	1.3	\$4.82	4"
	Med.	03268		40CA10/F	120	200/25	Box	Frost	CC2V	1500	2700	350	1.3	\$4.82	4"
	Med.	03768		40CA10/F 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	350	1.3	\$4.82	4"
	Med.	03665	4	40CA10/130	130	200/25	Box	Clear	CC2V	2500	2700	345	2.2	\$4.82	4"
	Med.	03668	4	40CA10/F/130	130	200/25	Box	Frost	CC2V	2500	2700	330	2.2	\$4.82	4"
60	Med.	03266	8	60CA10/VR	120	200/25	Box	Clear	C7A	1500	2700	565	1.3	\$7.23	4"
	Med.	03766	8	60CA10/VR 2CD	120	60/10	Card(2)	Clear	C7A	1500	2700	565	1.3	\$7.23	4"
	Med.	03269	8	60CA10/F/VR	120	200/25	Box	Frost	C7A	1500	2700	565	1.3	\$7.23	4"
	Med.	03769	8	60CA10/F/VR 2CD	120	60/10	Card(2)	Frost	C7A	1500	2700	565	1.3	\$7.23	4"
	Med.	03666	4,8	60CA10/VR/130	130	200/25	Box	Clear	C7A	2500	2700	545	2.2	\$7.23	4"
	Med.	03669	4,8	60CA10/F/VR/130	130	200/25	Box	Frost	C7A	2500	2700	545	2.2	\$7.23	4"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association 

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

TORPEDO LAMPS CANDELABRA BASE



B9 1/2 CLEAR



B9 1/2 FROST



B9 1/2 WHITE



B10 CLEAR



B10 FROST

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
B9 1/2															
15	Cand.	03230		15B91/2/CB	120	200/25	Box	Clear	CC2V	1500	2700	104	1.3	\$1.81	3.33"
	Cand.	03681	4	15B91/2/CB/130	130	200/25	Box	Clear	CC2V	2500	2700	100	2.2	\$1.81	3.33"
25	Cand.	03282		25B91/2/CB	120	200/25	Box	Clear	CC2V	1500	2700	190	1.3	\$3.01	3.33"
	Cand.	03782		25B91/2/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	190	1.3	\$3.01	3.33"
	Cand.	03285		25B91/2/F/CB	120	200/25	Box	Frost	CC2V	1500	2700	175	1.3	\$3.01	3.33"
	Cand.	03785		25B91/2/F/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	175	1.3	\$3.01	3.33"
	Cand.	03682	4	25B91/2/CB/130	130	200/25	Box	Clear	CC2V	2500	2700	170	2.2	\$3.01	3.33"
	Cand.	03685	4	25B91/2/F/CB/130	130	200/25	Box	Frost	CC2V	2500	2700	165	2.2	\$3.01	3.33"
40	Cand.	03283		40B91/2/CB	120	200/25	Box	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.33"
	Cand.	03783		40B91/2/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.33"
	Cand.	03286		40B91/2/F/CB	120	200/25	Box	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.33"
	Cand.	03786		40B91/2/F/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.33"
	Cand.	03289		40B91/2/W/CB	120	200/25	Box	White	CC2V	1500	2700	350	1.3	\$4.82	3.33"
	Cand.	04023	5	40B91/2/FAN/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.33"
	Cand.	04024	5	40B91/2/F/FAN/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.33"
	Cand.	03683	4	40B91/2/CB/130	130	200/25	Box	Clear	CC2V	2500	2700	345	2.2	\$4.82	3.33"
	Cand.	03686	4	40B91/2/F/CB/130	130	200/25	Box	Frost	CC2V	2500	2700	330	2.2	\$4.82	3.33"
B10															
40	Cand.	03281	7	40B10/KR/CB	120	120/10	Box	Clear	CC2V	3000	2700	420	2.7	\$4.82	3.75"
60	Cand.	03284		60B10/CB	120	200/25	Box	Clear	CC2V	1500	2700	615	1.3	\$7.23	3.75"
	Cand.	03784		60B10/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	615	1.3	\$7.23	3.75"
	Cand.	03287		60B10/F/CB	120	200/25	Box	Frost	CC2V	1500	2700	590	1.3	\$7.23	3.75"
	Cand.	03787		60B10/F/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	590	1.3	\$7.23	3.75"
	Cand.	04027	5	60B10/FAN/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	615	1.3	\$7.23	3.75"
	Cand.	04028	5	60B10/F/FAN/CB 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	590	1.3	\$7.23	3.75"
	Cand.	03684	4	60B10/CB/130	130	200/25	Box	Clear	CC2V	2500	2700	610	2.2	\$7.23	3.75"
	Cand.	03687	4	60B10/F/CB/130	130	200/25	Box	Frost	CC2V	2500	2700	575	2.2	\$7.23	3.75"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association



3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

TORPEDO LAMPS MEDIUM BASE



B11 CLEAR



B11 FROST



B11 WHITE



B11 NON-STICK

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
B11															
25	Med.	03231	2	25B11	120	200/25	Box	Clear	CC2V	1500	2700	190	1.3	\$3.01	3.63"
	Med.	03731	2	25B11 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	190	1.3	\$3.01	3.63"
	Med.	03234		25B11/F	120	200/25	Box	Frost	CC2V	1500	2700	175	1.3	\$3.01	3.63"
	Med.	03734		25B11/F 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	175	1.3	\$3.01	3.63"
	Med.	03737		25B11/W 2CD	120	60/10	Card(2)	White	CC2V	1500	2700	175	1.3	\$3.01	3.63"
	Med.	03631	4	25B11/130	130	200/25	Box	Clear	CC2V	2500	2700	170	2.2	\$3.01	3.63"
40	Med.	03232	2	40B11	120	200/25	Box	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.63"
	Med.	03732	2	40B11 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.63"
	Med.	03235		40B11/F	120	200/25	Box	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.63"
	Med.	03735		40B11/F 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.63"
	Med.	03738		40B11/W 2CD	120	60/10	Card(2)	White	CC2V	1500	2700	350	1.3	\$4.82	3.63"
	Med.	03477	2,6	40B11/EZ 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.63"
	Med.	04092	5	40B11/FAN 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	365	1.3	\$4.82	3.63"
	Med.	04093	5	40B11/F/FAN 2CD	120	60/10	Card(2)	Frost	CC2V	1500	2700	350	1.3	\$4.82	3.63"
	Med.	03632	4	40B11/130	130	200/25	Box	Clear	CC2V	2500	2700	345	2.2	\$4.82	3.63"
60	Med.	03293	8	60B11/VR	120	200/25	Box	Clear	C7A	1500	2700	570	1.3	\$7.23	3.63"
	Med.	03793	8	60B11/VR 2CD	120	60/10	Card(2)	Clear	C7A	1500	2700	570	1.3	\$7.23	3.63"
	Med.	03296	8	60B11/F/VR	120	200/25	Box	Frost	C7A	1500	2700	540	1.3	\$7.23	3.63"
	Med.	03796	8	60B11/F/VR 2CD	120	60/10	Card(2)	Frost	C7A	1500	2700	540	1.3	\$7.23	3.63"
	Med.	03799	8	60B11/W/VR 2CD	120	60/10	Card(2)	White	C7A	1500	2700	525	1.3	\$7.23	3.63"
	Med.	03478	6,8	60B11/EZ/VR 2CD	120	60/10	Card(2)	Clear	C7A	1500	2700	570	1.3	\$7.23	3.63"
	Med.	04094	5,8	60B11/FAN/VR 2CD	120	60/10	Card(2)	Clear	C7A	1500	2700	570	1.3	\$7.23	3.63"
	Med.	04095	5,8	60B11/F/FAN/VR 2CD	120	60/10	Card(2)	Frost	C7A	1500	2700	540	1.3	\$7.23	3.63"
	Med.	03693	4,8	60B11/VR/130	130	200/25	Box	Clear	C7A	2500	2700	560	2.2	\$7.23	3.63"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association 

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

S11
MICROWAVE

S11 MICROWAVE LAMP

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
40	Inter.	04020		40S11/IN/MW	115/125	60/10	Card	Clear	CC2V	1000	2700	355	0.9	\$4.82	2.25"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

A15 CLEAR
MEDIUM BASEA15 FROST
MEDIUM BASEA15 CLEAR
INTERMEDIATE BASEA15 SOFT WHITE
INTERMEDIATE BASEA15 FROST
NON-STICKA15 CLEAR
CANDELABRA BASEA15 SOFT WHITE
CANDELABRA BASEA15
APPLIANCE LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
15	Med.	03995	2	15A15 2PK	120	48/12	Box(2)	Clear	C9	2500	2700	100	2.2	\$1.81	3.38"
	Med.	03996	2	15A15/F 2PK	120	48/12	Box(2)	Frost	C9	2500	2700	90	2.2	\$1.81	3.38"
	Med.	04501	2,4	15A15/130 2PK	130	120	Box(2)	Clear	C9	2500	2700	100	2.2	\$1.81	3.38"
	Med.	04503	2,4	15A15/F/130 2PK	130	120	Box(2)	Frost	C9	2500	2700	90	2.2	\$1.81	3.38"
25	Med.	04007		25A15	120	72/6	Card	Clear	C9	2500	2700	175	2.2	\$3.01	3.38"
	Med.	03925		25A15 2PK	120	48/12	Box(2)	Clear	C9	2500	2700	175	2.2	\$3.01	3.38"
	Med.	04006		25A15/F	120	72/6	Card	Frost	C9	2500	2700	160	2.2	\$3.01	3.38"
	Med.	03929	2	25A15/F 2PK	120	48/12	Box(2)	Frost	C9	2500	2700	160	2.2	\$3.01	3.38"
	Med.	04507	4	25A15/130 2PK	130	120	Box(2)	Clear	C9	2500	2700	175	2.2	\$3.01	3.38"
40	Inter.	03936	5	40A15/IN/FAN 2CD	120	60/6	Card(2)	Clear	C9	1500	2700	350	1.3	\$4.82	3.38"
	Inter.	03938	5	40A15/SW/IN/FAN 2CD	120	60/6	Card(2)	Soft White	C9	1500	2700	325	1.3	\$4.82	3.38"
	Med.	04001	2	40A15	120	72/6	Card	Clear	C9	2500	2700	350	2.2	\$4.82	3.38"
	Med.	04003	2	40A15	120	60/10	Box	Clear	C9	2500	2700	350	2.2	\$4.82	3.38"
	Med.	03926	2	40A15 2PK	120	48/12	Box(2)	Clear	C9	2500	2700	350	2.2	\$4.82	3.38"
	Med.	04002	2	40A15/F	120	72/6	Card	Frost	C9	2500	2700	340	2.2	\$4.82	3.38"
	Med.	03930	2	40A15/F 2PK	120	48/12	Box(2)	Frost	C9	2500	2700	340	2.2	\$4.82	3.38"
	Med.	03457	2,6	40A15/F/EZ	120	72/6	Card	Frost	C9	2500	2700	340	2.2	\$4.82	3.38"
	Med.	04090	5	40A15/FAN	120	72/6	Card	Clear	C9	2500	2700	350	2.2	\$4.82	3.38"
	Med.	37152	5	40A15/FAN 2CD	120	60/6	Card(2)	Clear	C9	1500	2700	350	1.3	\$4.82	3.38"
	Med.	04502	4	40A15/130 2PK	130	120	Box(2)	Clear	C9	2500	2700	350	2.2	\$4.82	3.38"
	Med.	04504	2,4	40A15/F/130 2PK	130	120	Box(2)	Frost	C9	2500	2700	340	2.2	\$4.82	3.38"
60	Cand.	03941	5	60A15/CB/FAN 2CD	120	60/6	Card(2)	Clear	C9	1500	2700	570	1.3	\$7.23	3.38"
	Cand.	03943	5	60A15/SW/CB/FAN 2CD	120	60/6	Card(2)	Soft White	C9	1500	2700	550	1.3	\$7.23	3.38"
	Med.	03998	2,8	60A15/VR 2PK	120	48/12	Box(2)	Clear	C9	2500	2700	570	2.2	\$7.23	3.38"
	Med.	03999	8	60A15/F/VR 2PK	120	48/12	Box(2)	Frost	C9	2500	2700	540	2.2	\$7.23	3.38"
	Med.	03458	6,8	60A15/F/EZ/VR	120	72/6	Card	Frost	C9	2500	2700	540	2.2	\$7.23	3.38"
	Med.	04096	5,8	60A15/FAN/VR	120	72/6	Card	Clear	C9	2500	2700	570	2.2	\$7.23	3.38"
	Med.	37153	5,8	60A15/FAN/VR 2CD	120	60/6	Card(2)	Clear	C9	1500	2700	600	1.3	\$7.23	3.38"
	Med.	04010	5,8	60A15/SW/FAN/VR	120	72/6	Card	Soft White	C9	2500	2700	455	2.2	\$7.23	3.38"
	Med.	04505	4,8	60A15/VR/130 2PK	130	120	Box(2)	Clear	C9	2500	2700	570	2.2	\$7.23	3.38"
	Med.	04509	4,8	60A15/F/VR/130 2PK	130	120	Box(2)	Frost	C9	2500	2700	540	2.2	\$7.23	3.38"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

A19 LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
25	Med.	03985		25A 2PK	120	120/24	Box(2)	Clear	CC6	1000	2700	230	0.9	\$3.01	4.13"
	Med.	03963		25A 4PK	120	48	Box(4)	Clear	CC6	1000	2700	230	0.9	\$3.01	4.13"
	Med.	03935		25A/F 2PK	120	120/24	Box(2)	Frost	CC6	1000	2700	230	0.9	\$3.01	4.13"
	Med.	03955		25A/SW 2PK	120	120/24	Box(2)	Soft White	CC6	1000	2700	220	0.9	\$3.01	4.13"
	Med.	04110	4	25A/130 4PK	130	120	Box(4)	Clear	CC6	5000	2700	205	4.5	\$3.01	4.13"
	Med.	04100	4	25A/F/130 4PK	130	120	Box(4)	Frost	CC6	5000	2700	205	4.5	\$3.01	4.13"
29	Med.	36831	3	29A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	1000	3000	450	0.9	\$3.49	4.25"
	Med.	36830	3	29A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	1000	3000	450	0.9	\$3.49	4.25"
	Med.	36870	3	29A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	1000	2900	450	0.9	\$3.49	4.25"
40	Med.	03986	8	40A/VR 2PK	120	120/24	Box 2)	Clear	C9-3A	1000	2700	340	0.9	\$4.82	4.13"
	Med.	0396529	8	40A/VR 2PK	120	96/24	Box(2)	Clear	C9-3A	1000	2700	340	0.9	\$4.82	4.13"
	Med.	0337129	8	40A/F/VR 2PK	120	120	Box(2)	Frost	C9-3A	1000	2700	340	0.9	\$4.82	4.13"
	Med.	0399129	8	40A/SW/VR 2PK	120	120	Box(2)	Soft White	C9-3A	1000	2700	330	0.9	\$4.82	4.13"
	Med.	3718129	8	40A/SW/VR 2PK	120	48	Box(2)	Soft White	C9-3A	2000	2700	330	1.8	\$4.82	4.13"
	Med.	36975	4,8	40A/VR/130	130	60/6	Box	Clear	C9-3A	5000	2700	290	4.5	\$4.82	4.13"
	Med.	36971	4,8	40A/F/VR/130	130	60/6	Box	Frost	C9-3A	5000	2700	290	4.5	\$4.82	4.13"
	Med.	0411129	4,8	40A/VR/130 2PK	130	120	Box(2)	Clear	C9-3A	5000	2700	290	4.5	\$4.82	4.13"
	Med.	0410129	4,8	40A/F/VR/130 2PK	130	120	Box(2)	Frost	C9-3A	5000	2700	290	4.5	\$4.82	4.13"
42	Med.	36832	3	42A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	1000	3000	760	0.9	\$5.06	4.25"
	Med.	36800	3	42A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	1000	3000	760	0.9	\$5.06	4.25"
	Med.	36876	3	42A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	1000	2900	760	0.9	\$5.06	4.25"
	Med.	05104	3	42A19/H/SW/ECO 12PK	120	6	Box(12)	Soft White	CC8	1000	3000	760	0.9	\$5.06	4.25"
50	Med.	03952	9	50A/F/RS	120	36/6	Box	Frost	C11	1000	2700	520	0.9	\$6.02	4.25"
53	Med.	36834	3	53A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	1000	3000	1100	0.9	\$6.38	4.25"
	Med.	36833	3	53A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	1000	3000	1100	0.9	\$6.38	4.25"
	Med.	36873	3	53A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	1000	2900	1100	0.9	\$6.38	4.25"
60	Med.	03987	8	60A/VR 2PK	120	120/24	Box(2)	Clear	C9-3A	1000	2700	620	0.9	\$7.23	4.13"
	Med.	0396629	8	60A/VR 2PK	120	96/24	Box(2)	Clear	C9-3A	1000	2700	620	0.9	\$7.23	4.13"
	Med.	0337229	8	60A/F/VR 2PK	120	120	Box(2)	Frost	C9-3A	1000	2700	625	0.9	\$7.23	4.13"
	Med.	0339629	8	60A/RNL/VR 2PK	120	48	Box(2)	Radiant Natural Light*	C9-3A	1000	2700	450	0.9	\$7.23	4.13"
	Med.	0399229	8	60A/SW/VR 2PK	120	120	Box(2)	Soft White	C9-3A	1000	2700	545	0.9	\$7.23	4.13"
	Med.	3718229	8	60A/SW/VR 2PK	120	48	Box(2)	Soft White	C9-3A	1500	2700	650	1.3	\$7.23	4.13"
	Med.	03909		60A/F/GDO	120	36/6	Box	Frost/Garage	C9	3000	2700	600	2.7	\$7.23	4.13"
	Med.	03950		60A/TS/130	130	36/6	Box	Toughshell*	CC6	4000	2700	587	3.6	\$7.23	4.13"
	Med.	36976	4,8	60A/VR/130	130	60/6	Box	Clear	C9-3A	5000	2700	485	4.5	\$7.23	4.13"
	Med.	36972	4,8	60A/F/VR/130	130	60/6	Box	Frost	C9-3A	5000	2700	485	4.5	\$7.23	4.13"
	Med.	0410229	4,8	60A/F/VR/130 2PK	130	120	Box(2)	Frost	C9-3A	5000	2700	485	4.5	\$7.23	4.13"
	Med.	0411229	4,8	60A/VR/130 2PK	130	120	Box(2)	Clear	C9-3A	5000	2700	485	4.5	\$7.23	4.13"
72	Med.	36835	3	72A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	1000	3000	1600	0.9	\$8.67	4.25"
	Med.	36801	3	72A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	1000	3000	1600	0.9	\$8.67	4.25"
	Med.	36877	3	72A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	1000	3000	1600	0.9	\$8.67	4.25"
	Med.	05105	3	72A19/H/SW/ECO 12PK	120	6	Box(12)	Soft White	CC8	1000	3000	1600	0.9	\$8.67	4.25"
75	Med.	03953	9	75A/F/RS	120	36/6	Box	Frost	C11	1000	2700	800	0.9	\$9.03	4.25"
	Med.	03976	9	75A/F/RS 2PK	120	120/24	Box(2)	Frost	C11	1000	2700	800	0.9	\$9.03	4.25"
	Med.	04403		75A/TS/130	130	36/6	Box	Toughshell*	CC6	4000	2700	716	3.6	\$9.03	4.13"
100	Med.	03954	9	100A/F/RS	120	36/6	Box	Frost	C11	1000	2700	1190	0.9	\$12.05	4.25"
	Med.	03969	9	100A/F/RS 2PK	120	120/24	Box(2)	Frost	C11	1000	2700	1190	0.9	\$12.05	4.25"
	Med.	03951		100A/TS/130	130	36/6	Box	Toughshell*	CC6	4000	2700	860	3.6	\$12.05	4.13"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association



3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.



A19 SPECIALTY LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
25	Med.	03422		25A/F/12V	12	36/6	Box	Frost	C6	2500	2700	250	2.2	\$3.01	4.13"
	Med.	03949		25A/O	120	36/6	Box	Orange	C9	2500	2000	-	2.2	\$3.01	4.13"
	Med.	03443		25A/TA	120	36/6	Box	Transparent Amber	C9	2500	2700	-	2.2	\$3.01	4.13"
	Med.	03444		25A/TG	120	36/6	Box	Transparent Green	C9	2500	2700	-	2.2	\$3.01	4.13"
	Med.	03445		25A/TB	120	36/6	Box	Transparent Blue	C9	2500	2700	-	2.2	\$3.01	4.13"
	Med.	03446		25A/TR	120	36/6	Box	Transparent Red	C9	2500	2700	-	2.2	\$3.01	4.13"
50	Med.	03423		50A/F/12V	12	36/6	Box	Frost	C6	2500	2700	548	2.2	\$6.02	4.13"
60	Med.	03452		60A/Y 2PK	120	120/24	Box(2)	Yellow Bug Light	C9	1000	2700	-	0.9	\$7.23	4.13"
75	Med.	03920	2	75A/BL	120	36/6	Box	Blacklite	C9	480	-	-	0.4	\$9.03	4.25"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



A21 LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
150	Med.	03970		150A21	120	36/6	Box	Clear	CC6	1000	2700	2650	0.9	\$18.07	5"
	Med.	03971		150A21/F	120	36/6	Box	Frost	CC6	1000	2700	2650	0.9	\$18.07	5"
	Med.	04542	4	150A21/130	130	36/6	Box	Clear	CC6	1000	2700	2650	0.9	\$18.07	5"
	Med.	04540	4	150A21/F/130	130	36/6	Box	Frost	CC6	1000	2700	2650	0.9	\$18.07	5"
	Med.	36959	4	150A21/F/130	130	60/6	Box	Frost	CC6	1000	2700	2650	0.9	\$18.07	5"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

A23 LAMPS



A23 CLEAR



A23 FROST

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
A23															
200	Med.	03972		200A23	120	12	Box	Clear	CC6	750	2700	3850	0.6	\$24.09	5.50"
	Med.	03973		200A23/F	120	12	Box	Frost	CC6	750	2700	3800	0.6	\$24.09	5.50"
	Med.	04543	4	200A23/130	130	12	Box	Clear	CC6	750	2700	3850	0.6	\$24.09	5.50"
	Med.	36960	4	200A23/F/130	130	60/6	Box	Frost	CC6	750	2700	3600	0.6	\$24.09	5.50"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

PS30 LAMPS



PS30 CLEAR



PS30 FROST

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
PS30															
300	Med.	03974		300PS30	120	12	Box	Clear	C9	750	2850	5870	0.6	\$36.14	8"
	Med.	03975		300PS30/F	120	12	Box	Frost	C9	750	2850	5860	0.6	\$36.14	8"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

3-WAY LAMPS

A19 3-WAY
SOFT WHITEA21 3-WAY
SOFT WHITEA21 3-WAY RADIANT
NATURAL LIGHT*

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
A19															
30/70/100	Med.	03908		30/70/100A/SW	120	36/6	Box	Soft White	CC6	2000	2700	275/950/1225	1.8	\$12.05	4.13"
A21															
30/70/100	Med.	03903		30/70/100A21/SW	120	36/6	Box	Soft White	CC6	2000	2700	275/950/1225	1.8	\$12.05	5"
50/100/150	Med.	03904		50/100/150A21/SW	120	36/6	Box	Soft White	CC6	2000	2700	500/1350/1850	1.8	\$18.07	5"
	Med.	03964		50/100/150A21/SW 2PK	120	36/6	Box(2)	Soft White	CC6	2000	2700	500/1350/1850	1.8	\$18.07	5"
	Med.	03410	2	50/100/150A21/RNL	120	36/6	Box	Radiant Natural Light*	CC6	1200	2700	400/1040/1400	1	\$18.07	5"
	Med.	04548	4	50/100/150A21/SW/130	130	36/6	Box	Soft White	CC6	2000	2700	500/1350/1850	1.8	\$18.07	5"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association 

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

G4½, G12½, G16½ AND G19½ LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
G4 1/2															
6	E10	03797		6G4.5/E10/12V 2CD	12	60/10	Card(2)	Clear	C2R	1000	2700	40	0.9	\$0.72	1.11"
G12 1/2															
10	Cand.	03831		10G12½/2/CB	120	200/10	Box	Clear	C7A	1500	2700	58	1.3	\$1.20	2.25"
20	Cand.	03843		20G12½/2/CB 2CD	120	60/10	Card(2)	Clear	C7A	1500	2700	130	1.3	\$2.41	2.25"
G16 1/2															
15	Cand.	03821		15G16½/2/CB	120	200/10	Box	Clear	CC2V	1500	2700	105	1.3	\$1.81	2.75"
	Cand.	03740		15G16½/2/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	102	1.3	\$1.81	2.75"
	Cand.	03814		15G16½/2/W/CB	120	200/10	Box	White	CC2V	1500	2700	100	1.3	\$1.81	2.75"
	Cand.	03752		15G16½/2/W/CB 2CD	120	60/10	Card(2)	White	CC2V	1500	2700	95	1.3	\$1.81	2.75"
25	Cand.	03822		25G16½/2/CB	120	200/10	Box	Clear	CC2V	1500	2700	175	1.3	\$3.01	2.75"
	Cand.	03741		25G16½/2/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	160	1.3	\$3.01	2.75"
	Cand.	03815		25G16½/2/W/CB	120	200/10	Box	White	CC2V	1500	2700	155	1.3	\$3.01	2.75"
	Cand.	03753		25G16½/2/W/CB 2CD	120	60/10	Card(2)	White	CC2V	1500	2700	155	1.3	\$3.01	2.75"
	Cand.	03611	4	25G16½/2/CB/130	130	200/10	Box	Clear	CC2V	2500	2700	160	2.2	\$3.01	2.75"
	Cand.	03636	4	25G16½/2/W/CB/130	130	200/10	Box	White	CC2V	2500	2700	155	2.2	\$3.01	2.75"
40	Cand.	03823		40G16½/2/CB	120	200/10	Box	Clear	CC2V	1500	2700	340	1.3	\$4.82	2.75"
	Cand.	03742		40G16½/2/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	340	1.3	\$4.82	2.75"
	Cand.	03816		40G16½/2/W/CB	120	200/10	Box	White	CC2V	1500	2700	330	1.3	\$4.82	2.75"
	Cand.	03754		40G16½/2/W/CB 2CD	120	60/10	Card(2)	White	CC2V	1500	2700	330	1.3	\$4.82	2.75"
	Cand.	03612	4	40G16½/2/CB/130	130	200/10	Box	Clear	CC2V	2500	2700	340	2.2	\$4.82	2.75"
60	Cand.	03839		60G16½/2/CB	120	200/10	Box	Clear	CC2V	1500	2700	615	1.3	\$7.23	2.75"
	Cand.	03745		60G16½/2/CB 2CD	120	60/10	Card(2)	Clear	CC2V	1500	2700	610	1.3	\$7.23	2.75"
	Cand.	03840		60G16½/2/W/CB	120	200/10	Box	White	CC2V	1500	2700	580	1.3	\$7.23	2.75"
	Cand.	03701		60G16½/2/W/CB 2CD	120	60/10	Card(2)	White	CC2V	1500	2700	580	1.3	\$7.23	2.75"
	Cand.	03609	4	60G16½/2/CB/130	130	200/10	Box	Clear	CC2V	2500	2700	540	2.2	\$7.23	2.75"
G19 1/2															
25	Med.	03818		25G19½/2	120	200/10	Box	Clear	C9	1500	2700	175	1.3	\$3.01	3.44"
	Med.	03827		25G19½/2/W	120	200/10	Box	White	C9	1500	2700	160	1.3	\$3.01	3.44"
40	Med.	03828		40G19½/2/W/VR	120	200/10	Box	White	C9	1500	2700	325	1.3	\$4.82	3.44"
60	Med.	03829		60G19½/2/W/VR	120	200/10	Box	White	C9	1500	2700	550	1.3	\$7.23	3.44"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.



G25 CLEAR



G25 WHITE



G25 1/2 CHROME

G25 LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
25	Med.	03118	2	25G25	120	72/12	Box	Clear	C9	1500	2700	185	1.3	\$3.01	4.38"
	Med.	03121	2	25G25/W	120	72/12	Box	White	C9	1500	2700	180	1.3	\$3.01	4.38"
	Med.	03155		25G25/CH	120	72/6	Box	1/2 Chrome	C9	750	2700	-	0.6	\$3.01	4.38"
	Med.	04218	2,4	25G25/130	130	72/6	Box	Clear	C9	3500	2700	180	3.1	\$3.01	4.38"
	Med.	04221	2,4	25G25/W/130	130	72/6	Box	White	C9	3500	2700	160	3.1	\$3.01	4.38"
40	Med.	03119	2	40G25	120	72/12	Box	Clear	C9	1500	2700	365	1.3	\$4.82	4.38"
	Med.	03122	2	40G25/W	120	72/12	Box	White	C9	1500	2700	340	1.3	\$4.82	4.38"
	Med.	03156		40G25/CH	120	72/6	Box	1/2 Chrome	C9	750	2700	-	0.6	\$4.82	4.38"
	Med.	04219	2,4	40G25/130	130	72/6	Box	Clear	C9	3500	2700	320	3.1	\$4.82	4.38"
	Med.	04222	2,4	40G25/W/130	130	72/6	Box	White	C9	3500	2700	290	3.1	\$4.82	4.38"
	Med.	05103	4	40G25/W/130 12PK	130	6	Box(12)	White	C9	3500	2700	290	3.1	\$4.82	4.38"
60	Med.	03120	8	60G25/VR	120	72/12	Box	Clear	C9	1500	2700	615	1.3	\$7.23	4.38"
	Med.	03123	8	60G25/W/VR	120	72/12	Box	White	C9	1500	2700	570	1.3	\$7.23	4.38"
	Med.	03157		60G25/CH	120	72/6	Box	1/2 Chrome	C9	750	2700	-	0.6	\$7.23	4.38"
	Med.	04220	4,8	60G25/VR/130	130	72/6	Box	Clear	C9	3500	2700	530	3.1	\$7.23	4.38"
	Med.	04223	4,8	60G25/W/VR/130	130	72/6	Box	White	C9	3500	2700	480	3.1	\$7.23	4.38"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



G30 WHITE



G40 CLEAR



G40 WHITE

G30 AND G40 LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
G30															
40	Med.	03111		40G30/W	120	36/6	Box	White	C9	1500	2700	355	1.3	\$4.82	5.13"
60	Med.	03112	8	60G30/W/VR	120	36/6	Box	White	C9	1500	2700	640	1.3	\$7.23	5.13"
G40															
40	Med.	03101		40G40	120	6	Box	Clear	CC6	2500	2700	431	2.2	\$4.82	6.75"
	Med.	03106		40G40/W	120	6	Box	White	CC6	2500	2700	388	2.2	\$4.82	6.75"
60	Med.	03102		60G40	120	6	Box	Clear	CC6	2500	2700	722	2.2	\$7.23	6.75"
	Med.	03107		60G40/W	120	6	Box	White	CC6	2500	2700	650	2.2	\$7.23	6.75"
100	Med.	03103		100G40	120	6	Box	Clear	CC6	2500	2700	1357	2.2	\$12.05	6.75"
	Med.	03108		100G40/W	120	6	Box	White	CC6	2500	2700	1221	2.2	\$12.05	6.75"
150	Med.	03109		150G40/W	120	6	Box	White	CC6	2500	2700	1895	2.2	\$18.07	6.75"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

REFLECTOR LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/Inner Pack	Package Type	Finish	Beam Type	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
R14																
25	Inter.	03648		25R14/IN/FL	120	36/12	Hanging Box	Frost	Flood	CC2V	1500	2700	140	1.3	\$3.01	2.63"
	Med.	03622		25R14/SP	120	36/12	Hanging Box	Frost	Spot	CC2V	1500	2700	175	1.3	\$3.01	2.25"
	Med.	03623	2	25R14/FL	120	36/12	Hanging Box	Frost	Flood	CC2V	1500	2700	175	1.3	\$3.01	2.25"
40	Inter.	03626		40R14/IN/FL	120	36/12	Hanging Box	Frost	Flood	CC2V	1500	2700	185	1.3	\$4.82	2.63"
	Inter.	04030	5	40R14/FL/IN/FAN 2CD	120	36/6	Card(2)	Frost	Flood	CC2V	1500	2700	185	1.3	\$4.82	2.63"
	Med.	03604		40R14/FL	120	36/12	Hanging Box	Frost	Flood	CC2V	1500	2700	185	1.3	\$4.82	2.25"
	Med.	03605		40R14/SP	120	36/12	Hanging Box	Frost	Spot	CC2V	1500	2700	185	1.3	\$4.82	2.25"
R16																
40	Inter.	04000		40R16/IN/FL	120	36/12	Hanging Box	Frost	Flood	CC2V	1500	2700	310	1.3	\$4.82	3.15"
	Med.	03627		40R16/SP	120	36/12	Hanging Box	Frost	Spot	CC6	1500	2700	310	1.3	\$4.82	3.50"
	Med.	03633		40R16/FL	120	36/12	Hanging Box	Frost	Flood	CC6	1500	2700	310	1.3	\$4.82	3.50"
R20																
30	Med.	03654	2	30R20/SP	120	36/6	Box	Frost	Spot	CC6	2000	2700	215	1.8	\$3.61	4"
	Med.	04303	2	30R20/FL	120	36/6	Box	Frost	Flood	CC6	2000	2700	215	1.8	\$3.61	4"
	Med.	04230	2,4	30R20/FL/130	130	60/6	Box	Frost	Flood	CC6	2000	2700	215	1.8	\$3.61	4"
E 35	Med.	36802	3	35R20/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	2500	2800	380	2.2	\$4.22	3.82"
E 45	Med.	03700		45R20/FL	120	36/6	Box	Frost	Flood	CC6	2000	2700	380	1.8	\$5.42	4"
E	Med.	03702		45R20/SP	120	36/6	Box	Frost	Spot	CC6	2000	2700	380	1.8	\$5.42	4"
E	Med.	36860	3	45R20/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	2000	3000	500	1.8	\$5.42	3.82"
E	Med.	05258		45R20/FL 2PK	120	24/6	Box(2)	Frost	Flood	CC6	2000	2700	380	1.8	\$5.42	4"
E	Med.	04229	4	45R20/FL/130	130	60/6	Box	Frost	Flood	CC6	2000	2700	380	1.8	\$5.42	4"
E	Med.	05100	4	45R20/FL/130 12PK	130	6	Box(12)	Frost	Flood	CC6	2000	2700	380	1.8	\$5.42	4"
BR25																
E 55	Med.	36861	3	55BR25/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	1000	3000	960	0.9	\$6.62	4.72"
BR30																
E 45	Med.	05204		45BR30/FL	120	36/6	Box	Frost	Flood	CC6	1000	2700	425	0.9	\$5.42	5.35"
E 50	Med.	03680	2	50BR30/FL	120	36/6	Box	Frost	Flood	CC6	2000	2700	400	1.8	\$6.02	5.38"
E	Med.	36803	3	50BR30/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	2500	2800	590	2.2	\$6.02	5.24"
E 65	Med.	03646	2	65BR30/FL	120	36/6	Box	Frost	Flood	CC6	2000	2700	650	1.8	\$7.83	5.38"
E	Med.	36862	3	65BR30/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	2000	3000	820	1.8	\$7.83	5.24"
E	Med.	03647	2	65BR30/SP	120	36/6	Box	Frost	Spot	CC6	2000	2700	650	1.8	\$7.83	5.38"
E	Med.	05265	2	65BR30/FL 2PK	120	10	Box(2)	Frost	Flood	CC6	2000	2700	650	1.8	\$7.83	5.38"
E	Med.	04165	2,4	65BR30/FL/130	130	144/6	Box	Frost	Flood	CC6	2000	2700	650	1.8	\$7.83	5.38"
E	Med.	04235	2,4	65BR30/FL/130	130	60/6	Box	Frost	Flood	CC6	2000	2700	650	1.8	\$7.83	5.38"
E	Med.	05101	4	65BR30/FL/130 12PK	130	6	Box(12)	Frost	Flood	CC6	2000	2700	650	1.8	\$7.83	5.38"
75	Med.	04668		75BR30/B/FL/130	130	60/6	Box	Blue	Flood	C9	2000	-	-	1.8	\$9.03	5.38"
	Med.	04672		75BR30/R/FL/130	130	60/6	Box	Red	Flood	C9	2000	-	-	1.8	\$9.03	5.38"
	Med.	04673		75BR30/G/FL/130	130	60/6	Box	Green	Flood	C9	2000	-	-	1.8	\$9.03	5.38"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

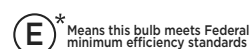
5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.



REFLECTOR
LAMPS

BR40

	Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Beam Type	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
BR40																	
Ⓔ	65	Med.	03960		65BR40/SP	120	24/6	Box	Frost	Spot	CC6	2000	2700	620	1.8	\$7.83	6.50"
Ⓔ		Med.	03961		65BR40/FL	120	24/6	Box	Frost	Flood	CC6	2000	2700	650	1.8	\$7.83	6.50"
Ⓔ		Med.	36864	3	65BR40/H/FL/ECO	120	6	Box	Frost	Flood	CC8	2000	3000	820	1.8	\$7.83	6.42"
Ⓔ		Med.	04242	4	65BR40/FL/130	130	24/6	Box	Frost	Flood	CC6	2000	2700	715	1.8	\$7.83	6.50"
Ⓔ		Med.	05102	4	65BR40/FL/130 6PK	130	6	Box(6)	Frost	Flood	CC6	2000	2700	715	1.8	\$7.83	6.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh



HEAT LAMP

HEAT LAMP NON-STICK BASE

R40 INFRARED HEAT
LAMPS

	Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Beam Type	Filament Type	Avg. Rated Hours	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
R40 HEAT																
	125	Med.	03918		125R40/HT	120	24/6	Box	Clear	Flood	C9	5000	550	4.5	\$15.06	6.50"
		Med.	03907	1	125R40/HT	120	24/6	Box	Clear	Flood	C9	5000	500	4.5	\$15.06	6.50"
	250	Med.	03916		250R40/HT	120	24/6	Box	Clear	Flood	C9	5000	1200	4.5	\$30.11	6.50"
		Med.	03910	1	250R40/HT	120	24/6	Box	Clear	Flood	C9	5000	1000	4.5	\$30.11	6.50"
		Med.	03913		250R40/HT 2PK	120	12	Box (2)	Clear	Flood	C9	5000	1200	4.5	\$30.11	6.50"
		Med.	03917		250R40/HT/R	120	24/6	Box	Red	Flood	C9	5000	-	4.5	\$30.11	6.50"
		Med.	03483	6	250R40/HT/R/EZ	120	24/6	Box	Red	Flood	C9	5000	-	4.5	\$30.11	6.50"
		Med.	03484	6	250R40/HT/EZ	120	24/6	Box	Clear	Flood	C9	5000	1200	4.5	\$30.11	6.50"
	375	Med.	03915		375R40/HT	120	24/6	Box	Clear	Flood	C9	5000	2300	4.5	\$45.17	6.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh



BR38 BUG LIGHT

BR38 RED

BR38 AMBER

BR38 GREEN

BR38 BLUE

BR38 INDOOR/OUTDOOR
LAMPS

	Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Beam Type	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
BR38																	
	100	Med.	04409		100BR38/Y/FL	120	12	Box	Yellow	Flood	C9	2000	-	-	1.8	\$12.05	5.75"
		Med.	04410		100BR38/R/FL	120	12	Box	Red	Flood	C9	2000	-	-	1.8	\$12.05	5.75"
		Med.	04411		100BR38/A/FL	120	12	Box	Amber	Flood	C9	2000	-	-	1.8	\$12.05	5.75"
		Med.	04413		100BR38/G/FL	120	12	Box	Green	Flood	C9	2000	-	-	1.8	\$12.05	5.75"
		Med.	04414		100BR38/B/FL	120	12	Box	Blue	Flood	C9	2000	-	-	1.8	\$12.05	5.75"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

* Means this bulb meets Federal minimum efficiency standards

C7 LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
4	Cand.	03601		4C7/CB	120	100/10	Box	Clear	C7A	3000	20	2.7	\$0.48	2.11"
	Cand.	03794		4C7/CB 2CD	120	120/10	Card(2)	Clear	C7A	3000	20	2.7	\$0.48	2.11"
	Cand.	04794		4C7/CB 4CD	120	120/6	Card(4)	Clear	C7A	3000	20	2.7	\$0.48	2.11"
	Cand.	03795		4C7/W/CB 2CD	120	120/10	Card(2)	White	C7A	3000	19	2.7	\$0.48	2.11"
	Cand.	04795		4C7/W/CB 4CD	120	120/6	Card(4)	White	C7A	3000	19	2.7	\$0.48	2.11"
7	Cand.	03691		7C7/CB	120	100/10	Box	Clear	C7A	3000	45	2.7	\$0.84	2.11"
	Cand.	03791		7C7/CB 2CD	120	120/10	Card(2)	Clear	C7A	3000	45	2.7	\$0.84	2.11"
	Cand.	37202		7C7/CB 4CD	120	60/10	Card(4)	Clear	C7A	4000	43	3.6	\$0.84	2.11"
	Cand.	03792		7C7/W/CB 2CD	120	120/10	Card(2)	White	C7A	3000	35	2.7	\$0.84	2.11"
	Cand.	37206		7C7/W/CB 4CD	120	60/10	Card(4)	White	C7A	4000	34	3.6	\$0.84	2.11"
10	Cand.	37207		10C7/CB 2CD	120	120/10	Card(2)	Clear	C7A	2000	50	1.8	\$1.20	2.11"
15	Cand.	37208		15C7/CB 2CD	120	120/10	Card(2)	Clear	C7A	3000	90	2.7	\$1.81	2.11"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

S6, S11 AND S14 LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
S6														
6	Cand.	03543		6S6/12V/CB 2CD	12	60/10	Card(2)	Clear	C2R	2000	35	1.8	\$0.72	1.79"
	Cand.	04025		6S6/CB 2CD	120	60/6	Card(2)	Clear	C7A	1500	32	1.3	\$0.72	1.88"
	Cand.	04525	4	6S6/CB/130	130	100/10	Box	Clear	C7A	1500	32	1.3	\$0.72	1.88"
S11														
7.5	Med.	04064		7.5S11	120	60/6	Card	Clear	C7A	1500	53	1.3	\$0.90	2.25"
	Med.	04065		7.5S11/W	120	60/6	Card	White	C7A	1500	39	1.3	\$0.90	2.25"
	Med.	04067		7.5S11/R	120	60/10	Card	Red	C7A	2500	-	2.2	\$0.90	2.25"
	Med.	04564		7.5S11/130	130	100/10	Box	Clear	C7A	2500	52	2.2	\$0.90	2.25"
	Med.	04061		7.5S11/G/130	130	60/10	Card	Green	C7A	2500	-	2.2	\$0.90	2.25"
10	Inter.	03568		10S11/IN/130	130	60/10	Card	Clear	C7A	2500	80	2.2	\$1.20	2.25"
18	S.C. Bay.	06311		18S11/SC/12V 2CD	12	60/10	Card(2)	Clear	C6	2000	200	1.8	\$2.17	2.25"
20	Cand.	03569		20S11/CB	120	60/10	Card	Clear	CC2V	1500	120	1.3	\$2.41	2.25"
25	Inter.	03534		25S11/IN	120	60/10	Card	Clear	CC2V	1000	180	0.9	\$3.01	2.25"
40	Inter.	03729		40S11/IN	120	60/6	Card	Clear	CC2V	1000	355	0.9	\$4.82	2.25"
	Inter.	03629		40S11/IN	120	100/10	Box	Clear	CC2V	1000	355	0.9	\$4.82	2.25"
S14														
11	Med.	04340		11S14/130	130	120/12	Box	Clear	C9	2500	63	2.2	\$1.32	3.38"
	Med.	03540		11S14/130	130	60/6	Card	Clear	C9	2500	63	2.2	\$1.32	3.38"
	Med.	03541		11S14/F/130	130	60/6	Card	Frost	C9	2500	60	2.2	\$1.32	3.38"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

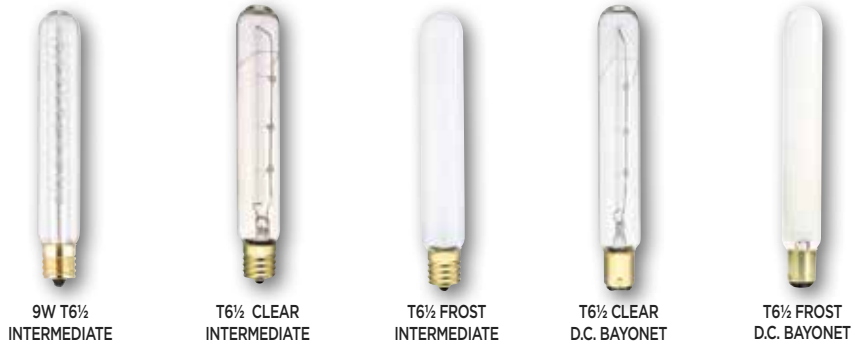
T4 AND T6 LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
T4														
15	Cand.	03226		15T4/CB	120	100/10	Card	Clear	C5	1000	100	0.9	\$1.81	1.75"
T6														
15	Cand.	03723		15T6/F/CB	120	60/6	Card	Frost	C7A	1000	89	0.9	\$1.81	3"
	Cand.	03882		15T6/CB/130	130	100/10	Box	Clear	C7A	1500	100	1.3	\$1.81	3"
	Cand.	03583		15T6/CB/145	145	60/6	Card	Clear	C7A	1500	100	1.3	\$1.81	3"
	Cand.	03883		15T6/CB/145	145	100/10	Box	Clear	C7A	1500	100	1.3	\$1.81	3"
25	Cand.	03520		25T6/CB	120	60/6	Card	Clear	C7A	1500	190	1.3	\$3.01	3"
	Cand.	03220		25T6/CB	120	100/10	Box	Clear	C7A	1500	190	1.3	\$3.01	3"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



T6½ LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
9	Inter.	04335		9T6½/2/IN	120	36/6	Card	Clear	N/A	3000	14	2.7	\$1.08	5.38"
20	Inter.	03704		20T6½/2/IN	120	60/6	Card	Clear	C8	1000	109	0.9	\$2.41	5.38"
	Inter.	04316		20T6½/2/IN/130	130	100/10	Box	Clear	C8	3000	100	2.7	\$2.41	5.38"
	Inter.	04319		20T6½/2/F/IN/130	130	100/10	Box	Frost	C8	3000	90	2.7	\$2.41	5.38"
	D.C. Bay.	03706		20T6½/2/DC/130	130	60/6	Card	Clear	C8	3000	100	2.7	\$2.41	5.38"
	D.C. Bay.	04317		20T6½/2/DC/130	130	100/10	Box	Clear	C8	3000	100	2.7	\$2.41	5.38"
	D.C. Bay.	04324		20T6½/2/F/DC/130	130	100/10	Box	Frost	C8	3000	90	2.7	\$2.41	5.38"
25	Inter.	03705		25T6½/2/IN	120	60/6	Card	Clear	C8	1000	185	0.9	\$3.01	5.38"
	Inter.	03724		25T6½/2/F/IN	120	60/6	Card	Frost	C8	1000	175	0.9	\$3.01	5.38"
	Inter.	04320		25T6½/2/IN/130	130	100/10	Box	Clear	C8	3000	170	2.7	\$3.01	5.38"
40	Inter.	03707		40T6½/2/IN	120	60/6	Card	Clear	C8	1000	250	0.9	\$4.82	5.38"
	Inter.	03759		40T6½/2/F/IN	120	60/6	Card	Frost	C8	1000	240	0.9	\$4.82	5.38"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

T7 AND T7½ LAMPS



T7 D.C. BAYONET



T7 INTERMEDIATE



T7 CANDELABRA



T7½ CANDELABRA

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
T7														
15	Cand.	03720		15T7/CB	120	60/10	Card	Clear	C5	1000	108	0.9	\$1.81	2.19"
	Inter.	03721		15T7/IN	120	60/10	Card	Clear	C5	1000	108	0.9	\$1.81	2.19"
	D.C. Bay	03722		15T7/DC	120	60/10	Card	Clear	C5	1000	108	0.9	\$1.81	2.19"
T7 1/2														
35	Cand.	03521		35T7½/CB	120	60/6	Card	Clear	C5	1500	190	1.3	\$4.22	3.56"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh



T8 D.C. BAYONET



T8 INTERMEDIATE



T8 MEDIUM

T8 LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
25	Inter.	03716		25T8/IN	120	60/6	Card	Clear	C5	1000	2700	195	0.9	\$3.01	2.56"
	D.C. Bay.	03717		25T8/DC	120	60/6	Card	Clear	C5	1000	2700	195	0.9	\$3.01	2.56"
40	Inter.	03719		40T8/IN	120	60/6	Card	Clear	C7A	1000	2700	365	0.9	\$4.82	2.56"
	Med.	03892		40T8/130	130	100/10	Box	Clear	C8	3500	2700	300	3.1	\$4.82	11.50"
	Med.	03718		40T8/130	130	60/6	Card	Clear	C8	3500	2700	300	3.1	\$4.82	11.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh



T10 CLEAR



T10 FROST



T10 C8 FILAMENT

T10 LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
15	Med.	03730		15T10	120	60/6	Card	Clear	C5V	1000	2700	100	0.9	\$1.81	5.13"
25	Med.	03710		25T10	120	60/6	Card	Clear	C5V	1000	2700	180	0.9	\$3.01	5.13"
	Med.	03713		25T10/F	120	60/6	Card	Frost	C5V	1000	2700	170	0.9	\$3.01	5.13"
	Med.	03894		25T10/130	130	100/10	Box	Clear	C5V	2500	2700	170	2.2	\$3.01	5.13"
	Med.	03897		25T10/F/130	130	100/10	Box	Frost	C5V	2500	2700	160	2.2	\$3.01	5.13"
40	Med.	03711		40T10	120	60/6	Card	Clear	C5V	1000	2700	300	0.9	\$4.82	5.13"
	Med.	03714		40T10/F	120	60/6	Card	Frost	C5V	1000	2700	285	0.9	\$4.82	5.13"
	Med.	03836		40T10/F	120	100/10	Box	Frost	C8	2500	2700	260	2.2	\$4.82	5.13"
	Med.	03895		40T10/130	130	100/10	Box	Clear	C5V	2500	2700	275	2.2	\$4.82	5.13"
60	Med.	03712		60T10/VR	120	60/6	Card	Clear	C7A	1000	2700	385	0.9	\$7.23	5.13"
	Med.	03715		60T10/F/VR	120	60/6	Card	Frost	C7A	1000	2700	365	0.9	\$7.23	5.13"
	Med.	03837		60T10/F/VR	120	100/10	Box	Frost	C7A	2500	2700	350	2.2	\$7.23	5.13"
	Med.	03896		60T10/VR/130	130	100/10	Box	Clear	C7A	2500	2700	365	2.2	\$7.23	5.13"
	Med.	03899		60T10/F/VR/130	130	100/10	Box	Frost	C7A	2500	2700	350	2.2	\$7.23	5.13"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

LOW VOLTAGE LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
A19														
25	Med.	03422		25A/F/12V	12	36/6	Box	Frost	C6	2500	250	2.2	\$3.01	4.13"
50	Med.	03423		50A/F/12V	12	36/6	Box	Frost	C6	2500	548	2.2	\$6.02	4.13"
CA8														
25	Cand.	03424		25CA8/CB/12V	12	200/10	Box	Clear	C6	2500	190	2.2	\$3.01	3.50"
G4 1/2														
6	E10	03797		6G4.5/E10/12V 2CD	12	60/10	Card(2)	Clear	C2R	1000	40	0.9	\$0.72	1.11"
S6														
6	Cand.	03543		6S6/12V/CB 2CD	12	60/10	Card(2)	Clear	C2R	2000	35	1.8	\$0.72	1.79"
S8														
12	S.C. Bay.	03726		12S8/93T/SC/12V 2CD	12	60/6	Card(2)	Clear	C6	700	120	0.6	\$1.45	2"
21	S.C. Bay.	03727		21S8/1073/SC/12V 2CD	12	60/10	Card(2)	Clear	C6	700	255	0.6	\$2.53	2"
S11														
18	S.C. Bay.	06311		18S11/SC/12V 2CD	12	60/10	Card(2)	Clear	C6	2000	200	1.8	\$2.17	2.25"
T3 1/4														
5	Wedge	06204		5T31/4X/12V	12	100/10	Box	Clear	C2V	2800	38	2.5	\$0.60	0.95"
	Wedge	0620450		5T31/4X/12V	12	50	Box	Clear	C2V	2800	38	2.5	\$0.60	0.95"
	Wedge	06217		5T31/4/X/12V	12	120/10	Card	Clear	C2V	3000	26	2.7	\$0.60	0.95"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

T5 LANDSCAPE (LOW VOLTAGE) LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
4	Wedge	06300		4T5/12V 4CD	12	60/10	Card(4)	Clear	C2R	2000	2700	20	1.8	\$0.48	1.43"
	Wedge	06304		4T5/A/12V 2CD	12	60/10	Card(2)	Amber	C2R	2000	-	-	1.8	\$0.48	1.43"
	Wedge	06305		4T5/B/12V 2CD	12	60/10	Card(2)	Blue	C2R	2000	-	-	1.8	\$0.48	1.43"
	Wedge	06306		4T5/G/12V 2CD	12	60/10	Card(2)	Green	C2R	2000	-	-	1.8	\$0.48	1.43"
	Wedge	06307		4T5/R/12V 2CD	12	60/10	Card(2)	Red	C2R	2000	-	-	1.8	\$0.48	1.43"
5.4	Wedge	03790		5.4T5/6V	6	120/10	Card	Clear	C2R	200	2700	30	0.1	\$0.65	1.43"
7	Wedge	06301		7T5/12V 4CD	12	60/10	Card(4)	Clear	C2R	2000	2700	87	1.8	\$0.84	1.43"
11	Wedge	06302		11T5/12V 4CD	12	60/10	Card(4)	Clear	C2R	2000	2700	120	1.8	\$1.32	1.43"
18	Wedge	06215		18T5X/12V	12	36/6	Card	Clear	C2R	1000	2900	210	0.9	\$2.17	1.43"
	Wedge	06303		18T5/12V 4CD	12	60/10	Card(4)	Clear	C2R	2000	2700	210	1.8	\$2.17	1.43"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.



TIMELESS, VINTAGE INSPIRED LAMPS



A19



ST20



T12



G25



C10

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Avg. Rated Hours	Light Appearance (Kelvin)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
A19															
40	Med.	04134		VINTAGE/40/A19	120	24/6	Card	Clear	Nx-8	1500	2450	100	1.3	\$4.82	4.13"
60	Med.	04135		VINTAGE/60/A19	120	24/6	Card	Clear	Nx-8	1500	2450	275	1.3	\$7.23	4.13"
ST20															
40	Med.	04120		VINTAGE/40/ST20	120	24/6	Card	Clear	19-Anchor	1500	2450	160	1.3	\$4.82	5.51"
60	Med.	04132		VINTAGE/60/ST20	120	24/6	Card	Clear	19-Anchor	1500	2450	305	1.3	\$7.23	5.51"
T12															
40	Med.	04128		VINTAGE/40/T12	120	24/6	Card	Clear	12-Anchor	1500	2450	50	1.3	\$4.82	4.25"
60	Med.	04129		VINTAGE/60/T12	120	24/6	Card	Clear	12-Anchor	1500	2450	120	1.3	\$7.23	4.25"
G25															
40	Med.	04126		VINTAGE/40/G25	120	24/6	Card	Clear	32-Anchor	1500	2450	100	1.3	\$4.82	4.53"
60	Med.	04127		VINTAGE/60/G25	120	24/6	Card	Clear	32-Anchor	1500	2450	200	1.3	\$7.23	4.53"
C10															
40	Cand.	04133		VINTAGE/40/C10 2CD	120	24/6	Card(2)	Clear	4-Anchor	1500	2450	50	1.3	\$4.82	3.98"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

USE TIMELESS LAMPS FOR A VINTAGE LOOK

Use Westinghouse Timeless lamps to add warmth and a touch of nostalgia to any space. With visible filaments and retro-style silhouettes, these lamps bring Old World details to any fixture. Westinghouse Timeless lamps feature a color temperature of 2450K, meaning the light produced will have a warm, yellow glow.

Available in a variety of shapes and sizes, these lamps are ideal for use in vintage, industrial and rustic fixtures, or any space where you want to create a warm, inviting ambience.

To learn more about color temperature and how it can enhance ambience, see pages 22 and 64.



WL #61007



WL #63418



WL #63435

Footnotes

1 New Item

2 Canadian Standards Association

3 Eco-Halogen Energy-Saving Technology

4 Commercial Service*

5 Fan

6 Non-Stick Base

7 Krypton(KR)

8 Vibration Resistant lamps are designed for vibration service only.

9 Rough Service lamps are designed for rough service applications.

130 VOLT COMPARISON CHART

130 Volt lamps will last longer when used on a 120 Volt line. However, the brightness (lumen output) of these 130 Volt lamps operating on a 120 Volt line will be significantly reduced, while energy consumption (watts) will be less.

A 130 Volt lamp is perfect for use in hard-to-reach places and for use in lights that are on for long periods of time. Westinghouse Lighting recommends that you check that there is enough brightness (lumen output) for your specific application or task.

NOTE:

Most electrical service is 120 Volts. By using 130 Volt lamps on a 120 Volt line, replacement and maintenance costs can be reduced due to longer life.

130V LAMP SPECIFICATIONS — OPERATING ON A 130V LINE

OPERATING ON A 120V LINE

Item No.	Energy Used (Watts)	Domestic Code	Master Carton /Inner Pack	Avg. Rated Hours	Brightness (Lumens)	Energy Used (Watts) @ 120V	Avg. Rated Hours @ 120V	Brightness (Lumens) @ 120V
03540	11	11S14/130	60/6	2500	63	10	7000	47
03541	11	11S14/F/130	60/6	2500	60	10	7000	45
03568	10	10S11/IN/130	60/10	2500	80	9	7000	60
03609	60	60G161/2/CB/130	200/10	2500	540	53	7000	405
03611	25	25G161/2/CB/130	200/10	2500	160	22	7000	120
03612	40	40G161/2/CB/130	200/10	2500	340	35	7000	255
03631	25	25B11/130	200/25	2500	170	22	7000	128
03632	40	40B11/130	200/25	2500	345	35	7000	259
03636	25	25G161/2/W/CB/130	200/10	2500	155	22	7000	116
03662	60	60CA10/CB/130	200/25	2500	600	53	7000	450
03663	60	60CA10/F/CB/130	200/25	2500	580	53	7000	435
03664	25	25CA10/130	200/25	2500	190	22	7000	143
03665	40	40CA10/130	200/25	2500	345	35	7000	259
03666	60	60CA10/VR/130	200/25	2500	545	53	7000	409
03667	25	25CA10/F/130	200/25	2500	175	22	7000	131
03668	40	40CA10/F/130	200/25	2500	330	35	7000	248
03669	60	60CA10/F/VR/130	200/25	2500	545	53	7000	409
03670	7.5	7.5CA8/CB/130	200/25	2500	40	7	7000	30
03671	10	10CA7/CB/130	200/25	2500	58	9	7000	44
03673	15	15CA8/CB/130	200/25	2500	75	13	7000	56
03674	25	25CA8/CB/130	200/25	2500	158	22	7000	119
03675	40	40CA91/2/CB/130	200/25	2500	330	35	7000	248
03678	25	25CA8/F/CB/130	200/25	2500	145	22	7000	109
03679	40	40CA91/2/F/CB/130	200/25	2500	310	35	7000	233
03681	15	15B91/2/CB/130	200/25	2500	100	13	7000	75
03682	25	25B91/2/CB/130	200/25	2500	170	22	7000	128
03683	40	40B91/2/CB/130	200/25	2500	345	35	7000	259
03684	60	60B10/CB/130	200/25	2500	610	53	7000	458
03685	25	25B91/2/F/CB/130	200/25	2500	165	22	7000	124
03686	40	40B91/2/F/CB/130	200/25	2500	330	35	7000	248
03687	60	60B10/F/CB/130	200/25	2500	575	53	7000	431
03693	60	60B11/VR/130	200/25	2500	560	53	7000	420
03706	20	20T61/2/DC/130	60/6	3000	100	18	8400	75
03718	40	40T8/130	60/6	3500	300	35	9800	225
03882	15	15T6/CB/130	100/10	1500	100	13	4200	75
03892	40	40T8/130	100/10	3500	300	35	9800	225
03894	25	25T10/130	100/10	2500	170	22	7000	128
03895	40	40T10/130	100/10	2500	275	35	7000	206
03896	60	60T10/VR/130	100/10	2500	365	53	7000	274
03897	25	25T10/F/130	100/10	2500	160	22	7000	120
03899	60	60T10/F/VR/130	100/10	2500	350	53	7000	263
03950	60	60A/TS/130	36/6	4000	587	53	11200	440
03951	100	100A/TS/130	36/6	4000	860	88	11200	645
04061	7.5	7.5S11/G/130	60/10	2500	—	7	7000	—

130 VOLT COMPARISON CHART

130V LAMP SPECIFICATIONS — OPERATING ON A 130V LINE

OPERATING ON A 120V LINE

Item No.	Energy Used (Watts)	Domestic Code	Master Carton /Inner Pack	Avg. Rated Hours	Brightness (Lumens)	Energy Used (Watts) @ 120V	Avg. Rated Hours @ 120V	Brightness (Lumens) @ 120V
04100	25	25A/F/130 4PK	120	5000	205	22	14000	154
0410129	40	40A/F/VR/130 2PK	120	5000	290	35	14000	218
0410229	60	60A/F/VR/130 2PK	120	5000	485	53	14000	364
04110	25	25A/130 4PK	120	5000	205	22	14000	154
0411129	40	40A/VR/130 2PK	120	5000	290	35	14000	218
0411229	60	60A/VR/130 2PK	120	5000	485	53	14000	364
04165	65	65BR30/FL/130	144/6	2000	650	57	5600	488
04218	25	25G25/130	72/6	3500	180	22	9800	135
04219	40	40G25/130	72/6	3500	320	35	9800	240
04220	60	60G25/VR/130	72/6	3500	530	53	9800	398
04221	25	25G25/W/130	72/6	3500	160	22	9800	120
04222	40	40G25/W/130	72/6	3500	290	35	9800	218
04223	60	60G25/W/VR/130	72/6	3500	480	53	9800	360
04229	45	45R20/FL/130	60/6	2000	380	40	5600	285
04230	30	30R20/FL/130	60/6	2000	215	26	5600	161
04235	65	65BR30/FL/130	60/6	2000	650	57	5600	488
04242	65	65BR40/FL/130	24/6	2000	715	57	5600	536
04316	20	20T61/2/IN/130	100/10	3000	100	18	8400	75
04317	20	20T61/2/DC/130	100/10	3000	100	18	8400	75
04319	20	20T61/2/F/IN/130	100/10	3000	90	18	8400	68
04320	25	25T61/2/IN/130	100/10	3000	170	22	8400	128
04324	20	20T61/2/F/DC/130	100/10	3000	90	18	8400	68
04340	11	11S14/130	120/12	2500	63	10	7000	47
04403	75	75A/TS/130	36/6	4000	716	66	11200	537
04501	15	15A15/130 2PK	120	2500	100	13	7000	75
04502	40	40A15/130 2PK	120	2500	350	35	7000	263
04503	15	15A15/F/130 2PK	120	2500	90	13	7000	68
04504	40	40A15/F/130 2PK	120	2500	340	35	7000	255
04505	60	60A15/VR/130 2PK	120	2500	570	53	7000	428
04507	25	25A15/130 2PK	120	2500	175	22	7000	131
04509	60	60A15/F/VR/130 2PK	120	2500	540	53	7000	405
04525	6	6S6/CB/130	100/10	1500	32	5	4200	24
04540	150	150A21/F/130	36/6	1000	2650	132	2800	1988
04542	150	150A21/130	36/6	1000	2650	132	2800	1988
04543	200	200A23/130	12	750	3850	176	2100	2888
04548	150	50/100/150A21/SW/130	36/6	2000	1850	132	5600	1388
04564	7.5	7.5S11/130	100/10	2500	52	7	7000	39
04668	75	75BR30/B/FL/130	60/6	2000	—	66	5600	—
04672	75	75BR30/R/FL/130	60/6	2000	—	66	5600	—
04673	75	75BR30/G/FL/130	60/6	2000	—	66	5600	—
05100	45	45R20/FL/130	6	2000	380	40	5600	285
05101	65	65BR30/FL/130 12PK	6	2000	650	57	5600	488
05102	65	65BR40/FL/130 6PK	6	2000	715	57	5600	536
05103	40	40G25/W/130 12PK	6	3500	290	35	9800	218
05106	25	25CA8/CB/130 25PK	6	2500	158	22	7000	119
05107	40	40CA91/2/CB/130 25PK	6	2500	330	35	7000	248
36959	150	150A21/F/130	60/6	1000	2650	132	2800	1988
36960	200	200A23/F/130	60/6	750	3600	176	2100	2700
36971	40	40A/F/VR/130	60/6	5000	290	35	14000	218
36972	60	60A/F/VR/130	60/6	5000	485	53	14000	364
36975	40	40A/VR/130	60/6	5000	290	35	14000	218
36976	60	60A/VR/130	60/6	5000	485	53	14000	364

LAMP MERCHANDISING DISPLAYS

Westinghouse's lamp merchandising displays offer a convenient and polished approach to in-store lamp presentation, while letting consumers know that we stand behind our high-quality products. Create a cohesive brand statement with our gondola display and interactive lamp display, which allows consumers to take the guesswork out of choosing the best lamp for their needs.



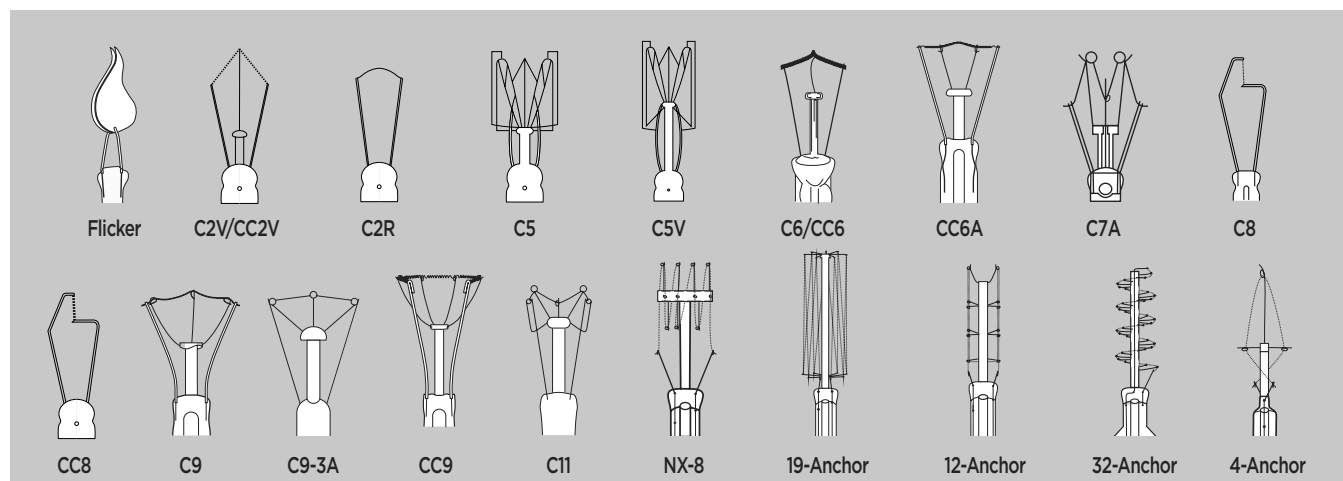
96210
5-Socket
Interactive
Lamp Display



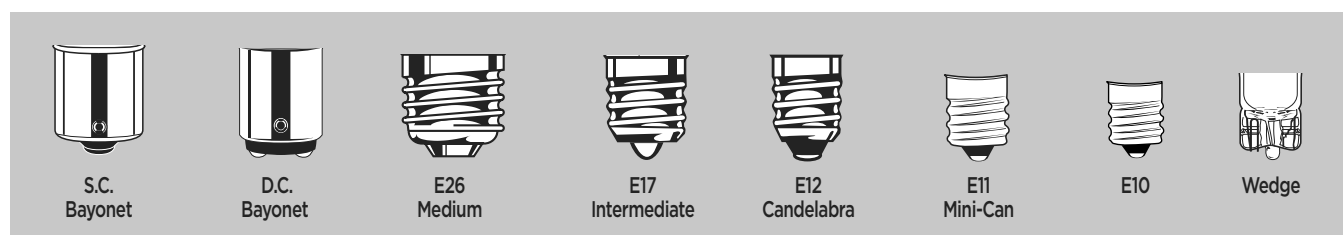
96208
2' Gondola Display
 24"L x 14"D x 54"H

96209
Gondola Shelves
 24"L x 14"D

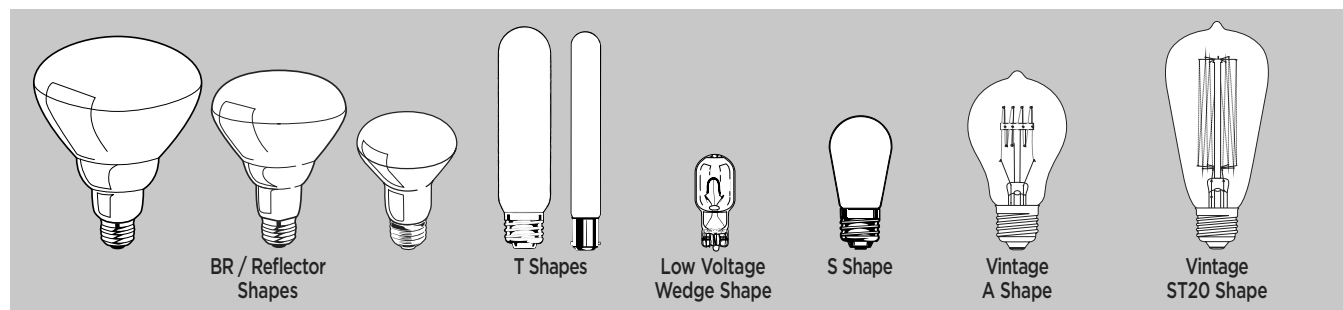
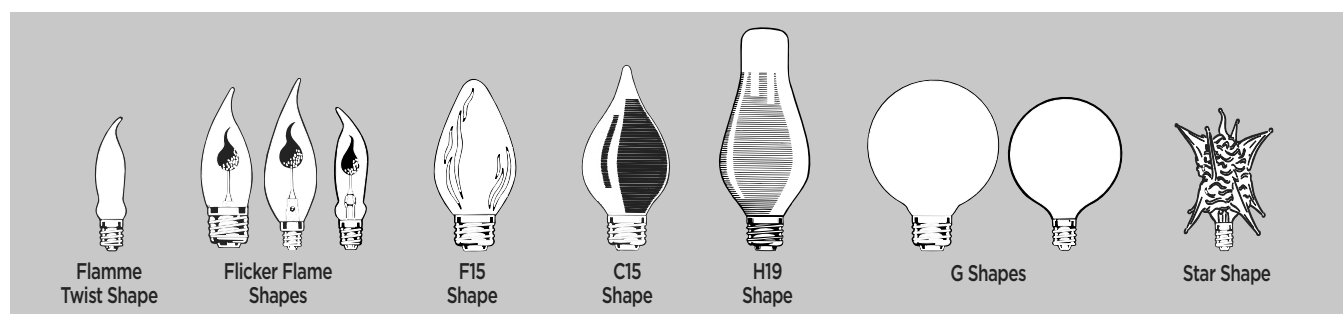
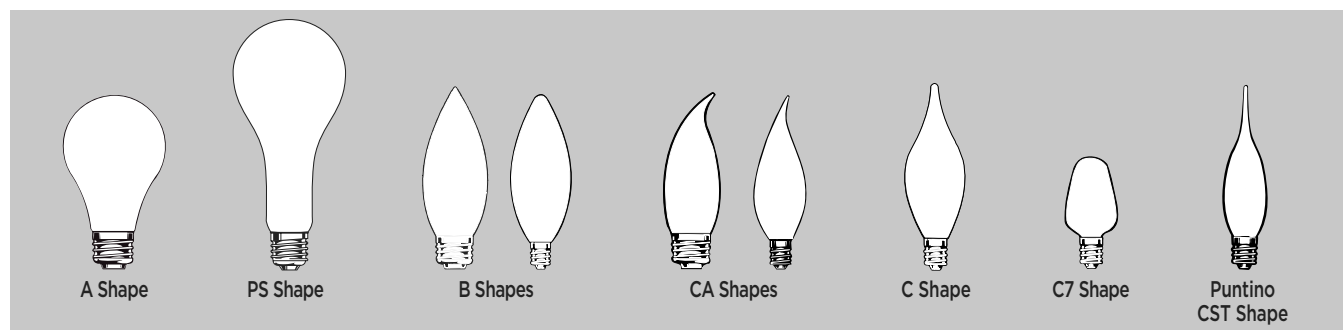
FILAMENT DESIGNATIONS



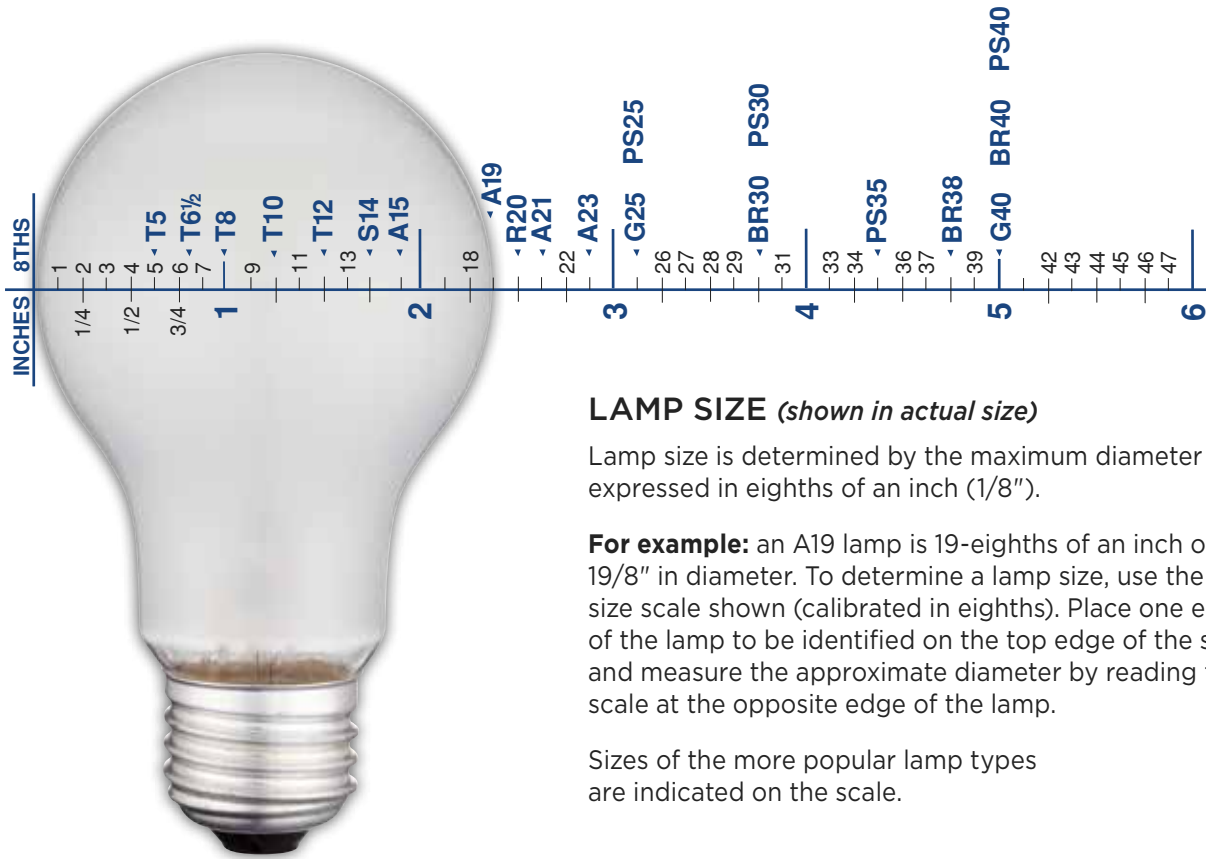
INCANDESCENT BASE TYPES



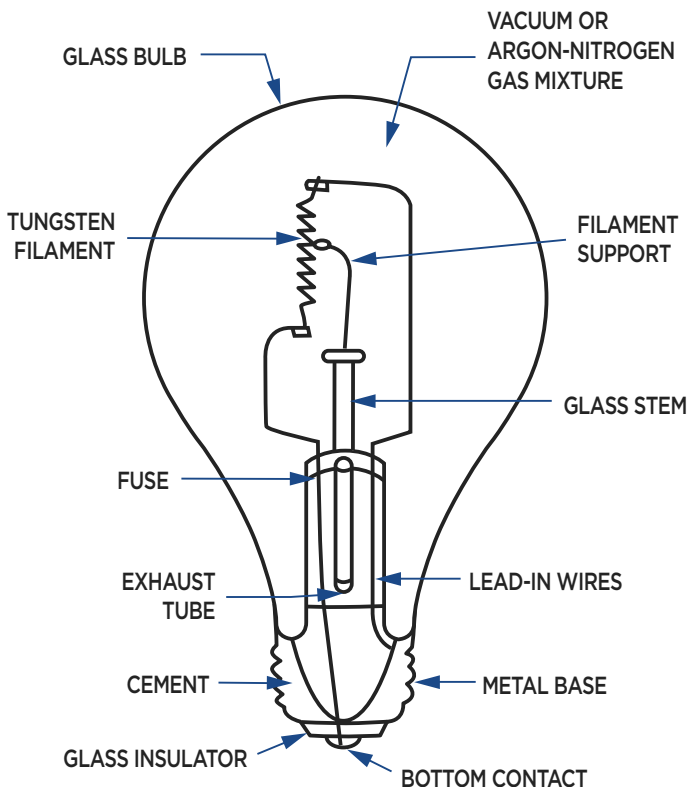
INCANDESCENT LAMP SHAPES



INCANDESCENT LAMP SIZE REFERENCE



INCANDESCENT LAMP COMPONENTS





Westinghouse

INNOVATION YOU CAN BE SURE OF



ECO-HALOGEN AND SPECIALTY HALOGEN LIGHTING

Providing bright, white light and long life, our halogen assortment features lamps that come in a variety of sizes and shapes. These lamps are completely dimmable and can be used anywhere, making them an excellent choice for multiple lighting solutions.



MR11 GU4 BASE

MR11 LAMPS, DICHROIC (LOW VOLTAGE)

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Candle Power	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Avg. Rated Hours	ANSI Code	Life in Years*	Est. Yearly Energy Cost**	MOL
6 VOLT																
5	GU4	04771	2	5MR11Q/NFL/LN	36/6	Card	200	16°	Narrow Flood	C8	2900	2000	-	1.8	\$0.60	1.38"
12 VOLT																
5	GU4	04766	2	5MR11Q/NFL/LN	36/6	Card	200	16°	Narrow Flood	C8	2900	2000	-	1.8	\$0.60	1.38"
10	GU4	04761	2	10MR11Q/NFL/LN	36/6	Card	650	16°	Narrow Flood	C6	2900	2000	-	1.8	\$1.20	1.38"
20	GU4	04463	2	20MR11Q/NFL	100/10	Box	1500	16°	Narrow Flood	C8	2950	2000	FTC	1.8	\$2.41	1.38"
	GU4	04750	2	20MR11Q/NFL/LN	36/6	Card	1600	16°	Narrow Flood	CC6	2950	2000	FTC	1.8	\$2.41	1.38"
	GU4	06214	2,7	20MR11X/FL/LN 2CD	36/6	Card(2)	700	30°	Flood	C8	2900	10000	FTD	9.1	\$2.41	1.38"
	GU4	04748	2	20MR11Q/SP/LN	36/6	Card	700	12°	Spot	C8	2800	2000	FTB	1.8	\$2.41	1.38"
35	GU4	04765	2	35MR11Q/NFL/LN	36/6	Card	2800	16°	Narrow Flood	C6	3000	2000	FTF	1.8	\$4.22	1.38"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



MR11 GU10 BASE

MR11 LAMP, 120 VOLT DICHROIC (LINE VOLTAGE)

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Candle Power	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Avg. Rated Hours	ANSI Code	Life in Years*	Est. Yearly Energy Cost**	MOL
35	GU10	04728		35MR11Q/GU10/NFL/LN 3CD	36/6	Card(3)	500	30°	Narrow Flood	CC2V	3000	3000	FTH	2.7	\$4.22	1.38"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh


MR16
GU5.3 BASE

MR16 FROST LENS
GU5.3 BASE

MR16 CLEAR LENS
GU5.3 BASE

MR16 LAMPS, 12 VOLT DICHROIC (LOW VOLTAGE)

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Candle Power	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Avg. Rated Hours	ANSI Code	Life in Years*	Est. Yearly Energy Cost**	MOL
20	GU5.3	04451		20MR16Q/FL	100/10	Box	460	36°	Flood	C8	2950	2000	BAB	1.8	\$2.41	1.81"
	GU5.3	04581		20MR16Q/FL	100/10	Box	460	38°	Flood	C8	2950	5000	BAB	4.5	\$2.41	1.88"
	GU5.3	04781	2	20MR16Q/FL/LN	36/6	Card	600	32°	Flood	C8	2950	2000	BAB	1.8	\$2.41	1.81"
	GU5.3	06212	2,7	20MR16X/FL/LN 2CD	36/6	Card(2)	700	32°	Flood	C8	2950	10000	BAB	9.1	\$2.41	1.81"
	GU5.3	04749	2	20MR16Q/SP/LN	36/6	Card	3500	12°	Spot	C8	2950	2000	ESX	1.8	\$2.41	1.81"
35	GU5.3	04562		35MR16Q/FL	100/10	Box	1500	38°	Flood	C8	3000	5000	FMW	4.5	\$4.22	1.88"
	GU5.3	04563		35MR16Q/FL/LN	36/6	Card	1250	32°	Flood	C8	3000	2000	FMW	1.8	\$4.22	1.81"
50	GU5.3	04755	2	50MR16Q/NFL/LN	36/6	Card	4300	18°	Narrow Flood	C6	3050	2000	EXZ	1.8	\$6.02	1.81"
	GU5.3	04456		50MR16Q/FL	100/10	Box	1500	38°	Flood	C8	3050	2000	EXN	1.8	\$6.02	1.81"
	GU5.3	04556	2	50MR16Q/FL/LN	100/10	Box	1500	38°	Flood	C8	3050	2000	EXN	1.8	\$6.02	1.81"
	GU5.3	04586		50MR16Q/FL	100/10	Box	2000	38°	Flood	C8	3000	5000	EXN	4.5	\$6.02	1.88"
	GU5.3	04756	2	50MR16Q/FL/LN	36/6	Card	1650	32°	Flood	C8	3050	2000	EXN	1.8	\$6.02	1.81"
	GU5.3	05201	3	50MR16Q/F/FL/LN	36/6	Card	1550	49°	Flood	C6	2950	4000	EXN	3.6	\$6.02	1.81"
	GU5.3	06213	2,7	50MR16X/FL/LN 2CD	36/6	Card(2)	1500	32°	Flood	C8	3050	10000	EXN	9.1	\$6.02	1.81"
	GU5.3	04559	2	50MR16Q/SP/LN	36/6	Card	10000	12°	Spot	C8	3050	2000	EXT	1.8	\$6.02	1.81"
75	GU5.3	04758	2	75MR16Q/FL/LN	36/6	Card	2940	32°	Flood	C8	3050	2000	EYC	1.8	\$9.03	1.81"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association

- 7 Krypton(K) / Xenon(X)
- 8 Long Neck



MR16 LAMPS, 120 VOLT DICHROIC (LINE VOLTAGE)



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Candle Power	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
20	GU7.9/8.0	04521	2	20MR16Q/FL/LN	36/6	Card	200	30°	Flood	CC2V	3050	3000	2.7	\$2.41	1.91"
25	GU10	04787	2	25MR16Q/GU10/FL/LN	36/6	Card	300	30°	Flood	CC2V	3050	2000	1.8	\$3.01	2"
35	GU7.9/8.0	04727	2	35MR16Q/FL/LN	36/6	Card	500	30°	Flood	CC2V	3050	3000	2.7	\$4.22	1.91"
	GU10	04741	2	35MR16Q/GU10/FL/LN	36/6	Card	500	32°	Flood	CC2V	2800	1500	1.3	\$4.22	2"
45	GU7.9/8.0	04518		45MR16Q/FL	100/10	Box	1800	36°	Flood	CC2V	3050	1500	1.3	\$5.42	1.75"
	GU7.9/8.0	04711	2	45MR16Q/FL/LN	36/6	Card	1800	36°	Flood	CC2V	3050	2000	1.8	\$5.42	1.75"
50	GU7.9/8.0	04725	2	50MR16Q/FL/LN	36/6	Card	950	32°	Flood	CC2V	3050	2000	1.8	\$6.02	1.75"
	GU10	04449		50MR16Q/GU10/FL	100/10	Box	1800	36°	Flood	CC2V	3050	1500	1.3	\$6.02	2"
	GU10	04740	2	50MR16Q/GU10/FL/LN	36/6	Card	950	32°	Flood	CC2V	3050	1500	1.3	\$6.02	2"
	GU10	03529	3	50MR16Q/GU10/F/FL/LN	36/6	Card	900	36°	Flood	CC2V	3050	2000	1.8	\$6.02	2"
	GU10	04789	3	50MR16Q/GU10/F/FL/LN 3CD	12/6	Card(3)	425	36°	Flood	CC2V	3050	2000	1.8	\$6.02	2"
	GU10	04730	2	50MR16Q/GU10/FL/LN 3CD	12/6	Card(3)	950	32°	Flood	CC2V	3050	2000	1.8	\$6.02	2"
	GU10	06211	2.7	50MR16X/FL/GU10/LN 2CD	36/6	Card(2)	1100	30°	Flood	CC2V	3050	3500	3.1	\$6.02	2"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



JDR LAMPS, 120 VOLT (LINE VOLTAGE)

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Candle Power	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
50	Med.	04753	2	50JDR16Q/FL/LN	36/6	Card	1000	36°	Flood	CC8	2800	2000	1.8	\$6.02	3"
75	Inter.	04760	2	75JDR16Q/IN/NFL/LN	36/6	Card	1350	20°	Narrow Flood	CC8	2900	1500	1.3	\$9.03	2.75"
	Med.	04731	2	75JDR16Q/NFL/LN	36/6	Card	1350	20°	Narrow Flood	CC8	2900	1500	1.3	\$9.03	2.75"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association



- 7 Krypton(K) / Xenon(X)
- 8 Long Neck

JC LAMPS (LOW VOLTAGE)


JC CLEAR
G4 BASE

JC FROST
G4 BASE

JC CLEAR
GY6.35 BASE

JC FROST
GY6.35 BASE

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
T3															
5	G4	06240		5T3	12	36/6	Card	Clear	C8	2800	60	2000	1.8	\$0.60	1.31"
10	G4	04442		10T3	12	100/10	Box	Clear	C6	2900	130	2000	1.8	\$1.20	1.19"
	G4	04742		10T3	12	36/6	Card	Clear	C8	2900	120	2000	1.8	\$1.20	1.19"
	G4	06308		10T3 4CD	12	36/6	Card(4)	Clear	C6	2900	100	2000	1.8	\$1.20	1.19"
	G4	06216	7	10T3X 2CD	12	36/6	Card(2)	Clear	C6	2900	100	5000	4.5	\$1.20	1.19"
15	G4	04982		15T3/6V	6	36/6	Card	Clear	C6	2900	180	2000	1.8	\$1.81	1.27"
20	G4	04436		20T3	12	100/10	Box	Clear	C6	2950	300	2000	1.8	\$2.41	1.19"
	G4	04736		20T3	12	36/6	Card	Clear	C8	2950	300	2000	1.8	\$2.41	1.19"
	G4	04734		20T3/F	12	36/6	Card	Frost	C8	2950	290	2000	1.8	\$2.41	1.19"
	G4	06209	7	20T3X 2CD	12	36/6	Card(2)	Clear	C6	2900	300	10000	9.1	\$2.41	1.19"
	GY6.35	04444		20T3Q	12	100/10	Box	Clear	C6	2950	300	2000	1.8	\$2.41	1.63"
35	G4	06218	7	35T3X/12V 2CD	12	36/6	Card(2)	Clear	C6	2900	550	10000	9.1	\$4.22	1.18"
	GY6.35	04445		35T3Q	12	100/10	Box	Clear	C6	3050	595	2000	1.8	\$4.22	1.63"
50	GY6.35	04438		50T3Q	12	100/10	Box	Clear	C6	3050	900	2000	1.8	\$6.02	1.63"
	GY6.35	04427		50T3Q/24V	24	100/10	Box	Clear	CC6	3050	800	2000	1.8	\$6.02	1.63"
T4															
20	GY6.35	04743		20T4Q	12	36/6	Card	Clear	C6	2950	300	2000	1.8	\$2.41	1.63"
35	GY6.35	04745		35T4Q	12	36/6	Card	Clear	C6	3000	600	2000	1.8	\$4.22	1.63"
50	GY6.35	04738		50T4Q	12	36/6	Card	Clear	C6	3050	900	2000	1.8	\$6.02	1.63"
	GY6.35	04735		50T4Q/F	12	36/6	Card	Frost	C6	3050	870	2000	1.8	\$6.02	1.63"
75	GY6.35	04739		75T4Q	12	36/6	Card	Clear	C6	3050	1350	2000	1.8	\$9.03	1.63"
100	GY6.35	04729		100T4Q	12	36/6	Card	Clear	C6	3050	2100	2000	1.8	\$12.05	1.63"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh


JCD
GY7.9/8.0 BASE

JCD
G8 BASE

JCD
GY6.35 BASE

JCD
GY8.6 BASE

JCD LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
20	GY7.9/8.0	04710		20T4Q/GY8/120	120	36/6	Card	Clear	CC2V	2700	200	1500	1.3	\$2.41	1.69"
	G8	06210	7	20T4X/G8/120 2CD	120	36/6	Card(2)	Clear	CC2V-H	2700	175	5000	4.5	\$2.41	1.38"
25	GY6.35	04715		25T4Q/120	120	36/6	Card	Clear	CC8	2850	255	1500	1.3	\$3.01	1.81"
	GY7.9/8.0	04721		25T4Q/GY8/120	120	36/6	Card	Clear	CC2V	2850	255	1500	1.3	\$3.01	1.69"
35	GY6.35	04031		35T4Q/120	120	36/6	Card	Clear	CC2V	2900	380	1500	1.3	\$4.22	1.81"
	GY7.9/8.0	04722		35T4Q/GY8/120	120	36/6	Card	Clear	CC8	2900	380	1500	1.3	\$4.22	1.69"
	GY8.6	04712		35T4Q/GY8.6/120	120	36/6	Card	Clear	CC8	2900	380	1500	1.3	\$4.22	1.81"
50	GY6.35	04717		50T4Q/120	120	36/6	Card	Clear	CC2V	2900	600	1500	1.3	\$6.02	1.81"
	G8	04889		50T4Q/G8/120	120	36/6	Card	Clear	CC8	2900	600	1500	1.3	\$6.02	2.25"
75	GY6.35	04718		75T4Q/120	120	36/6	Card	Clear	CC8	2900	1050	1500	1.3	\$9.03	2.25"
	GY8.6	04714		75T4Q/GY8.6/120	120	36/6	Card	Clear	CC8	2900	1050	1500	1.3	\$9.03	2.25"
	GY7.9/8.0	04764		75T4Q/GY8/130	130	36/6	Card	Clear	CC8	2800	975	2000	1.8	\$9.03	2.25"
100	GY6.35	04719		100T4Q/120	120	36/6	Card	Clear	CC8	2900	1500	1500	1.3	\$12.05	2.25"
	GY8.6	04713		100T4Q/GY8.6/120	120	36/6	Card	Clear	CC8	2900	1500	1500	1.3	\$12.05	2.25"
	GY7.9/8.0	04770		100T4Q/GY8/130	130	36/6	Card	Clear	CC8	2850	1400	2000	1.8	\$12.05	2.25"

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association

- 7 Krypton(K) / Xenon(X)
- 8 Long Neck

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

G9 LAMPS, 120 VOLT (LINE VOLTAGE)



G9 CLEAR



G9 FROST

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
25	G9	04870		25T4Q/G9/120	36/6	Card	Clear	CC2V	2800	255	2000	1.8	\$3.01	1.69"
35	G9	04872		35T4Q/G9/120	36/6	Card	Clear	CC2V	2800	400	2000	1.8	\$4.22	1.69"
40	G9	04901		40T4Q/G9/120	100/10	Box	Clear	CC2V	2800	480	2000	1.8	\$4.82	1.69"
	G9	04871		40T4Q/G9/120	36/6	Card	Clear	CC2V	2800	480	2000	1.8	\$4.82	1.69"
	G9	04873		40T4Q/G9/120 3CD	36/6	Card(3)	Clear	CC2V	2800	480	2000	1.8	\$4.82	1.69"
	G9	04703		40T4Q/G9/F/120	100/10	Box	Frost	CC2V	2800	440	2000	1.8	\$4.82	1.69"
	G9	04855		40T4Q/G9/F/120	36/6	Card	Frost	CC2V	2800	460	2000	1.8	\$4.82	1.69"
60	G9	04879		60T4Q/G9/120	36/6	Card	Clear	CC2V	2800	800	2000	1.8	\$7.23	1.69"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



LONG METAL FIN BASE (145mm)



LONG RSC BASE (254mm)



SHORT RSC BASE (78mm)



LONG RSC BASE (118mm)

DOUBLE-ENDED LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
DOUBLE-ENDED, SHORT															
75	RSC	04779		75T3Q	120	36/6	Card	Clear	CC2V	2800	1050	1500	1.3	\$9.03	3.07"
100	RSC	04477		100T3Q	120	100/10	Box	Clear	C8	2900	1300	1500	1.3	\$12.05	3.07"
	RSC	04777		100T3Q	120	36/6	Card	Clear	CC8	2900	1650	1500	1.3	\$12.05	3.07"
	RSC	04971		100T3Q 2CD	120	36/6	Card(2)	Clear	CC8	2900	1650	2000	1.8	\$12.05	3.07"
150	RSC	04474		150T3Q	120	100/10	Box	Clear	C8	3000	2400	1500	1.3	\$18.07	3.07"
	RSC	04774		150T3Q	120	36/6	Card	Clear	CC8	3000	2600	2000	1.8	\$18.07	3.07"
	RSC	04974		150T3Q 2CD	120	36/6	Card(2)	Clear	CC8	3000	2600	2000	1.8	\$18.07	3.07"
	RSC	04783	5	150T3Q/RS/130	130	36/6	Card	Clear	CC8	3000	2600	1500	1.3	\$18.07	3.07"
200	RSC	04972		200T3Q	120	36/6	Card	Clear	CC8	2900	3200	2000	1.8	\$24.09	3.07"
250	RSC	04759		250T3Q	120	36/6	Card	Clear	CC8	3050	4000	1500	1.3	\$30.11	3.07"
300	RSC	04775		300T3Q	120	36/6	Card	Clear	CC2V	3050	5000	1500	1.3	\$36.14	3.07"
DOUBLE-ENDED, LONG															
100	RSC	04865		100T3Q	120	100/10	Box	Clear	C8	2900	1200	1500	1.3	\$12.05	4.65"
	RSC	06242		100T3Q	120	36/6	Card	Clear	CC2V	2800	1450	1500	1.3	\$12.05	4.65"
	RSC	04975		100T3Q 2CD	120	36/6	Card(2)	Clear	CC8	2900	1450	2000	1.8	\$12.05	4.65"
150	RSC	04473		150T3Q	120	100/10	Box	Clear	CC2V	2900	2400	1500	1.3	\$18.07	4.65"
	RSC	04773		150T3Q	120	36/6	Card	Clear	CC2V	2950	2600	2000	1.8	\$18.07	4.65"
	RSC	04973		150T3Q 2CD	120	36/6	Card(2)	Clear	CC2V	2950	2600	2000	1.8	\$18.07	4.65"
	RSC	04784	5	150T3Q/RS/130	130	36/6	Card	Clear	C8	2950	2400	1500	1.3	\$18.07	4.65"
300	RSC	04476		300T3Q	120	100/10	Box	Clear	C8	3000	5950	1500	1.3	\$36.14	4.65"
	RSC	04776		300T3Q	120	36/6	Card	Clear	C8	3000	5000	2000	1.8	\$36.14	4.65"
	RSC	04976		300T3Q 2CD	120	36/6	Card(2)	Clear	C8	3000	5000	2000	1.8	\$36.14	4.65"
	RSC	04828		300T3Q/130	130	100/10	Box	Clear	C8	3000	5950	1500	1.3	\$36.14	4.65"
	RSC	04786	5	300T3Q/RS/130	130	36/6	Card	Clear	C8	3000	5000	1500	1.3	\$36.14	4.65"
	RSC	04979	5	300T3Q/RS/130 2CD	130	36/6	Card(2)	Clear	C8	2900	4000	4000	3.6	\$36.14	4.65"
	Metal Fin	04724		300T3Q/F14	120	36/6	Card	Clear	C8	3000	5000	1500	1.3	\$36.14	5.69"
500	RSC	04478		500T3Q	120	100/10	Box	Clear	C8	3050	10500	1500	1.3	\$60.23	4.65"
	RSC	04778		500T3Q	120	36/6	Card	Clear	C8	3050	9500	2000	1.8	\$60.23	4.65"
	RSC	04978		500T3Q 2CD	120	36/6	Card(2)	Clear	C8	3050	9500	2000	1.8	\$60.23	4.65"
	RSC	04829		500T3Q/130	130	100/10	Box	Clear	C8	3050	10500	1500	1.3	\$60.23	4.65"
	RSC	04788	5	500T3Q/RS/130	130	36/6	Card	Clear	C8	3050	9500	1500	1.3	\$60.23	4.65"
	RSC	04981	5	500T3Q/RS/130 2CD	130	36/6	Card(2)	Clear	C8	2900	8000	4000	3.6	\$60.23	4.65"
1500	RSC	04480		1500T3Q/240	240	100/10	Box	Clear	C8	3100	33000	1500	1.3	\$180.68	10"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association



- 7 Krypton(K) / Xenon(X)
- 8 Long Neck

SINGLE-ENDED LAMPS, D.C. BAYONET AND E11 BASE



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
D.C. BAYONET BASE															
35	D.C. Bay.	04412		35Q/DC	120	36/6	Card	Clear	CC2V	2900	380	1500	1.3	\$4.22	1.88"
50	D.C. Bay.	04835		50Q/DC	120	36/6	Card	Clear	CC2V	2900	600	1500	1.3	\$6.02	1.88"
	D.C. Bay.	04836		50Q/DC	120	100/10	Box	Clear	CC2V	2900	600	1500	1.3	\$6.02	1.88"
75	D.C. Bay.	06246		75Q/DC	120	36/6	Card	Clear	CC8	2800	975	2000	1.8	\$9.03	2.38"
	D.C. Bay.	04837		75Q/DC	120	100/10	Box	Clear	CC2V	2800	975	1500	1.3	\$9.03	2.38"
100	D.C. Bay.	04746		100Q/DC	120	36/6	Card	Clear	CC8	2950	1500	1500	1.3	\$12.05	2.38"
	D.C. Bay.	04846		100Q/DC	120	100/10	Box	Clear	CC8	2950	1400	1500	1.3	\$12.05	2.38"
150	D.C. Bay.	04847		150Q/DC	120	100/10	Box	Clear	CC8	3000	2250	1500	1.3	\$18.07	2.38"
E11 BASE															
50	E11	04423		50T4Q/E11	120	100/10	Box	Clear	CC2V	2900	600	1300	1.1	\$6.02	2.25"
	E11	04723		50T4Q/E11	120	36/6	Card	Clear	CC2V	2900	600	1300	1.1	\$6.02	2.25"
75	E11	04416		75T4Q/E11	120	100/10	Box	Clear	CC8	2900	1450	1300	1.1	\$9.03	2.50"
	E11	04716		75T4Q/E11	120	36/6	Card	Clear	CC8	2900	1450	1300	1.3	\$9.03	2.50"
	E11	04706		75T4Q/F/E11	120	36/6	Card	Frost	CC8	2900	1050	1300	1.1	\$9.03	2.50"
100	E11	04467		100T4Q/E11	120	100/10	Box	Clear	CC8	2950	1900	1300	1.1	\$12.05	2.69"
	E11	04767		100T4Q/E11	120	36/6	Card	Clear	CC8	2950	1900	1300	1.1	\$12.05	2.69"
150	E11	04768		150T4Q/E11	120	36/6	Card	Clear	CC8	3000	2500	1300	1.1	\$18.07	2.69"
250	E11	04469		250T4Q/E11	120	100/10	Box	Clear	CC8	3050	4000	1300	1.1	\$30.11	2.68"
	E11	04769		250T4Q/E11	120	36/6	Card	Clear	CC8	3050	4250	1300	1.1	\$30.11	2.69"
500	E11	04470		500T4Q/E11	120	100/10	Box	Clear	CC8	3100	9000	2000	1.8	\$60.23	3.50"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

T3 SINGLE-ENDED LAMPS, XENON / KRYPTON



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
20	Cand.	06250	7	20T3/KX/E12	120	100/10	Box	Clear	CC8	200	2000	1.8	\$2.41	2.50"
	Cand.	06253	7	20T3/KX/F/E12	120	100/10	Box	Frost	CC8	190	2000	1.8	\$2.41	2.50"
40	E11	06257	7	40T3/KX/E11	120	100/10	Box	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	E11	06243	7	40T3/KX/E11	120	36/6	Card	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	Cand.	06251	7	40T3/KX/E12	120	100/10	Box	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	Cand.	06244	7	40T3/KX/E12	120	36/6	Card	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	Cand.	06254	7	40T3/KX/F/E12	120	100/10	Box	Frost	CC8	540	2000	1.8	\$4.82	2.50"
60	E11	06258	7	60T3/KX/E11	120	100/10	Box	Clear	CC8	960	2000	1.8	\$7.23	2.50"
	Cand.	06252	7	60T3/KX/E12	120	100/10	Box	Clear	CC8	960	2000	1.8	\$7.23	2.50"
	Cand.	06245	7	60T3/KX/E12	120	36/6	Card	Clear	CC8	960	2000	1.8	\$7.23	2.50"
	Cand.	06255	7	60T3/KX/F/E12	120	100/10	Box	Frost	CC8	950	2000	1.8	\$7.23	2.50"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association

- 7 Krypton(K) / Xenon(X)
- 8 Long Neck



REFLECTOR LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Beam Type	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
R16																
40	Med.	36809		40R16/H/FL	120	36/6	Hanging Box	Frost	Flood	CC8	2700	450	2500	2.2	\$4.82	3.50"
R20																
35	Med.	36802	4	35R20/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	2800	380	2500	2.2	\$4.22	3.82"
45	Med.	36860	4	45R20/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	3000	500	2000	1.8	\$5.42	3.82"
BR25																
55	Med.	36861	4	55BR25/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	3000	960	1000	0.9	\$6.62	4.72"
BR30																
50	Med.	36803	4	50BR30/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	2800	590	2500	2.2	\$6.02	5.24"
65	Med.	36862	4	65BR30/H/FL/ECO	120	36/6	Box	Frost	Flood	CC8	3000	820	2000	1.8	\$7.83	5.24"
BR40																
65	Med.	36864	4	65BR40/H/FL/ECO	120	6	Box	Frost	Flood	CC8	3000	820	2000	1.8	\$7.83	6.42"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



PAR REFLECTOR LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
PAR16																
40	Med.	05401		40PAR16/H/FL	120	24/6	Box	30°	Flood	CC8	2950	400	2000	1.8	\$4.82	3.13"
60	Med.	05402		60PAR16/H/FL	120	24/6	Box	30°	Flood	CC8	2950	660	2000	1.8	\$7.23	3.13"
	Med.	36980		60PAR16/H/FL/130	130	24/6	Box	30°	Flood	CC8	2950	660	2000	1.8	\$7.23	3.13"
75	Med.	05407		75PAR16/H/FL	120	24/6	Box	30°	Flood	CC8	2950	900	2000	1.8	\$9.03	3.13"
PAR20																
35	Med.	05419		35PAR20/H/FL	120	24/6	Box	30°	Flood	CC8	2700	380	2000	1.8	\$4.22	3.13"
38	Med.	36849	4	38PAR20/H/FL/ECO	120	24/6	Box	30°	Flood	CC8	2800	500	1000	0.9	\$4.58	3.23"
	Med.	36856	4	38PAR20/H/FL/ECO 2PK	120	6	Box(2)	30°	Flood	CC8	2800	500	1000	0.9	\$4.58	3.23"
	Med.	36850	4	38PAR20/H/FL/ECO/PLUS	120	24/6	Box	30°	Flood	CC8	2750	500	2000	1.8	\$4.58	3.23"
	Med.	36851	4	38PAR20/H/FL/ECO/PLUS 2PK	120	6	Box(2)	30°	Flood	CC8	2750	500	2000	1.8	\$4.58	3.23"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association



- 7 Krypton(K) / Xenon(X)
- 8 Long Neck



PAR REFLECTOR LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
PAR30																
38	Med.	36848	4	38PAR30/H/FL/ECO	120	24/6	Box	30°	Flood	CC8	2800	530	1000	0.9	\$4.58	3.54"
	Med.	36844	4,8	38PAR30/H/FL/LN/ECO	120	24/6	Box	30°	Flood	CC8	2800	520	1000	0.9	\$4.58	4.61"
	Med.	36847	4	38PAR30/H/FL/ECO/PLUS	120	24/6	Box	30°	Flood	CC8	2750	530	2000	1.8	\$4.58	3.54"
	Med.	36843	4,8	38PAR30/H/FL/LN/ECO/PLUS	120	24/6	Box	30°	Flood	CC8	2750	520	2000	1.8	\$4.58	4.61"
60	Med.	36845	4	60PAR30/H/FL/ECO	120	24/6	Box	30°	Flood	CC8	2900	1070	1000	0.9	\$7.23	3.54"
	Med.	36841	4,8	60PAR30/H/FL/LN/ECO	120	24/6	Box	30°	Flood	CC8	2900	1070	1000	0.9	\$7.23	4.61"
	Med.	36857	4,8	60PAR30/H/FL/LN/ECO 2PK	120	6	Box(2)	30°	Flood	CC8	2900	1070	1000	0.9	\$7.23	4.61"
	Med.	36846	4	60PAR30/H/FL/ECO/PLUS	120	24/6	Box	30°	Flood	CC8	2850	1070	2000	1.8	\$7.23	3.54"
	Med.	36842	4,8	60PAR30/H/FL/LN/ECO/PLUS	120	24/6	Box	30°	Flood	CC8	2850	1070	2000	1.8	\$7.23	4.61"
	Med.	36854	4,8	60PAR30/H/FL/LN/ECO/PLUS 2PK	120	6	Box(2)	30°	Flood	CC8	2850	1070	2000	1.8	\$7.23	4.61"
PAR38																
38	Med.	36840	4	38PAR38/H/FL/ECO	120	12/6	Box	30°	Flood	CC8	2800	550	1000	0.9	\$4.58	5.35"
	Med.	36858	4	38PAR38/H/FL/ECO 2PK	120	6	Box(2)	30°	Flood	CC8	2800	550	1000	0.9	\$4.58	5.35"
	Med.	36852	4	38PAR38/H/FL/ECO/PLUS	120	12/6	Box	30°	Flood	CC8	2750	550	2000	1.8	\$4.58	5.35"
	Med.	36853	4	38PAR38/H/FL/ECO/PLUS 2PK	120	6	Box(2)	30°	Flood	CC8	2750	550	2000	1.8	\$4.58	5.35"
60	Med.	36838	4	60PAR38/H/FL/ECO	120	12/6	Box	30°	Flood	CC8	2900	1070	1000	0.9	\$7.23	5.35"
	Med.	36839	4	60PAR38/H/FL/ECO/PLUS	120	12/6	Box	30°	Flood	CC8	2850	1100	2000	1.8	\$7.23	5.35"
70	Med.	36836	4	70PAR38/H/FL/ECO	120	12/6	Box	45°	Flood	CC8	3000	1310	1000	0.9	\$8.43	5.35"
	Med.	36859	4	70PAR38/H/FL/ECO 2PK	120	6	Box(2)	30°	Flood	CC8	3000	1310	1000	0.9	\$8.43	5.35"
	Med.	36837	4	70PAR38/H/FL/ECO/PLUS	120	12/6	Box	30°	Flood	CC8	2950	1310	2000	1.8	\$8.43	5.35"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association 

- 7 Krypton(K) / Xenon(X)
- 8 Long Neck

ECO-HALOGEN A19 LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
29	Med.	36831	4	29A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	3000	450	1000	0.9	\$3.49	4.25"
	Med.	36830	4	29A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	3000	450	1000	0.9	\$3.49	4.25"
	Med.	36870	4	29A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	2900	450	1000	0.9	\$3.49	4.25"
42	Med.	36832	4	42A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	3000	760	1000	0.9	\$5.06	4.25"
	Med.	36800	4	42A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	3000	760	1000	0.9	\$5.06	4.25"
	Med.	36876	4	42A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	2900	760	1000	0.9	\$5.06	4.25"
	Med.	05104	4	42A19/H/SW/ECO 12PK	120	6	Box(12)	Soft White	CC8	3000	760	1000	0.9	\$5.06	4.25"
53	Med.	36834	4	53A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	3000	1100	1000	0.9	\$6.38	4.25"
	Med.	36833	4	53A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	3000	1100	1000	0.9	\$6.38	4.25"
	Med.	36873	4	53A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	2900	1100	1000	0.9	\$6.38	4.25"
72	Med.	36835	4	72A19/H/ECO 2PK	120	30/6	Box(2)	Clear	CC8	3000	1600	1000	0.9	\$8.67	4.25"
	Med.	36801	4	72A19/H/SW/ECO 2PK	120	30/6	Box(2)	Soft White	CC8	3000	1600	1000	0.9	\$8.67	4.25"
	Med.	36877	4	72A19/H/SW/ECO 4PK	120	30/6	Box(4)	Soft White	CC8	3000	1600	1000	0.9	\$8.67	4.25"
	Med.	05105	4	72A19/H/SW/ECO 12PK	120	6	Box(12)	Soft White	CC8	3000	1600	1000	0.9	\$8.67	4.25"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh



SPECIALTY AND DECORATIVE LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/ Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
B11															
40	Cand.	04029	4	40B11/H/FAN/CB 2CD	120	60/10	Card(2)	Clear	CC8	2800	460	2000	1.8	\$4.82	3.75"
SL19															
43	Med.	05018	4	43SL19/H/CG/ECO	120	36/6	Box	Cut Glass	CC8	2900	750	1000	0.9	\$5.18	4.92"
G25															
40	Med.	05017	4	40G25/H/CG/ECO	120	36/6	Box	Cut Glass	CC8	2850	520	2000	1.8	\$4.82	4.65"
BT15															
43	Med.	05013	4	43BT15/H/ECO	120	36/6	Card	Clear	CC8	2900	750	1000	0.9	\$5.18	4.13"
	Med.	05012	4	43BT15/H/SW/ECO	120	36/6	Card	Soft White	CC8	2900	750	1000	0.9	\$5.18	4.13"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens

- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association



- 7 Krypton(K) / Xenon(X)
- 8 Long Neck

XENON LAMPS (MINI RELECTOR)



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/Inner Pack	Package Type	Candle Power	Beam Spread	Beam Type	Filament Type	Light Appearance (Kelvin)	Avg. Rated Hours	ANSI Code	Life in Years*	Est. Yearly Energy Cost**	MOL
MR11																
20	GU4	06214	2, 7	20MR11X/FL/LN 2CD	36/6	Card(2)	700	30°	Flood	C8	2900	10000	FTD	9.1	\$2.41	1.38"
	GU5.3	06212	2, 7	20MR16X/FL/LN 2CD	36/6	Card(2)	700	32°	Flood	C8	2950	10000	BAB	9.1	\$2.41	1.81"
MR16																
50	GU5.3	06213	2, 7	50MR16X/FL/LN 2CD	36/6	Card(2)	1500	32°	Flood	C8	3050	10000	EXN	9.1	\$6.02	1.81"
	GU10	06211	2, 7	50MR16X/FL/GU10/LN 2CD	36/6	Card(2)	1100	30°	Flood	CC2V	3050	3500	-	3.1	\$6.02	2"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

XENON LAMPS (SINGLE-ENDED)



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/Inner Pack	Package Type	Finish	Filament Type	Light Appearance (Kelvin)	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
10	G4	06216	7	10T3X 2CD	12	36/6	Card(2)	Clear	C6	2900	100	5000	4.5	\$1.20	1.19"
20	G4	06209	7	20T3X 2CD	12	36/6	Card(2)	Clear	C6	2900	300	10000	9.1	\$2.41	1.19"
	G8	06210	7	20T4X/G8/120 2CD	120	36/6	Card(2)	Clear	CC2V-H	2700	175	5000	4.5	\$2.41	1.38"
35	G4	06218	7	35T3X/12V 2CD	12	36/6	Card(2)	Clear	C6	2900	550	10000	9.1	\$4.22	1.19"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

T3 XENON / KRYPTON LAMPS

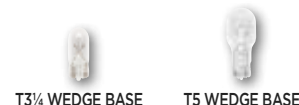
T3 XENON/KRYPTON E11 BASE T3 XENON/KRYPTON CANDELABRA BASE

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/Inner Pack	Package Type	Finish	Filament Type	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
20	Cand.	06250	7	20T3/KX/E12	120	100/10	Box	Clear	CC8	200	2000	1.8	\$2.41	2.50"
	Cand.	06253	7	20T3/KX/F/E12	120	100/10	Box	Frost	CC8	190	2000	1.8	\$2.41	2.50"
40	E11	06257	7	40T3/KX/E11	120	100/10	Box	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	E11	06243	7	40T3/KX/E11	120	36/6	Card	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	Cand.	06251	7	40T3/KX/E12	120	100/10	Box	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	Cand.	06244	7	40T3/KX/E12	120	36/6	Card	Clear	CC8	560	2000	1.8	\$4.82	2.50"
	Cand.	06254	7	40T3/KX/F/E12	120	100/10	Box	Frost	CC8	540	2000	1.8	\$4.82	2.50"
60	E11	06258	7	60T3/KX/E11	120	100/10	Box	Clear	CC8	960	2000	1.8	\$7.23	2.50"
	Cand.	06252	7	60T3/KX/E12	120	100/10	Box	Clear	CC8	960	2000	1.8	\$7.23	2.50"
	Cand.	06245	7	60T3/KX/E12	120	36/6	Card	Clear	CC8	960	2000	1.8	\$7.23	2.50"
	Cand.	06255	7	60T3/KX/F/E12	120	100/10	Box	Frost	CC8	950	2000	1.8	\$7.23	2.50"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

XENON LAMPS (WEDGE)



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Volts	Master Carton/Inner Pack	Package Type	Finish	Filament Type	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
T3 1/4														
5	Wedge	06204	7	5T31/4X/12V	12	100/10	Box	Clear	C2V	38	2800	2.5	\$0.60	0.95"
	Wedge	0620450	7	5T31/4X/12V	12	50	Box	Clear	C2V	38	2800	2.5	\$0.60	0.95"
	Wedge	06217	7	5T31/4/X/12V	12	120/10	Card	Clear	C2V	26	3000	2.7	\$0.60	0.95"
T5														
18	Wedge	06215	7	18T5X/12V	12	36/6	Card	Clear	C2R	210	1000	0.9	\$2.17	1.43"

*Based on 3hrs./day

**Based on 3hrs./day 11¢/kWh

Footnotes

- 1 New Item
- 2 Clear Lens
- 3 Frost Lens
- 4 Eco-Halogen Energy-Saving Technology
- 5 Rough Service
- 6 Canadian Standards Association
- 7 Krypton(K) / Xenon(X)
- 8 Long Neck

130 VOLT COMPARISON CHART

130 Volt lamps will last longer when used on a 120 Volt line. However, the brightness (lumen output) of these 130 Volt lamps operating on a 120 Volt line will be significantly reduced, while energy consumption (watts) will be less.

A 130 Volt lamp is perfect for use in hard-to-reach places and for use in lights that are on for long periods of time. Westinghouse Lighting recommends that you check that there is enough brightness (lumen output) for your specific application or task.

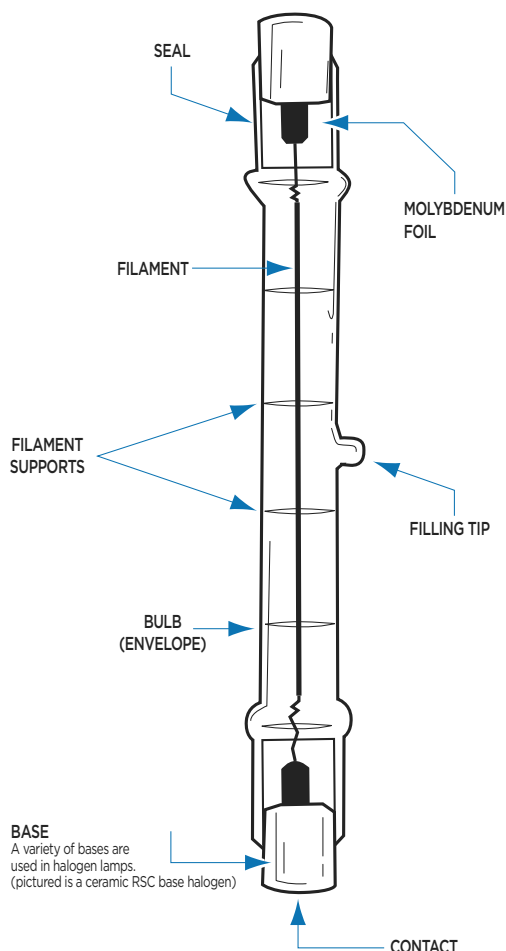
NOTE: Most electrical service is 120 Volts. By using 130 Volt lamps on a 120 Volt line, replacement and maintenance costs can be reduced due to longer life.

130V LAMP SPECIFICATIONS — OPERATING ON A 130V LINE

OPERATING ON A 120V LINE

Item No.	Energy Used (Watts)	Domestic Code	Master Carton /Inner Pack	Avg. Rated Hours	Brightness (Lumens)	Energy Used (Watts) @ 120V	Avg. Rated Hours @ 120V	Brightness (Lumens) @ 120V
04764	75	75T4Q/GY8/130	36/6	2000	975	66	5600	731
04770	100	100T4Q/GY8/130	36/6	2000	1400	88	5600	1050
04783	150	150T3Q/RS/130	36/6	1500	2600	132	4200	1950
04784	150	150T3Q/RS/130	36/6	1500	2400	132	4200	1800
04786	300	300T3Q/RS/130	36/6	1500	5000	264	4200	3750
04788	500	500T3Q/RS/130	36/6	1500	9500	440	4200	7125
04828	300	300T3Q/130	100/10	1500	5950	264	4200	4463
04829	500	500T3Q/130	100/10	1500	10500	440	4200	7875
04979	300	300T3Q/RS/130 2CD	36/6	4000	4000	264	11200	3000
04981	500	500T3Q/RS/130 2CD	36/6	4000	8000	440	11200	6000
36980	60	60PAR16/H/FL/130	24/6	2000	660	53	5600	495

HALOGEN LAMP COMPONENTS



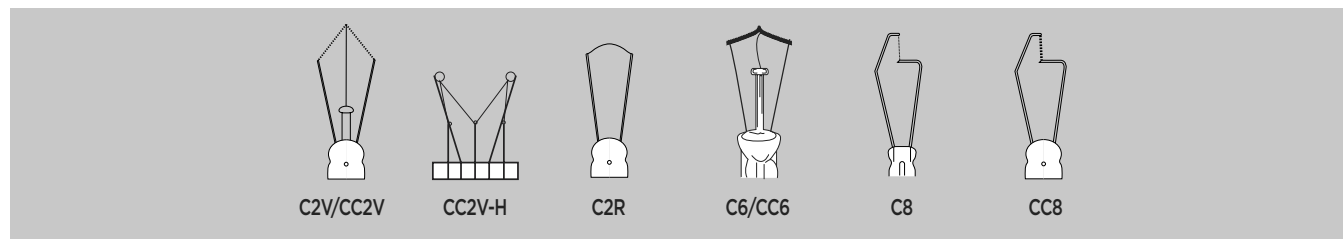
XENON LAMPS

Xenon lamps are incandescent lamps filled with Xenon and other gases. Xenon lamps in comparison to their standard incandescent and halogen lamp counterparts are more efficient, have longer life and have a crisper, brighter light output. All Xenon lamps provide instant brightness and are fully dimmable.

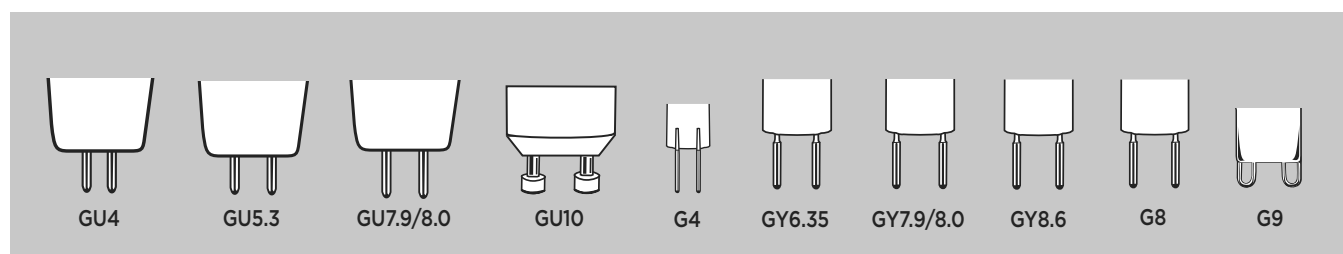
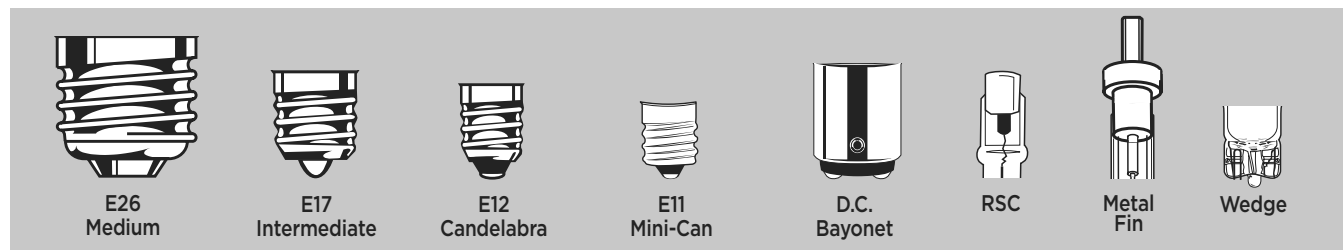
ECO-HALOGEN LAMPS

Eco-Halogen lamps utilize an improved halogen burner that makes them more efficient than a standard halogen equivalent lamp. Additionally Eco-PAR PLUS Halogen lamps utilize an advanced reflective technology to deliver extended life. All Eco-Halogen lamps provide instant brightness and are fully dimmable, plus offer energy savings that meet federal energy efficient standards. Eco-Halogen lamps are perfect alternatives to non-compliant legislated lamps.

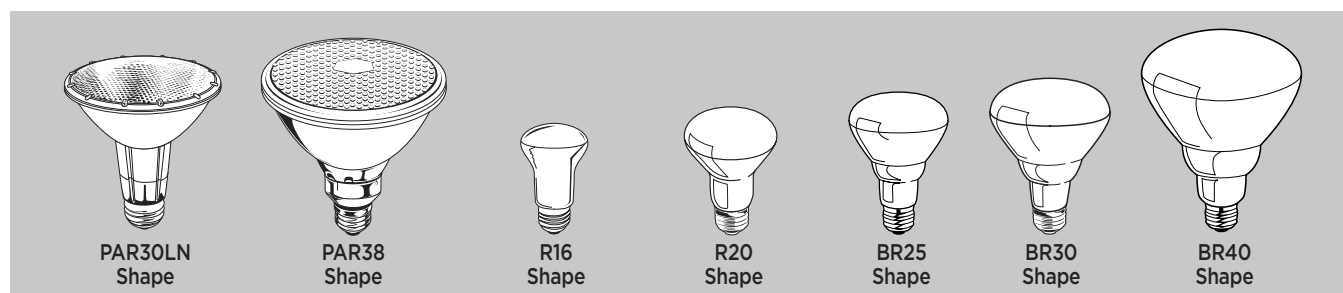
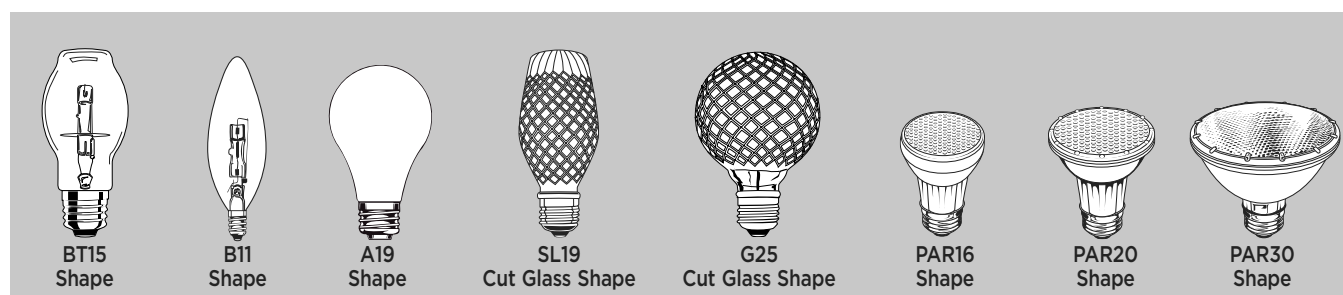
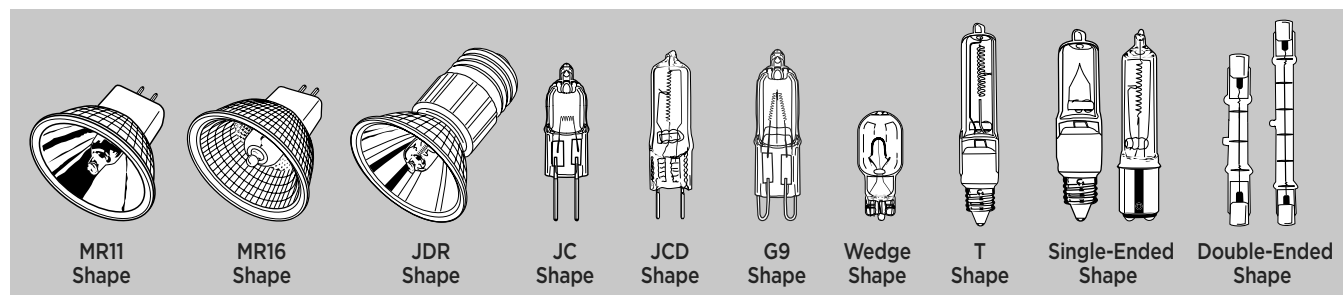
HALOGEN FILAMENT TYPES



HALOGEN BASE TYPES



HALOGEN LAMP SHAPES





LINEAR FLUORESCENT LIGHTING

Upgrade your lighting systems without sacrificing light output. Energy-saving T5s and T8s offer great lumen maintenance in multiple Kelvin temperatures. Our line of long-life fluorescent lighting also includes Circular and U-Bent shapes.

T5 LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Finish	Light Appearance (Kelvin)	CRI	Avg. Rated Hours (3Hrs./Start)	Avg. Rated Hours (12Hrs./Start)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
T5 MINIATURE															
8	Mini BiPin	07440		F8T5/CW	72/12	Sleeve	Cool White	4100	62	5000	9000	380	4.5	\$0.96	12"
	Mini BiPin	07443		F8T5/WW	72/12	Sleeve	Warm White	3000	50	5000	9000	380	4.5	\$0.96	12"
	Mini BiPin	04044		F8T5/CW	6	Hanging Box	Cool White	4100	62	5000	9000	380	4.5	\$0.96	12"
13	Mini BiPin	07500		F13T5/CW	72/12	Sleeve	Cool White	4100	62	5000	10000	860	4.5	\$1.57	21"
T5 QUINTALUX™ (REDUCED MERCURY)															
28	Mini BiPin	07004	2	F28T5/835	24/6	Sleeve	Cool White	3500	83	20000	35000	2900	18.2	\$3.37	46"
	Mini BiPin	07005	2	F28T5/841	24/6	Sleeve	Cool White	4100	84	20000	35000	2900	18.2	\$3.37	46"
54	Mini BiPin	07007	2	F54T5/835/HO	24/6	Sleeve	Cool White	3500	80	20000	35000	5000	18.2	\$6.50	46"
	Mini BiPin	07008	2,5	F54T5/841/HO	24/6	Sleeve	Cool White	4100	81	20000	35000	5000	18.2	\$6.50	46"
	Mini BiPin	07032	2,5	F54T5/850/HO	24/6	Sleeve	Daylight	5000	83	20000	35000	4800	18.2	\$6.50	46"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh



T8 LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Finish	Light Appearance (Kelvin)	CRI	Avg. Rated Hours (3Hrs./Start)	Avg. Rated Hours (12Hrs./Start)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
T8 PREHEAT															
15	Med. BiPin	07540		F15T8/CW	72/12	Sleeve	Cool White	4100	62	7500	12000	850	6.8	\$1.81	18"
	Med. BiPin	36515	8	F15T8/FS	6	Sleeve	Daylight	6500	94	8000	10000	700	7.3	\$1.81	18"
T8 ECOMAX™ (REDUCED MERCURY)															
17	Med. BiPin	07445[†]	2	F17T8/735/ECOMAX	25	Sleeve	Cool White	3500	75	24000	30000	1325	21.9	\$2.05	24"
	Med. BiPin	07446[†]	2	F17T8/741/ECOMAX	25	Sleeve	Cool White	4100	75	24000	30000	1325	21.9	\$2.05	24"
	Med. BiPin	07451[†]	2	F17T8/841/ECOMAX	25	Sleeve	Cool White	4100	85	24000	30000	1400	21.9	\$2.05	24"
25	Med. BiPin	07454	2	F25T8/741/ECOMAX	25	Sleeve	Cool White	4100	75	24000	30000	2125	21.9	\$3.01	36"
	Med. BiPin	07456	2	F25T8/835/ECOMAX	25	Sleeve	Cool White	3500	85	24000	30000	2250	21.9	\$3.01	36"
25	Med. BiPin	36012[†]	2,3,7	F25T8/841/ECO/LL	25	Sleeve	Cool White	4100	84	24000	30000	2500	21.9	\$3.01	48"
28	Med. BiPin	36015[†]	2,7	F28T8/841/ECO/LL	25	Sleeve	Cool White	4100	85	24000	30000	2725	21.9	\$3.37	48"
	Med. BiPin	36016[†]	2,7	F28T8/850/ECO/LL	25	Sleeve	Daylight	5000	86	24000	30000	2725	21.9	\$3.37	48"
32	Med. BiPin	37324[†]	2	F32T8/830/ECOMAX	25	Sleeve	Warm White	3000	83	24000	30000	3050	21.9	\$3.85	48"
	Med. BiPin	37411[†]	2	F32T8/835/ECOMAX	25	Sleeve	Cool White	3500	82	24000	30000	3000	21.9	\$3.85	48"
	Med. BiPin	37413[†]	2	F32T8/841/ECOMAX	25	Sleeve	Cool White	4100	84	24000	30000	3000	21.9	\$3.85	48"
	Med. BiPin	37334[†]	2	F32T8/841/ECOMAX 2PK	36	Box(2)	Cool White	4100	84	24000	30000	3000	21.9	\$3.85	48"
	Med. BiPin	37307[†]	2	F32T8/850/ECOMAX	25	Sleeve	Daylight	5000	82	24000	30000	2900	21.9	\$3.85	48"
	Med. BiPin	07028[†]	2,6,7	F32T8/835/XL/ECOMAX	25	Sleeve	Cool White	3500	84	24000	30000	3100	21.9	\$3.85	48"
	Med. BiPin	07029[†]	2,6,7	F32T8/841/XL/ECOMAX	25	Sleeve	Cool White	4100	83	24000	30000	3100	21.9	\$3.85	48"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

† RATED HOURS FOR PROGRAMMED RAPID START BALLAST ARE 30,000 AT 3 HOURS AND 36,000 AT 12 HOURS.

Fluorescent Lamps contain mercury. For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

1 New Item
2 Low Mercury Lighting

3 Energy Saver
4 High Output Outdoor

5 Canadian Standards Association
6 High Lumen/Long Life

7 CEE Qualified Product
8 Realite™ Full Spectrum



T12 PREHEAT



T12 RAPID START



T12 ECOMAX* RAPID START



T12 ECOMAX* RAPID START



T12 ECOMAX* HIGH OUTPUT

T12 LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton	Package Type	Finish	Light Appearance (Kelvin)	CRI	Avg. Rated Hours (3Hrs./Start)	Avg. Rated Hours (12Hrs./Start)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
T12 PREHEAT															
15	Med. BiPin	07550		F15T12/CW	30	Sleeve	Cool White	4100	62	8000	10000	650	7.3	\$1.81	18"
20	Med. BiPin	05660		F20T12/CW	15	Sleeve	Cool White	4100	62	10000	20000	1200	9.1	\$2.41	24"
T12 RAPID START															
30	Med. BiPin	07650		F30T12/CW	30	Sleeve	Cool White	4100	62	16000	25000	1900	14.6	\$3.61	36"
40	Med. BiPin	05752		F40T12/CWX	30	Bulk	Cool White Deluxe	4100	89	20000	20000	2600	18.2	\$4.82	48"
	Med. BiPin	05914		F40T12/CWX 2PK	15	Sleeve(2)	Cool White Deluxe	4100	89	20000	20000	2600	18.2	\$4.82	48"
	Med. BiPin	07523		F40T12/DD	6	Sleeve	Daylight	6500	90	20000	25000	2200	18.2	\$4.82	48"
T12 ECOMAX* RAPID START (REDUCED MERCURY)															
40	Med. BiPin	05906	2,3	F40T12/DD/ES/ECOMAX	30	Bulk	Daylight Deluxe	6500	90	20000	20000	2025	18.2	\$4.82	48"
75	Single Pin	05903	2	F96T12/DD/ECOMAX	15	Bulk	Daylight Deluxe	6500	90	12000	12000	4500	10.9	\$9.03	96"
T12 ECOMAX* HIGH OUTPUT (REDUCED MERCURY, HO 800MA)															
110	Rec. D.C	07910	2,4	F96T12/CW/HO-O/ECOMAX	15	Bulk	Cool White	4100	62	12000	12000	8800	10.9	\$13.25	96"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

E

E* Means this bulb meets Federal minimum efficiency standards

Fluorescent Lamps contain mercury. For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

1 New Item
2 Low Mercury Lighting3 Energy Saver
4 High Output Outdoor5 Canadian Standards Association
6 High Lumen/Long Life7 CEE Qualified Product
8 Realite™ Full Spectrum

T8 ECOMAX® U-BENT LAMP



T8 ECOMAX® U-BENT LAMP

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton	Package Type	Finish	Light Appearance (Kelvin)	CRI	Avg. Rated Hours (3Hrs./Start)	Avg. Rated Hours (12Hrs./Start)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
T8 ECOMAX® U-BENT RAPID START LAMP (6"LEG SPACING)															
32	Med. BiPin	37317	2	FB32T8/841/6/ECOMAX	20	Box	Cool White	4100	84	20000	24000	2800	18.2	\$3.85	22.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh



T9 CIRCULAR LAMP



T6 2C CIRCULAR LAMP

CIRCULAR LAMPS

Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton/ Inner Pack	Package Type	Finish	Light Appearance (Kelvin)	CRI	Avg. Rated Hours (3Hrs./Start)	Brightness (Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
T9 CIRCULAR														
22	4-Pin	06010		FC8T9/CW	12	Hanging Box	Cool White	4100	62	9000	1040	8.2	\$2.65	8"
	4-Pin	06013		FC8T9/WW	12	Hanging Box	Warm White	3000	52	9000	1040	8.2	\$2.65	8"
32	4-Pin	06020		FC12T9/CW	12	Hanging Box	Cool White	4100	62	10000	1940	9.1	\$3.85	12"
	4-Pin	06023		FC12T9/WW	12	Hanging Box	Warm White	3000	52	10000	1940	9.1	\$3.85	12"
40	4-Pin	06030		FC16T9/CW	6	Hanging Box	Cool White	4100	62	10000	2660	9.1	\$4.82	16"
T6 2C CIRCULAR (4-PIN)														
40	GU10q	37340		FC40/2C/WW	36/6	Box	Warm White	3000	82	10000	2800	9.1	\$4.82	7.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh



TUBE GUARD WITH END CAP



TUBE GUARD END CAP

TUBE GUARDS AND END CAPS

ALL TUBE GUARDS AND END CAPS ARE **NOT FOR USE** WITH HO LAMPS.

Energy Used (Watts)	Lamp Base	Item No.	Domestic Code	Master Carton/ Inner Pack	Package Type	Finish	MOL
T8 (INCLUDES END CAPS)							
		07944	TUBEGUARD/T8/96	24	Bulk	Clear	96"
		07946	TUBEGUARD/T8/48	24	Bulk	Clear	48"
T12 (INCLUDES END CAPS)							
		07948	TUBEGUARD/T12/48	12	Bulk	Clear	48"
		07949	TUBEGUARD/T12/96	12	Bulk	Clear	96"
T12 END CAPS							
		07950	TUBEGUARDENDCAP/T12	500/25	Bulk	Black	-

Fluorescent Lamps contain mercury.  For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

1 New Item
2 Low Mercury Lighting

3 Energy Saver
4 High Output Outdoor

5 Canadian Standards Association 
6 High Lumen/Long Life

7 CEE Qualified Product 
8 Realite™ Full Spectrum

UNDERSTANDING COLOR TEMPERATURE

WHAT IS COLOR TEMPERATURE?

Color temperature is a way to describe the light appearance provided by a lamp. It is measured in degrees of Kelvin (K) and, typically, falls somewhere on a scale from 2000K to 6500K for commercial and residential lighting applications. The color temperature of a lamp is assigned using the basis of correlated color temperature (CCT). For example, if you heat up a metal object, the object appears to glow. Depending on the Kelvin temperature that the metal object is being heated at, the glow will be various colors, such as orange, yellow or blue. The color temperature of lamps is meant to replicate the Kelvin temperature of the metal object in the above example, thus providing a standard against which to measure the color temperature of all lamps.

The color temperature of a lamp lets us know what the look and feel of the light produced will be. At the lower end of the scale, from 2000K to 3000K, the light produced is called “warm white” and ranges from orange to yellowish-white in appearance. Color temperatures between 3100K and 4500K are referred to as “cool white” or “bright white”. Lamps within this range will emit a more neutral white light and may even have a slightly blue tint. Above 4500K brings us into the “daylight” color temperature of light. Lamps with color temperatures of 4500K and above will give off a blue-white light that mimics daylight.

WHAT COLOR TEMPERATURE IS RIGHT FOR ME?

Understanding Kelvin temperature (K) makes it easier to choose lighting that gives you the look and feel you want.

WARM WHITE



COOL WHITE



DAYLIGHT



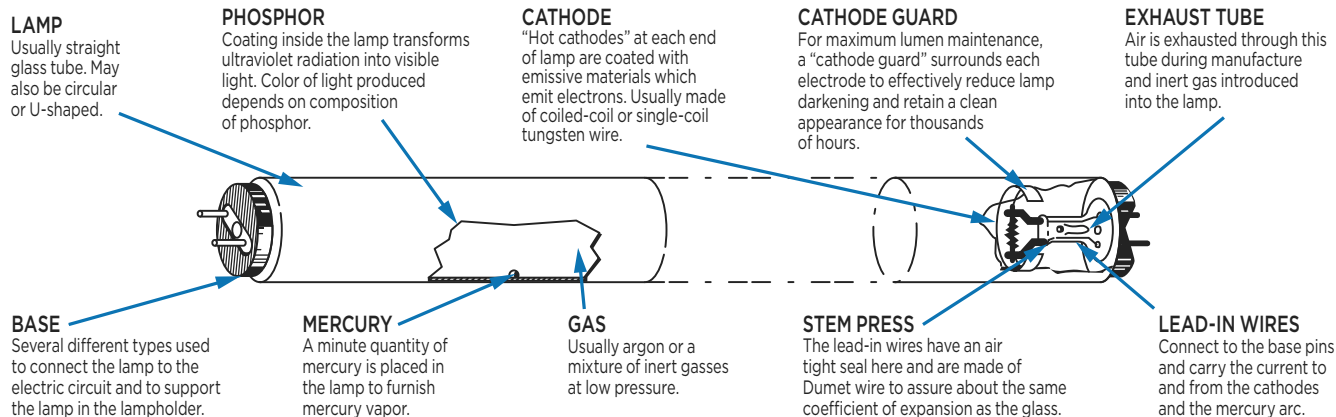
2000-3000K

3100-4500K

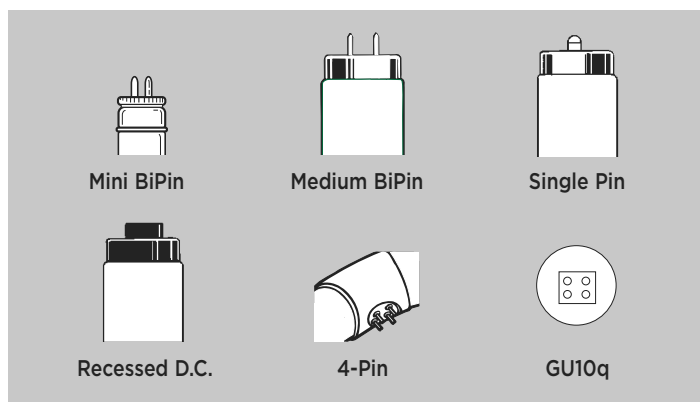
4600-6500K

Color Temperature (KELVIN)	2000K - 3000K	3100K - 4500K	4600K - 6500K
Light Appearance	Warm White	Cool White	Daylight
Ambience	Cozy, calm, inviting, intimate	Bright, vibrant	Crisp, invigorating
Best for	Pendants, wall/coach lanterns, restaurant/commercial ambient lighting, residential recessed lighting, table & floor lamps	Basements, garages, work environments, task lighting	Display areas, security lighting, garages, task lighting

FLUORESCENT LAMP COMPONENTS



FLUORESCENT LAMP BASE TYPES

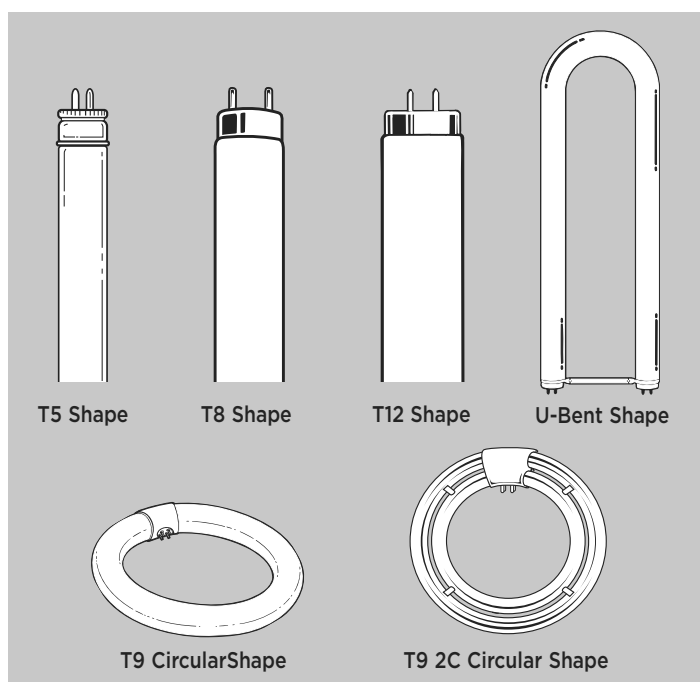


FLUORESCENT LAMP MERCHANDISING DISPLAY



09260
2-Pack
Fluorescent
Wire Rack
Display

FLUORESCENT LAMP SHAPES





Westinghouse

INNOVATION YOU CAN BE SURE OF



HIGH INTENSITY DISCHARGE (HID) LIGHTING

Our extensive HID lamp line includes pulse start and protected metal halides, high pressure sodium and mercury vapor options. These lamps offer increased lamp efficacy and higher light output than standard incandescent or fluorescent lamps.

MERCURY VAPOR LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton	Package Type	Finish	Light Appearance (Kelvin)	CRI	ANSI Code	Avg. Rated Hours	Brightness (Initial Lumens)	Brightness (Mean Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
E17																
50	Med.	37401		HF50XR/H46/MED	6	Box	White	4000	41	H46	24000	1900	1520	21.9	\$6.02	5.44"
75	Med.	37402		HF75XR/H43/MED	6	Box	White	4000	41	H43	24000	3000	2400	21.9	\$9.03	5.44"
100	Med.	37404		HF100XR/H38/MED	6	Box	White	4000	41	H38	24000	4500	3600	21.9	\$12.05	5.44"
ED23 1/2																
100	Mogul	37403		HF100XR/H38	6	Box	White	4000	41	H38	24000	4500	3600	21.9	\$12.05	8.25"
BT28																
175	Mogul	37405		HF175XR/H39	6	Box	White	4000	41	H39	24000	8900	7120	21.9	\$21.08	8.31"
250	Mogul	37406		HF250XR/H37	6	Box	White	4000	41	H37	24000	13700	10960	21.9	\$30.11	8.75"
BT37																
400	Mogul	37407		HF400XR/H33	6	Box	White	4000	41	H33	24000	24000	19200	21.9	\$48.18	11.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

HIGH PRESSURE SODIUM LAMPS



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton	Package Type	Finish	Light Appearance (Kelvin)	CRI	ANSI Code	Avg. Rated Hours	Brightness (Initial Lumens)	Brightness (Mean Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
ED17																
35	Med.	37430		LU35/S76/MED	6	Box	Clear	1900	15	S76	24000	2250	2050	21.9	\$4.22	5.44"
50	Med.	37432		LU50/S68/MED	6	Box	Clear	1900	15	S68	24000	4000	3600	21.9	\$6.02	5.44"
70	Med.	37435		LU70/S62/MED	6	Box	Clear	1900	15	S62	24000	6300	5520	21.9	\$8.43	5.44"
100	Med.	37439		LU100/S54/MED	6	Box	Clear	2100	25	S54	24000	9500	8000	21.9	\$12.05	5.44"
150	Med.	37442		LU150/S55/MED	6	Box	Clear	2100	25	S55	24000	14500	13300	21.9	\$18.07	5.44"
ED23 1/2																
70	Mogul	37437		LU70/S62	6	Box	Clear	1900	15	S62	24000	6300	5500	21.9	\$8.43	7.75"
100	Mogul	37440		LU100/S54	6	Box	Clear	2100	25	S54	24000	9500	8000	21.9	\$12.05	7.75"
150	Mogul	37443		LU150/S55	6	Box	Clear	1900	25	S55	24000	14500	11600	21.9	\$18.07	7.75"
ET18																
250	Mogul	37444		LU250/S50	6	Box	Clear	1900	21	S50	24000	27500	22000	21.9	\$30.11	9.75"
400	Mogul	37445		LU400/S51	6	Box	Clear	2100	21	S51	24000	50000	40000	21.9	\$48.18	9.75"
ET25																
1000	Mogul	37447		LU1000/S52	12	Box	Clear	2100	21	S52	24000	130000	120700	21.9	\$120.45	15.13"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

HID Lamps contain mercury.  For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

- 1 For Probe Start or Pulse Start Ballasts
- 2 Low Profile
- 3 Universal Operating Position
- 4 Specifications based on operating at a base up (BU) position

METAL HALIDE LAMPS (FOR USE IN ENCLOSED FIXTURES)



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton	Package Type	Finish	Light Appearance (Kelvin)	CRI	ANSI Code	Avg. Rated Hours	Brightness (Initial Lumens)	Brightness (Mean Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
ED17																
50	Med.	37016	1,3	MH50/U/M110/E/MED	6	Box	Clear	4200	65	M110/E	10000	3400	2000	9.1	\$6.02	5.44"
70	Med.	37017	1,3	MH70/U/M98/E/MED	6	Box	Clear	4200	65	M98/E	10000	5600	4400	9.1	\$8.43	5.44"
100	Med.	37018	1,3	MH100/U/M90/E/MED	6	Box	Clear	4200	65	M90/E	10000	8500	5525	9.1	\$12.05	5.44"
150	Med.	37015	1,3	MH150/U/M102/E/MED	6	Box	Clear	4200	60	M102/E	10000	9000	8000	9.1	\$18.07	5.44"
175	Med.	37019	3	MH175/U/M57/E/MED	6	Box	Clear	4200	65	M57/E	10000	14400	11520	9.1	\$21.08	5.44"
ED28																
175	Mogul	37020	3	MH175/U/M57/E	6	Box	Clear	4200	65	M57/E	10000	14400	12800	9.1	\$21.08	8.31"
250	Mogul	37021	3	MH250/U/M58/E	6	Box	Clear	4200	65	M58/E	10000	20500	17500	9.1	\$30.11	8.31"
400	Mogul	37014	2,3	MH400/U/M59/ED28/E	6	Box	Clear	4000	60	M59/E	20000	36000	23500	18.2	\$48.18	8.31"
ED37																
400	Mogul	37024	3	MH400/U/M59/E	6	Box	Clear	4200	65	M59/E	20000	36000	23500	18.2	\$48.18	11.50"
BT37																
1000	Mogul	37028	2,3	MH1000/U/M47/E/BT37	6	Box	Clear	4200	65	M47/E	10000	110000	86000	9.1	\$120.45	11.50"
BT56																
1000	Mogul	37027	3	MH1000/U/M47/E	6	Box	Clear	4200	65	M47/E	10000	105000	80000	9.1	\$120.45	15.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

METAL HALIDE PROTECTED LAMPS (OPEN FIXTURE RATED)



Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton	Package Type	Finish	Light Appearance (Kelvin)	CRI	ANSI Code	Avg. Rated Hours	Brightness (Initial Lumens)	Brightness (Mean Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
ED17																
50	Med.	37009	1,3	MP50/U/M110/O/MED	6	Box	Clear	3000	60	M110/O	10000	3450	1900	9.1	\$6.02	5.44"
70	Med.	37010	1,3	MP70/U/M98/O/MED	6	Box	Clear	3000	60	M98/O	10000	5600	4480	9.1	\$8.43	5.44"
100	Med.	37011	1,3	MP100/U/M90/O/MED	6	Box	Clear	3000	60	M90/O	10000	8000	5525	9.1	\$12.05	5.44"
150	Med.	37013	1,3	MP150/U/M102/O/MED	6	Box	Clear	4200	60	M102/O	10000	12250	8500	9.1	\$18.07	5.44"
BT28																
175	Ext. Mogul	37029	3	MP175/U/M57/O	6	Box	Clear	4200	65	M57/O	10000	14400	10800	9.1	\$21.08	8.25"
BT37																
400	Ext. Mogul	37022	4	MP400/BU/M59/O	12	Box	Clear	4200	65	M59/O	20000	36000	23500	18.2	\$48.18	11.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

HID Lamps contain mercury.  For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

- 1 For Probe Start or Pulse Start Ballasts
- 2 Low Profile
- 3 Universal Operating Position
- 4 Specifications based on operating at a base up (BU) position

METAL HALIDE PULSE START LAMPS (FOR USE IN ENCLOSED FIXTURES)

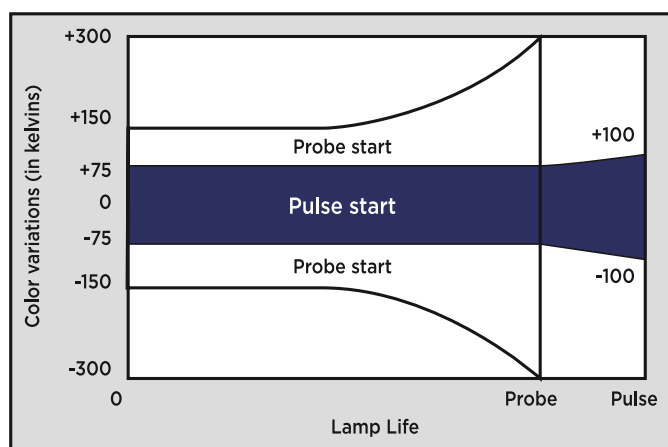


Energy Used (Watts)	Lamp Base	Item No.	Footnotes	Domestic Code	Master Carton	Package Type	Finish	Light Appearance (Kelvin)	CRI	ANSI Code	Avg. Rated Hours	Brightness (Initial Lumens)	Brightness (Mean Lumens)	Life in Years*	Est. Yearly Energy Cost**	MOL
BT28																
250	Mogul	37031	3	MH250/U/M138/E/PS	6	Box	Clear	4200	65	M138/M153/E	15000	25000	20000	13.6	\$30.11	8.25"
320	Mogul	37032	3	MH320/U/M132/E/PS	12	Box	Clear	4200	65	M132/M154/E	20000	33000	26400	18.2	\$38.54	9"
400	Mogul	37025	2,3	MH400/U/M135/155/BT28/PS	6	Box	Clear	4200	65	M135/M155/E	20000	36000	23500	18.2	\$48.18	8.31"
BT37																
400	Mogul	37036	3	MH400/U/M135/155/E/PS	12	Box	Clear	4200	65	M135/M155/E	20000	44000	35200	18.2	\$48.18	11.50"

*Based on 3hrs./day **Based on 3hrs./day 11¢/kWh

THE PULSE START ADVANTAGE

Standard "probe start" metal halide lamps tend to shift color over the life of the lamp. Pulse start technology significantly reduces color shift providing consistent color over the life of the lamp.



Source: Adapted from Advance Transformer Co.

HID LAMP ANSI CODE SPECIFICATIONS

Metal Halide Lamps		HPS Lamps		Mercury Vapor Lamps	
BALLAST INFORMATION		BALLAST INFORMATION		BALLAST INFORMATION	
Lamp	ANSI Code	Lamp	ANSI Code	Lamp	ANSI Code
50W	M110	35W	S76	50W	H46
70W	M98	50W	S68	75W	H43
100W	M90	70W	S62	100W	H38
175W	M57	100W	S54	175W	H39
250W	M58	150W	S55	250W	H37
400W	M59	250W	S50	400W	H33
1000W	M47	400W	S51		
		1000W	S52		

HID Lamps contain mercury. For more on clean up and safe disposal, visit epa.gov/cfl.

Footnotes

- 1 For Probe Start or Pulse Start Ballasts
- 2 Low Profile
- 3 Universal Operating Position
- 4 Specifications based on operating at a base up (BU) position

WHERE TO USE HID LAMPS...



MERCURY VAPOR LAMPS

Mercury vapor lamps emit light when a short arc passes through mercury vapor. These lamps are designed for applications that require moderate color rendering, such as outdoor security, area lighting, general flood lighting, barns and parking lots.



HIGH PRESSURE SODIUM LAMPS

High pressure sodium lamps provide efficient lighting solutions for outdoor security, parking garage, parking lot, roadway lighting and area lighting applications.

These lamps are named for the sodium vapor arc that generates their light. High pressure sodium lamps are one of the most efficient HID lamps. Their high efficacy—or high ratio of lumens per watt—create their energy-saving capabilities. High pressure sodium lamps are commonly used in areas where lamp life and high efficiency are required and color rendering is not critical.



METAL HALIDE LAMPS

Metal halide lamps are ideal for use in retail, industrial, area lighting, accent lighting, security lighting, roadway lighting and parking garage applications.

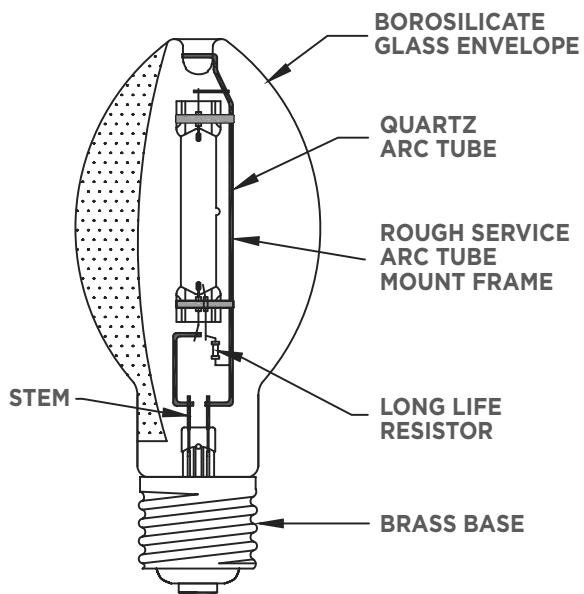
These lamps create light when an arc passes through a capsule holding mercury vapor and other chemical components called “metal halides.” The additives greatly improve both lumen and color performance. They are widely used in a variety of commercial and industrial applications where better color rendering is critical. They can be used indoors and outdoors.

Protected metal halide lamps are also known as “open fixture rated” lamps. These types of metal halide lamps have a covering over the quartz arc tube which prevents the outer envelope from breaking in the rare case that the inner arc tube ruptures.

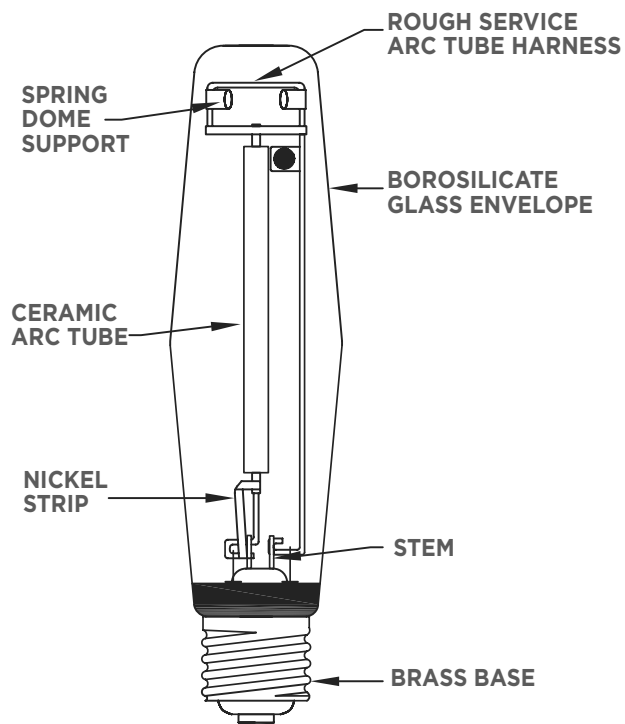
Pulse start metal halide lamps send an electric pulse to the arc tube. This “pulse” allows the lamp to start quicker, maintain lumen output better, and last longer than probe start metal halides. Pulse start metal halide lamps must be used in fixtures designed specifically for pulse start lamps.

HID LAMP COMPONENTS

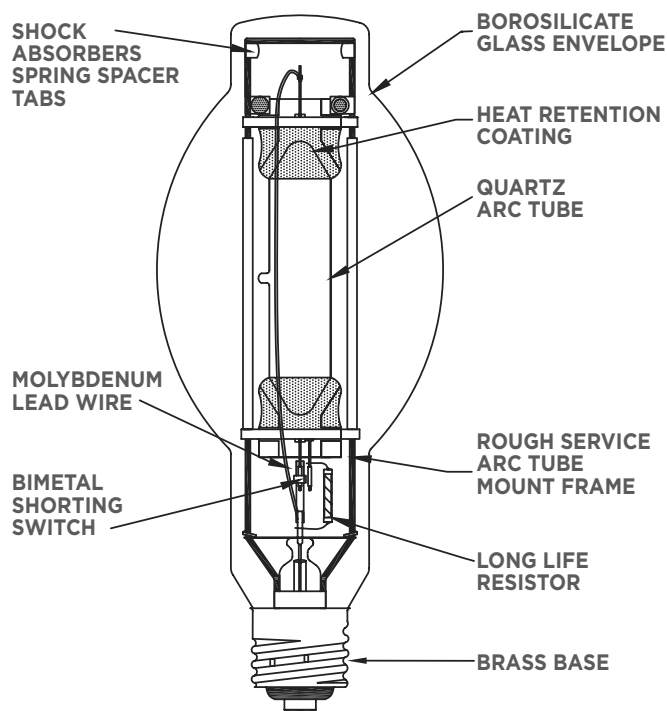
MERCURY VAPOR



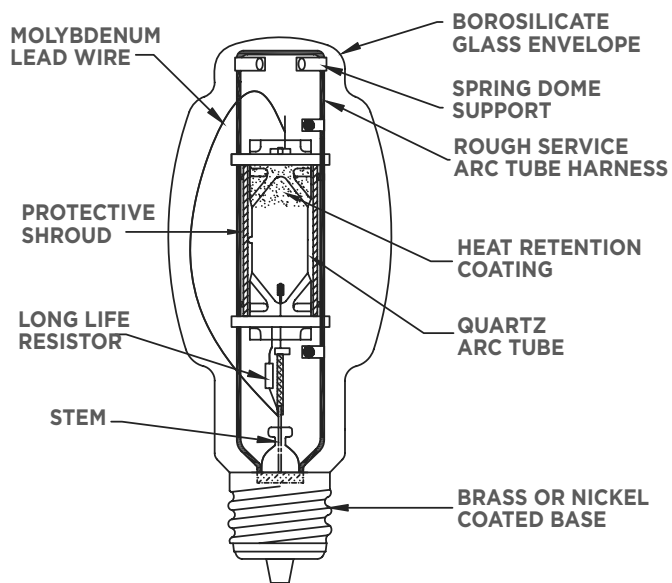
HIGH PRESSURE SODIUM



ENCLOSED RATED METAL HALIDE



OPEN RATED METAL HALIDE



HIGH INTENSITY DISCHARGE LAMP BASE TYPES



E26
Medium



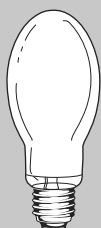
E39
Mogul



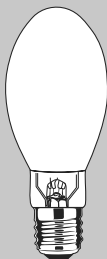
EX39
Extended Mogul

HIGH INTENSITY DISCHARGE LAMP SHAPES

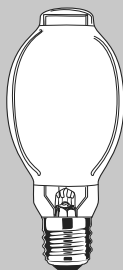
MERCURY VAPOR



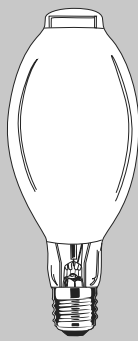
E17
Shape



ED23½
Shape

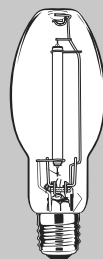


BT28
Shape

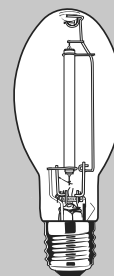


BT37
Shape

HIGH PRESSURE SODIUM



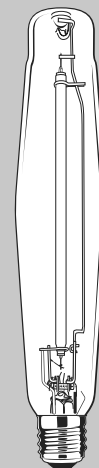
ED17
Shape



ED23½
Shape

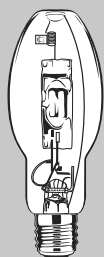


ET18
Shape

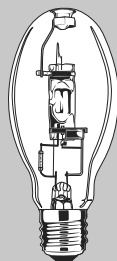


ET25
Shape

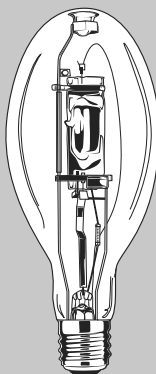
METAL HALIDE LAMP SHAPES



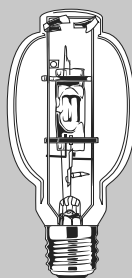
ED17 Shape



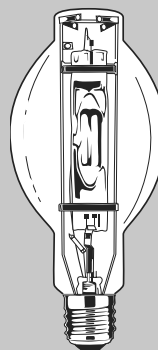
ED28 Shape



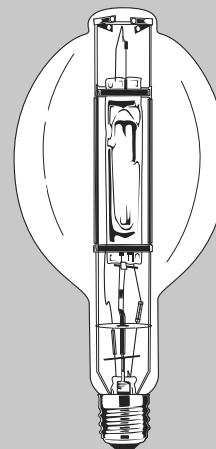
ED37 Shape



BT28 Shape



BT37 Shape



BT56 Shape

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