



Brighter
Moments
with **BULBRITE®**

For over 40 years, Bulbrite has been providing the right light to meet your needs. Whether it's illuminating everyday moments or adding a touch of drama to your special event, the right light helps to create **Brighter Moments** in your life.

How do we provide the right light? By consistently delivering what you expect from us: Innovative Products, Education and Outstanding Service.

Our promise to deliver innovative, high quality products is fulfilled by our numerous award winning products as well as our extensive line of lamps including Halogen, LED, Compact Fluorescent, Krypton/Xenon, HID, Fluorescent, Incandescent and a broad range of Specialty lamps. Our promise to provide education is delivered through our comprehensive online educational resource, LIGHTOPEDIA.com, where both lighting professionals and consumers can learn everything about lighting and legislation. Our promise to deliver outstanding service is achieved with a team of ALA certified professionals as well as the best and brightest national sales force, all of whom are focused on processing and shipping your orders the same day using the most efficient order entry, warehousing and distribution system.

We are proud to be your source for the right light and look forward to creating **Brighter Moments** in your life for many years to come.

Bulbrite's distinctions and awards:



Bulbrite is a proud member of:



Bulbrite's online resources:

Bulbrite.com lightopedia.com

BULBRITE®

THE BULBRITE PROMISE

We are committed to providing a wide breadth of innovative light source products, exceptional educational programs and outstanding service.

We Provide Innovative, High Quality Products!

Our manufacturing expertise and in-house state-of-the-art testing lab guarantee the integrity of our full line of innovative, award winning products.

We Are Committed To Education!

We help our customers understand the latest lighting technology by offering extensive product training through webinars, educational training centers and websites.

We Deliver Outstanding Service!

We offer Same Day Shipping and a 98% Order Fulfillment Rate with a first class, solution-oriented team of ALA certified professionals.



BULBRITE®

HOW TO USE

EISA ICONS

Indicates product affected by EISA and shows the year in which the legislation for that specific lamp goes into effect: 2012, 2013 or 2014.



COMPLIANCY ICONS

Indicates the lamp is compliant with the applicable regulation.



BULBRITE FEATURED ICONS

Indicates specific features of the lamp, including if it is new or a Bulbrite exclusive.



All icons appear at the top of each page



see pg 177

Energy Wiser®

GU24 Twist & Lock - Dimmable

T3 Coil

- 2011 Platinum Adex Award winner
- Continuous smooth dimming down to 10% lumen output
- IC (Integrated Circuit) technology provides longer life when dimming compared to other CFLs
- Fits standardized line voltage socket promoted by Energy Star
- Ideal for residential & commercial applications



compa

YOUR CATALOG

APPLICATION ICONS

							
AMUSEMENT	CEILING FAN	CEILING FIXTURE	CHANDELIER	COMMERCIAL	INDUSTRIAL	LANDSCAPE	OUTDOOR COMMERCIAL
							
OUTDOOR RESIDENTIAL	PENDANT/ DOWNLIGHTS	PORTABLE	RECESSED	SIGN/DISPLAY	TRACK	VANITY	WALL MOUNT/ SCONCE

SPECIFICATION TABLE

Indicates minimum sell quantity (inner) and smallest shipping carton (master)

Average life expressed in hours

Brightness at the center of the beam

Application icons show specific uses for lamps

Energy efficient lamp alternatives

Products affected by EISA

Measurement of brightness

Maximum overall length in inches

Footnotes can be found on the last page of each section

For CFL alternatives, see pages 112; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/ Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
45	PAR38	E26	▲ 683844	H45PAR38FL	120	1 / 15	Flood 30°	2800K	520	2500	1200	5 1/16"	2
			▲ 683845	H45PAR38FL3	130	1 / 15	Flood 30°	2800K	440	5000	1200	5 1/16"	2,7
60	PAR38	E26	▲ 683864	H60PAR38FL	120	1 / 15	Flood 30°	2900K	880	2500	1700	5 1/16"	2
			▲ 683865	H60PAR38FL3	130	1 / 15	Flood 30°	2900K	700	5000	1700	5 1/16"	2,7
75	PAR38	E26	▲ 683874	H75PAR38FL	120	1 / 15	Flood 30°	2950K	1100	2500	2500	5 1/16"	2
			▲ 683875	H75PAR38FL3	130	1 / 15	Flood 30°	2950K	940	5000	2500	5 1/16"	2,7
90	PAR38	E26	▲ 683892	H90PAR38SP	120	1 / 15	Spot 12°	3000K	1270	2500	12000	5 1/16"	2
			▲ 683894	H90PAR38FL	120	1 / 15	Flood 30°	3000K	1270	2500	3200	5 1/16"	2
			▲ 683895	H90PAR38FL3	130	1 / 15	Flood 30°	3000K	1100	5000	3200	5 1/16"	2,7
120	PAR38	E26	▲ 683924	H120PAR38FL	120	1 / 15	Flood 30°	3050K	1850	2500	3500	5 1/16"	2
			▲ 683925	H120PAR38FL3	130	1 / 15	Flood 30°	3050K	1440	5000	3500	5 1/16"	2,7
150	PAR38	E26	▲ 683954	H150PAR38FL	120	1 / 15	Flood 30°	3100K	2210	2500	4300	5 1/16"	2
250	PAR38	E26	682502	250CAP38SP	120	1 / 6	Spot 10°	3025K	3600	4500	46,500	5 1/16"	M,3
			682501	250CAP38FL	120	1 / 6	Flood 30°	3025K	3600	4500	9000	5 1/16"	M,3

Lumens and Average Hours for 130V lamps are based on 120V line.

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Our Commitment to Education

At Bulbrite, we take our commitment to education seriously. It defines who we are. We educate ourselves and others because we believe that by learning, growing and teaching, we can all reach our full potential.

Bulbrite's team of ALA certified professionals, our educational training centers in New Jersey and Texas, in conjunction with our webinars and website are proof of our commitment to education. With changes in lighting legislation as well as advancements in lighting technologies, we believed it was essential to create a comprehensive online educational resource where both lighting professionals and consumers could learn everything about lighting and legislation. Accordingly, **LIGHTOPEDIA.com** was born.

Lightopedia.com's mission is to educate both lighting professionals and consumers about lighting and legislation.

Visit
lightopedia.com™
to learn more

Lighting Professionals

TRAINING – Seven interactive modules covering bulb basics accredited by the American Lighting Association

TOOLS – Variety of lamp reference tools including a Savings & ROI calculator

REGULATIONS – EISA legislation summary and replacement guides

RESOURCES – List of lighting associations, certifications and energy efficiency resources



Lighting Consumers

BULB OF CHOICE – Illustrates the light bulb choices consumers have and where to buy

BULB BUSTERS – Sheds light on common myths regarding energy efficient bulbs

BYE BYE BULB – A consumer friendly explanation of the new light bulb legislation



What You Need to Know About Lighting Facts Labels

The Federal Trade Commission (FTC) passed legislation to implement new Lighting Facts Labels on light bulb packaging. The new Lighting Facts Labels will be included on all light bulbs intended for general service purposes. These new labels will be featured on all packaging for standard base LEDs, CFLs and household incandescents.

How to read the Lighting Facts Labels:



Front Label:

The front of bulb packaging will tell you what you need to know.

- How bright is this lamp?
- How much will it cost to operate?

Brightness

610
lumens

Estimated
Energy Cost

\$1.33
per year

Side or Back Label:

BRIGHTNESS

If you're asking WATT lamp you need, you're asking the wrong question. Wattage is not what you should be considering when trying to determine how bright you want your bulb.

The brightness of a lamp is actually measured in LUMENS. Be sure to check out our lamp brightness guide on pg. 165.

Just remember,
more lumens = more light.

Lighting Facts Per Bulb

Brightness **610 lumens**

Estimated Yearly Energy Cost \$1.33

Based on 3 hrs/day, 11¢/kWh
Cost depends on rates and use



Life

Based on 3 hrs/day **36.5 years**

Light Appearance



Energy Used **11 watts**

ESTIMATED YEARLY ENERGY COST

This dollar amount will tell you how much it will cost to operate the bulb for one year, based on 3 hours a day of use and a rate of \$0.11 per kWh (kilowatt per hour).

A kWh is the amount of power consumed over a period of one hour that you pay for on your electric bill. Although the FTC requires this calculation to use a rate of \$0.11 per kWh, electricity rates vary by region. Check with your power supply company to confirm the rates in your region.

LIGHT APPEARANCE

This easy to read scale will tell you whether the light has a warmer or cooler tone. A warm white light will have a marker on the left end of the scale and cool daylight will have a marker closer to the right.

MORE INFORMATION

Bulbs that contain mercury will include a disclosure as well as a website that describes how you should dispose of the lamp (epa.gov/cfl). Energy Star qualifying products will have the Energy Star logo on the label.

If you are replacing a lamp but didn't keep the box, don't worry! The new law requires manufacturers to put brightness directly on the bulb, so be sure to look for LUMENS on the bulb itself.

For more information, visit www.bulbrite.com/lightingfacts

What You Need To Know about EISA

Understanding the EISA legislation is almost as easy as changing a light bulb. The following lamp types have been affected by EISA:

1 General Service Incandescent Lamps

2 General Service Incandescent Reflector Lamps

3 General Service Fluorescent Lamps

In this quick reference guide, you will find a breakdown of exactly which lamps are affected, which lamps are exempt, what their effective dates are and examples of how to identify the proper replacements.

Be sure to look for the icons below throughout the catalog to identify products that do not meet the new energy efficiency standards required by EISA. For EISA compliant options, see page 12.



BULBRITE®

1 General Service Incandescent Lamps

Affected:

- Medium screw base
- 310 to 2,600 lumens
- 110 to 130 volts



Current Wattage	Maximum Rated Wattage	Rated Lumen Range	Minimum Rated Lifetime	Effective Date
100W	72W	1490-2600	1000 hrs	1/1/2012
75W	53W	1050-1489	1000 hrs	1/1/2013
60W	43W	750-1049	1000 hrs	1/1/2014
40W	29W	310-749	1000 hrs	1/1/2014

- Modified spectrum lamp required lumen ranges are 25% lower
- Minimum of 75 CRI for modified spectrum lamps

Also effective 1/1/2012:

- Candelabra base incandescent lamps shall not exceed 60 watts
- Intermediate base incandescent lamps shall not exceed 40 watts

Exemptions:

- Specialty Lamps including: appliance lamp, black light lamp, bug lamp, colored lamp, infrared lamp, left hand thread lamp, marine lamp, marine signal service lamp, mine service lamp, plant light lamp, reflector lamp, rough service lamp, shatter-resistant lamp, sign service lamp, silver bowl lamp, showcase lamp, 3-way incandescent lamp, traffic signal lamp, vibration service lamp
- G-shape lamp with a diameter of 5 inches or more
- T-shape lamp of 40 watts or less or a length of more than 10 inches
- B, BA, CA, F, G16½, G25, G30, S or M14 lamp of 40 watts or less

To identify the proper replacement for a 100A/SW, follow the steps below:

1. Identify Lamp Wattage: 100W
2. Note the maximum rated wattage for the replacement lamp: 72W

The replacement lamp must not exceed 72W.

2 General Service Incand. Reflector Lamps

Affected:

- BR, ER and BPAR lamps
- Reflector lamps between 2.25" (R18) and 2.75" (R22) in diameter
- Lamps that have a rated wattage of 40 watts or higher



Lamp Wattage	Lamp Type	Diameter	Voltage	Minimum LPW; LPW is derived from a formula based on lamp watts
40W-205W	Standard Spectrum	> 2.5" (PAR30, PAR38, BR30, BR40, ER30, ER40)	≥125 (130V)	6.8 x Lamp watts ^{0.27} 18.4 to 28.6 LPW
			<125 (120V)	5.9 x Lamp watts ^{0.27} 16.0 to 24.8 LPW
		> 2.25" & 2.5" (R20 & PAR20)	≥125 (130V)	5.7 x Lamp watts ^{0.27} 15.4 to 24.0 LPW
			<125 (130V)	5.0 x Lamp watts ^{0.27} 13.5 to 21.0 LPW
40W-205W	Modified Spectrum	Standards are approximately 17% less stringent than Standard Spectrum Lamps.		
Effective 7/14/2012				

Exemptions:

- BR30, BR40 and ER40 lamps rated at 65 watts (65BR30 and 65BR40 are exempt)
- ER30, BR30, BR40 and ER40 lamps rated at 50 watts or less
- R20 lamps rated at 45 watts or less

To identify the proper replacement for a H90PAR38FL2 follow the steps below:

1. Identify Lamp Wattage: 90W
2. Identify Lamp Type: Standard Spectrum
3. Identify Lamp Diameter: 4 ¾"
4. Identify Lamp Voltage: 120V

Based on the above product specifications, use following formula to calculate the minimum Lumens Per Watt:
 $5.9 \times (90 \text{ watts})^{0.27} = 19.9 \text{ LPW}$

The replacement lamp must have a minimum of 19.9 LPW.

3 General Service Fluorescent Lamps

Affected:

- 4' T5 miniature
- Select 4' and 8' T8s and T12s
- 2' U-shaped



Lamp Type	Correlated Color Temp. (Kelvin)	Lumens Per Watt (LPW)
4-Foot (T8 - T12) Medium Bi-Pin ≥25W	≤4500K	89
	>4500K and ≤7000K	88
2-Foot U-Shaped ≥25W	≤4500K	84
	>4500K and ≤7000K	81
8-Foot Slimline ≥52W	≤4500K	97
	>4500K and ≤7000K	93
8-Foot (T8 - T12) High Output	≤4500K	92
	>4500K and ≤7000K	88
4-Foot (T5) Miniature Bi-Pin Std. Output ≥26W	≤4500K	86
	>4500K and ≤7000K	81
4-Foot (T5) Miniature Bi-Pin Std. Output ≥49W	≤4500K	76
	>4500K and ≤7000K	72
Effective 7/14/2012		

Exemptions:

- Fluorescent lamps designed to promote plant growth
- Fluorescent lamps specifically designed for cold temperature installations
- Colored fluorescent lamps
- Impact-resistant fluorescent lamps
- Reflectorized or aperture lamps
- Fluorescent lamps designed for use in reprographic equipment
- Lamps primarily designed to produce radiation in the ultra-violet region of the spectrum
- Lamps with a color rendering index of 87 or greater

To identify the proper replacement for a F32T8/730/EW, follow the steps below:

1. Identify Lamp Type: 32W 4' T8 Medium Bi-Pin
2. Identify Color Temperature: 3000K
3. Lumens per watt: 89

The replacement lamp must have a minimum of 89 LPW.



What you need to know about EISA Compliant Options

There are 3 types of light sources that comply with energy efficiency standards set by EISA: Halogen, Compact Fluorescent and LED. The following chart illustrates the specifications of each EISA compliant option and how they compare to a standard 100W incandescent.

	Incandescent	Halogen	Compact Fluorescent	LED
Reference Model:	100A/SW	72A19SW/ECO	CF23C/WW/DM	LED14A19WW/D
ENERGY USED	100W	72W	23W	14W
		28% less energy used	77% less energy used	86% less energy used
BRIGHTNESS (LUMENS)	1500 lm	1490 lm	1600 lm	800 lm
		less than 1% lower lumen output	7% higher lumen output	47% less lumen output (60W equiv.)
LIFE (3 hour/day)	2000 hrs (1.8 years)	1000 hrs (0.9 years)	10,000 hrs (9.1 years)	25,000 hrs (22.8 years)
		50% shorter lamp life	5x longer lamp life	12.5x longer lamp life
RETAIL PRICE (per bulb)	\$0.70	\$2.50	\$5.00	\$20.00
		3.5x more	7x more	28.5x more
OPERATING COST (3 hours/day at \$0.11/kWh)	\$12.05/yr	\$8.67/yr	\$2.77/yr	\$1.69/yr
		Save \$3.38/yr	Save \$9.28/yr	Save \$10.36/yr
TOTAL COST OF OPERATION & LAMPS (Over 20 years)	\$248.00 Total Cost of Operation & Lamps (including replacements)	\$223.40 Total Cost of Operation & Lamps (including replacements)	\$65.40 Total Cost of Operation & Lamps (including replacements)	\$53.80 Total Cost of Operation & Lamps (including replacements)
		Net Savings: \$24.60	Net Savings: \$182.60	Net Savings: \$194.20
FULLY DIMMABLE	YES	YES Same	NO Only dims down to 10-20%	NO Only dims down to 10-20%
COLOR TEMPERATURE (CCT)	2700-2900K	2900K Same	2700-5000K Same and additional options available	2700-5000K Same and additional options available
COLOR RENDERING (CRI)	100	100 Same	80-82 20% lower	80 20% lower



Brighter
Moments
with **Standard
Incandescents**

BULBRITE®

Appliance

A15, Rough Service A19

- Appliance lamps are made with vibration resistant filaments held in place by 5 anchors to extend life
- A15 120V is designed with heat shield for maximum durability and life
- A15 lamps are ideal for refrigerators, freezers and ovens
- Rough Service lamps feature a heavy duty reinforced filament for increased durability and are ideal for restaurants and work areas



A15 Appliance 120V

FROST **CLEAR**
60A15F/120 60A15C/120



A15 Appliance 130V

FROST **CLEAR**
25A15F 25A15C
40A15F 40A15C
60A15F 60A15C



A19 Rough Service

60A/RS
75A/RS
100A/RS

For Low Voltage A15 alternatives, see pg 66; for True Daylight A19 alternatives see pg 50; for Shatter Resistant A15 & A19 alternatives, see pg 53; for LED A19 alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 22
25	A15	E26	104025	25A15F	130	24 / 120	Frost	140	2500	3 1/2"	4,5
			104125	25A15C	130	24 / 120	Clear	150	2500	3 1/2"	4,5
40	A15	E26	104040	40A15F	130	24 / 120	Frost	340	2500	3 1/2"	4,5
			104140	40A15C	130	24 / 120	Clear	340	2500	3 1/2"	4,5
60	A15	E26	104060	60A15F	130	24 / 120	Frost	600	2500	3 1/2"	4,5
			104160	60A15C	130	24 / 120	Clear	600	2500	3 1/2"	4,5
			104061	60A15F/120	120	24 / 120	Frost	600	2000	3 1/2"	4,7
			104161	60A15C/120	120	24 / 120	Clear	620	2000	3 1/2"	4,7
	A19	E26	107060	60A/RS	130	24 / 120	Frost Rough Service	450	4000	4 1/4"	4,5
75	A19	E26	107075	75A/RS	130	24 / 120	Frost Rough Service	650	4000	4 1/4"	4,5
100	A19	E26	107100	100A/RS	130	24 / 120	Frost Rough Service	900	4000	4 1/4"	4,5

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Fan A15, R16

- Made with vibration resistant filament for longer life
- Operates in any position
- Ideal for use in ceiling fans



standard



A15 Candelabra

E12

FROST

CLEAR

60A15F/E12

60A15C/E12

A15 Intermediate

E17

FROST

CLEAR

40A15F/E17

40A15C/E17

60A15F/E17

60A15C/E17



R16 Candelabra

E12

50R16/E12

R16 Intermediate

E17

50R16/E17

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 22
40	A15	E17	104240	40A15F/E17	130	24 / 120	Frost	340	2500	3 1/4"	4,5
			104241	40A15C/E17	130	24 / 120	Clear	340	2500	3 1/4"	4,5
50	R16	E17	210250	50R16/E17	130	24 / 120	Flood	305	4000	3 3/16"	4,5
		E12	210050	50R16/E12	130	24 / 120	Flood	305	4000	3 3/16"	4,5
60	A15	E17	104260	60A15F/E17	130	24 / 120	Frost	600	2500	3 1/4"	4,5
			104261	60A15C/E17	130	24 / 120	Clear	600	2500	3 1/4"	4,5
		E12	104360	60A15F/E12	130	24 / 120	Frost	600	2500	3 3/16"	4,5
			104361	60A15C/E12	130	24 / 120	Clear	600	2500	3 3/16"	4,5

Lumens and Average Hours for 130V lamps are measured on a 120V line.

BULBRITE®





General Service

A19 Soft White

- Emits a soft white light
- Ideal for standard residential and commercial applications



Product affected by EISA legislation, beginning January 1st of year noted. Only available while supplies last. See pg 64 for EISA compliant options.

standard



A19 Soft White

2-PACK

40A/W/RP
60A/W/RP
75A/W/RP
100A/W/RP

A19 Soft White

3-PACK

25A/SW
40A/SW
60A/SW
75A/SW
100A/SW

For Halogen alternatives, see pg 66; for CFL alternatives, see pg 113; for Specialty alternatives, see pg 48-53; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 22
25	A19	E26	112025	25A/SW	120	20 (3-PK) / 40 (3-PK)	Soft White	190	2000	4 1/4"	4
40	A19	E26	▲112040	40A/SW	120	20 (3-PK) / 40 (3-PK)	Soft White	490	2000	4 1/4"	3
			▲114040	40A/W/RP	120	12 (2-PK) / 12 (2-PK)	Soft White	470	1500	4 7/16"	M,3
60	A19	E26	▲112060	60A/SW	120	20 (3-PK) / 40 (3-PK)	Soft White	630	2000	4 1/4"	3
			▲114060	60A/W/RP	120	12 (2-PK) / 12 (2-PK)	Soft White	870	1000	4 7/16"	M,3
75	A19	E26	▲112075	75A/SW	120	20 (3-PK) / 40 (3-PK)	Soft White	1100	2000	4 1/4"	2
			▲114075	75A/W/RP	120	12 (2-PK) / 12 (2-PK)	Soft White	1180	750	4 7/16"	M,2
100	A19	E26	▲112100	100A/SW	120	20 (3-PK) / 40 (3-PK)	Soft White	1500	2000	4 1/4"	1
			▲114100	100A/W/RP	120	12 (2-PK) / 12 (2-PK)	Soft White	1710	750	4 7/16"	M,1

BULBRITE®

Bulbrite.com





Product affected by EISA legislation, beginning January 1st of year noted. Only available while supplies last. See pg 64 for EISA compliant options.

Long Life General Service A19, A21, A23, PS25, PS35

- Emits a soft white light
- Ideal for standard residential and commercial applications where a longer life is desired



A19 CLEAR 2-PACK		A19 FROST 2-PACK		A21 FROST 150A/HL	A23 FROST 200A/HL	PS25 FROST 300PS25	PS35 FROST 300PS35
25A/CL	75A/CL	25A	75A	A21 CLEAR 150A/CL/HL	A23 CLEAR 200A/CL/HL	PS25 CLEAR 300PS25CL	
40A/CL	100A/CL	40A	100A				
60A/CL		60A					

For Halogen A19 alternatives, see pg 66; for CFL A19 alternatives, see pg 113; for Specialty A19 alternatives, see pg 48-53; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 22
25	A19	E26	100025	25A	130	30 (2-PK) / 60 (2-PK)	Frost	125	4000	4 1/4"	4,5
			101025	25A/CL	130	30 (2-PK) / 60 (2-PK)	Clear	158	4000	4 1/4"	4,5
40	A19	E26	▲100040	40A	130	30 (2-PK) / 60 (2-PK)	Frost	280	4000	4 1/4"	3,5
			▲101040	40A/CL	130	30 (2-PK) / 60 (2-PK)	Clear	263	4000	4 1/4"	3,5
60	A19	E26	▲100060	60A	130	30 (2-PK) / 60 (2-PK)	Frost	555	4000	4 1/4"	3,5
			▲101060	60A/CL	130	30 (2-PK) / 60 (2-PK)	Clear	458	4000	4 1/4"	3,5
75	A19	E26	▲100075	75A	130	30 (2-PK) / 60 (2-PK)	Frost	743	4000	4 1/4"	2,5
			▲101075	75A/CL	130	30 (2-PK) / 60 (2-PK)	Clear	615	4000	4 1/4"	2,5
100	A19	E26	▲100100	100A	130	30 (2-PK) / 60 (2-PK)	Frost	1013	4000	4 1/4"	1,5
			▲101100	100A/CL	130	30 (2-PK) / 60 (2-PK)	Clear	825	4000	4 1/4"	1,5
150	A21	E26	100151	150A/HL	120	24 / 120	Frost	2600	750	5 1/2"	4
			101151	150A/CL/HL	120	24 / 120	Clear	2710	750	5 1/2"	4
200	A23	E26	100201	200A/HL	120	24 / 120	Frost	2780	2500	5 1/8"	4
			101201	200A/CL/HL	120	24 / 120	Clear	2900	2500	5 1/8"	4
300	PS25	E26	100300	300PS25	130	12 / 60	Frost	2720	6000	6 1/8"	4,5
			101300	300PS25CL	130	12 / 60	Clear	2720	6000	6 1/8"	4,5
	PS35	E39	100301	300PS35	130	12 / 24	Frost	3500	2500	9 3/8"	D,4,5

Lumens and Average Hours for 130V lamps are measured on a 120V line.





3-Way A19, A21, PS25

- Features 3 varying levels of light
- RP = Retail Pack
- Ideal for use in portable table lamps



A19

30/100

A21

30/100/RP
50/150
50/150/RP
50/250/RP

PS25

100/300/RP

For Halogen 3-Way alternatives, see pg 67; for CFL 3-Way alternatives, see pg 109; for True Daylight 3-Way alternatives, see pg 50.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 22
30/70/100	A19	E26	102100	30/100	120	24 / 120	Soft White	280/1035/1315	1200	4 1/4"	4
	A21	E26	102101	30/100/RP	120	12 / 12	Soft White	290/915/1205	1200	5 1/4"	M,4
50/100/150	A21	E26	102150	50/150	120	24 / 120	Soft White	580/1640/2220	1200	5"	4
			102151	50/150/RP	120	12 / 12	Soft White	620/1540/2160	1200	5 1/4"	M,4
50/200/250	A21	E26	102250	50/250/RP	120	6 / 12	Soft White	640/3300/3940	1200	5"	M,4
100/200/300	PS25	E39	102300	100/300/RP	120	6 / 12	Frost	1385/3540/4925	1200	6 3/4"	M,4



Colored Lamps

A19



Standard

- Available in transparent and ceramic colors
- Ceramic lamps feature heat resistant thermal paint to emit the most vibrant colors
- Ideal for signs, displays, amusement parks, and decorative lighting



* Lamps may vary in color when lit

* Lamps may vary in color when lit

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Average Hours	M.O.L.	Notes pg. 22
25	A19	E26	105325	25A/TB	120	24 / 120	Transparent Blue	2500	4 1/4"	4
			105425	25A/TG	120	24 / 120	Transparent Green	2500	4 1/4"	4
			105525	25A/TO	120	24 / 120	Transparent Orange	2500	4 1/4"	4
			105625	25A/TP	120	24 / 120	Transparent Pink	2500	4 1/4"	4
			105725	25A/TR	120	24 / 120	Transparent Red	2500	4 1/4"	4
			105825	25A/TY	120	24 / 120	Transparent Yellow	2500	4 1/4"	4
			106325	25A/CB	120	24 / 120	Ceramic Blue	2500	4 1/4"	4
			106425	25A/CG	120	24 / 120	Ceramic Green	2500	4 1/4"	4
			106525	25A/CO	120	24 / 120	Ceramic Orange	2500	4 1/4"	4
			106625	25A/CP	120	24 / 120	Ceramic Pink	2500	4 1/4"	4
			106725	25A/CR	120	24 / 120	Ceramic Red	2500	4 1/4"	4
			106825	25A/CY	120	24 / 120	Ceramic Yellow	2500	4 1/4"	4
40	A19	E26	106340	40A/CB	120	24 / 120	Ceramic Blue	2500	4 1/4"	4
			106440	40A/CG	120	24 / 120	Ceramic Green	2500	4 1/4"	4
			106540	40A/CO	120	24 / 120	Ceramic Orange	2500	4 1/4"	4
			106640	40A/CP	120	24 / 120	Ceramic Pink	2500	4 1/4"	4
			106740	40A/CR	120	24 / 120	Ceramic Red	2500	4 1/4"	4
			106840	40A/CY	120	24 / 120	Ceramic Yellow	2500	4 1/4"	4
60	A19	E26	106360	60A/CB	120	24 / 120	Ceramic Blue	2500	4 1/4"	4
			106460	60A/CG	120	24 / 120	Ceramic Green	2500	4 1/4"	4
			106560	60A/CO	120	24 / 120	Ceramic Orange	2500	4 1/4"	4
			106660	60A/CP	120	24 / 120	Ceramic Pink	2500	4 1/4"	4
			106760	60A/CR	120	24 / 120	Ceramic Red	2500	4 1/4"	4
			106860	60A/CY	120	24 / 120	Ceramic Yellow	2500	4 1/4"	4





Bug Lights

A19

- Yellow color does not attract insects
- Ideal for use in outdoor fixtures for parties, walkways, and porches



Yellow Bug Light

25A/YB
40A/YB
60A/YB
100A/YB

For CFL alternatives, see pg 113.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Average Hours	M.O.L.	Notes pg. 22
25	A19	E26	103025	25A/YB	130	24 / 120	Yellow Bug	2500	4 1/4"	4,5
40	A19	E26	103040	40A/YB	130	24 / 120	Yellow Bug	2500	4 1/4"	4,5
60	A19	E26	103060	60A/YB	130	24 / 120	Yellow Bug	2500	4 1/4"	4,5
100	A19	E26	103100	100A/YB	130	24 / 120	Yellow Bug	2500	4 1/4"	4,5

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Low & High Voltage

A15, A19



standard

- Heavy duty filaments
- 12V is ideal for retrofitting landscape fixtures and recreational vehicles
- 220V is ideal for any high voltage application



A15
12V (2-PACK)
15A15F/12



A19
12V (2-PACK)
25A19F/12
50A19F/12



A19
220V (2-PACK)
25A/220 75A/220
40A/220 100A/220
60A/220

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 22
15	A15	E26	110015	15A15F/12	12	12 (2-PK) / 60 (2-PK)	Frost	100	1000	3 ½"	4,6
25	A19	E26	110025	25A19F/12	12	12 (2-PK) / 60 (2-PK)	Frost	375	1000	4 ¼"	4,6
			120025	25A/220	220	12 (2-PK) / 60 (2-PK)	Frost	220	1000	4 ¼"	4,5
40	A19	E26	120040	40A/220	220	12 (2-PK) / 60 (2-PK)	Frost	400	1000	4 ¼"	4,5
50	A19	E26	110050	50A19F/12	12	12 (2-PK) / 60 (2-PK)	Frost	790	1000	4 ¼"	4,6
60	A19	E26	120060	60A/220	220	12 (2-PK) / 60 (2-PK)	Frost	680	1000	4 ¼"	4,5
75	A19	E26	120075	75A/220	220	12 (2-PK) / 60 (2-PK)	Frost	870	1000	4 ¼"	4,5
100	A19	E26	120100	100A/220	220	12 (2-PK) / 60 (2-PK)	Frost	1270	1000	4 ¼"	4,5

Lumens and Average Hours for 220V lamps are measured on a 120V line.



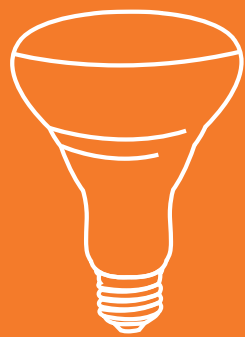


Standard Footnotes

M	Major Brand Product
D	Discontinued Item - Limited Quantity Available

- 1** This lamp will no longer be manufactured after January 1st, 2012 according to the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. For more information, visit www.bulbrite.com/EISA.
- 2** This lamp will no longer be manufactured after January 1st, 2013 according to the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. For more information, visit www.bulbrite.com/EISA.
- 3** This lamp will no longer be manufactured after January 1st, 2014 according to the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. For more information, visit www.bulbrite.com/EISA.
- 4** This lamp is exempt from the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. Exemptions subject to change. For more information, visit www.bulbrite.com/EISA.
- 5** This lamp has a design voltage other than 120V. When operated on a 120V line, average hours (lamp life) is extended approximately 2 times and lumens (brightness) is reduced by approximately 20%.
- 6** This lamp is designed to operate at a voltage other than 120V. To ensure proper operation of the lamp, use the appropriate fixtures for the designated lamp voltage.
- 7** The maximum operating temperature of this lamp is 300°C (572°F). The life of the lamp is 1500 hours when operated in an environment up to 300°C (572°F). The life of the lamp is 2500 hours when operated in an environment up to 210°C (410°F).

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **Reflectors**

BULBRITE®



Mini-Reflectors

R12, R14, R16

- Ideal for dramatic accent and display lighting as well as general applications



R12
Elevator Lamp (S.C. Bay.)
1383



R14
Intermediate (E17)
25R14N
40R14N



R14
European (E14)
40R14/E14



R14
Medium (E26)
25R14
40R14



R16 Fan
Candelabra (E12)
50R16/E12



R16 Fan
Intermediate (E17)
50R16/E17



R16
Intermediate (E17)
40R16N



R16
Medium (E26)
40R16

For R12 1383 Shatter Resistant alternatives, see pg 53; for LED 1383 alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 28
19.5	R12	BA15s	752530	1383	13	10 / 10	Flood	135	83	300	2 9/16"	1,3
25	R14	E17	201025	25R14N	120	25 / 250	Flood	180	32	1500	2 1/2"	1
		E26	200025	25R14	120	25 / 250	Flood	180	22	1500	2 1/8"	1
40	R14	E17	201040	40R14N	120	25 / 250	Flood	340	62	1500	2 1/2"	1
		E14	208040	40R14/E14	130	25 / 250	Flood	280	36	4000	2 5/8"	1,2
		E26	200040	40R14	120	25 / 250	Flood	340	51	1500	2 1/8"	1
	R16	E17	211040	40R16N	120	25 / 250	Flood	380	68	1500	3 1/8"	1
		E26	210040	40R16	120	25 / 250	Flood	380	35	1500	3 3/8"	1
50	R16	E12	210050	50R16/E12	130	24 / 120	Flood	305	80	4000	3 3/16"	1,2
		E17	210250	50R16/E17	130	24 / 120	Flood	305	83	4000	3 3/16"	1,2

Lumens and Average hours for 130V lamps are measured on a 120V line.



Reflectors

R20



reflector

- Ideal for indoor residential and commercial use in recessed and track lighting



R20 Spot

120V

45R20SP2

130V

45R20SP3



R20 Flood

120V

30R20FL2

45R20FL2

130V

30R20FL3

45R20FL3



R20 Colors



AMBER
50R20A



BLUE
50R20B



GREEN
50R20G



PINK
50R20P



RED
50R20R

* Lamps may vary in color when lit

For Halogen alternatives, see page 68; for CFL alternatives, see pg 110; for Specialty alternatives, see pg 51-53;
for LED PAR alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 28
30	R20	E26	220030	30R20FL3	130	25 / 200	Flood	150	32	4000	4"	1,2
			292003	30R20FL2	120	25 / 200	Flood	200	57	2000	4"	1
45	R20	E26	220045	45R20FL3	130	25 / 200	Flood	300	97	4000	4"	1,2
			292004	45R20FL2	120	25 / 200	Flood	380	143	2000	4"	1
			221045	45R20SP3	130	25 / 200	Spot	300	199	5000	3 7/8"	1,2
			292104	45R20SP2	120	25 / 200	Spot	380	368	2000	3 7/8"	1
50	R20	E26	222050	50R20A	120	12 / 96	Amber W. Flood	-	-	2000	4"	1
			223050	50R20B	120	12 / 96	Blue W. Flood	-	-	2000	4"	1
			224050	50R20G	120	12 / 96	Green W. Flood	-	-	2000	4"	1
			226050	50R20P	120	12 / 96	Pink W. Flood	-	-	2000	4"	1
			227050	50R20R	120	12 / 96	Red W. Flood	-	-	2000	4"	1



Reflectors

BR30, BR40, Heat Lamps

- Ideal for indoor residential and commercial use in recessed and track lighting



BR30 Spot 120V	BR30 Flood 120V
65BR30SP2	50BR30FL2
	65BR30FL2
130V	130V
65BR30SP3	50BR30FL3
	65BR30FL3
	120V (2-PACK)
	65BR30FL2/2P
	130V (2-PACK)
	65BR30FL3/2P

BR30 COLORS	
	
AMBER 75BR30A	BLUE 75BR30B
	
RED 75BR30R	GREEN 75BR30G
	
PINK 75BR30P	

* Lamps may vary in color when lit

BR40 120V
65BR40FL2
130V
65BR40FL3

BR40 Heat Lamp CLEAR
250BR40H

BR40 Heat Lamp RED
250BR40HR

For Halogen alternatives, see pg 68; for CFL alternatives, see pg 110-111; for Specialty alternatives, see pg 51-53; for LED PAR alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 28
50	BR30	E26	248005	50BR30FL3	130	12 / 48	Flood	285	152	5800	5 1/8"	Ⓔ,1,2
			294805	50BR30FL2	120	12 / 48	Flood	380	129	2000	5 1/8"	Ⓔ,1
65	BR30	E26	248006	65BR30FL3	130	12 / 48	Flood	457	146	5800	5 1/8"	Ⓔ,1,2
			248026	65BR30FL3/2P	130	30 (2-PK) / 30 (2-PK)	Flood	457	146	5800	5 1/8"	Ⓔ,1,2
			294806	65BR30FL2	120	12 / 48	Flood	610	257	2000	5 1/8"	Ⓔ,1
			294826	65BR30FL2/2P	120	30 (2-PK) / 30 (2-PK)	Flood	610	257	2000	5 1/8"	Ⓔ,1
			248106	65BR30SP3	130	12 / 48	Spot	457	457	5800	5 1/8"	Ⓔ,1,2
			294816	65BR30SP2	120	12 / 48	Spot	610	431	2000	5 1/8"	Ⓔ,1
	BR40	E26	258006	65BR40FL3	130	12 / 24	Flood	480	173	4000	6 1/2"	Ⓔ,1,2
			295806	65BR40FL2	120	12 / 24	Flood	640	247	2000	6 1/2"	Ⓔ,1
75	BR30	E26	242075	75BR30A	120	12 / 48	Amber W. Flood	-	-	2000	5 1/8"	1
			243075	75BR30B	120	12 / 48	Blue W. Flood	-	-	2000	5 1/8"	1
			244075	75BR30G	120	12 / 48	Green W. Flood	-	-	2000	5 1/8"	1
			246075	75BR30P	120	12 / 48	Pink W. Flood	-	-	2000	5 1/8"	1
			247075	75BR30R	120	12 / 48	Red W. Flood	-	-	2000	5 1/8"	1
250	BR40	E26	714025	250BR40H	130	1 / 12	Clear Heat Lamp	-	5000	6 1/2"	5 1/8"	1,2
			714125	250BR40HR	130	1 / 12	Red Heat Lamp	-	5000	6 1/2"	5 1/8"	1,2

The Ⓔ means this bulb meets Federal minimum efficiency standards.

BULBRITE®

Bulbrite.com

Sealed Beam, Side & End Prong PAR36, PAR38, PAR46, PAR56, PAR64

- Wide range of beam spreads available for a variety of applications
- Ideal for landscape and commercial use



reflector



PAR36
M-P Screw Terminal
4414 4515
25PAR36NSP 50PAR36VNS
25PAR36WFL 50PAR36NSP
25PAR36VWF 50PAR36WFL



PAR38
Side Prong
75PAR/3FL
150PAR/3FL
150PAR/3SP



PAR46
Side Prong
200PAR/3NS
200PAR/3MF



PAR56
End Prong
300PAR/NSP
300PAR/MFL
300PAR/WFL

PAR64
End Prong
500PAR/NSP
500PAR/MFL
500PAR/WFL

For Halogen Sealed Beam alternatives, see pg 84.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 28
18	PAR36	Screw Term.	674414	4414	13	1 / 12	Spot	-	300	1500	2 3/4"	M,1,3
25	PAR36	Screw Term.	677225	25PAR36NSP	12	1 / 12	Narrow Spot	150	2000	2600	2 3/4"	M,1,3
			677125	25PAR36WFL	12	1 / 12	Wide Flood	150	2000	360	2 3/4"	M,1,3
			677025	25PAR36VWF	12	1 / 12	V. Wide Flood	150	2000	160	2 3/4"	M,1,3
30	PAR36	Screw Term.	674515	4515	6	1 / 12	Spot	-	100	55,000	2 3/4"	M,1,3
50	PAR36	Screw Term.	674150	50PAR36VNS	12	1 / 12	V. Narrow Spot	330	2000	19,000	2 3/4"	M,1,3
			674250	50PAR36NSP	12	1 / 12	Narrow Spot	330	2000	11,000	2 3/4"	M,1,3
			674350	50PAR36WFL	12	1 / 12	Wide Flood	330	2000	900	2 3/4"	M,1,3
65	PAR38	Side Prong	269070	75PAR/3FL	120	1 / 12	Flood	675	2000	1750	4 5/16"	M,1
120	PAR38	Side Prong	269151	150PAR/3SP	120	1 / 12	Spot	1740	2000	12,000	4 5/16"	M,1
			269150	150PAR/3FL	120	1 / 12	Flood	1370	2000	3600	4 5/16"	M,1
200	PAR46	Side Prong	269200	200PAR/3NS	120	1 / 12	Narrow Spot	2270	2000	31,000	4"	M,1
			269201	200PAR/3MF	120	1 / 12	Med. Flood	2270	2000	11,500	4"	M,1
300	PAR56	End Prong	269300	300PAR/NSP	120	1 / 12	Narrow Spot	3840	2000	68,000	5"	M,1
			269301	300PAR/MFL	120	1 / 12	Med. Flood	3840	2000	24,000	5"	M,1
			269302	300PAR/WFL	120	1 / 12	Wide Flood	3840	2000	11,000	5"	M,1
500	PAR64	End Prong	269500	500PAR/NSP	120	1 / 6	Narrow Spot	6500	2000	11,000	6"	M,1
			269501	500PAR/MFL	120	1 / 6	Med. Flood	6500	2000	37,000	6"	M,1
			269502	500PAR/WFL	120	1 / 6	Wide Flood	6500	2000	13,000	6"	M,1



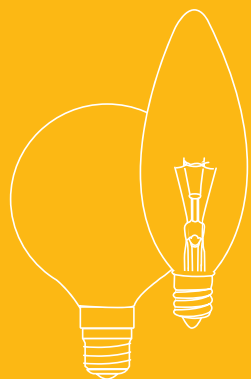


Reflector Footnotes

M	Major Brand
E	Bulb meets Federal minimum efficiency standards

- 1 This lamp is exempt from the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. Exemptions subject to change. For more information, visit www.bulbrite.com/EISA.
- 2 This lamp has a design voltage other than 120V. When operated on a 120V line, average hours (lamp life) is extended approximately 2 times and lumens (brightness) is reduced by approximately 20%.
- 3 This lamp is designed to operate at a voltage other than 120V. To ensure proper operation of the lamp, use the appropriate fixtures for the designated lamp voltage.

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **Globe &
Chandelier**



BULBRITE®

Globe - Candelabra Base

G9, G12

- Available in clear, white, and transparent colors
- Ideal for commercial and decorative lighting in amusement parks, signs, and displays



G9
MATTE WHITE
10G9WH



G12
WHITE
10G12WH
15G12WH
25G12WH



G12
CLEAR
10G12CL
15G12CL
25G12CL
40G12CL



G12
TRANSPARENT
COLORS



AMBER
10G12A



BLUE
10G12B



PINK
10G12P



RED
10G12R



GREEN
10G12G

* Lamps may vary in color when lit

For Krystal Touch® G11 alternatives, see pg 96.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
10	G9	E12	300005	10G9WH	130	25 / 500	Matte White	50	2500	1 7/8"	3,4
	G12	E12	300010	10G12WH	130	25 / 500	White	41	2500	2 3/8"	3,4
			301010	10G12CL	130	25 / 500	Clear	58	2500	2 3/8"	3,4
			302010	10G12A	130	25 / 500	Transparent Amber	-	2500	2 3/8"	3,4
			303010	10G12B	130	25 / 500	Transparent Blue	-	2500	2 3/8"	3,4
			304010	10G12G	130	25 / 500	Transparent Green	-	2500	2 3/8"	3,4
			305010	10G12P	130	25 / 500	Transparent Pink	-	2500	2 3/8"	3,4
			306010	10G12R	130	25 / 500	Transparent Red	-	2500	2 3/8"	3,4
15	G12	E12	300015	15G12WH	130	25 / 500	White	85	2500	2 3/8"	3,4
			301015	15G12CL	130	25 / 500	Clear	105	2500	2 3/8"	3,4
25	G12	E12	300025	25G12WH	130	25 / 500	White	175	2500	2 3/8"	3,4
			301025	25G12CL	130	25 / 500	Clear	180	2500	2 3/8"	3,4
40	G12	E12	301040	40G12CL	130	25 / 500	Clear	325	2500	2 3/8"	3,4

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Globe - Candelabra Base

G16½

- Ideal for residential use in vanity and home décor lighting



G16½ MATTE WHITE 130V

15G16WHF
25G16WHF
40G16WHF
60G16WHF

G16½ WHITE

120V	130V
15G16WH2	15G16WH3
25G16WH2	25G16WH3
40G16WH2	40G16WH3
60G16WH2	60G16WH3

G16½ CLEAR

120V	130V
15G16CL2	15G16CL3
25G16CL2	25G16CL3
40G16CL2	40G16CL3
60G16CL2	60G16CL3

For Specialty alternatives, see pgs 49, 60; for Krystal Touch® G16½ alternatives, see pg 96.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
15	G16 ½	E12	310115	15G16WH3	130	25 / 500	White	95	3000	2 ¾"	3,4
			391015	15G16WH2	120	25 / 500	White	100	2500	2 ¾"	3
			310015	15G16WHF	130	25 / 500	Matte White	73	3000	2 ¾"	D,3,4
			311015	15G16CL3	130	25 / 500	Clear	102	3000	2 ¾"	3,4
			391115	15G16CL2	120	25 / 500	Clear	105	2500	2 ¾"	3
25	G16 ½	E12	310125	25G16WH3	130	25 / 500	White	155	3000	2 ¾"	3,4
			391025	25G16WH2	120	25 / 500	White	168	2500	2 ¾"	3
			310025	25G16WHF	130	25 / 500	Matte White	150	3000	2 ¾"	D,3,4
			311025	25G16CL3	130	25 / 500	Clear	160	3000	2 ¾"	3,4
			391125	25G16CL2	120	25 / 500	Clear	175	2500	2 ¾"	3
40	G16 ½	E12	310140	40G16WH3	130	25 / 500	White	320	3000	2 ¾"	3,4
			391040	40G16WH2	120	25 / 500	White	335	2500	2 ¾"	3
			310040	40G16WHF	130	25 / 500	Matte White	300	3000	2 ¾"	D,3,4
			311040	40G16CL3	130	25 / 500	Clear	325	3000	2 ¾"	3,4
			391140	40G16CL2	120	25 / 500	Clear	340	2500	2 ¾"	3
60	G16 ½	E12	310160	60G16WH3	130	25 / 500	White	560	3000	2 ¾"	3,4
			391060	60G16WH2	120	25 / 500	White	580	2500	2 ¾"	3
			310060	60G16WHF	130	25 / 500	Matte White	530	3000	2 ¾"	D,3,4
			311060	60G16CL3	130	25 / 500	Clear	540	3000	2 ¾"	3,4
			391160	60G16CL2	120	25 / 500	Clear	615	2500	2 ¾"	3

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Globe - Medium Base

G16½, G19

Product affected by
EISA legislation, beginning
January 1st of year noted.
Only available while supplies last.
See pg 12 for EISA compliant options.



- Ideal for residential use in vanity and home décor lighting



G16½ WHITE

25G16EWH
40G16EWH
60G16EWH

G16½ CLEAR

25G16ECL
40G16ECL
60G16ECL

G19 WHITE

25G19WH
40G19WH
60G19WH

G19 CLEAR

25G19CL
40G19CL
60G19CL

For Specialty alternatives, see pgs 49, 60; for LED G16 & G19 alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
25	G16½	E26	310225	25G16EWH	125	25 / 250	White	160	2500	2 ⅞"	3,4
			311225	25G16ECL	125	25 / 250	Clear	170	2500	2 ⅞"	3,4
	G19	E26	320025	25G19WH	125	25 / 250	White	160	2500	3 ½"	3,4
			321025	25G19CL	125	25 / 250	Clear	175	2500	3 ½"	3,4
40	G16½	E26	310240	40G16EWH	125	25 / 250	White	310	2500	2 ⅞"	3,4
			311240	40G16ECL	125	25 / 250	Clear	330	2500	2 ⅞"	3,4
	G19	E26	▲320040	40G19WH	125	25 / 250	White	325	2500	3 ½"	2,4
			▲321040	40G19CL	125	25 / 250	Clear	340	2500	3 ½"	2,4
60	G16½	E26	▲310260	60G16EWH	125	25 / 250	White	615	2500	2 ⅞"	2,4
			▲311260	60G16ECL	125	25 / 250	Clear	650	2500	2 ⅞"	2,4
	G19	E26	▲320060	60G19WH	125	25 / 250	White	550	2500	3 ½"	2,4
			▲321060	60G19CL	125	25 / 250	Clear	550	2500	3 ½"	2,4

Lumens and Average Hours for 125V lamps are measured on a 120V line.

BULBRITE®

Bulbrite.com





Product affected by
EISA legislation, beginning
January 1st of year noted.
Only available while supplies last.
See pg 12 for EISA compliant options.

Globe - Medium Base

G25, G30, G40

- Ideal for general residential applications



G25 CLEAR

120V	130V
25G25CL2	25G25CL3
40G25CL2	40G25CL3
60G25CL2	60G25CL3
100G25CL2	

G40 CLEAR

25G40CL	100G40CL
40G40CL	150G40CL
60G40CL	



G25 WHITE

120V	130V
25G25WH2	25G25WH3
40G25WH2	40G25WH3
60G25WH2	60G25WH3
100G25WH2	100G25WH3

G30 WHITE

25G30WH
40G30WH
60G30WH
100G30WH

G40 WHITE

25G40WH	100G40WH
40G40WH	150G40WH
60G40WH	

For CFL G25 & G30 alternatives, see pg 114; for Specialty alternatives, see pgs 49, 60.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
25	G25	E26	330025	25G25WH3	130	24 / 120	White	160	3000	4 3/8"	3,4
			393002	25G25WH2	120	24 / 120	White	180	2500	4 3/8"	3
			331025	25G25CL3	130	24 / 120	Clear	180	3000	4 3/8"	3,4
			393102	25G25CL2	120	24 / 120	Clear	185	2500	4 3/8"	3
	G30	E26	340025	25G30WH	125	12 / 96	White	175	3000	5 1/8"	3,4
	G40	E26	350025	25G40WH	125	12 / 24	White	160	3000	6 3/4"	3,4
			351025	25G40CL	125	12 / 24	Clear	180	3000	6 3/4"	3,4
40	G25	E26	330040	40G25WH3	130	24 / 120	White	290	3000	4 3/8"	3,4
			393004	40G25WH2	120	24 / 120	White	360	2500	4 3/8"	3
			331040	40G25CL3	130	24 / 120	Clear	320	3000	4 3/8"	3,4
			393104	40G25CL2	120	24 / 120	Clear	400	2500	4 3/8"	3
	G30	E26	340040	40G30WH	125	12 / 96	White	355	3000	5 1/8"	3,4
	G40	E26	350040	40G40WH	125	12 / 24	White	335	3000	6 3/4"	3,4
			351040	40G40CL	125	12 / 24	Clear	355	3000	6 3/4"	3,4
60	G25	E26	▲330060	60G25WH3	130	24 / 120	White	560	3000	4 3/8"	2,4
			▲393006	60G25WH2	120	24 / 120	White	630	2500	4 3/8"	2
			▲331060	60G25CL3	130	24 / 120	Clear	610	3000	4 3/8"	2,4
			▲393106	60G25CL2	120	24 / 120	Clear	675	2500	4 3/8"	2
	G30	E26	▲340060	60G30WH	125	12 / 96	White	640	3000	5 1/8"	2,4
	G40	E26	350060	60G40WH	125	12 / 24	White	535	3000	6 3/4"	3,4
			351060	60G40CL	125	12 / 24	Clear	565	3000	6 3/4"	3,4
100	G25	E26	▲330100	100G25WH3	130	24 / 120	White	975	3000	4 3/8"	1,4
			▲393010	100G25WH2	120	24 / 120	White	1150	2500	4 3/8"	1
			▲393110	100G25CL2	120	24 / 120	Clear	1230	2500	4 3/8"	1
	G30	E26	▲340100	100G30WH	125	12 / 96	White	950	3000	5 1/8"	1,4
	G40	E26	350100	100G40WH	125	12 / 24	White	950	3000	6 3/4"	3,4
			351100	100G40CL	125	12 / 24	Clear	990	3000	6 3/4"	3,4
150	G40	E26	350150	150G40WH	125	12 / 24	White	1655	3000	6 3/4"	3,4
			351150	150G40CL	125	12 / 24	Clear	1735	3000	6 3/4"	3,4

Lumens and Average Hours for 125/130V lamps are measured on a 120V line.



Torpedo - 25mm

B8

- Slender shape and soft white light highlights any area for a classic atmosphere
- 25mm diameter ideal for small chandeliers
- Ideal for decorative lighting in homes and commercial areas



B8 Torpedo (25mm) CLEAR

120V	130V
15CTC/25/2	5CTC/25/3
25CTC/25/2	15CTC/25/3
40CTC/25/2	25CTC/25/3
	40CTC/25/3

B8 Torpedo (25mm) FROST

120V	130V
15CTF/25/2	15CTF/25/3
25CTF/25/2	25CTF/25/3
40CTF/25/2	40CTF/25/3

For Krystal Touch® alternatives, see pg 97; for CFL alternatives, see pg 114; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
5	B8	E12	400105	5CTC/25/3	130	25 / 500	Clear	30	2500	3 1/8"	4,5
15	B8	E12	400115	15CTC/25/3	130	25 / 500	Clear	75	2500	3 1/8"	4,5
			490115	15CTC/25/2	120	25 / 500	Clear	100	1500	3 1/8"	4
			401115	15CTF/25/3	130	25 / 500	Frost	67	2500	3 1/8"	4,5
			491115	15CTF/25/2	120	25 / 500	Frost	71	1500	3 1/8"	4
25	B8	E12	400125	25CTC/25/3	130	25 / 500	Clear	170	2500	3 1/8"	4,5
			490125	25CTC/25/2	120	25 / 500	Clear	190	1500	3 1/8"	4
			401125	25CTF/25/3	130	25 / 500	Frost	165	2500	3 1/8"	4,5
			491125	25CTF/25/2	120	25 / 500	Frost	175	1500	3 1/8"	4
40	B8	E12	400140	40CTC/25/3	130	25 / 500	Clear	345	2500	3 1/8"	4,5
			490140	40CTC/25/2	120	25 / 500	Clear	365	1500	3 1/8"	4
			401140	40CTF/25/3	130	25 / 500	Frost	320	2500	3 1/8"	4,5
			491140	40CTF/25/2	120	25 / 500	Frost	350	1500	3 1/8"	4

Lumens and Average Hours for 130V lamps are measured on a 120V line.

Torpedo - 32mm

B10

- Slender shape and soft white light highlights any area for a classic atmosphere
- 32mm diameter ideal for standard size chandeliers
- Ideal for decorative lighting in homes and commercial areas



B10 Torpedo (32mm) WHITE

130V
25CTW/32/3
40CTW/32/3
60CTW/32/3

B10 Torpedo (32mm) FROST

120V **130V**
25CTF/32/2 25CTF/32/3
40CTF/32/2 40CTF/32/3
60CTF/32/2 60CTF/32/3

B10 Torpedo (32mm) CLEAR

120V **130V**
25CTC/32/2 5CTC/32/3
40CTC/32/2 25CTC/32/3
60CTC/32/2 40CTC/32/3
60CTC/32/3

For Krystal Touch® alternatives, see pg 97; for CFL alternatives, see pg 114; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
5	B10	E12	400005	5CTC/32/3	130	25 / 500	Clear	30	2500	3 7/8"	4,5
25	B10	E12	402025	25CTW/32/3	130	25 / 500	White	155	2500	3 7/8"	4,5
			400025	25CTC/32/3	130	25 / 500	Clear	170	2500	3 7/8"	4,5
			490025	25CTC/32/2	120	25 / 500	Clear	190	1500	3 7/8"	4
			401025	25CTF/32/3	130	25 / 500	Frost	165	2500	3 7/8"	4,5
			491025	25CTF/32/2	120	25 / 500	Frost	175	1500	3 7/8"	4
40	B10	E12	402040	40CTW/32/3	130	25 / 500	White	310	2500	3 7/8"	4,5
			400040	40CTC/32/3	130	25 / 500	Clear	345	2500	3 7/8"	4,5
			490040	40CTC/32/2	120	25 / 500	Clear	365	1500	3 7/8"	4
			401040	40CTF/32/3	130	25 / 500	Frost	320	2500	3 7/8"	4,5
			491040	40CTF/32/2	120	25 / 500	Frost	350	1500	3 7/8"	4
60	B10	E12	402060	60CTW/32/3	130	25 / 500	White	565	2500	3 7/8"	4,5
			400060	60CTC/32/3	130	25 / 500	Clear	610	2500	3 7/8"	4,5
			490060	60CTC/32/2	120	25 / 500	Clear	615	1500	3 7/8"	4
			401060	60CTF/32/3	130	25 / 500	Frost	575	2500	3 7/8"	4,5
			491060	60CTF/32/2	120	25 / 500	Frost	590	1500	3 7/8"	4

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Flame – Candelabra Base

CA5, CA7, CA8

- Imitates the shape of a flame for a classic look
- Smaller diameter ideal for mini chandeliers
- Ideal for decorative lighting in homes and commercial areas



CA5 Flame (15mm)

CLEAR 130V	FROST 130V	YELLOW TIP 130V
7.5CFC/15/3	7.5CFF/15/3	7.5CFFY/15/3

CA7 Flame (20mm)

FROST 130V	CLEAR 130V
10CFF/20/3	10CFC/20/3

CA8 Flame (25mm)

FROST 120V	CLEAR 120V
15CFF/25/2	15CFC/25/2
25CFF/25/2	25CFC/25/2
40CFF/25/2	40CFC/25/2
130V	130V
15CFF/25/3	15CFC/25/3
25CFF/25/3	25CFC/25/3
40CFF/25/3	40CFC/25/3

For Krystal Touch® alternatives, see pg 97; for CFL alternatives, see pg 114; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
7.5	CA5	E12	403307	7.5CFC/15/3	130	25 / 500	Clear	39	2500	2 7/8"	4,5
			404307	7.5CFF/15/3	130	25 / 500	Frost	37	2500	2 7/8"	4,5
			404317	7.5CFFY/15/3	130	25 / 500	Yellow	37	2500	2 7/8"	4,5
10	CA7	E12	403210	10CFC/20/3	130	25 / 500	Clear	58	2500	3"	4,5
			404210	10CFF/20/3	130	25 / 500	Frost	55	2500	3"	4,5
15	CA8	E12	403115	15CFC/25/3	130	25 / 500	Clear	75	2500	3 1/2"	4,5
			493115	15CFC/25/2	120	25 / 500	Clear	100	1500	3 1/2"	4
			404115	15CFF/25/3	130	25 / 500	Frost	67	2500	3 1/2"	4,5
			494115	15CFF/25/2	120	25 / 500	Frost	71	1500	3 1/2"	4
25	CA8	E12	403125	25CFC/25/3	130	25 / 500	Clear	158	2500	3 1/2"	4,5
			493125	25CFC/25/2	120	25 / 500	Clear	190	1500	3 1/2"	4
			404125	25CFF/25/3	130	25 / 500	Frost	158	2500	3 1/2"	4,5
			494125	25CFF/25/2	120	25 / 500	Frost	175	1500	3 1/2"	4
40	CA8	E12	403140	40CFC/25/3	130	25 / 500	Clear	330	2500	3 1/2"	4,5
			493140	40CFC/25/2	120	25 / 500	Clear	365	1500	3 1/2"	4
			404140	40CFF/25/3	130	25 / 500	Frost	330	2500	3 1/2"	4,5
			494140	40CFF/25/2	120	25 / 500	Frost	350	1500	3 1/2"	4

Lumens and Average Hours for 130V lamps are measured on a 120V line.

Flame – Candelabra Base

CA10

- Imitates the shape of a flame for a classic look
- 32mm diameter ideal for standard size chandeliers
- Ideal for decorative lighting in homes and commercial areas



CA10 Flame (32mm) CLEAR

120V	130V
25CFC/32/2	25CFC/32/3
40CFC/32/2	40CFC/32/3
60CFC/32/2	60CFC/32/3

CA10 Flame (32mm) FROST

120V	130V
25CFF/32/2	25CFF/32/3
40CFF/32/2	40CFF/32/3
60CFF/32/2	60CFF/32/3

For Krystal Touch® alternatives, see pg 97; for CFL alternatives, see page 114; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
25	CA10	E12	403025	25CFC/32/3	130	25 / 500	Clear	158	2500	4"	4,5
			493025	25CFC/32/2	120	25 / 500	Clear	190	1500	4"	4
			404025	25CFF/32/3	130	25 / 500	Frost	145	2500	4"	4,5
			494025	25CFF/32/2	120	25 / 500	Frost	175	1500	4"	4
40	CA10	E12	403040	40CFC/32/3	130	25 / 500	Clear	330	2500	4"	4,5
			493040	40CFC/32/2	120	25 / 500	Clear	365	1500	4"	4
			404040	40CFF/32/3	130	25 / 500	Frost	310	2500	4"	4,5
			494040	40CFF/32/2	120	25 / 500	Frost	350	1500	4"	4
60	CA10	E12	403060	60CFC/32/3	130	25 / 500	Clear	600	2500	4"	4,5
			493060	60CFC/32/2	120	25 / 500	Clear	615	1500	4"	4
			404060	60CFF/32/3	130	25 / 500	Frost	580	2500	4"	4,5
			494060	60CFF/32/2	120	25 / 500	Frost	590	1500	4"	4

Lumens and Average hours for 130V lamps are measured on a 120V line.

BULBRITE®



Torpedo & Flame - Medium Base

B10, CA10

Product affected by
EISA legislation, beginning
January 1st of year noted.
Only available while supplies last.
See pg 12 for EISA compliant options.



- Torpedo and flame shapes emit a soft white light that highlights an area for a classic atmosphere
- Ideal for decorative lighting in homes and commercial areas



B10 Torpedo (32mm) CLEAR

120V	130V
25ETC/2	25ETC/3
40ETC/2	40ETC/3
60ETC/2	60ETC/3

B10 Torpedo (32mm) FROST

120V	130V
25ETF/2	25ETF/3
40ETF/2	40ETF/3
60ETF/2	60ETF/3

CA10 Flame (32mm) CLEAR

120V	130V
40EFC/2	25EFC/3
60EFC/2	40EFC/3
	60EFC/3

CA10 Flame (32mm) FROST

120V	130V
60EFF/2	25EFF/3
	40EFF/3
	60EFF/3

For Krystal Touch® alternatives, see pg 97; for CFL alternatives, see pg 114; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
25	B10	E26	405025	25ETC/3	130	25 / 500	Clear	170	2500	3 7/8"	4,5
			495025	25ETC/2	120	25 / 500	Clear	190	1500	3 7/8"	4
			406025	25ETF/3	130	25 / 500	Frost	165	2500	3 7/8"	4,5
			496025	25ETF/2	120	25 / 500	Frost	175	1500	3 7/8"	4
	CA10	E26	408025	25EFC/3	130	25 / 500	Clear	158	2500	4"	4,5
			409025	25EFF/3	130	25 / 500	Frost	145	2500	4"	4,5
40	B10	E26	405040	40ETC/3	130	25 / 500	Clear	345	2500	3 7/8"	4,5
			495040	40ETC/2	120	25 / 500	Clear	365	1500	3 7/8"	4
			406040	40ETF/3	130	25 / 500	Frost	320	2500	3 7/8"	4,5
			496040	40ETF/2	120	25 / 500	Frost	350	1500	3 7/8"	4
	CA10	E26	408040	40EFC/3	130	25 / 500	Clear	330	2500	4"	4,5
			498040	40EFC/2	120	25 / 500	Clear	365	1500	4"	4
			409040	40EFF/3	130	25 / 500	Frost	310	2500	4"	4,5
60	B10	E26	▲ 405060	60ETC/3	130	25 / 500	Clear	550	1500	3 7/8"	3,5
			▲ 495060	60ETC/2	120	25 / 500	Clear	550	1500	3 7/8"	3
			▲ 406060	60ETF/3	130	25 / 500	Frost	415	2500	3 7/8"	3,5
			▲ 496060	60ETF/2	120	25 / 500	Frost	590	1500	3 7/8"	3
	CA10	E26	▲ 408060	60EFC/3	130	25 / 500	Clear	600	2500	4"	3,5
			▲ 498060	60EFC/2	120	25 / 500	Clear	615	1500	4"	3
			▲ 409060	60EFF/3	130	25 / 500	Frost	440	2500	4"	3,5
			▲ 499060	60EFF/2	120	25 / 500	Frost	590	1500	4"	3

Lumens and Average Hours for 130V lamps are measured on a 120V line.

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Torpedo & Flame - Candelabra and European Base

B10, CA10 - 130V, 220V

- 220V ideal for high voltage applications
- Ideal for decorative lighting in homes and commercial areas



B10 Torpedo European Base (E14)

CLEAR 130V	FROST 130V
25CTC/E14	25CTF/E14
40CTC/E14	40CTF/E14
60CTC/E14	60CTF/E14

B10 Torpedo High Voltage (E14)

CLEAR 220V
25CTC/E14/HV
40CTC/E14/HV
60CTC/E14/HV

B10 Torpedo High Voltage (E12)

CLEAR 220V
25CTC/HV
40CTC/HV
60CTC/HV

CA10 Flame High Voltage (E12)

CLEAR 220V
25CFC/HV
40CFC/HV
60CFC/HV

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
25	B10	E14	400425	25CTC/E14	130	25 / 500	Clear	170	2500	4"	4,5
			401425	25CTF/E14	130	25 / 500	Frost	165	2500	4"	4,5
			400625	25CTC/E14/HV	220	25 / 500	Clear	170	3000	4"	4,5
	CA10	E12	400525	25CTC/HV	220	25 / 500	Clear	170	3000	3 7/8"	4,5
			403525	25CFC/HV	220	25 / 500	Clear	165	3000	4"	4,5
40	B10	E14	400440	40CTC/E14	130	25 / 500	Clear	345	2500	4"	4,5
			401440	40CTF/E14	130	25 / 500	Frost	320	2500	4"	4,5
			400640	40CTC/E14/HV	220	25 / 500	Clear	345	2000	4"	4,5
	CA10	E12	400540	40CTC/HV	220	25 / 500	Clear	345	3000	3 7/8"	4,5
			403540	40CFC/HV	220	25 / 500	Clear	320	3000	4"	4,5
60	B10	E14	400460	60CTC/E14	130	25 / 500	Clear	610	2500	4"	4,5
			401460	60CTF/E14	130	25 / 500	Frost	575	2500	4"	4,5
			400660	60CTC/E14/HV	220	25 / 500	Clear	610	2000	4"	4,5
	CA10	E12	400560	60CTC/HV	220	25 / 500	Clear	610	3000	3 7/8"	4,5
			403560	60CFC/HV	220	25 / 500	Clear	575	3000	4"	4,5

Lumens and Average Hours for 130/220V lamps are measured on a 120V line.



Silicone & Flicker

CA5, B10, CA10, S6, S11

- Silicone lamps are wax-dipped for a vintage effect
- Flicker lamps imitate the flicker of a real flame
- Ideal for decorative fixtures in residential and commercial areas



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Average Hours	M.O.L.	Notes pg. 44
3	CA5	E12	411003	SF/F3CTC	120	25 / 500	Silicone Flicker	1500	4 1/2"	3
		E12	410303	F3CFC/15	130	25 / 500	Clear Flicker	2500	2 7/8"	3,4
	B10	E12	410003	F3CTC/32	130	25 / 500	Clear Flicker	2500	3 7/8"	3,4
	CA10	E12	410313	F3CFC/32	130	25 / 500	Clear Flicker	2500	4"	3,4
		E26	410803	F3EFC/32	130	25 / 500	Clear Flicker	2500	3 7/8"	3,4
6	S6	E12	411006	SF/6S6	120	25 / 500	Silicone	1500	4 1/4"	3
7.5	S11	E26	411007	SF/7.5S11	120	25 / 500	Silicone	1500	4 1/4"	3

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Product affected by EISA legislation, beginning January 1st of year noted. Only available while supplies last. See pg 12 for EISA compliant options.

Fiesta F10, F15, F20

- Perfect complement to post lanterns
- Ideal for decorative lighting in clear or open fixtures in residential or commercial applications such as pathways and lobbies



F10 CLEAR

15F10CL
25F10CL

F10 AMBER

15F10A
25F10A

F15 CLEAR

25F15CL
40F15CL
60F15CL

F15 WHITE

25F15WH
40F15WH
60F15WH

F15 AMBER

25F15A
40F15A
60F15A

F20 CLEAR

100F20CL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner /Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
15	F10	E12	420115	15F10CL	130	25 / 250	Clear	105	2500	3 1/16"	3,4
			420215	15F10A	130	25 / 250	Amber	-	2500	3 1/16"	3,4
25	F10	E12	420125	25F10CL	130	25 / 250	Clear	190	2500	3 1/16"	3,4
			420225	25F10A	130	25 / 250	Amber	-	2500	3 1/16"	3,4
	F15	E26	421025	25F15WH	130	25 / 250	White	155	2500	4 1/2"	3,4
			421125	25F15CL	130	25 / 250	Clear	180	2500	4 1/2"	3,4
			421225	25F15A	130	25 / 250	Amber	-	2500	4 1/2"	3,4
40	F15	E26	421040	40F15WH	130	25 / 250	White	300	2500	4 1/2"	3,4
			421140	40F15CL	130	25 / 250	Clear	360	2500	4 1/2"	3,4
			421240	40F15A	130	25 / 250	Amber	-	2500	4 1/2"	3,4
60	F15	E26	▲ 421060	60F15WH	130	25 / 250	White	550	2500	4 1/2"	2,4
			▲ 421160	60F15CL	130	25 / 250	Clear	660	2500	4 1/2"	2,4
			421260	60F15A	130	25 / 250	Amber	-	2500	4 1/2"	3,4
100	F20	E26	▲ 422100	100F20CL	130	12 / 96	Clear	1150	2500	5"	1,4

Lumens and Average Hours for 130V lamps are measured on a 120V line.



chandelier





Spunlite®

C11, C15

- Unique silk-spun design gives the look and feel of vintage-style gas flame
- Emits a warm glow
- Ideal for clear or open fixtures in homes and commercial areas

chandelier



**C11
SATIN**
25C11S
40C11S
60C11S

**C11
AMBER**
25C11A
40C11A
60C11A

**C15
SATIN**
25C15S
40C15S
60C15S

**C15
AMBER**
40C15A

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
25	C11	E12	430025	25C11S	130	25 / 250	Satin	160	4000	4"	3,4
			430125	25C11A	130	25 / 250	Amber	-	4000	4"	3,4
	C15	E26	431025	25C15S	130	25 / 250	Satin	160	4000	4 ½"	3,4
40	C11	E12	430040	40C11S	130	25 / 250	Satin	310	4000	4"	3,4
			430140	40C11A	130	25 / 250	Amber	-	4000	4"	3,4
	C15	E26	431040	40C15S	130	25 / 250	Satin	310	4000	4 ½"	3,4
			431140	40C15A	130	25 / 250	Amber	-	4000	4 ½"	3,4
60	C11	E12	430060	60C11S	130	25 / 250	Satin	600	4000	4"	3,4
			430160	60C11A	130	25 / 250	Amber	-	4000	4"	3,4
	C15	E26	431060	60C15S	130	25 / 250	Satin	600	4000	4 ½"	3,4

Lumens and Average Hours for 130V lamps are measured on a 120V line.

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Showroom, Antique, Prism & Nostalgic B8, B10, B11, CA10, CA11, Prism

- Prism lamps are blister packed (2 per card)
- Showroom lamps perfect for lowering energy consumption in applications with multiple lamps
- Ideal for decorative fixtures in homes and commercial areas



Showroom

5CTC/25/3
5CTC/32/3

Antique

15CFA/32/3
25CFA/32/3
40CFA/32/3

Prism

B25PRISM
B40PRISM

Nostalgic Torpedo

NOS15CTA

Nostalgic Flame

NOS15CFA

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 44
5	B8	E12	400105	5CTC/25/3	130	25 / 500	Clear	30	2500	3 1/8"	3,4
	B10	E12	400005	5CTC/32/3	130	25 / 500	Clear	30	2500	3 3/8"	3,4
15	CA10	E12	412015	15CFA/32/3	130	25 / 250	Antique	-	2500	4"	3,4
	B11	E12	413015	NOS15CTA	120	25 / 200	Amber	-	2500	3 3/8"	3
	CA11	E12	413115	NOS15CFA	120	25 / 200	Amber	-	2500	4"	3
25	Prism	E12	480125	B25PRISM	120	10 (2-PK) / 120 (2-PK)	Clear	150	2500	4 1/2"	3
	CA10	E12	412025	25CFA/32/3	130	25 / 250	Antique	-	2500	4"	3,4
40	Prism	E12	480140	B40PRISM	120	10 (2-PK) / 120 (2-PK)	Clear	300	2500	4 1/2"	3
	CA10	E12	412040	40CFA/32/3	130	25 / 250	Antique	-	2500	4"	3,4

Lumens and Average Hours for 130V lamps are measured on a 120V line.



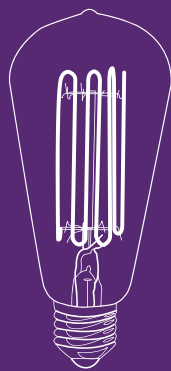


Globe & Chandelier Footnotes

D Discontinued Item - Limited Quantity Available

- 1** This lamp will no longer be manufactured after January 1st, 2012 according to the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. For more information, visit www.bulbrite.com/EISA.
- 2** This lamp will no longer be manufactured after January 1st, 2014 according to the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. For more information, visit www.bulbrite.com/EISA.
- 3** This lamp is exempt from the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. Exemptions subject to change. For more information, visit www.bulbrite.com/EISA.
- 4** This lamp has a design voltage other than 120V. When operated on a 120V line, average hours (lamp life) is extended approximately 2 times and lumens (brightness) is reduced by approximately 20%.

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **Specialty**

Image features Nostalgic lamps by Bulbrite and Clark Suspension Pendants by

WILMETTE LIGHTING
COMPANY

BULBRITE®

BULBRITE®

Nostalgic Collection



Nostalgic Counter Display

Item # : 900031

Ord. Code : NOS/SUITCASE

11.5" x 9.5" x 4.5"

Contains 4 E26 Base Sockets

Meticulously crafted to preserve the look of early 20th-century lighting, Bulbrite's Nostalgic Collection is the perfect complement to any vintage or contemporary décor. Recognized for their antique finish, defined steeple and intricate filament design, these bulbs are ideal for any transparent light fixture, both indoor and outdoor.

- Excellent replica of antique light bulbs
- Bright filaments give off a warm, amber glow
- Perfect accent for any antique decor
- Ideal for portables, ceiling fixtures, outdoor lighting and signage/displays

BULBRITE®

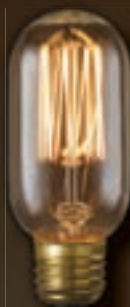
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specialty



NEW



NEW



NEW

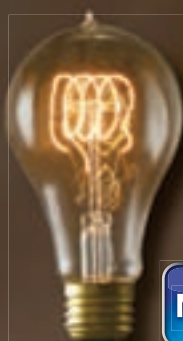
**HAIRPIN
T9**
NOS20T9

**HAIRPIN
ST18**
NOS40-1890

**THREAD
T14**
NOS40T14/SQ

**THREAD
ST18**
NOS40-1910

**THREAD
G30**
NOS40G30



NEW



NEW



NEW

**LOOP
A19**
NOS25-VICTOR
NOS40-VICTOR

**LOOP
A21**
NOS25-VICTOR/A21
NOS40-VICTOR/A21

**LOOP
A23**
NOS25-VICTOR/A23
NOS40-VICTOR/A23

**SPIRAL
T14**
NOS40T14

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.
20	T9	E26	132509	NOS20T9	120	12 / 96	Antique - Hairpin	20	3000	7 1/16"
25	A19	E26	132520	NOS25-VICTOR	120	6 / 96	Clear - Loop	50	3000	4 1/2"
	A21	E26	132530	NOS25-VICTOR/A21	120	6 / 48	Clear - Loop	40	3000	5"
	A23	E26	132540	NOS25-VICTOR/A23	120	6 / 48	Clear - Loop	45	3000	5 1/2"
40	A19	E26	134020	NOS40-VICTOR	120	6 / 96	Clear - Loop	130	3000	4 1/2"
	A21	E26	134030	NOS40-VICTOR/A21	120	6 / 48	Clear - Loop	55	3000	5"
	A23	E26	134040	NOS40-VICTOR/A23	120	6 / 48	Clear - Loop	60	3000	5 1/2"
	ST18	E26	134018	NOS40-1890	120	6 / 96	Clear - Hairpin	165	3000	4 3/8"
			134019	NOS40-1910	120	6 / 96	Clear - Thread	135	3000	5"
	T14	E26	134014	NOS40T14	120	10 / 50	Antique - Spiral	135	3000	4 1/4"
			134015	NOS40T14/SQ	120	10 / 50	Antique - Thread	135	3000	4 1/4"
	G30	E26	342040	NOS40G30	120	6 / 48	Antique - Thread	140	3000	5 1/8"



Inside Frost Silver Bowl

A19, A21, PS25, PS30

- Soft, diffused light creates an ambient effect
- Glare-free
- Perfect for open fixtures in restaurants and retail settings as well outdoor ambient lighting and photography for indirect light



A19
60A19F/SB

A21
100A21F/SB

PS25
150PS25F/SB

PS30
200PS30F/SB

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.
60	A19	E26	717060	60A19F/SB	120	24 / 120	Frost Silver Bowl	520	2000	4 1/4"
100	A21	E26	717100	100A21F/SB	120	12 / 60	Frost Silver Bowl	1050	2000	5"
150	PS25	E26	717150	150PS25F/SB	120	12 / 48	Frost Silver Bowl	1500	2000	7"
200	PS30	E26	717200	200PS30F/SB	120	12 / 48	Frost Silver Bowl	2100	2000	8"

Half Chrome

A19, A21, G16½, G25, G40

- Mirrored top reflects light, creating a soft, ambient effect
- Perfect for base up overhead fixtures
- Ideal for use in decorative lighting



**G16½
Candelabra (E12)**
25G16HM
40G16HM



G25
40G25HM
60G25HM
100G25HM



G40
60G40HM
100G40HM



A19
60A19HM



A21
100A21HM

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Average Hours	M.O.L.
25	G16½	E12	712312	25G16HM	120	25 / 250	Clear Half Chrome	1500	2 ¾"
40	G16½	E12	712314	40G16HM	120	25 / 250	Clear Half Chrome	1500	2 ¾"
	G25	E26	712334	40G25HM	120	12 / 120	Clear Half Chrome	1500	4 ⅝"
60	A19	E26	712160	60A19HM	120	12 / 120	Clear Half Chrome	1500	4 ¼"
	G25	E26	712336	60G25HM	120	12 / 120	Clear Half Chrome	1500	4 ⅝"
	G40	E26	712356	60G40HM	120	12 / 24	Clear Half Chrome	1500	6 ¾"
100	A21	E26	712110	100A21HM	120	12 / 60	Clear Half Chrome	1500	5"
	G25	E26	712331	100G25HM	120	12 / 120	Clear Half Chrome	1500	4 ¾"
	G40	E26	712351	100G40HM	120	12 / 24	Clear Half Chrome	1500	6 ¾"



True Daylight

A19, A21 3-Way, R20, R30, R40

- Rare earth elements in the glass filter out dull yellow light
- Shows details clearly and colors more accurately
- Produces less glare, reducing eye strain



EcoHalogen A19

FROST

43A19FR/N/ECO
53A19FR/N/ECO
72A19FR/N/ECO

CLEAR

43A19CL/N/ECO
53A19CL/N/ECO
72A19CL/N/ECO

A21 3-Way

50/150/N



R20

45R20FL/N

R30

65R30FL/N

R40

65R40FL/N

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
43	A19	E26	616243	43A19CL/N/ECO	120	6 / 60	Clear	585	1000	4 3/16"	1
			616343	43A19FR/N/ECO	120	6 / 60	Frost	565	1000	4 3/16"	1
45	R20	E26	711045	45R20FL/N	120	12 / 96	Flood	250	5000	3 3/8"	3
53	A19	E26	616253	53A19CL/N/ECO	120	6 / 60	Clear	860	1000	4 3/16"	1
			616353	53A19FR/N/ECO	120	6 / 60	Frost	820	1000	4 3/16"	1
65	R30	E26	711065	65R30FL/N	120	12 / 48	Flood	420	2500	5 3/8"	3
	R40	E26	711066	65R40FL/N	120	12 / 24	Flood	500	2500	3 5/16"	3
72	A19	E26	616272	72A19CL/N/ECO	120	6 / 60	Clear	1235	1000	4 3/16"	1
			616372	72A19FR/N/ECO	120	6 / 60	Frost	1200	1000	4 3/16"	1
50/100/150	A21	E26	711025	50/150/N	120	12 / 120	Frost 3-Way	590/1500/2090	5000	5"	3

Plant Growth

A19, R20, R30, R40

- Provides natural light to assist in plant growth
- For use in professional and consumer greenhouses and indoor gardens
- Used to develop seedlings



A19
60A19PG



R20
50R20PG



R30
100R30PG



R40
150R40PG

For Fluorescent Plant Growth alternatives, see page 135.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Average Hours	M.O.L.	Notes pg. 62
50	R20	E26	710250	50R20PG	120	12 / 96	Plant Growth	2000	4"	-
60	A19	E26	710160	60A19PG	120	12 / 120	Plant Growth	2000	4 1/8"	-
100	R30	E26	710310	100R30PG	120	12 / 48	Plant Growth	2000	5 1/8"	D
150	R40	E26	710415	150R40PG	120	12 / 24	Plant Growth	2000	6 1/2"	-

Black Light

T10, A19, R25

- Black light provides dramatic special effects
- Reduced visible light combined with the lamp's natural heat simulates "night time" in reptile tanks
- Ideal for parties, Halloween, and amusement



T10
40T10BL



A19
75A/BL



R25
75R25BL

For Fluorescent Black Light alternatives, see page 135.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Average Hours	M.O.L.
40	T10	E26	106940	40T10BL	120	1 / 24	Black Light	500	5"
75	A19	E26	106975	75A/BL	120	25 / 200	Black Light	500	4 ¼"
	R25	E26	106976	75R25BL	120	25 / 100	Black Light	500	4 ½"

Shatter Resistant A15, A19, A21, R12, R20, BR30, BR40 Heat Lamp

- Special coating prevents the spread of shattering glass in the event lamp is broken
- Reduces the chance of breakage from thermal shock such as water contact
- Meets Federal Regulations of FDA, NSF, NEC, and Food Protection Unicode
- Ideal for restaurants, catering halls, food storage and preparation areas



A15
40A15/TF



A19
60A/RS/TF
75A/RS/TF
100A/RS/TF



A21
150A21/TF



R12
1383/TF



R20
50R20/TF



BR30
65BR30/TF



BR40 Heat Lamp
CLEAR **RED**
250BR40H/TF 250BR40HR/TF



For LED 1383 alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
19.5	R12	BA15s	752531	1383/TF	13	10 / 10	Frost Tough Coat	-	300	2 3/8"	2
40	A15	E26	108040	40A15/TF	130	24 / 120	Frost Tough Coat	280	2500	3 1/2"	1
50	R20	E26	280250	50R20/TF	130	1 / 25	Frost Tough Coat	375	4000	4"	1
60	A19	E26	108060	60A/RS/TF	130	24 / 120	Frost Tough Coat	530	4000	4 1/4"	1
65	BR30	E26	280465	65BR30/TF	130	1 / 12	Frost Tough Coat	550	4000	5 1/2"	1
75	A19	E26	108075	75A/RS/TF	130	24 / 120	Frost Tough Coat	620	4000	4 1/4"	1
100	A19	E26	108100	100A/RS/TF	130	24 / 120	Frost Tough Coat	880	4000	4 1/4"	1
150	A21	E26	108150	150A21/TF	130	24 / 120	Frost Tough Coat	1750	4000	5"	1
250	BR40	E26	714525	250BR40H/TF	130	1 / 12	Clear Heat Lamp Tough Coat	-	5000	6 1/2"	1
			714625	250BR40HR/TF	130	1 / 12	Red Heat Lamp Tough Coat	-	5000	6 1/2"	1

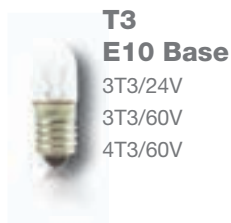
Lumens and Average Hours for 130V lamps are measured on a 120V line.



Appliance, Amusement

T3, T4, T5½, T6, T7, T8

- Available in a variety of bases and voltages to meet specific needs
- Low wattage is ideal for illuminating small spaces
- Used in sewing machines, freezers, ovens and other home appliances
- Sleeve packed



**T3
E10 Base**
3T3/24V
3T3/60V
4T3/60V



**T4
E12 Base**
6T4/130V
15T4/130V



**T5½
E14 Base**
3T5.5/24V
8T5.5/60V
10T5.5/130
10T5.5/60V
12T5.5/130



**T6
E14 Base**
15T6
15T6/4
25T6



**T7
E12 Base**
15T7
15T7F



**T7
E17 Base**
15T7N



**T7
Bay. Base**
15T7/DC
25T7/DC



**T8
E17 Base**
25T8N



**T8
Bay. Base**
25T8/DC

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
3	T3	E10	715004	3T3/24V	24	100 / 2000	Clear	-	3000	1 ⅞"	2
			715003	3T3/60V	60	100 / 2000	Clear	-	3000	1 ⅞"	2
	T5.5	E14	715007	3T5.5/24V	24	50 / 1000	Clear	-	3000	1 ⅞"	2
4	T3	E10	715008	4T3/60V	60	100 / 2000	Clear	-	3000	1 ⅞"	2
6	T4	E12	708106	6T4/130V	130	100 / 2000	Clear	-	3000	1 ⅝"	1
8	T5.5	E14	715002	8T5.5/60V	60	50 / 1000	Clear	-	3000	1 ⅞"	2
10	T5.5	E14	715005	10T5.5/130	130	50 / 1000	Clear	-	3000	2 ⅞"	1
			715006	10T5.5/60V	60	50 / 1000	Clear	-	3000	1 ⅞"	2
12	T5.5	E14	715001	12T5.5/130	130	50 / 1000	Clear	-	3000	2 ⅞"	1
15	T4	E12	708115	15T4/130V	130	50 / 100	Clear	110	2000	1 ⅞"	1
	T6	E12	707115	15T6	130	25 / 500	Clear	100	2500	2 ⅞"	1
			707415	15T6/4	145	25 / 500	Clear	100	2500	2 ⅞"	1
			706115	15T7	120	25 / 1000	Clear	108	1500	1 ⅞"	-
	T7	E12	706015	15T7F	120	50 / 1000	Frost	100	1500	1 ⅞"	-
			706111	15T7N	120	50 / 1000	Clear	108	1500	1 ⅞"	-
25	T6	E12	706110	15T7/DC	120	50 / 1000	Clear	108	1500	1 ⅞"	-
			707125	25T6	120	25 / 500	Clear	190	2500	2 ⅞"	-
			706114	25T7/DC	120	50 / 1000	Clear	195	1500	1 ⅞"	-
			705211	25T8N	120	50 / 1000	Clear	195	1500	2 ⅞"	-
			705212	25T8/DC	120	50 / 1000	Clear	195	1500	2 ⅞"	-

Lumens and Average Hours for 130/145V lamps are measured on a 120V line.



Exit Light, Showcase & Display

T6½

- Exit lights feature nine 1-watt filaments and long life of 30,000 hours
- Showcase lamps feature a unique, elongated shape that provides an even distribution of light, ideal for accent and display lighting



**Exit Light
Candelabra (E12)**
9T6.5C



**Exit Light
Intermediate (E17)**
9T6.5C/N



**Exit Light
D.C. Bayonet (BA15d)**
9T6.5C/DC



Intermediate (E17)

CLEAR

20T6.5N/145
25T6.5C/N
25T6.5N/145
40T6.5C/N

FROST

20T6.5F/N
25T6.5F/N
40T6.5F/N



D.C. Bayonet (BA15d)

CLEAR

20T6.5DC/145
25T6.5C/DC
25T6.5DC/145

FROST

20T6.5F/DC

For LED Exit Kit alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/ Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
9	T6½	E12	707503	9T6.5C	120	25 / 300	Clear	50	30,000	5 ⅝"	-
		E17	707501	9T6.5C/N	120	25 / 300	Clear	50	30,000	5 ⅝"	-
		BA15d	707502	9T6.5C/DC	120	25 / 300	Clear	50	30,000	5 ⅝"	-
20	T6½	E17	707301	20T6.5F/N	130	25 / 500	Frost	100	2500	5 ⅝"	1
			707320	20T6.5N/145	145	25 / 500	Clear	109	2500	5 ⅝"	1
		BA15d	707302	20T6.5F/DC	130	25 / 500	Frost	100	2500	5 ¾"	1
			707322	20T6.5DC/145	145	25 / 500	Clear	109	2500	5 ⅝"	1
25	T6½	E17	707211	25T6.5C/N	130	25 / 500	Clear	175	2500	5 ⅝"	1
			707201	25T6.5F/N	130	25 / 500	Frost	160	2500	5 ⅝"	1
		BA15d	707213	25T6.5N/145	145	25 / 500	Clear	175	2500	5 ⅝"	D,1
			707212	25T6.5C/DC	130	25 / 500	Clear	175	2500	5 ⅝"	1
			707222	25T6.5DC/145	145	25 / 500	Clear	175	2500	5 ⅝"	D,1
40	T6½	E17	707440	40T6.5C/N	130	25 / 500	Clear	310	2500	5 ¼"	1
			707441	40T6.5F/N	130	25 / 500	Frost	300	2500	5 ¼"	1

Lumens and Average Hours for 130/145V lamps are measured on a 120V line.

Showcase, Aquarium

T8, T10

- Hand-crafted filaments
- Provides decorative highlighting
- Aquarium bulbs fit all standard aquarium canopies



T8 Clear

40T8C
75T8C

T8 Frost

40T8F
75T8F



T10

CLEAR

15T10C
25T10C
40T10C
60T10C

FROST

25T10F
40T10F
60T10F



T10 High Output

CLEAR

25T10C/HO
40T10C/HO
60T10C/HO

FROST

25T10F/HO
40T10F/HO
60T10F/HO

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
15	T10	E26	704115	15T10C	120	25 / 300	Clear	115	2500	5"	-
25	T10	E26	704125	25T10C	130	25 / 300	Clear	165	2500	5"	1
			704025	25T10F	130	25 / 300	Frost	160	2500	5"	1
			704325	25T10C/HO	130	25 / 300	Clear	185	2500	5"	1
			704225	25T10F/HO	130	25 / 300	Frost	175	2500	5"	1
40	T8	E26	705140	40T8C	120	25 / 300	Clear	430	2000	11 7/8"	-
			705040	40T8F	120	25 / 300	Frost	425	2000	11 7/8"	-
	T10	E26	704140	40T10C	130	25 / 300	Clear	335	2500	5"	1
			704040	40T10F	130	25 / 300	Frost	325	2500	5"	1
			704340	40T10C/HO	130	25 / 300	Clear	370	2500	5"	1
			704240	40T10F/HO	130	25 / 300	Frost	350	2500	5"	1
60	T10	E26	704160	60T10C	130	25 / 300	Clear	650	2500	5"	1
			704060	60T10F	130	25 / 300	Frost	635	2500	5"	1
			704360	60T10C/HO	130	25 / 300	Clear	715	2500	5"	1
			704260	60T10F/HO	130	25 / 300	Frost	700	2500	5"	1
75	T8	E26	705175	75T8C	120	25 / 300	Clear	890	2000	11 7/8"	-
			705075	75T8F	120	25 / 300	Frost	875	2000	11 7/8"	-

Lumens and Average Hours for 130V lamps are measured on a 120V line.

High Intensity, Indicator & Sign S6, S8, S11, RP11

- Small, compact sizes allow for use in a variety of applications
- Made for high intensity fixtures
- Ideal for amusement & display lighting



S6 E12 Base

3S6
6S6



S6 Bay. Base

6S6/DC



S8 Bay. Base

93
1156



RP11 Bay. Base

1133



High Intensity S11 (E17) Base

CLEAR & FROST

40S11N/C
40S11N/F



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
3	S6	E12	703003	3S6	130	10 / 10	Clear	11	3000	1 7/8"	1
6	S6	E12	703006	6S6	130	10 / 10	Clear	41	3000	1 7/8"	1
		BA15d	703106	6S6/DC	130	50 / 1000	Clear	41	3000	1 7/8"	1
13	S8	BA15s	715093	93	12.8	10 / 10	Clear	-	700	2"	2
21	S8	BA15s	715015	1156	12.8	10 / 10	Clear	-	1200	1 7/8"	2
24	RP11	BA15s	715113	1133	6	10 / 10	Clear	-	200	2 1/8"	2
40	S11	E17	702140	40S11N/C	120	25 / 500	Clear	355	1000	2 3/8"	-
			702040	40S11N/F	120	25 / 500	Frost	340	1000	2 3/8"	-

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Indicator, Sign & Night Light

S11, S14

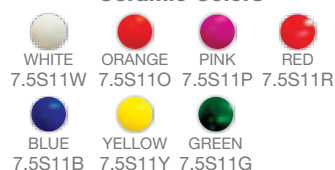
- Ceramic bulbs are made with thermal paint providing a richer, vibrant color
- Ideal for amusement and theatrical lighting
- Sleeve packed



S11 Medium (E26)

CLEAR
7.5S11C

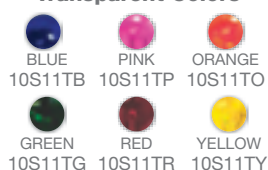
Ceramic Colors



S11 Intermediate (E17)

CLEAR
10S11C

Transparent Colors

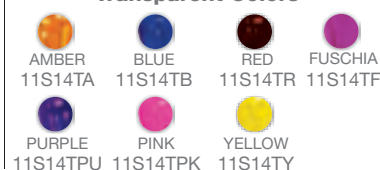


S14 Transparent

CLEAR
11S14C

GREEN
11S14TG

Transparent Colors

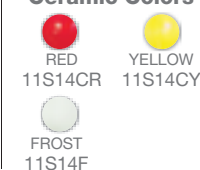


S14 Ceramic

WHITE
11S14W

PINK
11S14CP

Ceramic Colors



* Lamps may vary in color when lit

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
7.5	S11	E26	702107	7.5S11C	130	25 / 500	Clear	52	2500	2 1/8"	1
			702007	7.5S11W	130	25 / 500	Ceramic White	34	2500	2 1/8"	1
			702307	7.5S11B	130	25 / 500	Ceramic Blue	-	2500	2 1/8"	1
			702407	7.5S11G	130	25 / 500	Ceramic Green	-	2500	2 1/8"	1
			702507	7.5S11O	130	25 / 500	Ceramic Orange	-	2500	2 1/8"	1
			702607	7.5S11Y	130	25 / 500	Ceramic Yellow	-	2500	2 1/8"	1
			702707	7.5S11R	130	25 / 500	Ceramic Red	-	2500	2 1/8"	1
			702907	7.5S11P	130	25 / 500	Ceramic Pink	-	2500	2 1/8"	1
10	S11	E17	702110	10S11C	130	25 / 500	Clear	80	2500	2 1/4"	1
			702310	10S11TB	130	25 / 500	Transparent Blue	-	2500	2 1/4"	1
			702410	10S11TG	130	25 / 500	Transparent Green	-	2500	2 1/4"	1
			702510	10S11TO	130	25 / 500	Transparent Orange	-	2500	2 1/4"	1
			702610	10S11TP	130	25 / 500	Transparent Pink	-	2500	2 1/4"	1
			702710	10S11TR	130	25 / 500	Transparent Red	-	2500	2 1/4"	1
			702810	10S11TY	130	25 / 500	Transparent Yellow	-	2500	2 1/4"	1
11	S14	E26	701111	11S14C	130	25 / 500	Clear	63	2500	3 1/8"	1
			701911	11S14F	130	25 / 500	Frost	60	2500	3 1/8"	1
			701011	11S14W	130	25 / 500	White	60	2500	3 1/8"	1
			701211	11S14TA	130	25 / 500	Transparent Amber	-	2500	3 1/8"	1
			701311	11S14TB	130	25 / 500	Transparent Blue	-	2500	3 1/8"	1
			701411	11S14TG	130	25 / 500	Transparent Green	-	2500	3 1/8"	1
			701501	11S14TF	130	25 / 500	Transparent Fuschia	-	2500	3 1/8"	1
			701511	11S14TPU	130	25 / 500	Transparent Purple	-	2500	3 1/8"	1
			701601	11S14CP	130	25 / 500	Ceramic Pink	-	2500	3 1/8"	1
			701611	11S14TPK	130	25 / 500	Transparent Pink	-	2500	3 1/8"	1
			701701	11S14CR	130	25 / 500	Ceramic Red	-	2500	3 1/8"	1
			701711	11S14TR	130	25 / 500	Transparent Red	-	2500	3 1/8"	1
			701801	11S14CY	130	25 / 500	Ceramic Yellow	-	2500	3 1/8"	1
			701811	11S14TY	130	25 / 500	Transparent Yellow	-	2500	3 1/8"	1

Lumens and Average Hours for 130V lamps are measured on a 120V line.



Holiday, Night Light

C7, C9

- Available in a wide variety of festive colors
- Blinking option available in clear C7 candelabra
- Sleeve packed



C7 Candelabra (E12)

WHITE
7C7W

Ceramic Colors



C7 Candelabra (E12)

CLEAR
4C7C
5C7C
7C7C
7C7C/BLINK
10C7C

Transparent Colors



C9 Intermediate (E17)

RED
7C9TR

Transparent Colors



C9 Intermediate (E17)

RED
7C9R

Ceramic Colors



For LED C7 & C9 alternatives, see Bulbrite's LED catalog.

* Lamps may vary in color when lit

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.
4	C7	E12	709104	4C7C	120	25 / 2000	Clear	20	3000	2 1/8"
5	C7	E12	709105	5C7C	120	25 / 2000	Clear	30	3000	2 1/8"
			709205	5C7TA	120	25 / 2000	Transparent Amber	-	3000	2 1/8"
			709305	5C7TB	120	25 / 2000	Transparent Blue	-	3000	2 1/8"
			709405	5C7TG	120	25 / 2000	Transparent Green	-	3000	2 1/8"
			709605	5C7TP	120	25 / 2000	Transparent Pink	-	3000	2 1/8"
			709705	5C7TR	120	25 / 2000	Transparent Red	-	3000	2 1/8"
7	C7	E12	709107	7C7C	120	25 / 2000	Clear	45	3000	2 1/8"
			709007	7C7W	120	25 / 2000	Ceramic White	35	3000	2 1/8"
			709307	7C7B	120	25 / 2000	Ceramic Blue	-	3000	2 1/8"
			709407	7C7G	120	25 / 2000	Ceramic Green	-	3000	2 1/8"
			709507	7C7O	120	25 / 2000	Ceramic Orange	-	3000	2 1/8"
			709607	7C7P	120	25 / 2000	Ceramic Pink	-	3000	2 1/8"
			709707	7C7R	120	25 / 2000	Ceramic Red	-	3000	2 1/8"
			709197	7C7C/BLINK	120	25 / 2000	Clear Blinker	-	3000	2 1/8"
			709200	7C7AS/B	120	25 / 2000	Assorted Colors	-	3000	2 1/8"
	C9	E17	709109	7C9C	120	25 / 1000	Clear	45	3000	3"
			709009	7C9W	120	25 / 1000	Ceramic White	35	3000	3"
			709709	7C9R	120	25 / 1000	Ceramic Red	-	3000	3"
			709219	7C9TA	120	25 / 1000	Transparent Amber	-	3000	3"
			709319	7C9TB	120	25 / 1000	Transparent Blue	-	3000	3"
			709419	7C9TG	120	25 / 1000	Transparent Green	-	3000	3"
			709619	7C9TP	120	25 / 1000	Transparent Pink	-	3000	3"
			709719	7C9TR	120	25 / 1000	Transparent Red	-	3000	3"
10	C7	E12	709110	10C7C	120	25 / 2000	Clear	80	3000	2 1/8"



Starlight

G16, G25, G40

- Contains five 1-watt internal, miniature bulbs to simulate a “twinkling” effect
- Long life of 20,000 hours
- Ideal for use in hotels, casinos, malls, resort lobbies, canopies, and marquees



G16 Candelabra (E12)
ST-G16/E12



G16 Medium (E26)
ST-G16



G25 Medium (E26)
ST-G25



G40 Medium (E26)
ST-G40

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
5	G16	E12	716310	ST-G16/E12	130	12 / 96	Clear - 5 Mini Bulbs	10	20,000	2 7/8"	1
		E26	716311	ST-G16	130	12 / 96	Clear - 5 Mini Bulbs	10	20,000	2 7/8"	1
	G25	E26	716330	ST-G25	130	12 / 48	Clear - 5 Mini Bulbs	10	20,000	4 1/2"	1
	G40	E26	716350	ST-G40	130	12 / 24	Clear - 5 Mini Bulbs	10	20,000	6 3/4"	1

Lumens and Average Hours for 130V lamps are measured on a 120V line.

Linear T10

- Emits a warm, pleasant light
- Fully dimmable
- Metal bases for secure fit
- Ideal for vanity mirrors where an even glow of light is desired

Specialty



Linear 35W
LI35T10



Linear 60W
LI60T10



Linear 150W
LI150T10

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/ Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 62
35	T10	S14s	507135	LI35T10	125/130	1 / 25	White	270	1500	11 3/4"	1
60	T10	S14s	507160	LI60T10	125/130	1 / 25	White	440	1500	19 3/8"	A,1
150	T10	S14s	507151	LI150T10	125/130	8 / 16	White	900	1500	39 3/8"	A,1

Lumens and Average Hours for 125/130V lamps are measured on a 120V line.

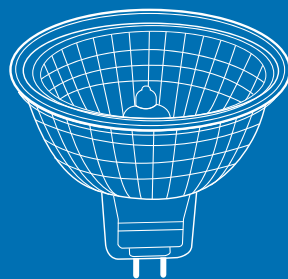


Specialty Footnotes

D	Discontinued Item - Limited Quantity Available
A	Available in Major Brand, see page 160-161

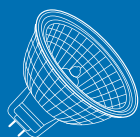
- 1** This lamp has a design voltage other than 120V. When operated on a 120V line, average hours (lamp life) is extended approximately 2 times and lumens (brightness) is reduced approximately 20%.
- 2** This lamp is designed to operate at a voltage other than 120V. To ensure proper operation of the lamp, use the appropriate fixtures for the designated lamp voltage.
- 3** This lamp is exempt from the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. Exemptions subject to change. For more information, visit www.bulbrite.com/EISA

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **Halogens**

BULBRITE®



EISA Compliant Halogens



EISA affected General Service Incandescent lamps are:

Effective 1/1/2012	Effective 1/1/2013	Effective 1/1/2014	Effective 1/1/2014
 100W 72W	 75W 53W	 60W 43W	 40W* 29W

* Globe & Chandelier lamps of 40W or less are exempt.

EISA Compliant **EcoHalogen** General Service products are:

A19 CLEAR pg. 66	A19 FROST pg. 66	BT15 CLEAR pg. 67	BT15 SOFT WHITE pg. 67	TRUE DAYLIGHT CLEAR pg. 67	TRUE DAYLIGHT FROST pg. 67

More options coming soon!

EISA Compliant Halogens



EISA affected General Service Incandescent Reflector lamps are:

Effective 7/14/2012

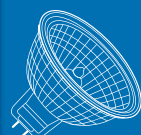
						
R20*	BR30* (ER30)	BR40* (ER40)	PAR20	PAR30	PAR30 LONG NECK	PAR38
Low Efficiency (LPW)			50W	75W	90W	
↓			↓	↓	↓	
High Efficiency (LPW)**			35W	55W	70W	

* Certain wattages are exempt, see pg 11 for more details. ** To calculate the minimum LPW requirements, see pg 11.

EISA Compliant **High Efficiency** Halogen PAR products are:

PAR20 pg. 69	PAR30 pg. 69	PAR30 Long Neck pg. 69	PAR38 pg. 69
			

More options coming soon!



halogen

EcoHalogen

A19

- Compliant with EISA General Service Incandescent Standards
- Energy efficient alternative to traditional incandescent lamps
- CC-8 filament type
- Ideal for general residential and commercial applications



EcoHalogen = Incandescent

72W = 100W

53W = 75W

43W = 60W

29W = 40W



EcoHalogen A19

CLEAR

29A19CL/ECO

43A19CL/ECO

53A19CL/ECO

72A19CL/ECO

SOFT WHITE

29A19SW/ECO

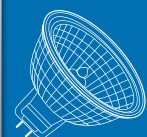
43A19SW/ECO

53A19SW/ECO

72A19SW/ECO

For CFL alternatives, see pg 113; for LED alternatives, see Bulbrite's catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	Lumens	Average Hours	M.O.L.	Notes pg. 92
29	A19	E26	115028	29A19CL/ECO	120	6 (2-PK) / 60 (2-PK)	Clear	2900K	400	1000	4"	1
			115128	29A19SW/ECO	120	6 (2-PK) / 60 (2-PK)	Soft White	2900K	380	1000	4"	1
43	A19	E26	115042	43A19CL/ECO	120	6 (2-PK) / 60 (2-PK)	Clear	2900K	750	1000	4"	1
			115142	43A19SW/ECO	120	6 (2-PK) / 60 (2-PK)	Soft White	2900K	750	1000	4"	1
53	A19	E26	115052	53A19CL/ECO	120	6 (2-PK) / 60 (2-PK)	Clear	2900K	1050	1000	4"	1
			115152	53A19SW/ECO	120	6 (2-PK) / 60 (2-PK)	Soft White	2900K	1050	1000	4"	1
72	A19	E26	115070	72A19CL/ECO	120	6 (2-PK) / 60 (2-PK)	Clear	2900K	1490	1000	4"	1
			115170	72A19SW/ECO	120	6 (2-PK) / 60 (2-PK)	Soft White	2900K	1490	1000	4"	1



EcoHalogen

BT15, A19 3-Way, A19 True Daylight



EcoHalogen = Incandescent

72W = 100W
53W = 75W
43W = 60W
29W = 40W

- Compliant with EISA General Service Incandescent Standards
- A19 3-Way features 3 varying levels of light
- True daylight utilizes rare earth elements in the glass to filter out dull yellow light highlighting details and colors more clearly and accurately
- BT is ideal for use in portable lamps
- Ideal for general residential and commercial applications



EcoHalogen BT15

CLEAR

29BT15CL/ECO
43BT15CL/ECO
53BT15CL/ECO
72BT15CL/ECO

SOFT WHITE

29BT15SW/ECO
43BT15SW/ECO
53BT15SW/ECO
72BT15SW/ECO

EcoHalogen 3-Way

72A19/3WAY/ECO

EcoHalogen True Daylight

CLEAR

43A19CL/N/ECO
53A19CL/N/ECO
72A19CL/N/ECO

FROST

43A19FR/N/ECO
53A19FR/N/ECO
72A19FR/N/ECO

For CFL 3-Way alternatives, see pg 109.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 92
29	BT15	E26	616129	29BT15CL/ECO	120	1 / 10	Clear	400	1000	4 1/8"	1
			616029	29BT15SW/ECO	120	1 / 10	Soft White	380	1000	4 1/8"	1
43	A19	E26	616243	43A19CL/N/ECO	120	6 / 60	Clear	585	1000	4 3/16"	1
			616343	43A19FR/N/ECO	120	6 / 60	Frost	565	1000	4 3/16"	1
	BT15	E26	616143	43BT15CL/ECO	120	1 / 10	Clear	750	1000	4 1/8"	1
			616043	43BT15SW/ECO	120	1 / 10	Soft White	750	1000	4 1/8"	1
53	A19	E26	616253	53A19CL/N/ECO	120	6 / 60	Clear	860	1000	4 3/16"	1
			616353	53A19FR/N/ECO	120	6 / 60	Frost	820	1000	4 3/16"	1
	BT15	E26	616153	53BT15CL/ECO	120	1 / 10	Clear	1050	1000	4 1/8"	1
			616053	53BT15SW/ECO	120	1 / 10	Soft White	1050	1000	4 1/8"	1
72	A19	E26	616272	72A19CL/N/ECO	120	6 / 60	Clear	1235	1000	4 3/16"	1
			616372	72A19FR/N/ECO	120	6 / 60	Frost	1200	1000	4 3/16"	1
	BT15	E26	616172	72BT15CL/ECO	120	1 / 10	Clear	1490	1000	4 1/8"	1
			616072	72BT15SW/ECO	120	1 / 10	Soft White	1490	1000	4 1/8"	1
29/43/72	A19	E26	115072	72A19/3WAY/ECO	120	12 / 24	Soft White	430/800/1230	1000	4 1/4"	3

EISA standards for modified spectrum (True Daylight) lamps are 15% less stringent. See page 10-11 for EISA requirements.



Halogen Reflectors

R20, BR30, BR40

- 20% brighter than standard incandescent reflectors
- CC-8 filament type
- Ideal for residential and commercial use in recessed and track lighting

Product affected by EISA legislation, beginning July 14th of year noted. Only available while supplies last. See pg 12 for EISA compliant options.



R20

H45R20FL

BR30

H60BR30FL

H65BR30FL

BR40

H65BR40FL

H100BR40FL

H120BR40FL

For CFL alternatives, see pg 110-111; for LED PAR alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
45	R20	E26	692045	H45R20FL	120	12 / 96	Flood 60°	2800K	495	2500	280	3 7/8"	3
60	BR30	E26	▲694060	H60BR30FL	120	6 / 48	Flood 60°	2900K	750	2500	370	5 1/4"	2
65	BR30	E26	694065	H65BR30FL	120	6 / 48	Flood 60°	2900K	810	2500	420	5 1/4"	3
	BR40	E26	695065	H65BR40FL	120	6 / 24	Flood 60°	2900K	820	2500	425	6 1/2"	3
100	BR40	E26	▲695100	H100BR40FL	120	6 / 24	Flood 80°	3000K	1600	2500	500	6 1/2"	2
120	BR40	E26	▲695120	H120BR40FL	120	6 / 24	Flood 80°	3050K	1850	2500	620	6 1/2"	2

High Efficiency Halogen PARs

PAR20, PAR30, PAR30LN, PAR38



Arriving July 2012

High Efficiency Halogen = Halogen

35W = 50W

55W = 75W

70W = 90W

- Compliant with EISA General Service Incandescent Reflector Standards
- Consumes less energy while delivering equal light output to traditional Halogen PARs
- CC-8 filament type
- Ideal for residential and commercial use in recessed lighting, museums, galleries, and retail displays



PAR20
HIGH EFFICIENCY
H35PAR20FL/HE

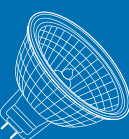
PAR30
HIGH EFFICIENCY
H35PAR30FL/HE
H55PAR30FL/HE
IR PARS
50CAP30NF/IR
50CAP30F/IR

PAR30 Long Neck
HIGH EFFICIENCY
H35PAR30FL/L/HE
H55PAR30FL/L/HE

PAR38
HIGH EFFICIENCY
H55PAR38FL/HE
H70PAR38FL/HE
IR PARS
60CAP38F/IR
60CAP38NF/IR

For CFL alternatives, see pg 112; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes
35	PAR20	E26	682430	H35PAR20FL/HE	120	1 / 15	Flood 40°±5°	2900K	500	1000	600	3 1/8"	1
	PAR30	E26	683430	H35PAR30FL/HE	120	1 / 15	Flood 40°±5°	2900K	500	1000	600	3 5/8"	1
	PAR30LN	E26	683431	H35PAR30FL/L/HE	120	1 / 15	Flood 40°±5°	2900K	500	1000	600	4 3/4"	1
50	PAR30	E26	691350	50CAP30NF/IR	120	1 / 15	N. Flood 25°	2825K	900	3000	2900	3 5/8"	M,1
			691050	50CAP30F/IR	120	1 / 15	Flood 35°	2810K	825	4000	1400	3 5/8"	M,1
55	PAR30	E26	683450	H55PAR30FL/HE	120	1 / 15	Flood 40°±5°	2900K	960	1000	1000	3 5/8"	1
	PAR30LN	E26	683451	H55PAR30FL/L/HE	120	1 / 15	Flood 40°±5°	2900K	960	1000	1000	4 3/4"	1
	PAR38	E26	684450	H55PAR38FL/HE	120	1 / 15	Flood 40°±5°	2900K	960	1000	1000	5 5/8"	1
60	PAR38	E26	691860	60CAP38NF/IR	120	1 / 15	N. Flood 25°	2825K	1110	3000	5000	5 5/8"	M,1
			691060	60CAP38F/IR	120	1 / 12	Flood 30°	2850K	1050	3000	3000	5 5/8"	M,1
70	PAR38	E26	684470	H70PAR38FL/HE	120	1 / 15	Flood 40°±5°	2950K	1300	1000	1700	5 5/8"	1



MR8 & MR11

GU4, D.C. Bayonet - 6V, 12V, 24V

- Provides UV protection
- Filament types include C-6, C-8, and CC-8
- Ideal for commercial use in retail displays, showcases or exhibits



MR8 12V

w/lens

20MR8LN
20MR8LW
35MR8LN
35MR8LW

MR11 6V

w/lens

5MR11NF/6
10MR11NF/6

MR11 12V

FTB

FTC

FTD

FTE

FTF

FTH

MR11 12V

w/lens

FTB/L FTE/L
FTC/L FTF/L
FTD/L FTH/L
5MR11NF/12
10MR11NF/12

MR11 24V

w/lens

FTB/24
FTC/24

MR11 12V

FST

GDX

MR11 12V

w/lens

FST/L
GDX/L

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
5	MR11	GU4	642065	5MR11NF/6	6	10 / 50	N. Flood 18°	2800K	-	2000	50	1 1/4"	4,6,8
			642025	5MR11NF/12	12	10 / 50	N. Flood 18°	2800K	50	2000	120	1 1/4"	4,6,8
10	MR11	GU4	642061	10MR11NF/6	6	10 / 50	N. Flood 18°	2800K	-	2000	150	1 1/4"	4,6,8
			642021	10MR11NF/12	12	10 / 50	N. Flood 18°	2800K	95	2000	350	1 1/4"	4,6,8
20	MR8	GU4	648020	20MR8LN	12	10 / 50	Narrow 10°	2900K	150	2000	1700	1 3/8"	4,6,8
			648120	20MR8LW	12	10 / 50	Wide 23°	2900K	155	2000	800	1 3/8"	4,6,8
	MR11	GU4	642120	FTB	12	10 / 50	Spot 10°	2850K	160	2000	1500	1 1/4"	4,6,8
			642220	FTC	12	10 / 50	N. Flood 16°	2850K	170	2000	500	1 1/4"	4,6,8
			642320	FTD	12	10 / 50	W. Flood 36°	2850K	160	2000	500	1 1/4"	4,6,8
			642122	FTB/L	12	10 / 50	Spot 10°	2850K	138	2000	1300	1 1/4"	4,6,8
			642222	FTC/L	12	10 / 50	N. Flood 16°	2850K	155	2000	450	1 1/4"	4,6,8
			642322	FTD/L	12	10 / 50	W. Flood 36°	2850K	150	2000	450	1 1/4"	4,6,8
			649120	FTB/24	24	10 / 50	Spot 10°	2850K	180	2000	1750	1 1/4"	D,4,6,8
			649220	FTC/24	24	10 / 50	N. Flood 16°	2850K	180	2000	720	1 1/4"	4,6,8
		BA15d	643220	FST	12	10 / 50	N. Flood 16°	2850K	190	2000	500	1 5/8"	4,6,8
			643221	FST/L	12	10 / 50	N. Flood 16°	2850K	180	2000	450	1 5/8"	4,6,8
35	MR8	GU4	648035	35MR8LN	12	10 / 50	Narrow 13°	3000K	275	2000	2300	1 1/4"	D,4,6,8
			648135	35MR8LW	12	10 / 50	Wide 26°	3000K	240	2000	1400	1 3/8"	D,4,6,8
	MR11	GU4	642135	FTE	12	10 / 50	Spot 10°	2900K	215	2000	2500	1 1/4"	4,6,8
			642235	FTF	12	10 / 50	N. Flood 16°	2900K	230	2000	800	1 1/4"	4,6,8
			642335	FTH	12	10 / 50	W. Flood 36°	2900K	220	2000	800	1 1/4"	4,6,8
			642137	FTE/L	12	10 / 50	Spot 10°	2900K	200	2000	2200	1 1/4"	D,4,6,8
			642237	FTF/L	12	10 / 50	N. Flood 16°	2900K	180	2000	720	1 1/4"	D,4,6,8
			642337	FTH/L	12	10 / 50	W. Flood 36°	2900K	200	2000	720	1 1/4"	4,6,8
		BA15d	643135	GDX	12	10 / 50	Spot 10°	2900K	330	2000	2500	1 5/8"	D,4,6,8
			643136	GDX/L	12	10 / 50	Spot 10°	2900K	315	2000	2200	1 5/8"	D,4,6,8

MR16

GU5.3 – 12V

- Provides UV protection
- Filament types include C-8 and CC-6
- Ideal for general residential and commercial applications



MR16 12V

BAB FRB EXZ EYC
ESX EXN FPA EYF
FMW EXT FPB

MR16 12V

w/lens

10MR16NF FMW/L EXZ/L
BAB/L EXN/L EYC/L
ESX/L EXT/L EYF/L

MR16 12V

TOTAL FROST w/lens

BAB/TFR
FMW/TFR
EXN/TFR

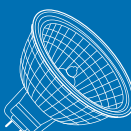
MR16 12V

w/wide flood lens

20MR16WFL/L
35MR16WFL/L
FNV/L

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
10	MR16	GU5.3	641210	10MR16NF	12	10 / 50	N. Flood 24°	2800K	100	2000	270	1 7/8"	4,6,8
20	MR16	GU5.3	641320	BAB	12	10 / 50	Flood 36°	2850K	165	2000	500	1 7/8"	4,6,8
			645320	BAB/L	12	10 / 50	Flood 36°	2850K	150	2000	450	1 7/8"	4,6,8
			641120	ESX	12	10 / 50	N. Spot 12°	2850K	150	2000	2200	1 7/8"	4,6,8
			645120	ESX/L	12	10 / 50	N. Spot 12°	2850K	180	2000	2000	1 7/8"	4,6,8
			636120	BAB/TFR	12	10 / 50	Frost & Flood 36°	3000K	310	2000	560	1 7/8"	4,6,8
			641420	20MR16WFL/L	12	10 / 50	V. Wide Flood 60°	3000K	160	2000	260	1 7/8"	4,6,8
35	MR16	GU5.3	641335	FMW	12	10 / 50	Flood 36°	2900K	225	2000	925	1 7/8"	4,6,8
			645335	FMW/L	12	10 / 50	Flood 36°	2900K	220	2000	810	1 7/8"	4,6,8
			641135	FRB	12	10 / 50	N. Spot 12°	2900K	250	2000	3600	1 7/8"	4,6,8
			636135	FMW/TFR	12	10 / 50	Frost & Flood 36°	3100K	480	2000	750	1 7/8"	4,6,8
			641435	35MR16WFL/L	12	10 / 50	V. Wide Flood 60°	3100K	240	2000	510	1 7/8"	D,4,6,8
50	MR16	GU5.3	641350	EXN	12	10 / 50	Flood 36°	2900K	280	2000	1600	1 7/8"	4,6,8
			645350	EXN/L	12	10 / 50	Flood 36°	2900K	250	2000	1500	1 7/8"	4,6,8
			641150	EXT	12	10 / 50	N. Spot 12°	2900K	260	2000	7000	1 7/8"	4,6,8
			645150	EXT/L	12	10 / 50	N. Spot 12°	2900K	290	2000	6500	1 7/8"	4,6,8
			641250	EXZ	12	10 / 50	N. Flood 24°	2900K	265	2000	1600	1 7/8"	4,6,8
			645250	EXZ/L	12	10 / 50	N. Flood 24°	2900K	285	2000	1500	1 7/8"	4,6,8
			636150	EXN/TFR	12	10 / 50	Frost & Flood 36°	3200K	700	2000	1200	1 7/8"	4,6,8
			641450	FNV/L	12	10 / 50	V. Wide Flood 60°	3200K	250	2000	950	1 7/8"	4,6,8
65	MR16	GU5.3	641165	FPA	12	10 / 50	N. Spot 15°	2900K	210	2000	7100	1 3/4"	4,6,8
			641365	FPB	12	10 / 50	Flood 35°	2900K	200	2000	2000	1 3/4"	4,6,8
75	MR16	GU5.3	641375	EYC	12	10 / 50	Flood 36°	2900K	550	2000	1750	1 7/8"	4,6,8
			645375	EYC/L	12	10 / 50	Flood 36°	2900K	510	2000	1650	1 7/8"	4,6,8
			641175	EYF	12	10 / 50	N. Spot 14°	2900K	300	2000	9500	1 7/8"	4,6,8
			645175	EYF/L	12	10 / 50	N. Spot 14°	2900K	470	2000	8700	1 7/8"	D,4,6,8



halogen



MR16

GU5.3, GY8 – 24V, 120V

- Provides UV protection
- Filament types include CC-2V and CC-8
- Ideal for general residential and commercial applications



MR16 24V GU5.3 Base

w/lens
BAB/24 EXN/24
FMW/24 EXT/24
FRB/24 EYF/24

MR16 120V GU5.3 Base

w/lens
BAB/120
FMW/120
EXN/120

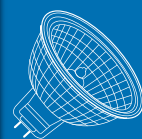
MR16 120V GY8 Base

w/lens
BAB/GY8
FMW/GY8
EXN/GY8

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
20	MR16	GU5.3	646320	BAB/24	24	10 / 50	Flood 36°	2850K	260	2000	405	1 7/8"	4,6,8
			620020	BAB/120	120	10 / 50	Flood 36°	2500K	130	2000	160	1 7/8"	4,6
		GY8	620320	BAB/GY8	120	10 / 50	Flood 36°	2500K	110	2000	160	1 7/8"	4,6
35	MR16	GU5.3	646135	FRB/24	24	10 / 50	N. Spot 12°	2900K	370	2000	3600	1 7/8"	D,4,6,8
			646335	FMW/24	24	10 / 50	Flood 36°	2900K	350	2000	1000	1 7/8"	4,6,8
		GY8	620035	FMW/120	120	10 / 50	Flood 36°	2600K	345	2000	360	1 7/8"	4,6
			620335	FMW/GY8	120	10 / 50	Flood 36°	2600K	310	2000	360	1 7/8"	4,6
50	MR16	GU5.3	646150	EXT/24	24	10 / 50	N. Spot 12°	2900K	530	2000	6000	1 7/8"	4,6,8
			646350	EXN/24	24	10 / 50	Flood 36°	2900K	625	2000	1845	1 7/8"	4,6,8
		GY8	620050	EXN/120	120	10 / 50	Flood 36°	2750K	595	2000	600	1 7/8"	4,6
			620350	EXN/GY8	120	10 / 50	Flood 36°	2750K	580	2000	600	1 7/8"	4,6
75	MR16	GU5.3	646175	EYF/24	24	10 / 50	N. Spot 14°	2900K	1060	2000	6500	1 7/8"	D,4,6,8

MR16 - Long Life, Constant Color & IR

GU5.3 - 12V



halogen

- GE's Constant Color® lamps feature hard coated dichroic reflector creating consistent color over life of lamp
- IR lamps use less wattage and deliver higher light output
- Filament types include C-6, C-9 and Axial
- Ideal for residential and commercial applications, for both indoor and outdoor use



Long Life GU5.3 Base w/lens

BAB/US	EXN/US
ESX/US	EXT/US
FMW/US	EXZ/US
FRB/US	FNV/US

GE's Constant Color GU5.3 Base w/lens

20MR16C/CG15	50MR16C/CG15
20MR16C/CG40	50MR16C/CG25
35MR16C/CG12	50MR16C/CG40
35MR16C/CG20	50MR16C/CG55
35MR16C/CG40	71MR16C/CG15
	71MR16C/CG40

IR GU5.3 Base w/lens

37MR16IRSP	50MR16IRSP
37MR16IRNF	50MR16IRNF
37MR16IRFL	50MR16IRFL

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Average Hours	CBCP	M.O.L.	Notes pg. 92
20	MR16	GU5.3	641321	BAB/US	12	10 / 20	Flood 36°	3000K	2000	510	1 3/4"	M,4,6,8
			641121	ESX/US	12	10 / 20	Spot 10°	2800K	2000	3000	1 3/4"	M,4,6,8
			642420	20MR16C/CG15	12	10 / 20	Spot 15°	2900K	5000	3150	1 7/8"	M,4,6,8
			642421	20MR16C/CG40	12	10 / 20	Flood 40°	2900K	5000	475	1 7/8"	M,4,6,8
35	MR16	GU5.3	641336	FMW/US	12	10 / 20	Flood 36°	2900K	2000	1000	1 3/4"	M,4,6,8
			641136	FRB/US	12	10 / 20	Spot 10°	2900K	2000	6000	1 3/4"	M,4,6,8
			642434	35MR16C/CG12	12	10 / 20	Spot 12°	3000K	5000	7500	1 7/8"	M,4,6,8
			642435	35MR16C/CG20	12	10 / 20	Spot 20°	3000K	5000	3200	1 7/8"	M,4,6,8
			642436	35MR16C/CG40	12	10 / 20	Flood 40°	3000K	5000	900	1 7/8"	M,4,6,8
37	MR16	GU5.3	641513	37MR16IRSP	12	10 / 20	Spot 10° IR	3000K	5000	12,500	1 3/4"	M,4,6,8
			641523	37MR16IRNF	12	10 / 20	N. Flood 24° IR	3000K	5000	4400	1 3/4"	M,4,6,8
			641533	37MR16IRFL	12	10 / 20	Flood 35° IR	3000K	5000	2200	1 3/4"	M,4,6,8
50	MR16	GU5.3	641515	50MR16IRSP	12	10 / 20	Spot 10° IR	3000K	5000	15,000	1 3/4"	M,4,6,8
			641525	50MR16IRNF	12	10 / 20	N. Flood 24° IR	3100K	4000	5300	1 3/4"	M,4,6,8
			641535	50MR16IRFL	12	10 / 20	Flood 36° IR	3100K	5000	2850	1 3/4"	M,4,6,8
			641351	EXN/US	12	10 / 20	Flood 36°	2950K	2000	1450	1 3/4"	M,4,6,8
			641151	EXT/US	12	10 / 20	Spot 10°	3000K	2000	7800	1 3/4"	M,4,6,8
			641251	EXZ/US	12	10 / 20	Flood 24°	3000K	2000	2800	1 3/4"	M,4,6,8
			641451	FNV/US	12	10 / 20	V. Wide Flood 60°	3000K	2000	690	1 3/4"	M,4,6,8
			642450	50MR16C/CG15	12	10 / 20	N. Spot 15°	3050K	6000	8400	1 7/8"	M,4,6,8
			642451	50MR16C/CG25	12	10 / 20	N. Flood 25°	3050K	6000	2900	1 7/8"	M,4,6,8
			642452	50MR16C/CG40	12	10 / 20	Flood 40°	3050K	6000	1500	1 7/8"	M,4,6,8
71	MR16	GU5.3	642470	71MR16C/CG15	12	10 / 20	N. Flood 15°	3050K	4000	10,800	1 7/8"	M,4,6,8
			642471	71MR16C/CG40	12	10 / 20	Flood 40°	3050K	4000	2000	1 7/8"	M,4,6,8



Specialty MR16

3500K, 4600K, 10,000 Hours, Colors

- Color MR16s feature integrated colored cover glass with aluminized coating
- Provides UV protection
- C-6 filament type
- Ideal for residential and commercial applications; most commonly used in track lighting, art galleries, jewelry stores and salons



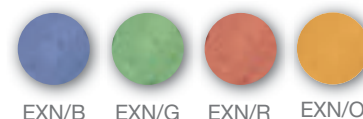
3500K 4600K w/lens

FMW/35K FMW/46K
EXT/35K EXZ/46K
EXT/46K

Super Long Life 10,000 Hours

w/lens
BAB/10M
FMW/10M
EXN/10M
EXZ/10M
EXT/10M

MR16 Colors w/lens



* Lamps may vary in color when lit

For LED alternatives, see Bulbrite's LED catalog.

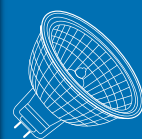
Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description/Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
20	MR16	GU5.3	639020	BAB/10M	12	10 / 50	Flood 36°	2900K	180	10,000	600	1 7/8"	4,6,8
35	MR16	GU5.3	640635	FMW/35K	12	10 / 50	Flood 36°	3500K	185	3000	650	1 7/8"	D,4,6,8
			640335	FMW/46K	12	10 / 50	Flood 36°	4600K	345	3000	425	1 7/8"	D,4,6,8
			639035	FMW/10M	12	10 / 50	Flood 36°	3000K	275	10,000	1100	1 7/8"	4,6,8
50	MR16	GU5.3	640450	EXT/35K	12	10 / 50	N. Spot 12°	3500K	400	3000	3400	1 7/8"	D,4,6,8
			640150	EXT/46K	12	10 / 50	N. Spot 12°	4600K	450	3000	2280	1 7/8"	D,4,6,8
			639250	EXT/10M	12	10 / 50	N. Spot 12°	3000K	420	10,000	8650	1 7/8"	4,6,8
			640250	EXZ/46K	12	10 / 50	N. Flood 24°	4600K	370	3000	750	1 7/8"	D,4,6,8
			639150	EXZ/10M	12	10 / 50	N. Flood 25°	3000K	385	10,000	3450	1 7/8"	4,6,8
			639050	EXN/10M	12	10 / 50	Flood 36°	3000K	420	10,000	1650	1 7/8"	4,6,8
			637150	EXN/B	12	10 / 50	Blue 36°	-	-	2000	-	1 7/8"	4,6,8
			637250	EXN/G	12	10 / 50	Green 36°	-	-	2000	-	1 7/8"	4,6,8
			637350	EXN/R	12	10 / 50	Red 36°	-	-	2000	-	1 7/8"	4,6,8
			637550	EXN/O	12	10 / 50	Orange 36°	-	-	2000	-	1 7/8"	4,6,8

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Specialty MR11 & MR16

Black, Silver



halogen

- Aluminized reflectors dissipate heat through the front of the lamp, reducing pink backspill
- Provides UV protection
- Filament types include CCM and C-6
- Ideal for residential and commercial applications; most commonly used in landscape lighting, recessed and track lighting



MR11 GU4 Base
w/lens
BLACK **SILVER**
FTD/BLK FTD/SLV

MR16 GU5.3 Base
w/lens
BLACK **SILVER**
BAB/BLK BAB/SLV
FMW/BLK FMW/SLV
EXN/BLK EXN/SLV
EXN/BLK/24 EXN/SLV/24
EXZ/BLK EXZ/SLV

MR16 GU10 Base
w/lens
BLACK **SILVER**
FMW/GU10/BLK FMW/GU10/SLV
EXN/GU10/BLK EXN/GU10/SLV

For CFL MR16 GU10 alternatives, see pg 115; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description/Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
20	MR11	GU4	638200	FTD/BLK	12	10 / 50	Black 36°	2900K	115	3000	750	1 ¼"	6.8
			638201	FTD/SLV	12	10 / 50	Silver 36°	2900K	120	3000	750	1 ¼"	6.8
	MR16	GU5.3	638220	BAB/BLK	12	10 / 50	Black 36°	2900K	125	3000	750	1 ⅞"	6.8
			638221	BAB/SLV	12	10 / 50	Silver 36°	2900K	155	3000	750	1 ⅞"	6.8
35	MR16	GU5.3	638350	FMW/BLK	12	10 / 50	Black 36°	3000K	290	3000	1320	1 ⅞"	6.8
			638351	FMW/SLV	12	10 / 50	Silver 36°	3000K	275	3000	1320	1 ⅞"	6.8
		GU10	638030	FMW/GU10/BLK	120	10 / 50	Black 36°	3000K	255	3000	1320	2 ⅛"	D.6
			638031	FMW/GU10/SLV	120	10 / 50	Silver 36°	3000K	245	3000	1320	2 ⅛"	D.6
50	MR16	GU5.3	638500	EXN/BLK	12	10 / 50	Black 36°	3000K	345	3000	1800	1 ⅞"	6.8
			638501	EXN/SLV	12	10 / 50	Silver 36°	3000K	270	3000	1800	1 ⅞"	6.8
			638520	EXN/BLK/24	24	10 / 50	Black 38°	3000K	645	3000	1800	1 ⅞"	6.8
			638521	EXN/SLV/24	24	10 / 50	Silver 38°	3000K	645	3000	1800	1 ⅞"	6.8
			638510	EXZ/BLK	12	10 / 50	Black 24°	3000K	320	3000	4670	1 ⅞"	6.8
			638511	EXZ/SLV	12	10 / 50	Silver 24°	3000K	340	3000	4670	1 ⅞"	6.8
		GU10	638050	EXN/GU10/BLK	120	10 / 50	Black 36°	3000K	460	3000	1800	2 ⅛"	6
			638051	EXN/GU10/SLV	120	10 / 50	Silver 36°	3000K	370	3000	1800	2 ⅛"	6



MR11, MR16 & MR20

GU10 - 120V

- Provides UV protection
- MR11 has frosted back to produce soft white backspill
- Filament types include CC-2V and CC-8
- Ideal for residential and commercial applications; most commonly used in landscape lighting, recessed and track lighting



MR11 GU10 Base
FROST
 w/clear lens
 20MR11/GU10F
 35MR11/GU10F

MR16 GU10 Base
 w/clear lens
 BAB/GU10
 FMW/GU10
 EXN/GU10
 EXZ/GU10
 w/frosted lens
 FMW/GU10/FR
 EXN/GU10/FR

MR20 GU10 Base
 w/lens
 75MR20/GU10F
 75MR20/GU10S

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description/Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
20	MR11	GU10	620520	20MR11/GU10F	120	10 / 50	Flood 36°	2500K	250	2000	80	1 7/8"	6
	MR16	GU10	620120	BAB/GU10	120	10 / 50	Flood 36°	2500K	100	2000	160	2 1/16"	6
35	MR11	GU10	620535	35MR11/GU10F	120	10 / 50	Flood 36°	2600K	370	2000	220	1 7/8"	6
	MR16	GU10	620135	FMW/GU10	120	10 / 50	Flood 36°	2600K	270	2000	360	2 1/4"	6
			620137	FMW/GU10/FR	120	10 / 50	Frost & Flood 36°	2600K	520	3000	220	2 1/4"	6
50	MR16	GU10	620150	EXN/GU10	120	10 / 50	Flood 36°	2750K	455	2000	600	2 1/4"	6
			620153	EXN/GU10/FR	120	10 / 50	Frost & Flood 36°	2850K	275	3000	200	2 1/4"	6
			620151	EXZ/GU10	120	10 / 50	N. Flood 24°	2750K	430	2000	600	2 1/4"	6
75	MR20	GU10	620475	75MR20/GU10F	120	10 / 50	Flood 45°	2850K	580	2000	1000	2 9/16"	6
			620476	75MR20/GU10S	120	10 / 50	Spot 25°	2850K	605	2000	1000	2 9/16"	6



R111 & DJD GU10 - 120V

- R111 is lensed with precise beam spreads
- DJD has double glass envelope which eliminates need for shielding
- CC-8 Filament types
- Ideal for residential and commercial applications; most commonly used in recessed and track lighting and pendants



R111

Flood

50R111GU/FL
75R111GU/FL

Flood Long Neck

50R111FL/LN
100R111FL/LN
100R111WF/LN

DJD

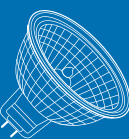
CLEAR

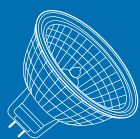
Q35CL/GU10
Q50CL/GU10

FROST

Q35FR/GU10
Q50FR/GU10

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description/Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes
35	T6	GU10	617035	Q35CL/GU10	120	10 / 50	Clear	2750K	450	2000	-	2 5/8"	6
			617135	Q35FR/GU10	120	10 / 50	Frost	2700K	430	2000	-	2 5/8"	6
50	R111	GU10	634050	50R111GU/FL	120	6 / 48	Flood 24°	2750K	480	2000	1200	2 3/4"	6
			634250	50R111FL/LN	120	6 / 48	Flood 24°	2850K	285	2000	1110	3 1/4"	D,6
	T6	GU10	617050	Q50CL/GU10	120	10 / 50	Clear	2800K	670	2000	-	2 5/8"	6
			617150	Q50FR/GU10	120	10 / 50	Frost	2750K	650	2000	-	2 5/8"	6
100	R111	GU10	634075	75R111GU/FL	120	6 / 48	Flood 24°	2850K	795	2000	2200	2 3/4"	6
			634200	100R111FL/LN	120	6 / 48	Flood 24°	2900K	790	2000	4500	3 1/4"	D,6
			634202	100R111WF/LN	120	6 / 48	W. Flood 40°	2900K	1160	2000	1350	3 1/4"	D,6





Mini PAR16, JDR & PAR14 120V

- Bright white, halogen light
- Filament types include CC-8 and CC-M
- Ideal for commercial applications; most commonly used in museums, galleries, and retail displays

halogen



Mini PAR16 Clear

BAB/E26
FMW/E26
EXN/E26

Mini PAR16 Frost

FMW/FR/E26
EXN/FR/E26

JDR Intermediate Base

Q75MR16M

JDR Medium Base

Q75MR16EM
Q75MR16EW
Q100MR16EW

PAR14 35CAP14FL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description/Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
20	PAR16	E26	620220	BAB/E26	120	10 / 50	Flood 38°	2750K	140	2000	300	2 1/4"	6
35	PAR14	E26	681435	35CAP14FL	120	1 / 6	Flood 50°	2775K	450	2000	200	2 7/16"	M,6
	PAR16		620235	FMW/E26	120	10 / 50	Flood 38°	2800K	310	2000	500	2 1/4"	6
			620236	FMW/FR/E26	120	10 / 50	Frost & Flood 38°	2750K	220	2000	210	2 1/4"	D,4,6
50	PAR16	E26	620250	EXN/E26	120	10 / 50	Flood 38°	2850K	480	2000	800	2 1/4"	6
			620251	EXN/FR/E26	120	10 / 50	Frost & Flood 38°	2750K	450	2000	435	2 1/4"	D,4,6
75	PAR16	E17	622075	Q75MR16M	120	10 / 50	Medium 18°	2760K	875	2000	3500	2 3/4"	4,6
		E26	633075	Q75MR16EW	120	10 / 50	Wide 28°	2760K	880	2000	2100	2 5/8"	4,6
			632075	Q75MR16EM	120	10 / 50	Medium 18°	2760K	1075	2000	3500	2 5/8"	4,6
100	PAR16	E26	633100	Q100MR16EW	120	10 / 50	Wide 28°	2850K	985	2000	3000	2 5/8"	4,6

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Product affected by
EISA legislation, beginning
July 14th of year noted.
Only available while supplies last.
See pg 65 for EISA compliant options.

PAR16 & PAR20

120V, 130V, Cool Beam

- Bright white, halogen light
- CC-8 filament type
- Ideal for commercial applications; most commonly used in museums, galleries, and retail displays



halogen

PAR16

120V

60CAP16NF2
60CAP16NS2
75CAP16NF2
75CAP16NS2

130V

60CAP16NF3
60CAP16NS3
75CAP16NF3
75CAP16NS3

PAR16

120V

H40PAR16FL
H60PAR16FL
H60PAR16SP
H75PAR16FL

130V

H60PAR16FL3

PAR20

120V

H35PAR20NS
H50PAR20NS

PAR20

120V

H35PAR20NF
H50PAR20NF

130V

H50PAR20NF3
COOL BEAM
H50PAR20/CB

For CFL alternatives, see pg 112; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
35	PAR20	E26	682031	H35PAR20NS	120	1 / 15	N. Spot 10°	2850K	380	2000	3000	3 1/8"	A,3
			682033	H35PAR20NF	120	1 / 15	N. Flood 30°	2850K	380	2000	1000	3 1/8"	A,3
40	PAR16	E26	681640	H40PAR16FL	120	1 / 15	Flood 30°	2850K	400	2000	830	3 1/8"	6
50	PAR20	E26	▲ 682051	H50PAR20NS	120	1 / 15	N. Spot 10°	2850K	550	2000	3000	3 1/8"	A,2
			▲ 682053	H50PAR20NF	120	1 / 15	N. Flood 30°	2850K	550	2000	1000	3 1/8"	A,2
			▲ 682153	H50PAR20NF3	130	1 / 15	N. Flood 30°	2850K	500	5000	1000	3 1/8"	A,2,7
			▲ 690050	H50PAR20/CB	120	1 / 15	N. Flood 30°	2850K	550	2500	1000	3 1/8"	2
60	PAR16	E26	681651	60CAP16NF2	120	1 / 15	N. Flood 30°	2850K	650	2000	1300	2 7/8"	M,6
			681652	60CAP16NS2	120	1 / 15	N. Spot 10°	2850K	650	2000	5000	2 7/8"	M,6
			681660	H60PAR16FL	120	1 / 15	Flood 30°	2900K	650	2500	1100	3 1/8"	6
			681663	H60PAR16FL3	130	1 / 15	Flood 30°	2900K	600	5000	1100	3 1/8"	6,7
			681661	H60PAR16SP	120	1 / 15	Spot 10°	2900K	650	2500	3300	3 1/8"	6
			682651	60CAP16NF3	130	1 / 15	N. Flood 30°	2850K	650	2000	1300	2 7/8"	M,6,7
	PAR20	E26	690050	H50PAR20/CB	120	1 / 15	N. Flood 30°	2850K	550	2500	1000	3 1/8"	2
75	PAR16	E26	681671	75CAP16NF2	120	1 / 15	N. Flood 30°	2900K	900	2000	1900	2 7/8"	M,6
			681672	75CAP16NS2	120	1 / 15	N. Spot 10°	2900K	900	2000	7500	2 7/8"	M,6
			682671	75CAP16NF3	130	1 / 15	N. Flood 30°	2900K	900	2000	1900	2 7/8"	M,6,7
			682672	75CAP16NS3	130	1 / 15	N. Spot 10°	2900K	900	2000	7500	2 7/8"	M,6,7
			681675	H75PAR16FL	120	1 / 15	Flood 30°	2950K	900	2500	1300	3 1/8"	6

Lumens and Average Hours for 130V lamps are based on 120V line.

BULBRITE®

PAR30 Short Neck & Long Neck

120V, 130V, Cool Beam

Product affected by
EISA legislation, beginning
July 14th of year noted.
Only available while supplies last.
See pg 65 for EISA compliant options.



- Bright white, halogen light
- CC-8 filament type
- Ideal for commercial applications; most commonly used in museums, galleries, and retail displays



PAR30 Short Neck

120V	130V	COOL BEAM
H50PAR30NS	H50PAR30NF3	H75PAR30/CB
H50PAR30NF	H50PAR30FL3	
H50PAR30FL	H75PAR30NF3	
H75PAR30NS	H75PAR30FL3	
H75PAR30NF		
H75PAR30FL		

PAR30 Long Neck

120V	130V	COOL BEAM
H50PAR30NF/L	H50PAR30NF3L	H75PAR30L/CB
H50PAR30FL/L	H50PAR30FL3L	
H75PAR30NS/L	H75PAR30NF3L	
H75PAR30NF/L	H75PAR30FL3L	
H75PAR30FL/L		

For CFL alternatives, see pg 112; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
50	PAR30	E26	▲ 683051	H50PAR30NS	120	1 / 15	N. Spot 9°	2850K	660	2500	4100	3 1/2"	2
			▲ 683053	H50PAR30NF	120	1 / 15	N. Flood 30°	2850K	660	2500	1400	3 1/2"	A,2
			▲ 683054	H50PAR30FL	120	1 / 15	Flood 40°	2850K	660	2500	1200	3 1/2"	A,2
			▲ 683253	H50PAR30NF3	130	1 / 15	N. Flood 30°	2850K	460	5000	1400	3 1/2"	A,2,7
			▲ 683254	H50PAR30FL3	130	1 / 15	Flood 40°	2850K	460	5000	1200	3 1/2"	A,2,7
			▲ 683153	H50PAR30NF/L	120	1 / 15	N. Flood 30°	2850K	660	2500	1400	4 2/3"	A,2
	PAR30LN	E26	▲ 683154	H50PAR30FL/L	120	1 / 15	Flood 40°	2850K	660	2500	1200	4 2/3"	2
			▲ 683353	H50PAR30NF3L	130	1 / 15	N. Flood 30°	2850K	460	5000	1400	4 2/3"	A,2,7
			▲ 683354	H50PAR30FL3L	130	1 / 15	Flood 40°	2850K	460	5000	1200	4 2/3"	2,7
75	PAR30	E26	▲ 683071	H75PAR30NS	120	1 / 15	N. Spot 9°	2950K	1100	2500	9000	3 1/2"	2
			▲ 683073	H75PAR30NF	120	1 / 15	N. Flood 30°	2950K	1100	2500	2200	3 1/2"	A,2
			▲ 683074	H75PAR30FL	120	1 / 15	Flood 40°	2950K	1100	2500	1700	3 1/2"	A,2
			▲ 683273	H75PAR30NF3	130	1 / 15	N. Flood 30°	2950K	850	5000	2200	3 1/2"	2,7
			▲ 683274	H75PAR30FL3	130	1 / 15	Flood 40°	2950K	850	5000	1700	3 1/2"	A,2,7
			▲ 690075	H75PAR30/CB	120	1 / 15	Flood 40°	2950K	940	2500	1700	3 1/2"	2
	PAR30LN	E26	▲ 683171	H75PAR30NS/L	120	1 / 15	N. Spot 9°	2950K	1100	2500	9000	4 2/3"	A,2
			▲ 683173	H75PAR30NF/L	120	1 / 15	N. Flood 30°	2950K	1100	2500	2200	4 2/3"	A,2
			▲ 683174	H75PAR30FL/L	120	1 / 15	Flood 40°	2950K	1100	2500	1700	4 2/3"	2
			▲ 683373	H75PAR30NF3L	130	1 / 15	N. Flood 30°	2950K	850	5000	2200	4 2/3"	A,2,7
			▲ 683374	H75PAR30FL3L	130	1 / 15	Flood 40°	2950K	1160	5000	1700	4 2/3"	2,7
			▲ 690076	H75PAR30L/CB	120	1 / 15	Flood 40°	2950K	940	2500	1700	4 2/3"	2

Lumens and Average Hours for 130V lamps are base on a 120V line.

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Product affected by
EISA legislation, beginning
July 14th of year noted.
Only available while supplies last.
See pg 65 for EISA compliant options.

PAR38

120V, 130V, Cool Beam

- Bright white, halogen light
- CC-8 filament type
- Ideal for residential applications, for both indoor and outdoor use



halogen

PAR38

120V

H45PAR38FL
H60PAR38FL
H75PAR38FL
H90PAR38SP
H90PAR38FL
H120PAR38FL
H150PAR38FL
250CAP38SP
250CAP38FL

130V

H45PAR38FL3
H60PAR38FL3
H75PAR38FL3
H90PAR38FL3
H120PAR38FL3

COOL BEAM

H90PAR38/CB

For CFL alternatives, see pg 112; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
45	PAR38	E26	▲ 683844	H45PAR38FL	120	1 / 15	Flood 30°	2800K	520	2500	1200	5 5/16"	A,2
			▲ 683845	H45PAR38FL3	130	1 / 15	Flood 30°	2800K	440	5000	1200	5 5/16"	A,2,7
60	PAR38	E26	▲ 683864	H60PAR38FL	120	1 / 15	Flood 30°	2900K	880	2500	1700	5 5/16"	A,2
			▲ 683865	H60PAR38FL3	130	1 / 15	Flood 30°	2900K	700	5000	1700	5 5/16"	2,7
75	PAR38	E26	▲ 683874	H75PAR38FL	120	1 / 15	Flood 30°	2950K	1100	2500	2500	5 5/16"	A,2
			▲ 683875	H75PAR38FL3	130	1 / 15	Flood 30°	2950K	940	5000	2500	5 5/16"	A,2,7
90	PAR38	E26	▲ 683892	H90PAR38SP	120	1 / 15	Spot 12°	3000K	1270	2500	12000	5 5/16"	2
			▲ 683894	H90PAR38FL	120	1 / 15	Flood 30°	3000K	1270	2500	3200	5 5/16"	A,2
			▲ 683895	H90PAR38FL3	130	1 / 15	Flood 30°	3000K	1100	5000	3200	5 5/16"	A,2,7
			▲ 690090	H90PAR38/CB	120	1 / 15	Flood 30°	3000K	1260	2500	3200	5 5/16"	2
120	PAR38	E26	▲ 683924	H120PAR38FL	120	1 / 15	Flood 30°	3050K	1850	2500	3500	5 5/16"	A,2
			▲ 683925	H120PAR38FL3	130	1 / 15	Flood 30°	3050K	1440	5000	3500	5 5/16"	2,7
150	PAR38	E26	▲ 683954	H150PAR38FL	120	1 / 15	Flood 30°	3100K	2210	2500	4300	5 5/16"	2
250	PAR38	E26	682502	250CAP38SP	120	1 / 6	Spot 10°	3025K	3600	4500	46,500	5 5/16"	M,3
			682501	250CAP38FL	120	1 / 6	Flood 30°	3025K	3600	4500	9000	5 5/16"	M,3

Lumens and Average Hours for 130V lamps are based on 120V line.



Frosted PARs

PAR20, PAR30, PAR30LN, PAR38

- Soft, glare-free halogen light
- CC-8 filament type
- Ideal for residential and commercial applications; most commonly used in track lighting

Product affected by EISA legislation, beginning July 14th of year noted. Only available while supplies last. See pg 65 for EISA compliant options.



PAR20 Frost
H50PAR20FR2



PAR30 Frost
H50PAR30FR2
H75PAR30FR2
H75PAR30FR3



PAR30 Long Neck Frost
H50PAR30FR2/L
H75PAR30FR2/L
H75PAR30FR3/L



PAR38 Frost
H90PAR38FR2

For CFL alternatives, see pg 112; for LED alternatives, see Bulbrite's LED catalog.

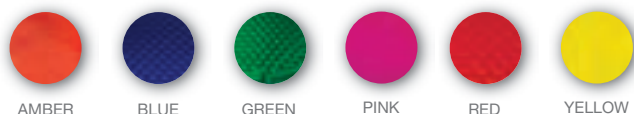
Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description/Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
50	PAR20	E26	▲ 682154	H50PAR20FR2	120	1 / 15	Frost 40°	2850K	500	2500	700	3 1/8"	2
	PAR30	E26	▲ 683255	H50PAR30FR2	120	1 / 15	Frost 40°	2850K	500	2500	785	3 5/8"	2
	PAR30LN	E26	▲ 683155	H50PAR30FR2/L	120	1 / 15	Frost 40°	2850K	500	2500	450	4 2/3"	2
75	PAR30	E26	▲ 683075	H75PAR30FR2	120	1 / 15	Frost 40°	2950K	990	2500	1150	3 5/8"	2
			▲ 683275	H75PAR30FR3	130	1 / 15	Frost 40°	2950K	880	5000	785	3 5/8"	2,7
	PAR30LN	E26	▲ 683175	H75PAR30FR2/L	120	1 / 15	Frost 40°	2950K	990	2500	665	4 2/3"	2
			▲ 683375	H75PAR30FR3/L	130	1 / 15	Frost 40°	2950K	880	5000	965	4 2/3"	2,7
	PAR38	E26	▲ 683896	H90PAR38FR2	120	1 / 15	Frost 40°	3000K	1140	3000	1200	5 5/8"	2

Lumens and Average Hours for 130V lamps are based on a 120V line.

Colored PARs

PAR20, PAR30, PAR38

- Heat resistant paint creates vibrant colors
- CC-8 filament type
- Ideal for residential and commercial applications, for both indoor and outdoor use



* Lamps may vary in color when lit



PAR20 Colors

H50PAR20A
H50PAR20B
H50PAR20G
H50PAR20P
H50PAR20R
H50PAR20Y

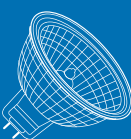
PAR30 Colors

H75PAR30A
H75PAR30B
H75PAR30G
H75PAR30P
H75PAR30R
H75PAR30Y

PAR38 Colors

H90PAR38A
H90PAR38B
H90PAR38G
H90PAR38P
H90PAR38R
H90PAR38Y

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Average Hours	M.O.L.	Notes pg. 92
50	PAR20	E26	683502	H50PAR20A	120	1 / 15	Amber	2500	3 1/8"	3
			683503	H50PAR20B	120	1 / 15	Blue	2500	3 1/8"	3
			683504	H50PAR20G	120	1 / 15	Green	2500	3 1/8"	3
			683506	H50PAR20P	120	1 / 15	Pink	2500	3 1/8"	3
			683507	H50PAR20R	120	1 / 15	Red	2500	3 1/8"	3
			683508	H50PAR20Y	120	1 / 15	Yellow	2500	3 1/8"	3
75	PAR30	E26	683752	H75PAR30A	120	1 / 15	Amber	2500	3 5/8"	3
			683753	H75PAR30B	120	1 / 15	Blue	2500	3 5/8"	3
			683754	H75PAR30G	120	1 / 15	Green	2500	3 5/8"	3
			683756	H75PAR30P	120	1 / 15	Pink	2500	3 5/8"	3
			683757	H75PAR30R	120	1 / 15	Red	2500	3 5/8"	3
			683758	H75PAR30Y	120	1 / 15	Yellow	2500	3 5/8"	3
90	PAR38	E26	683902	H90PAR38A	120	1 / 15	Amber	2500	5 5/16"	3
			683903	H90PAR38B	120	1 / 15	Blue	2500	5 5/16"	3
			683904	H90PAR38G	120	1 / 15	Green	2500	5 5/16"	3
			683906	H90PAR38P	120	1 / 15	Pink	2500	5 5/16"	3
			683907	H90PAR38R	120	1 / 15	Red	2500	5 5/16"	3
			683908	H90PAR38Y	120	1 / 15	Yellow	2500	5 5/16"	3



Sealed Beam

PAR36, PAR56

- Bright white light and long life
- Filament types include C-6 and CC-6
- PAR36 is ideal for landscape applications
- Ideal for commercial applications; most commonly used in transportation and industrial equipment



PAR36

HX36PAR36NSP
HX36PAR36WFL
HX50PAR36VNS
HX50PAR36WFL

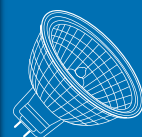
PAR56

Q500PAR/NSP
Q500PAR/MFL
Q500PAR/WFL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
36	PAR36	SCREW TERMINAL	683612	HX36PAR36NSP	12	12 / 48	N. Spot 12°	2800K	400	4000	3500	2 7/8"	A,8
			683613	HX36PAR36WFL	12	12 / 48	W. Flood 32°	2800K	400	4000	1000	2 7/8"	A,8
50	PAR36	SCREW TERMINAL	674151	HX50PAR36VNS	12	12 / 48	V. Narrow Spot 5°	3000K	650	4000	25,000	2 7/8"	D,8
			674351	HX50PAR36WFL	12	12 / 48	W. Flood 32°	3000K	650	4000	1600	2 7/8"	8
500	PAR56	END PRONG	676500	Q500PAR/NSP	120	1 / 12	N. Spot	2950K	8000	4000	96,000	5"	M
			676501	Q500PAR/MFL	120	1 / 12	M. Flood	2950K	8000	4000	43,000	5"	M
			676502	Q500PAR/WFL	120	1 / 12	W. Flood	2950K	8000	4000	19,000	5"	M

Aluminized Reflectors

ALR37, ALR56, AR70, AR111



halogen

- Bright white light
- Aluminized reflectors dissipate heat through the front of the lamp, reducing pink backspill
- Precise beam spreads and C-8 filament type
- Ideal for commercial applications; commonly used in retail, theaters and art exhibits



ALR-37mm

GBD
GBE
GBF

ALR-56mm

GBJ
GBK

AR70

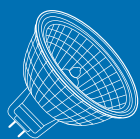
20AR70FL
20AR70SP
50AR70FL
50AR70SP

AR111

35AR111SSP 50AR111FL
35AR111SSP12 75AR111FL
35AR111SP 75AR111SP
50AR111SSP 75AR111WFL
50AR111SP

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description/Beam	Color Temp.	Lumens	Average Hours	CBCP	M.O.L.	Notes pg. 92
20	ALR37mm	BA15d	674420	GBD	12	10 / 50	Clear N. Spot 6°	3000K	250	2000	7000	1 ½"	M,8
			674421	GBE	12	10 / 50	Frost Spot 18°	3000K	250	2000	1500	1 ½"	M,8
			674422	GBF	12	10 / 50	Frost Flood 32°	3000K	250	2000	750	1 ½"	M,8
	AR70	BA15d	675020	20AR70FL	12	1 / 10	Flood 24°	3000K	-	3000	900	2"	M,8
			675120	20AR70SP	12	1 / 10	Spot 8°	2900K	-	3000	7700	2"	M,8
35	AR111	G53	671035	35AR111SSP	6	1 / 6	Super Spot 4°	2800K	-	3000	30,000	2 ¾"	M,8
			671036	35AR111SSP12	12	1 / 6	Super Spot 4°	2800K	-	3000	30,000	2 ¾"	M,8
			671135	35AR111SP	12	1 / 6	Spot 8°	3000K	-	3000	14,000	2 ¼"	M,8
50	ALR56mm	BA15d	674450	GBJ	12	10 / 50	Clear Spot 10	3000K	820	2000	13,000	2 ¼"	M,8
			674451	GBK	12	10 / 50	Frost N. Flood 25°	3000K	820	2000	2500	2 ¼"	M,8
	AR70	BA15d	675050	50AR70FL	12	1 / 10	Flood 24°	2900K	-	3000	2600	2"	M,8
			675150	50AR70SP	12	1 / 10	Spot 8°	2900K	-	3000	12,500	2"	M,8
	AR111	G53	672050	50AR111SSP	12	1 / 6	Super Spot 4°	2900K	-	3000	40,000	2 ¾"	M,8
			673050	50AR111SP	12	1 / 6	Spot 6°	2900K	-	3000	17,000	2 ¼"	M,8
75	AR111	G53	674050	50AR111FL	12	1 / 6	Flood 24°	2900K	-	3000	4000	2 ¾"	M,8
			673075	75AR111SP	12	1 / 6	Spot 6°	3000K	-	3000	30,000	2 ¼"	M,8
			674075	75AR111FL	12	1 / 6	Flood 24°	3000K	-	3000	5300	2 ¾"	M,8
			675075	75AR111WFL	12	1 / 6	W. Flood 40°	3000K	-	3000	2000	2 ¾"	M,8





Low Voltage JC Bi-Pin – 12V & 24V

G4, GY6.35

- Provides UV protection
- Filament types include C-6, CC-6
- Ideal for commercial applications; most commonly used in task lighting and displays



G4 Base		G4 Base		GY6.35 Base		GY6.35 Base	
CLEAR		FROST		CLEAR		FROST	
12V	24V	12V		12V	24V	12V	
Q5G4/12	Q10G4/24	Q10G4F/12		Q35GY6/12	Q35GY6/24	Q35GY6F/12	
Q10G4/12	Q20G4/24	Q20G4F/12		Q50GY6/12	Q50GY6/24	Q50GY6F/12	
Q20G4/12				Q75GY6/12	Q75GY6/24		
				Q100GY6/12	Q100GY6/24		

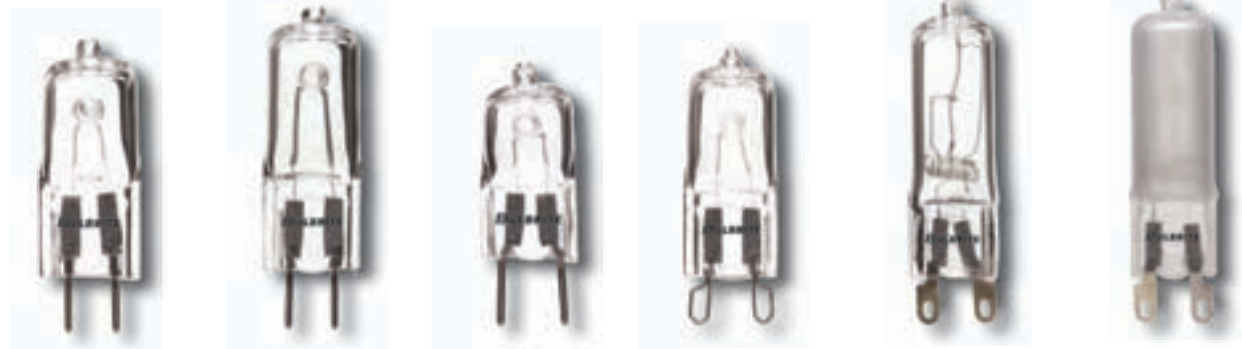
For Xenon alternatives, see pg 98; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	Lumens	Average Hours	M.O.L.	Notes pg. 92
5	T3	G4	650005	Q5G4/12	12	10 / 50	Clear	2800K	55	2000	1 1/4"	5,6,8
10	T3	G4	650010	Q10G4/12	12	10 / 50	Clear	2800K	140	2000	1 1/4"	5,6,8
			651011	Q10G4/24	24	10 / 50	Clear	2800K	140	2000	1 1/4"	5,6,8
			650011	Q10G4F/12	12	10 / 50	Frost	2800K	130	2000	1 1/4"	5,6,8
20	T3	G4	650020	Q20G4/12	12	10 / 50	Clear	2800K	330	2000	1 1/4"	A,5,6,8
			651012	Q20G4/24	24	10 / 50	Clear	2800K	330	2000	1 1/4"	5,6,8
			650021	Q20G4F/12	12	10 / 50	Frost	2800K	300	2000	1 1/4"	5,6,8
35	T3	GY6.35	650035	Q35GY6/12	12	10 / 50	Clear	2800K	650	2000	1 5/8"	A,5,6,8
			650036	Q35GY6F/12	12	10 / 50	Frost	2800K	640	2000	1 5/8"	5,6,8
			651036	Q35GY6/24	24	10 / 50	Clear	2800K	650	2000	1 5/8"	5,6,8
50	T3	GY6.35	650050	Q50GY6/12	12	10 / 50	Clear	2800K	900	2000	1 5/8"	A,5,6,8
			650051	Q50GY6F/12	12	10 / 50	Frost	2800K	850	2000	1 5/8"	5,6,8
			651050	Q50GY6/24	24	10 / 50	Clear	2800K	820	2000	1 5/8"	5,6,8
75	T3	GY6.35	650075	Q75GY6/12	12	10 / 50	Clear	2800K	1400	2000	1 5/8"	5,6,8
			651075	Q75GY6/24	24	10 / 50	Clear	2800K	1350	2000	1 5/8"	D,5,6,8
100	T3	GY6.35	650100	Q100GY6/12	12	10 / 50	Clear	2800K	2200	2000	1 5/8"	5,6,8
			651100	Q100GY6/24	24	10 / 50	Clear	2800K	1800	2000	1 5/8"	5,6,8

Line Voltage JC Bi-Pin – 120V

GY6.35, GY8, G9, G9 Flat Pin Blade

- Provides UV protection
- Filament types include CC-2, CC-8
- Ideal for residential and commercial applications, for both indoor and outdoor use



GY6.35 Base

Q20GY6/120
Q35GY6/120
Q50GY6/120

GY6.35 Base

Q75GY6/120
Q75GY6F/120
Q100GY6/120
Q150GY6/120

GY8 Base

Q20GY8/120
Q25GY8/120
Q35GY8/120
Q50GY8/120
Q75GY8/120
Q100GY8/120

G9 Base

Q20G9/120
Q35G9/120
Q50G9/120
Q75G9/120
Q75G9F/120
Q100G9/120

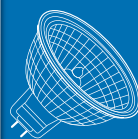
G9 Pin Blade

CLEAR
Q25G9CL
Q40G9CL
Q60G9CL

G9 Pin Blade

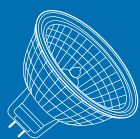
FROST
Q25G9FR
Q40G9FR
Q60G9FR

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	Lumens	Average Hours	M.O.L.	Notes pg. 92
20	T4	GY6.35	652020	Q20GY6/120	120	10 / 50	Clear	2700K	330	2000	1 5/8"	5,6
		G9	654020	Q20G9/120	120	10 / 50	Clear	2700K	330	2000	1 5/8"	5,6
		GY8	655021	Q20GY8/120	120	10 / 50	Clear	2700K	330	2000	1 5/8"	5,6
25	T4	GY8	655025	Q25GY8/120	120	10 / 50	Clear	2700K	420	2000	1 5/8"	5,6
		G9	654025	Q25G9CL	120	10 / 50	Clear	2750K	260	2000	2"	5,6
		GU9	654125	Q25G9FR	120	10 / 50	Frost	2750K	250	2000	2"	5,6
35	T4	GY6.35	652035	Q35GY6/120	120	10 / 50	Clear	2750K	650	2000	1 7/8"	5,6
		G9	654035	Q35G9/120	120	10 / 50	Clear	2750K	650	2000	1 7/8"	5,6
		GY8	655035	Q35GY8/120	120	10 / 50	Clear	2750K	650	2000	1 3/4"	5,6
40	T4	GU9	654040	Q40G9CL	120	10 / 50	Clear	2800K	500	2000	2"	5,6
			654140	Q40G9FR	120	10 / 50	Frost	2800K	460	2000	2"	5,6
50	T4	GY6.35	652050	Q50GY6/120	120	10 / 50	Clear	2800K	950	2000	1 7/8"	5,6
		G9	654050	Q50G9/120	120	10 / 50	Clear	2800K	950	2000	1 7/8"	5,6
		GY8	655050	Q50GY8/120	120	10 / 50	Clear	2800K	950	2000	1 3/4"	5,6
60	T4	GU9	654060	Q60G9CL	120	10 / 50	Clear	2900K	910	2000	2"	5,6
			654160	Q60G9FR	120	10 / 50	Frost	2900K	880	2000	2"	5,6
75	T4	GY6.35	652075	Q75GY6/120	120	10 / 50	Clear	2850K	1300	2000	2 1/4"	5,6
			652076	Q75GY6F/120	120	10 / 50	Frost	2800K	1250	2000	2 1/4"	D,5,6
		G9	654075	Q75G9/120	120	10 / 50	Clear	2850K	1300	2000	1 3/8"	5,6
			654076	Q75G9F/120	120	10 / 50	Frost	2800K	1300	2000	1 3/8"	5,6
		GY8	655075	Q75GY8/120	120	10 / 50	Clear	2850K	1300	2000	1 3/4"	5,6
100	T4	GY6.35	652100	Q100GY6/120	120	10 / 50	Clear	2900K	1900	2000	2 1/4"	5,6
		GY8	655100	Q100GY8/120	120	10 / 50	Clear	2900K	1900	2000	1 3/4"	5,6
		G9	654100	Q100G9/120	120	10 / 50	Clear	2900K	1900	2000	1 3/8"	5,6
150	T4	GY6.35	652150	Q150GY6/120	120	10 / 50	Clear	2900K	2300	2000	2 1/4"	5,6



halogen





Single Ended - Double Contact Bayonet

T4

- Provides UV protection
- Filament types include CC-2, CC-8
- Ideal for use in residential and commercial applications



20W		35, 50, 75, 100W		150W		250W	
CLEAR	FROST	CLEAR	FROST	CLEAR	FROST	CLEAR	FROST
Q20CL/DC	Q20FR/DC	Q35CL/DC	Q35FR/DC	Q150CL/DC	Q150FR/DC	Q250CL/DC	Q250FR/DC
		Q50CL/DC	Q50FR/DC				
		Q75CL/DC	Q75FR/DC				
		Q100CL/DC	Q100FR/DC				

For Krypton/Xenon alternatives, see pg 95.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	Lumens	Average Hours	M.O.L.	Notes pg. 92
20	T4	BA15d	613020	Q20CL/DC	120	10 / 50	Clear	2700K	200	2000	1 7/8"	6
			613022	Q20FR/DC	120	10 / 50	Frost	2750K	180	2000	1 7/8"	6
35	T4	BA15d	613035	Q35CL/DC	120	10 / 50	Clear	2750K	650	2000	2"	6
			613032	Q35FR/DC	120	10 / 50	Frost	2700K	620	2000	2"	6
50	T4	BA15d	613050	Q50CL/DC	120	10 / 50	Clear	2800K	950	2000	2"	6
			613052	Q50FR/DC	120	10 / 50	Frost	2750K	900	2000	2"	6
75	T4	BA15d	613076	Q75CL/DC	120	10 / 50	Clear	2850K	1350	2000	2"	6
			613072	Q75FR/DC	120	10 / 50	Frost	2800K	1050	2000	2"	6
100	T4	BA15d	613101	Q100CL/DC	120	10 / 50	Clear	2900K	1600	2000	2"	6
			613102	Q100FR/DC	120	10 / 50	Frost	2850K	1520	2000	2"	6
150	T4	BA15d	613151	Q150CL/DC	120	10 / 50	Clear	2900K	2400	2000	2 1/4"	6
			613152	Q150FR/DC	120	10 / 50	Frost	2850K	2300	2000	2 1/4"	6
250	T4	BA15d	613251	Q250CL/DC	120	10 / 50	Clear	2950K	4500	2000	2 3/4"	6
			613252	Q250FR/DC	120	10 / 50	Frost	2900K	4250	2000	2 3/4"	6

BULBRITE®

Bulbrite.com



Single Ended - Mini-Candelabra

T4

- Provides UV protection
- Filament types include CC-2, CC-8
- Ideal for use in residential and commercial applications

halogen



35, 50, 75, 100W

CLEAR

Q35CL/MC
Q50CL/MC
Q75CL/MC
Q100CL/MC

FROST

Q35FR/MC
Q50FR/MC
Q75FR/MC
Q100FR/MC

150W

CLEAR

Q150CL/MC

FROST

Q150FR/MC

250W

CLEAR

Q250CL/MC

FROST

Q250FR/MC

500W

CLEAR

Q500CL/MC

For Krypton/Xenon alternatives, see pg 95.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	Lumens	Average Hours	M.O.L.	Notes pg. 92
35	T4	E11	610035	Q35CL/MC	120	10 / 50	Clear	2700K	650	2000	2 1/4"	6
			610032	Q35FR/MC	120	10 / 50	Frost	2750K	620	2000	2 1/4"	6
50	T4	E11	610050	Q50CL/MC	120	10 / 50	Clear	2800K	950	2000	2 1/4"	6
			610052	Q50FR/MC	120	10 / 50	Frost	2750K	900	2000	2 1/4"	6
75	T4	E11	610076	Q75CL/MC	120	10 / 50	Clear	2850K	1350	2000	2 1/4"	6
			610072	Q75FR/MC	120	10 / 50	Frost	2800K	1050	2000	2 1/4"	6
100	T4	E11	610101	Q100CL/MC	120	10 / 50	Clear	2900K	1600	2000	2 1/4"	6
			610102	Q100FR/MC	120	10 / 50	Frost	2850K	1520	2000	2 1/4"	6
150	T4	E11	610151	Q150CL/MC	120	10 / 50	Clear	2900K	2400	2000	2 1/2"	6
			610152	Q150FR/MC	120	10 / 50	Frost	2850K	2300	2000	2 1/2"	6
250	T4	E11	610251	Q250CL/MC	120	10 / 50	Clear	2950K	4500	2000	2 7/8"	6
			610252	Q250FR/MC	120	10 / 50	Frost	2900K	4250	2000	2 7/8"	6
500	T4	E11	610500	Q500CL/MC	120	10 / 50	Clear	2950K	9500	2000	3 5/8"	6



Double Envelope T8, T10

- Provides UV protection
- Double glass envelope eliminates need for shielding
- CC-8 filament type
- Ideal for commercial applications



T8 CLEAR

Q75CL/EDT
Q100CL/EDT
Q150CL/EDT

T8 FROST

Q75FR/EDT
Q100FR/EDT
Q150FR/EDT

T10 CLEAR

Q250CL/EDT

T10 FROST

Q250FR/EDT

For Krypton/Xenon alternatives, see pg 95; for GU10 alternatives, see pg 77.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	Lumens	Average Hours	M.O.L.	Notes pg. 92
75	T8	E26	614076	Q75CL/EDT	120	10 / 50	Clear	2850K	1150	2000	3 3/8"	6
			614072	Q75FR/EDT	120	10 / 50	Frost	2800K	1000	2000	3 3/8"	6
100	T8	E26	614101	Q100CL/EDT	120	10 / 50	Clear	2900K	1400	2000	3 3/8"	6
			614102	Q100FR/EDT	120	10 / 50	Frost	2850K	1300	2000	3 3/8"	6
150	T8	E26	614151	Q150CL/EDT	120	10 / 50	Clear	2900K	2200	2000	3 3/8"	6
			614152	Q150FR/EDT	120	10 / 50	Frost	2850K	2100	2000	3 3/8"	6
250	T10	E26	614251	Q250CL/EDT	120	10 / 50	Clear	2900K	4200	2000	4"	6
			614252	Q250FR/EDT	120	10 / 50	Frost	2900K	4100	2000	4"	6

Double Ended - Recessed Single Contact

T3

- Provides UV protection
- Filament types include C-8, CC-8
- Ideal for residential and commercial applications; most commonly used in ceiling fixtures, wall mounts and portables



3 1/8" (78mm)

CLEAR

Q75T3/S Q200T3/S
Q100T3/S Q250T3/S
Q150T3/S Q300T3/S

3 1/8" (78mm)

FROST

Q100T3FR/S
Q150T3FR/S



4 1/16" (118mm)

CLEAR

Q75T3CL Q300T3CL
Q100T3CL Q500T3CL
Q150T3CL Q300T3/220
Q200T3CL Q500T3/220
Q250T3CL

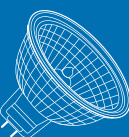
4 1/16" (118mm)

FROST

Q100T3FR
Q300T3FR

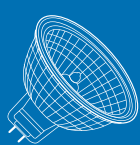
For Krypton/Xenon alternatives, see pg 101.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	Lumens	Average Hours	M.O.L.	Notes pg. 92
75	T3	RSC	601075	Q75T3/S	120	10 / 50	Clear	2800K	950	2000	3 1/8"	6
			600075	Q75T3CL	120	10 / 50	Clear	2800K	950	2000	4 2/3"	6
100	T3	RSC	600101	Q100T3CL	120	10 / 50	Clear	2800K	1300	2000	4 2/3"	6
			601101	Q100T3/S	120	10 / 50	Clear	2800K	1300	2000	3 1/8"	6
			601102	Q100T3FR/S	120	10 / 50	Frost	2800K	1300	2000	3 1/8"	D,6
			600102	Q100T3FR	120	10 / 50	Frost	2800K	1300	2000	4 2/3"	D,6
150	T3	RSC	600151	Q150T3CL	120	10 / 50	Clear	2800K	2200	2000	4 2/3"	6
			601151	Q150T3/S	120	10 / 50	Clear	2800K	2200	2000	3 1/8"	6
			601152	Q150T3FR/S	120	10 / 50	Frost	2800K	2200	2000	3 1/8"	D,6
200	T3	RSC	600201	Q200T3CL	120	10 / 50	Clear	2800K	3200	2000	4 2/3"	6
			601201	Q200T3/S	120	10 / 50	Clear	2800K	3200	2000	3 1/8"	6
			600202	Q200T3FR	120	10 / 50	Frost	2800K	3200	2000	4 2/3"	D,6
250	T3	RSC	600251	Q250T3CL	120	10 / 50	Clear	2800K	4200	2000	4 2/3"	6
			601251	Q250T3/S	120	10 / 50	Clear	2800K	4200	2000	3 1/8"	6
300	T3	RSC	600301	Q300T3CL	120	10 / 50	Clear	2800K	5000	2000	4 2/3"	6
			600302	Q300T3/220	220	10 / 50	Clear	2800K	5000	2000	4 2/3"	D,6,8
			600312	Q300T3FR	120	10 / 50	Frost	2800K	5000	2000	4 2/3"	D,6
500	T3	RSC	600501	Q500T3CL	120	10 / 50	Clear	2800K	9500	2000	4 2/3"	6
			600502	Q500T3/220	220	10 / 50	Clear	2800K	9500	2000	4 2/3"	D,6,8



halogen





Halogen Footnotes

M	Major Brand
A	Available in Major Brand, see pg 160-161
D	Discontinued Item - Limited Quantity Available

- 1** This product meets the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. For more information, visit www.bulbrite.com/EISA.
- 2** Due to DOE regulations, as described in the 2009 Incandescent Reflector Lamp Update of the Energy Independence and Security Act of 2007, these lamps will no longer be manufactured as of July 14th, 2012.
- 3** This product is exempt from the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. Exemptions subject to change. For more information, visit www.bulbrite.com/EISA.
- 4** This lamp utilizes a dichroic reflector. The dichroic coating reflects only the visible light region of the spectrum and not infrared light, allowing heat to dissipate through the back of the lamp. This results in what is referred to as a "cool beam". The infrared light (heat) coming from the lamp may result in a pink backspill.
- 5** This lamp should not be handled without the protection of a cloth or glove. If natural oils in the skin come in contact with the outer glass shell, the lamp's performance may be hindered. If your hands come into contact with the lamp, dampen a cloth with a small amount of rubbing alcohol to clean the lamp. Allow lamp to dry before operating.
- 6** This lamp is UV protected. This lamp emits less heat and no UV rays, making it safe for lighting sensitive items such as fabrics and artwork.
- 7** This lamp has a design voltage other than 120V. When operated on a 120V line, average hours (lamp life) is extended approximately 2 times and lumens (brightness) is reduced by approximately 20%.
- 8** This lamp is designed to operate at a voltage other than 120V. To ensure proper operation of the lamp, use the appropriate fixtures for the designated lamp voltage.

IMPORTANT NOTE:

Halogen lamps operate at a higher efficiency level than standard incandescent lamps due to the internal halogen cycle which reinforces the durability of the lamp filament. Operating temperature must be above 250°C and less than 1,100°C to ensure proper halogen cycle.

CAUTION:

Halogen lamps operate under pressure at high temperatures and could unexpectedly shatter. Halogen lamps should be used in fixtures that use the appropriate UL recommended glass shielding to reduce the risk of personal injury or fire.

WARNING:

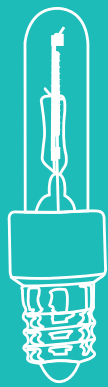
In the event that the halogen lamp breaks, particles of extremely hot glass could be discharged into the fixture and/or surrounding area, creating a risk of personal injury or fire. In addition, the inner halogen capsule produces ultraviolet radiation that can cause injury to the eyes and skin with prolonged exposure without the blocking effect of the outer glass bulb.

Discontinue use immediately if outer glass or lamp capsule is scratched, broken or shows signs of cracking. Lamp may continue to operate if outer glass breaks; however, immediately discontinue use.

When replacing or removing a halogen lamp, make sure all power to lamp is turned off and allow lamp to cool before touching to avoid electrical shock or burn. To avoid electric shock and/or skin burns, turn off power and allow bulb to cool before handling or attempting replacement.

Do not use in close proximity to combustible materials.

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **Krypton/Xenon**

BULBRITE®

KX-2000®

T3 Candelabra Base

- Exclusive manufacturer of E12 base
- Same bright white light as a halogen using pure xenon gas from Japan
- Fully dimmable without loss of performance
- Ideal for multiple residential and commercial applications such as chandeliers, vanities, portables, wall mounts, sconces, and outdoor fixtures



krypton/xenon



Candelabra Base (E12)

CLEAR

KX20CL/E12
KX40CL/E12
KX60CL/E12

FROST

KX20FR/E12
KX40FR/E12
KX60FR/E12

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/ Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 102
20	T3	E12	473020	KX20CL/E12	120	10 / 50	Clear	200	3000	2 7/16"	1,2,3
			473021	KX20FR/E12	120	10 / 50	Frost	200	3000	2 7/16"	1,2,3
40	T3	E12	473040	KX40CL/E12	120	10 / 50	Clear	560	3000	2 7/16"	1,2,3
			473041	KX40FR/E12	120	10 / 50	Frost	560	3000	2 7/16"	1,2,3
60	T3	E12	473060	KX60CL/E12	120	10 / 50	Clear	960	3000	2 7/16"	1,2,3
			473061	KX60FR/E12	120	10 / 50	Frost	960	3000	2 7/16"	1,2,3

BULBRITE®

Bulbrite.com



Product affected by
EISA legislation, beginning
January 1st of year noted.
Only available while supplies last.
See pg 12 for details on legislation.



KX-2000®

T3 D.C. Bayonet, Mini Can, Medium Base

- Same bright white light as a halogen using pure xenon gas from Japan
- Fully dimmable without loss of performance
- Ideal for various home and commercial applications such as chandeliers, vanities, portables, wall mounts, sconces, and outdoor fixtures



D.C. Bayonet (BA15d)

CLEAR

KX20CL/DC
KX40CL/DC
KX60CL/DC

FROST

KX20FR/DC
KX40FR/DC
KX60FR/DC

Mini Candelabra (E11)

CLEAR

KX20CL/MC
KX40CL/MC
KX60CL/MC

FROST

KX20FR/MC
KX40FR/MC
KX60FR/MC

Medium Base (E26)

CLEAR

KX20CL/E26
KX40CL/E26
KX60CL/E26

FROST

KX20FR/E26
KX40FR/E26
KX60FR/E26

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 102
20	T3	BA15d	473220	KX20CL/DC	120	10 / 50	Clear	200	3000	2 1/4"	1,2,3
			473221	KX20FR/DC	120	10 / 50	Frost	200	3000	2 1/4"	1,2,3
		E11	473120	KX20CL/MC	120	10 / 50	Clear	200	3000	2 5/16"	1,2,3
			473121	KX20FR/MC	120	10 / 50	Frost	200	3000	2 5/16"	1,2,3
		E26	473320	KX20CL/E26	120	10 / 50	Clear	200	3000	2 3/4"	D,1,2,3
			473321	KX20FR/E26	120	10 / 50	Frost	200	3000	2 3/4"	D,1,2,3
40	T3	BA15d	473240	KX40CL/DC	120	10 / 50	Clear	560	3000	2 1/4"	1,2,3
			473241	KX40FR/DC	120	10 / 50	Frost	560	3000	2 1/4"	1,2,3
		E11	473140	KX40CL/MC	120	10 / 50	Clear	560	3000	2 5/16"	1,2,3
			473141	KX40FR/MC	120	10 / 50	Frost	560	3000	2 5/16"	1,2,3
		E26	473340	KX40CL/E26	120	10 / 50	Clear	560	3000	2 3/4"	1,2,3
			473341	KX40FR/E26	120	10 / 50	Frost	560	3000	2 3/4"	1,2,3
60	T3	BA15d	473260	KX60CL/DC	120	10 / 50	Clear	960	3000	2 1/4"	1,2,3
			473261	KX60FR/DC	120	10 / 50	Frost	960	3000	2 1/4"	1,2,3
		E11	473160	KX60CL/MC	120	10 / 50	Clear	960	3000	2 5/16"	1,2,3
			473161	KX60FR/MC	120	10 / 50	Frost	960	3000	2 5/16"	1,2,3
		E26	▲ 473360	KX60CL/E26	120	10 / 50	Clear	960	3000	2 3/4"	1,2,3,5
			▲ 473361	KX60FR/E26	120	10 / 50	Frost	960	3000	2 3/4"	1,2,3,5



krypton/xenon



Krystal Touch®

G11, G16½ Candelabra Base

- Krypton filled lamps produce a sparkling white light
- On average 40% brighter than standard globes
- Ideal for vanities, portables and outdoor fixtures



Featured in



G11

CLEAR

KR15G11CL
KR25G11CL
KR40G11CL

G16½

CLEAR

KR15G16CL
KR25G16CL
KR40G16CL
KR60G16CL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/ Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 102
15	G11	E12	461015	KR15G11CL	120	10 / 120	Clear	145	3000	2 ½"	1
	G16½	E12	461215	KR15G16CL	120	10 / 120	Clear	145	3000	3"	1
25	G11	E12	461025	KR25G11CL	120	10 / 120	Clear	250	3000	2 ½"	1
	G16½	E12	461225	KR25G16CL	120	10 / 120	Clear	250	3000	3"	1
40	G11	E12	461040	KR40G11CL	120	10 / 120	Clear	480	3000	2 ½"	1
	G16½	E12	461240	KR40G16CL	120	10 / 120	Clear	480	3000	3"	1
60	G16½	E12	461260	KR60G16CL	120	10 / 120	Clear	760	3000	3"	1



Product affected by
EISA legislation, beginning
January 1st of year noted.
Only available while supplies last.
See pg 12 for details on legislation.



Krystal Touch® B8, B10, CA8, CA10

- The **only** 10W Krypton bulb on the market
- Krypton filled lamps produce a sparkling white light
- On average 30% brighter than standard chandelier lamps
- Ideal for decorative lighting in chandeliers, wall mounts, sconces, and outdoor fixtures



B8 Torpedo (E12)

KR10CTC/25
KR15CTC/25
KR25CTC/25

B10 Torpedo (E12)

KR25CTC/32
KR40CTC/32
KR60CTC/32

CA8 Flame (E12)

KR10CFC/25
KR15CFC/25
KR25CFC/25

CA10 Flame (E12)

KR25CFC/32
KR40CFC/32
KR60CFC/32

B10 Torpedo (E26)

KR25ETC/32
KR40ETC/32
KR60ETC/32

For CFL alternatives, see pg 114; for LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 102
10	B8	E12	460010	KR10CTC/25	120	10 / 120	Clear	80	3000	3 1/8"	1
	CA8	E12	460310	KR10CFC/25	120	10 / 120	Clear	80	3000	3 1/4"	1
15	B8	E12	460015	KR15CTC/25	120	10 / 120	Clear	145	3000	3 1/8"	1
	CA8	E12	460315	KR15CFC/25	120	10 / 120	Clear	145	3000	3 1/4"	1
25	B8	E12	460020	KR25CTC/25	120	10 / 120	Clear	250	3000	3 1/8"	1
	B10	E12	460025	KR25CTC/32	120	10 / 120	Clear	250	3000	3 7/8"	1
		E26	460525	KR25ETC/32	120	10 / 120	Clear	250	3000	3 7/8"	1
	CA8	E12	460320	KR25CFC/25	120	10 / 120	Clear	250	3000	3 1/4"	1
	CA10	E12	460325	KR25CFC/32	120	10 / 120	Clear	250	3000	3 11/16"	1
40	B10	E12	460040	KR40CTC/32	120	10 / 120	Clear	480	3000	3 7/8"	1
		E26	460540	KR40ETC/32	120	10 / 120	Clear	480	3000	3 7/8"	1
	CA10	E12	460340	KR40CFC/32	120	10 / 120	Clear	480	3000	3 11/16"	1
60	B10	E12	460060	KR60CTC/32	120	10 / 120	Clear	760	3000	3 7/8"	1
		E26	▲460560	KR60ETC/32	120	10 / 120	Clear	760	3000	3 7/8"	1,5
	CA10	E12	460360	KR60CFC/32	120	10 / 120	Clear	760	3000	3 11/16"	1



krypton/xenon



X2000™ Xenon G4, GY6.35 Bi-Pin

- 100% pure Xenon gas
- Low pressure does not require shielding
- Ideal for pendants, portables, chandeliers, signs and displays



T3 G4 CLEAR 12V

JC5XE/12
JC10XE/12
JC15XE/12
JC20XE/12

24V

JC5XE/24
JC10XE/24
JC15XE/24
JC20XE/24

T3 G4 FROST 12V

JC5XEF/12
JC10XEF/12
JC15XEF/12
JC20XEF/12

24V

JC15XEF/24
JC20XEF/24

T5 GY6.35 CLEAR 12V

JC35XE/12
JC50XE/12

24V

JC35XE/24
JC50XE/24

T5 GY6.35 FROST 12V

JC35XEF/12
JC50XEF/12

24V

JC35XEF/24
JC50XEF/24

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 102
5	T3	G4	715205	JC5XE/12	12	10 / 50	Clear	45	10,000	1 3/8"	1,2,3,4
			715305	JC5XE/24	24	10 / 50	Clear	40	10,000	1 3/8"	1,2,3,4
			715206	JC5XEF/12	12	10 / 50	Frost	45	10,000	1 3/8"	1,2,3,4
10	T3	G4	715210	JC10XE/12	12	10 / 50	Clear	100	10,000	1 3/8"	1,2,3,4
			715310	JC10XE/24	24	10 / 50	Clear	95	10,000	1 3/8"	1,2,3,4
			715211	JC10XEF/12	12	10 / 50	Frost	100	10,000	1 3/8"	1,2,3,4
15	T3	G4	715215	JC15XE/12	12	10 / 50	Clear	150	10,000	1 3/8"	1,2,3,4
			715315	JC15XE/24	24	10 / 50	Clear	150	10,000	1 1/4"	D,1,2,3,4
			715216	JC15XEF/12	12	10 / 50	Frost	150	10,000	1 1/4"	D,1,2,3,4
			715316	JC15XEF/24	24	10 / 50	Frost	150	10,000	1 1/4"	D,1,2,3,4
20	T3	G4	715220	JC20XE/12	12	10 / 50	Clear	200	10,000	1 3/8"	1,2,3,4
			715320	JC20XE/24	24	10 / 50	Clear	200	10,000	1 3/8"	1,2,3,4
			715221	JC20XEF/12	12	10 / 50	Frost	200	10,000	1 3/8"	1,2,3,4
			715321	JC20XEF/24	24	10 / 50	Frost	200	10,000	1 1/4"	D,1,2,3,4
35	T5	GY6.35	715235	JC35XE/12	12	10 / 50	Clear	420	10,000	1 15/16"	1,2,3,4
			715335	JC35XE/24	24	10 / 50	Clear	420	10,000	1 15/16"	1,2,3,4
			715236	JC35XEF/12	12	10 / 50	Frost	420	10,000	1 15/16"	1,2,3,4
			715336	JC35XEF/24	24	10 / 50	Frost	420	10,000	1 15/16"	D,1,2,3,4
50	T5	GY6.35	715250	JC50XE/12	12	10 / 50	Clear	600	10,000	1 15/16"	1,2,3,4
			715350	JC50XE/24	24	10 / 50	Clear	600	10,000	1 15/16"	1,2,3,4
			715251	JC50XEF/12	12	10 / 50	Frost	600	10,000	1 15/16"	1,2,3,4
			715351	JC50XEF/24	24	10 / 50	Frost	600	10,000	1 15/16"	D,1,2,3,4





X2000™ Xenon Wedge

- 100% pure Xenon gas
- Low pressure does not require shielding
- Ideal for landscape, signage and automobile lighting

Krypton/Xenon



T3 1/4 CLEAR 12V

XE3/12
XE5/12
XE10/12

24V

XE5/24
XE7/24

T3 1/4 FROST 12V

XE3F/12
XE5F/12

24V

XE5F/24
XE7F/24
XE10F/24

T5 CLEAR 12V

XE18/12

24V

XE10/24

T5 FROST 12V

XE18F/12

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 102
3	T3 1/4	Wedge	715503	XE3/12	12	10 / 50	Clear	23	20,000	1"	1,2,3,4
			715533	XE3F/12	12	10 / 50	Frost	22	20,000	1"	1,2,3,4
5	T3 1/4	Wedge	715505	XE5/12	12	10 / 50	Clear	33	10,000	1"	1,2,3,4
			715515	XE5/24	24	10 / 50	Clear	38	10,000	1"	1,2,3,4
			715535	XE5F/12	12	10 / 50	Frost	33	10,000	1"	1,2,3,4
			715545	XE5F/24	24	10 / 50	Frost	38	10,000	1"	1,2,3,4
7	T3 1/4	Wedge	715517	XE7/24	24	10 / 50	Clear	65	10,000	1"	1,2,3,4
			715527	XE7F/24	24	10 / 50	Frost	65	10,000	1"	D,1,2,3,4
10	T3 1/4	Wedge	715510	XE10/12	12	10 / 50	Clear	100	10,000	1"	1,2,3,4
	T5	Wedge	715519	XE10/24	24	10 / 50	Clear	90	10,000	1 7/16"	1,2,3,4
	T3 1/4		715511	XE10F/24	24	10 / 50	Frost	100	10,000	1"	1,2,3,4
18	T5	Wedge	715508	XE18/12	12	10 / 50	Clear	250	20,000	1 7/16"	1,2,3,4
			715518	XE18F/12	12	10 / 50	Frost	250	20,000	1 7/16"	1,2,3,4



X2000™ Xenon

Festoon, Rigid Loop, Rigid Loop Cap

- 100% pure Xenon gas
- Low pressure does not require shielding
- Ideal for signs and displays



	Festoon CLEAR 12V		Festoon FROST 12V		Rigid Loop CLEAR 12V		Rigid Loop FROST 12V		Rigid Loop Cap CLEAR 12V		Rigid Loop Cap FROST 12V
FEX3/12		FEX3F/12		RLX5/12		RLX5F/12		RLC5/12		RLC5F/12	
FEX5/12		FEX5F/12		RLX10/12		RLX10F/12		RLC10/12		RLC10F/12	
FEX10/12		FEX10F/12		24V		24V		24V		24V	
FEX3/24		FEX3F/24		RLX5/24		RLX5F/24		RLC5/24		RLC5F/24	
FEX5/24		FEX5F/24		RLX10/24		RLX10F/24				RLC10F/24	
FEX10/24		FEX10F/24									

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.	Notes pg. 102
3	T3/4	Festoon	715603	FEX3/12	12	10 / 50	Clear	25	5000	1 23/32"	1,2,3,4
			715604	FEX3/24	24	10 / 50	Clear	25	5000	1 23/32"	1,2,3,4
			715633	FEX3F/12	12	10 / 50	Frost	25	5000	1 23/32"	1,2,3,4
			715634	FEX3F/24	24	10 / 50	Frost	25	5000	1 23/32"	1,2,3,4
5	T3/4	Festoon	715605	FEX5/12	12	10 / 50	Clear	50	5000	1 23/32"	1,2,3,4
			715606	FEX5/24	24	10 / 50	Clear	50	5000	1 23/32"	1,2,3,4
			715635	FEX5F/12	12	10 / 50	Frost	50	5000	1 23/32"	1,2,3,4
			715636	FEX5F/24	24	10 / 50	Frost	50	5000	1 23/32"	1,2,3,4
		Rigid Loop	715705	RLX5/12	12	10 / 50	Clear	45	20,000	1 3/4"	1,2,3,4
			715706	RLX5/24	24	10 / 50	Clear	40	20,000	1 3/4"	1,2,3,4
			715735	RLX5F/12	12	10 / 50	Frost	45	20,000	1 3/4"	1,2,3,4
			715736	RLX5F/24	24	10 / 50	Frost	40	20,000	1 3/4"	1,2,3,4
		Rigid Loop Cap	715805	RLC5/12	12	20 / 60	Clear	45	20,000	1 3/4"	D,1,2,3,4
			715835	RLC5F/12	12	20 / 60	Frost	45	20,000	1 3/4"	D,1,2,3,4
			715806	RLC5/24	24	20 / 60	Clear	40	20,000	1 3/4"	D,1,2,3,4
			715836	RLC5F/24	24	20 / 60	Frost	40	20,000	1 3/4"	1,2,3,4
10	T3/4	Festoon	715610	FEX10/12	12	10 / 50	Clear	120	5000	1 23/32"	1,2,3,4
			715611	FEX10/24	24	10 / 50	Clear	120	3000	1 23/32"	1,2,3,4
			715630	FEX10F/12	12	10 / 50	Frost	120	5000	1 23/32"	1,2,3,4
			715631	FEX10F/24	24	10 / 50	Frost	120	3000	1 23/32"	1,2,3,4
		Rigid Loop	715710	RLX10/12	12	10 / 50	Clear	100	20,000	1 3/4"	1,2,3,4
			715711	RLX10/24	24	10 / 50	Clear	90	20,000	1 3/4"	1,2,3,4
			715730	RLX10F/12	12	10 / 50	Frost	100	20,000	1 3/4"	1,2,3,4
			715731	RLX10F/24	24	10 / 50	Frost	90	20,000	1 3/4"	1,2,3,4
	T3/4	Rigid Loop Cap	715810	RLC10/12	12	20 / 60	Clear	100	20,000	1 3/4"	D,1,2,3,4
			715811	RLC10/24	24	20 / 60	Clear	90	20,000	1 3/4"	1,2,3,4
			715830	RLC10F/12	12	20 / 60	Frost	100	20,000	1 3/4"	D,1,2,3,4
			715831	RLC10F/24	24	20 / 60	Frost	90	20,000	1 3/4"	D,1,2,3,4

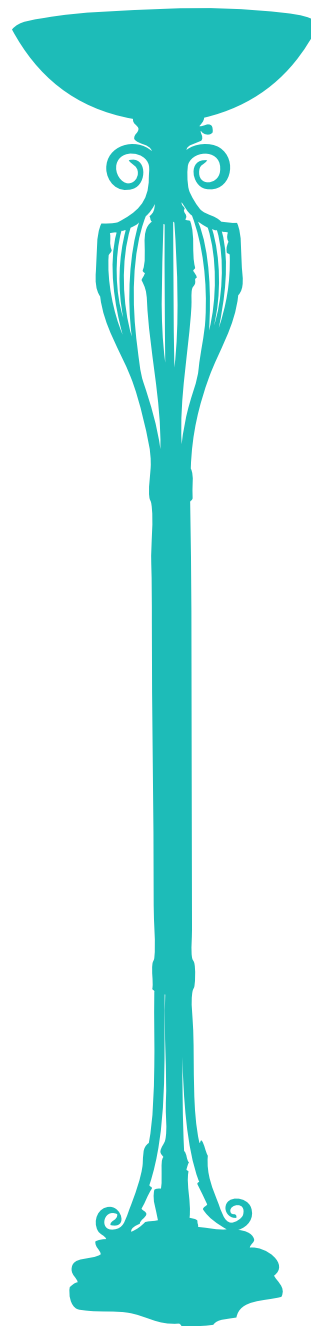


KX-2000® KX-180 J-Type

- Highest lumen output EPA Act Compliant torchiere lamp
- 23% brighter than a standard 200W halogen
- Emits a bright white light
- Fully dimmable
- Ideal for portables and outdoor lighting



KX-2000® J-TYPE
KX180T4CL



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Lumens	Average Hours	M.O.L.
180	T4	RSC	474180	KX180T4CL	120	10 / 50	Clear	3950	2000	4 11/16"



Krypton/Xenon Footnotes

D Discontinued Item - Limited Quantity Available

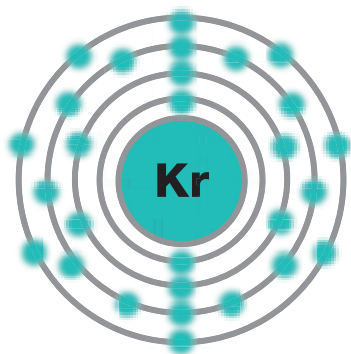
- 1** Low pressure lamp, no shielding is required.
- 2** This lamp is UV protected. This lamp emits less heat and no UV rays, making it safe for lighting sensitive items such as fabrics and artwork.
- 3** This lamp is manufactured in Japan.
- 4** This lamp is designed to operate at a voltage other than 120V. To ensure proper operation of the lamp, use the appropriate fixtures for the designated lamp voltage.
- 5** This lamp will no longer be manufactured after January 1st, 2014 according to the minimum efficiency standards set forth in the 2007 Energy Independence and Security Act. For more information, visit www.bulbrite.com/EISA.

What are Krypton and Xenon?

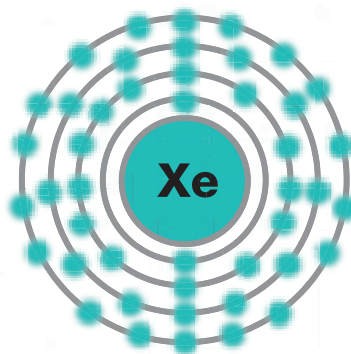
Krypton and Xenon lamps are different than their standard incandescent and halogen counterparts. They contain gases that increase the life and light output of the lamps. An important distinction between Krypton and Xenon lamps is the composition of the gas itself. Krypton and Xenon are both noble gases within Group 18 of the periodic table. As you can see in the diagram below, Krypton has an atomic weight of 36 and Xenon has an atomic weight of 54. Incandescent lamps are usually filled with argon gas which has a much lighter atomic weight of 18.

Compared to standard incandescents, the heavier atomic weight of Krypton and Xenon gases give KX-2000®, Krystal Touch® and X2000™ lamps the advantage of longer life. These gases have an improved ability to capture evaporated tungsten (from the burning of the filament) to be re-deposited onto the filament. Krypton and Xenon lamps have a life about 3 times longer than standard incandescent and Xenon lamps last up to 10 times longer.

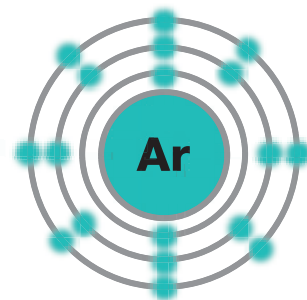
Krypton and Xenon lamps also tend to produce brighter, whiter light than standard incandescents. Also, Xenon is a lower pressure gas than both Krypton and Halogen, which allows Xenon lamps to be used in unshielded fixtures.



KRYPTON, 36



XENON, 54



ARGON, 18

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with Compact
Fluorescents

BULBRITE®

Energy Wiser® GU24 Twist & Lock

T2 Coil, T3 Coil, A21, G25, R30

- 2010 Gold Adex Award winner (Covered Twist & Lock CFL)
- Fits standardized line voltage socket promoted by Energy Star
- Saves up to 75% in energy costs compared to incandescents
- Ideal for residential & commercial applications



see pg 177

CFL = Incandescent

13W/15W = 60W

18W = 75W

26W = 100W



13 Watt

CF13WW/GU24



18 Watt

CF18WW/GU24



26 Watt

CF26WW/GU24



A-Shape

CF15A/GU24



Globe

CF15G25/GU24



Reflector

CF15R30/GU24

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
13	T2 COIL	GU24	509713	CF13WW/GU24	120	1 / 12	2700K	81	825	10,000	3.40"	1.88"	1,2,4
15	A21	GU24	509715	CF15A/GU24	120	1 / 12	2700K	80	800	10,000	4.60"	2.63"	1,2,4
	G25	GU24	509735	CF15G25/GU24	120	1 / 12	2700K	80	740	10,000	4.70"	3.31"	1,2,4
	R30	GU24	509725	CF15R30/GU24	120	1 / 12	2700K	80	690	10,000	4.70"	3.75"	1,2,4
18	T3 COIL	GU24	509718	CF18WW/GU24	120	1 / 12	2700K	81	1200	10,000	4.30"	2.13"	1,2,4
26	T3 COIL	GU24	509726	CF26WW/GU24	120	1 / 12	2700K	81	1610	10,000	5.25"	2.13"	1,2,4



see pg 177

Energy Wiser®

GU24 Twist & Lock - Dimmable

T3 Coil

- 2011 Platinum Adex Award winner
- Continuous smooth dimming down to 10% lumen output
- IC (Integrated Circuit) technology provides longer life when dimming compared to other CFLs
- Fits standardized line voltage socket promoted by Energy Star
- Ideal for residential & commercial applications

CFL = Incandescent

13W = 60W
18W = 75W
23W = 100W



13 Watt

CF13WW/GU24/DM

18 Watt

CF18WW/GU24/DM

23 Watt

CF23WW/GU24/DM

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
13	T3 COIL	GU24	509813	CF13WW/GU24/DM	120	1 / 12	2700K	82	810	10,000	4.10"	1.94"	1,2,4,7
18	T3 COIL	GU24	509818	CF18WW/GU24/DM	120	1 / 12	2700K	82	1150	10,000	4.60"	2.13"	1,2,4,7
23	T3 COIL	GU24	509823	CF23WW/GU24/DM	120	1 / 12	2700K	82	1600	10,000	5.10"	2.13"	1,2,4,7



compact fluorescent



Energy Wiser®

Low Mercury & 4-Pack

T2 Coil

- Low Mercury T2s contain 50% less mercury than standard CFLs
- T2s are ideal for compact spaces
- Ideal for general purpose lighting commonly used in residential and commercial applications



see pg 177

CFL = Incandescent

13W = 60W

18W = 75W

23W = 100W



5 Watt
CF5SM/WW



13 Watt 4-Pack
CF13WW/4P
CF13CW/4P



Low Mercury 13 Watt

CF13WW/LM
CF13SD/LM

Low Mercury 18 Watt

CF18WW/LM
CF18SD/LM

Low Mercury 23 Watt

CF23WW/LM
CF23SD/LM

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
5	T2 COIL	E26	509205	CF5SM/WW	120	1 / 12	2800K	82	250	10,000	2.81"	1.94"	1,2,4
13	T2 COIL	E26	509413	CF13WW/4P	120	4 (4-PK) / 24 (4-PK)	2700K	82	900	8000	4.30"	2.00"	1,2,4
			509513	CF13CW/4P	120	4 (4-PK) / 24 (4-PK)	4100K	81	846	8000	4.30"	2.00"	1,2,4
	T2 COIL	E26	509014	CF13WW/LM	120	1 / 12	2700K	82	900	10,000	3.75"	1.63"	1,2,4
			509114	CF13SD/LM	120	1 / 12	5000K	82	860	10,000	3.75"	1.63"	1,2,4
18	T2 COIL	E26	509019	CF18WW/LM	120	1 / 12	2700K	82	1250	10,000	4.25"	2.19"	1,2,4
			509119	CF18SD/LM	120	1 / 12	5000K	82	1200	10,000	4.25"	2.19"	1,2,4
23	T2 COIL	E26	509024	CF23WW/LM	120	1 / 12	2700K	82	1600	10,000	4.50"	2.44"	1,2,4
			509124	CF23SD/LM	120	1 / 12	5000K	82	1500	10,000	4.50"	2.44"	1,2,4



see pg 177

Energy Wiser® Coil - Dimmable T3 Coil

- Continuous smooth dimming down to 10% lumen output
- IC (Integrated Circuit) based technology provides longer life when dimming compared to other CFLs
- Ideal for residential applications most commonly used in living rooms and bedrooms

CFL = Incandescent

15W = 60W

18W = 75W

23W = 100W



NEW

15 Watt
CF15C/WW/DM



NEW

18 Watt
CF18C/WW/DM



NEW

23 Watt
CF23C/WW/DM

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
15	T3 COIL	E26	514015	CF15C/WW/DM	120	1 / 24	2700K	82	900	10,000	4.80"	2.19"	1,2,4,7
18	T3 COIL	E26	514018	CF18C/WW/DM	120	1 / 24	2700K	82	1200	10,000	5.30"	2.19"	1,2,4,7
23	T3 COIL	E26	514023	CF23C/WW/DM	120	1 / 24	2700K	82	1600	10,000	5.90"	2.19"	1,2,4,7



compact fluorescent

Energy Wiser® Coil

T2 Coil Candelabra Base

- Slim T2 size for compact spaces
- Ideal for general purpose lighting in both residential and commercial applications



see pg 177

CFL = Incandescent

5W = 25W

12W = 60W



5 Watt

CF5SM/WW/E12

12 Watt

CF12SM/WW/E12

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
5	T2 COIL	E12	509005	CF5SM/WW/E12	120	1 / 12	2800K	82	300	8000	3.20"	1.81"	1,2,4
12	T2 COIL	E12	509012	CF12SM/WW/E12	120	1 / 12	2800K	82	720	8000	4.00"	1.81"	1,2,4



see pg 177

Energy Wiser® Coil

T3 Coil, T4 Coil - High Wattage, 3-Way

- High wattage coils produce high lumen output
- 3-Way coil features 3 varying levels of light
- Ideal for general purpose lighting in both residential and commercial applications

CFL = Incandescent

32W = 100W

42W = 150W

55W = 250W

13/20/25W = 30/70/100W



32 Watt

CF32C/WW
CF32C/DL

42 Watt

CF42C/WW
CF42C/SD

55 Watt

CF55C/WW
CF55C/SD

3-Way

CF25C/3WAY

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
32	T3 COIL	E26	509532	CF32C/WW	120	1 / 12	2700K	82	1920	8000	5.51"	2.75"	1,2,4
			509632	CF32C/DL	120	1 / 12	6500K	82	1820	8000	5.51"	2.75"	1,2,4
42	T3 COIL	E26	509542	CF42C/WW	120	1 / 12	2700K	82	2800	8000	7.00"	2.81"	1,2,4
			509642	CF42C/SD	120	1 / 12	5000K	82	2730	10,000	7.00"	2.81"	1,2,4
55	T4 COIL	E26	509555	CF55C/WW	120	1 / 12	2700K	82	3600	10,000	9.50"	3.19"	1,2,4
			509655	CF55C/SD	120	1 / 12	5000K	82	3450	10,000	9.50"	3.19"	1,2,4
13/20/25	T3 COIL	E26	515025	CF25C/3WAY	120	1 / 12	2700K	82	900/1200/1620	8000	5.13"	2.25"	1,2,4

compact fluorescent



Energy Wiser® Reflectors

R20, R30, R40, BR38

- Direct replacement for incandescent reflectors
- Ideal for residential and commercial use in recessed cans, track and outdoor lighting



see pg 177

CFL = Incandescent

14W R20 = 50W R20

16W R30 = 65W BR30

23W R40 = 120W BR40

23W BR38 = 150W BR38



R20

CF14R20WW
CF14R20DL

R30

CF16R30WW
CF16R30DL

R40

CF23R40WW
CF23R40DL

BR38

CF23BR38WW
CF23BR38DL

For LED PAR alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
14	R20	E26	511214	CF14R20WW	120	1 / 12	2700K	82	500	8000	4.84"	2.48"	1,2,4
			511314	CF14R20DL	120	1 / 12	6500K	82	470	8000	4.84"	2.48"	1,2,4
16	R30	E26	511416	CF16R30WW	120	6 / 12	2700K	82	800	8000	5.70"	3.75"	1,2,4
			511616	CF16R30DL	120	6 / 12	6500K	81	705	8000	5.70"	3.75"	1,2,4
23	R40	E26	511523	CF23R40WW	120	6 / 12	2700K	82	1200	8000	6.34"	4.69"	1,2,4
			511624	CF23R40DL	120	6 / 12	6500K	82	1100	8000	6.34"	4.69"	1,2,4
	BR38	E26	511423	CF23BR38WW	120	6 / 12	2700K	82	1200	8000	6.30"	4.75"	1,2,4
			511623	CF23BR38DL	120	6 / 12	6500K	82	1100	8000	6.30"	4.75"	1,2,4



Energy Wiser® Reflectors - Dimmable

R30, R40



see pg 177

- Smooth dimming down to 20% lumen output
- IC (Integrated Circuit) technology provides longer life when dimming compared to other CFLs
- Ideal for general residential and commercial applications

CFL = Incandescent

15W = 65W

23W = 100W



R30
CF15R30WW/DM



R40
CF23R40WW/DM

For LED PAR alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
15	R30	E26	514215	CF15R30WW/DM	120	1 / 12	2700K	82	680	8000	6.10"	3.75"	1,2,4,7
23	R40	E26	514223	CF23R40WW/DM	120	1 / 12	2700K	82	1050	8000	7.00"	5.00"	1,2,4,7



Energy Wiser® PARs

PAR20, PAR30 Long Neck, PAR38

- Aluminum reflector allows for better light output
- Direct replacement for halogen PARs
- Ideal for residential and commercial use in recessed cans, track and outdoor lighting



see pg 177

CFL = Halogen

9W = 35W

15W = 50W

23W = 90W



PAR20

CF9PAR20WW
CF9PAR20SD

PAR30 Long Neck

 CF15PAR30WW
CF15PAR30SD

PAR38

 CF23PAR38WW
CF23PAR38SD

For LED PAR alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
9	PAR20	E26	514209	CF9PAR20WW	120	12 / 24	3000K	82	350	8000	3.63"	2.50"	1,2
		E26	514219	CF9PAR20SD	120	12 / 24	5000K	82	310	8000	3.63"	2.50"	1,2
15	PAR30LN	E26	514305	 CF15PAR30WW	120	12 / 24	3000K	82	670	8000	4.56"	3.75"	1,2
			514315	CF15PAR30SD	120	12 / 24	5000K	82	630	8000	4.56"	3.75"	1,2
23	PAR38	E26	514503	 CF23PAR38WW	120	12 / 24	3000K	82	1200	8000	5.25"	4.75"	1,2
			514513	CF23PAR38SD	120	12 / 24	5000K	82	1050	8000	5.25"	4.75"	1,2



see pg 177

Energy Wiser® Covered Coils

A17, A19, Yellow Bug, A20

- Up to 75% energy savings compared to incandescents
- Yellow bug light emits a yellow light that is not visible to bugs and insects
- Ideal for general residential applications

CFL = Incandescent

9W = 40W

14W = 60W

20W = 75W



NEW



A17

CF9A17/WW

A19

CF14A/WW

Yellow Bug A19

CF14A/YB

A20

CF20A/SW

For LED alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Desc.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
9	A17	E26	512009	CF9A17/WW	120	1 / 12	2700K	82	500	10,000	4.20"	2.19"	1,2
14	A19	E26	512014	CF14A/WW	120	1 / 12	2700K	82	800	8000	4.90"	2.56"	1,2
			512514	CF14A/YB	120	1 / 12	Yellow Bug	-	-	8000	4.90"	2.38"	1,2
20	A20	E26	512020	CF20A/SW	120	1 / 12	2800K	82	1100	8000	6.00"	2.39"	1,2



Energy Wiser® Covered Coils

B10, G25, G30, T20

- Direct replacement for incandescent B10, G25 and G30
- Ideal for residential and commercial applications



see pg 177

CFL = Incandescent

5W = 25W

7W = 40W

14W/16W = 60W



**B10
Candelabra (E12)**
CF5/CTW
CF7/CTW

**B10
Medium (E26)**
CF7/ETW

G25
CF14G25SW
CF14G25SD

G30
CF16G30SW
CF16G30SD

T20
CF14T/SW
CF14T/SD

For LED Chandelier alternatives and Decorative LED Globe alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
5	B10	E12	513005	CF5/CTW	120	1 / 12	3000K	82	210	8000	4.13"	1.50"	1,2
7	B10	E12	513007	CF7/CTW	120	1 / 12	3000K	82	300	8000	4.13"	1.50"	1,2
		E26	513107	CF7/ETW	120	1 / 12	3000K	82	300	8000	4.13"	1.50"	1,2
14	G25	E26	505014	CF14G25SW	120	1 / 12	3000K	82	800	8000	4.33"	3.13"	1,2,4
			505114	CF14G25SD	120	1 / 12	5000K	82	770	8000	4.33"	3.13"	1,2,4
	T20	E26	505314	CF14T/SW	120	1 / 12	3000K	82	800	8000	5.43"	2.44"	1,2,4
			505313	CF14T/SD	120	1 / 12	5000K	82	720	8000	5.43"	2.44"	1,2,4
16	G30	E26	505017	CF16G30SW	120	1 / 12	3000K	82	900	8000	5.04"	3.69"	1,2,4
		E26	505116	CF16G30SD	120	1 / 12	5000K	82	770	8000	5.04"	3.69"	1,2,4

BULBRITE®

Bulbrite.com





see pg 177

Energy Wiser® Specialty

Circline, MR16 GU10, T5 Quad

- CFL MR16 features high lumen output in compact GU10 size
- T5 Quad provides high lumen output and excellent lumen maintenance
- Circline 3-Way includes lamp & electronic 3-Way adapter
- Ideal for general purpose lighting commonly used for residential and commercial applications

CFL = Halogen

11W MR16 = 20W MR16

CFL = Incandescent

10/20/30W = 50/100/150W

27W = 120W



CIRCLINE
FCL30/3WAY



MR16 GU10
CF11MR16/GU10



T5 QUAD
FML-27

For LED MR16 GU10 alternatives, see Bulbrite's LED catalog.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)	Notes pg. 124
11	MR16	GU10	511111	CF11MR16/GU10	120	1 / 12	2700K	80	250	10,000	3.20"	2.00"	1,2,4
27	T5 QUAD	GX10Q-4	524625	FML-27	-	10 / 50	6500K	82	1400	8000	5.90"	-	1,2
10/20/30	T9	E26	515530	FCL30/3WAY	120	1 / 12	2700K	82	590/1500/2100	10,000	3.63"	9.00"	1



compact fluorescent



Energy Wiser® Dark Sky T3 Coil - Universal, Base Up

- IDA approved Dark-Sky bulb
- Patented design features 180° adjustable shield on universal model
- Allows light to shine only where intended and minimizes light pollution
- Ideal for outdoor lighting in residential and commercial applications



see pg 177

CFL = Incandescent

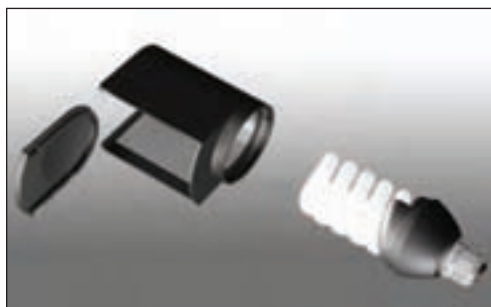
15W = 60W



Universal
CF15C/DS/U



Base Up
CF15C/DS/BU



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Avg. Rated Life	M.O.L. (Length)	M.O.D. (Diameter)
15	T3 COIL	E26	509916	CF15C/DS/U	120	1 / 12	2800K	82	900	8000	5.6"	2.40" x 3.06"
			509915	CF15C/DS/BU	120	1 / 12	2800K	82	900	8000	5.4"	2.50"



see pg 177

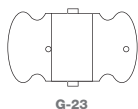
Energy Wiser® Pin Base Twin Tube

- 2-pin lamps are for use with magnetic ballasts
- 4-pin lamps are for use with dimmable electronic ballasts
- Ideal for commercial applications, most commonly used in recessed cans, portables, ceiling fixtures and wall sconces



5 Watt

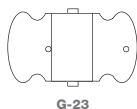
CF5S827
CF5S841



G-23

7 Watt

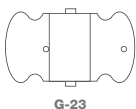
CF7S827
CF7S841



G-23

9 Watt

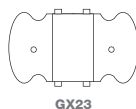
CF9S827
CF9S835
CF9S841



G-23

13 Watt

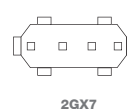
CF13S827 CF13S850
CF13S835 CF13S865
CF13S841



GX23

13 Watt 4-Pin

CF13S827/E
CF13S835/E
CF13S841/E



2GX7

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Avg. Rated Life	M.O.L. (Length)	Notes pg. 124
5	T4	G23	524005	CF5S827	10 / 50	2700K	82	230 / 195	10,000	4.20"	1,2,3,4,5
			524025	CF5S841	10 / 50	4100K	82	230 / 195	10,000	4.20"	1,2,3,4,5
7	T4	G23	524007	CF7S827	10 / 50	2700K	82	400 / 340	10,000	5.30"	A,1,2,3,4,5
			524027	CF7S841	10 / 50	4100K	82	400 / 340	10,000	5.30"	A,1,2,3,4,5
9	T4	G23	524009	CF9S827	10 / 50	2700K	82	580 / 490	10,000	6.50"	A,1,2,3,4,5
			524019	CF9S835	10 / 50	3500K	82	580 / 490	10,000	6.50"	A,1,2,3,4,5
			524029	CF9S841	10 / 50	4100K	82	580 / 490	10,000	6.50"	A,1,2,3,4,5
13	T4	GX23	524013	CF13S827	10 / 50	2700K	82	800 / 680	10,000	7.10"	A,1,2,3,4,5
			524023	CF13S835	10 / 50	3500K	82	800 / 680	10,000	7.10"	A,1,2,3,4,5
			524033	CF13S841	10 / 50	4100K	82	800 / 680	10,000	7.10"	A,1,2,3,4,5
			524043	CF13S850	10 / 50	5000K	82	800 / 680	10,000	7.10"	A,1,2,3,4,5
	2GX7		524053	CF13S865	10 / 50	6500K	82	800 / 680	10,000	7.10"	1,2,3,4,5
			524413	CF13S827/E	10 / 50	2700K	82	820 / 690	10,000	6.20"	1,2,3,4,5
			524423	CF13S835/E	10 / 50	3500K	82	820 / 690	10,000	6.20"	1,2,3,4,5
			524433	CF13S841/E	10 / 50	4100K	82	820 / 690	10,000	6.20"	1,2,3,4,5

For complete pin base diagram, see page 164.

BULBRITE®



Energy Wiser® Pin Base

Quad 2-Pin

- Quad 2-Pin lamps are for use with magnetic ballasts
- Ideal for commercial applications, most commonly used in recessed cans, ceiling fixtures and wall sconces

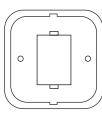


see pg 177



9 Watt

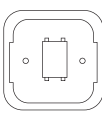
CF9D827



G23-2

13 Watt

CF13D827
CF13D830
CF13D835
CF13D841



GX23-2

18 Watt

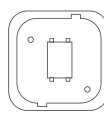
CF18D827
CF18D830
CF18D835
CF18D841



G24d-2

26 Watt

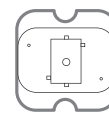
CF26D827
CF26D830
CF26D835
CF26D841



G24d-3

20 Watt

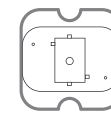
PLC22W/827



GX32d-2

27 Watt

PLC28W/827



GX32d-3

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Avg. Rated Life	M.O.L. (Length)	Notes pg. 124
9	T4	G23-2	524109	CF9D827	10 / 50	2700K	82	525 / 440	10,000	4.30"	D, 1,2,3,4,5
13	T4	GX23-2	524113	CF13D827	10 / 50	2700K	82	780 / 660	10,000	4.60"	A, 1,2,3,4,5
			524123	CF13D830	10 / 50	3000K	82	780 / 660	10,000	4.60"	1,2,3,4,5
			524133	CF13D835	10 / 50	3500K	82	780 / 660	10,000	4.60"	A, 1,2,3,4,5
			524143	CF13D841	10 / 50	4100K	82	780 / 660	10,000	4.60"	A, 1,2,3,4,5
18	T4	G24d-2	524118	CF18D827	10 / 50	2700K	82	1250 / 1050	10,000	6.00"	A, 1,2,3,4,5
			524128	CF18D830	10 / 50	3000K	82	1250 / 1050	10,000	6.00"	A, 1,2,3,4,5
			524138	CF18D835	10 / 50	3500K	82	1250 / 1050	10,000	6.00"	A, 1,2,3,4,5
			524148	CF18D841	10 / 50	4100K	82	1250 / 1050	10,000	6.00"	1,2,3,4,5
20	T4	GX32d-2	524622	PLC22W/827	1 / 40	2700K	82	1200 / 995	10,000	6.00"	M
26	T4	G24d-3	524126	CF26D827	10 / 50	2700K	82	1800 / 1530	10,000	6.80"	A, 1,2,3,4,5
			524136	CF26D830	10 / 50	3000K	82	1800 / 1530	10,000	6.80"	A, 1,2,3,4,5
			524146	CF26D835	10 / 50	3500K	82	1800 / 1530	10,000	6.80"	A, 1,2,3,4,5
			524156	CF26D841	10 / 50	4100K	82	1800 / 1530	10,000	6.80"	A, 1,2,3,4,5
27	T4	GX32d-3	524628	PLC28W/827	1 / 40	2700K	82	1600 / 1325	10,000	6.80"	M

For complete pin base diagram, see page 164.

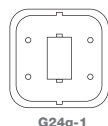


see pg 177

Energy Wiser® Pin Base

Quad 4-Pin

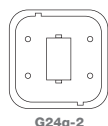
- Quad 4-Pin lamps are for use with dimmable electronic ballasts
- Ideal for commercial applications, most commonly used in recessed cans, ceiling fixtures and wall sconces



G24q-1

13 Watt

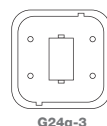
CF13D827/E
CF13D830/E
CF13D835/E
CF13D841/E



G24q-2

18 Watt

CF18D827/E
CF18D830/E
CF18D835/E
CF18D841/E



G24q-3

26 Watt

CF26D827/E
CF26D830/E
CF26D835/E
CF26D841/E
CF26D865/E

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Avg. Rated Life	M.O.L. (Length)	Notes pg. 124
13	T4	G24q-1	524213	CF13D827/E	10 / 50	2700K	82	900 / 760	10,000	5.20"	1,2,3,4,5
			524223	CF13D830/E	10 / 50	3000K	82	900 / 760	10,000	5.20"	1,2,3,4,5
			524233	CF13D835/E	10 / 50	3500K	82	900 / 760	10,000	5.20"	1,2,3,4,5
			524243	CF13D841/E	10 / 50	4100K	82	900 / 760	10,000	5.20"	1,2,3,4,5
18	T4	G24q-2	524218	CF18D827/E	10 / 50	2700K	82	1150 / 970	10,000	5.80"	1,2,3,4,5
			524228	CF18D830/E	10 / 50	3000K	82	1150 / 970	10,000	5.80"	1,2,3,4,5
			524238	CF18D835/E	10 / 50	3500K	82	1150 / 970	10,000	5.80"	1,2,3,4,5
			524248	CF18D841/E	10 / 50	4100K	82	1150 / 970	10,000	5.80"	1,2,3,4,5
26	T4	G24q-3	524226	CF26D827/E	10 / 50	2700K	82	1710 / 1450	10,000	6.50"	A,1,2,3,4,5
			524236	CF26D830/E	10 / 50	3000K	82	1710 / 1450	10,000	6.50"	A,1,2,3,4,5
			524246	CF26D835/E	10 / 50	3500K	82	1710 / 1450	10,000	6.50"	A,1,2,3,4,5
			524256	CF26D841/E	10 / 50	4100K	82	1710 / 1450	10,000	6.50"	A,1,2,3,4,5
			524266	CF26D865/E	10 / 50	6500K	82	1710 / 1450	10,000	6.50"	1,2,3,4,5

For complete pin base diagram, see page 164.



compact fluorescent



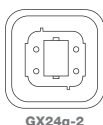
Energy Wiser® Pin Base

Triple 4-Pin

- Triple 4-Pin lamps are for use with dimmable electronic ballasts
- Ideal for commercial applications, most commonly used in recessed cans, ceiling fixtures and wall sconces

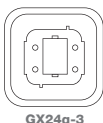


see pg 177



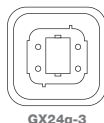
18 Watt

CF18T830/E
CF18T835/E
CF18T841/E



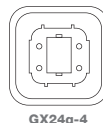
26 Watt

CF26T830/E
CF26T835/E
CF26T841/E



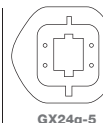
32 Watt

CF32T830/E
CF32T835/E
CF32T841/E



42 Watt

CF42T830/E
CF42T835/E
CF42T841/E



57 Watt

CF57T830/E
CF57T835/E
CF57T841/E

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Avg. Rated Life	M.O.L. (Length)	Notes pg. 124
18	T4	GX24q-2	524318	CF18T830/E	10 / 50	3000K	82	1200 / 1000	10,000	4.40"	1,2,3,4,5
			524328	CF18T835/E	10 / 50	3500K	82	1200 / 1000	10,000	4.40"	1,2,3,4,5
			524338	CF18T841/E	10 / 50	4100K	82	1200 / 1000	10,000	4.40"	D,1,2,3,4,5
26	T4	GX24q-3	524326	CF26T830/E	10 / 50	3000K	82	1800 / 1530	10,000	5.00"	1,2,3,4,5,6
			524336	CF26T835/E	10 / 50	3500K	82	1800 / 1530	10,000	5.00"	1,2,3,4,5,6
			524346	CF26T841/E	10 / 50	4100K	82	1800 / 1530	10,000	5.00"	1,2,3,4,5,6
32	T4	GX24q-3	524332	CF32T830/E	10 / 50	3000K	82	2400 / 2040	10,000	5.60"	1,2,3,4,5,6
			524342	CF32T835/E	10 / 50	3500K	82	2400 / 2040	10,000	5.60"	A,1,2,3,4,5,6
			524352	CF32T841/E	10 / 50	4100K	82	2400 / 2040	10,000	5.60"	A,1,2,3,4,5,6
42	T4	GX24q-4	524344	CF42T830/E	10 / 50	3000K	82	3200 / 2700	10,000	6.50"	A,1,2,3,4,5,6
			524354	CF42T835/E	10 / 50	3500K	82	3200 / 2700	10,000	6.50"	A,1,2,3,4,5,6
			524364	CF42T841/E	10 / 50	4100K	82	3200 / 2700	10,000	6.50"	A,1,2,3,4,5,6
57	T4	GX24q-5	524357	CF57T830/E	10 / 50	3000K	82	4300 / 3650	12,000	7.70"	D,1,2,3,4,5,6
			524367	CF57T835/E	10 / 50	3500K	82	4300 / 3650	12,000	7.70"	D,1,2,3,4,5,6
			524377	CF57T841/E	10 / 50	4100K	82	4300 / 3650	12,000	7.70"	D,1,2,3,4,5,6

For complete pin base diagram, see page 164.



see pg 177

Energy Wiser® Pin Base

High Lumen Long Twin - FT

- RS = Rapid Start
- All High Lumen Long Twin 4-Pin lamps are for use with dimmable electronic ballasts
- Ideal for commercial applications, most commonly used in recessed cans, portables, ceiling fixtures and wall sconces

18 Watt

FT18/830
FT18/835
FT18/841



2G11

24 Watt

FT24/830
FT24/835
FT24/841



36 Watt

FT36/830
FT36/835
FT36/841



40 Watt

FT40/830RS
FT40/835RS
FT40/841RS
FT40/850RS



55 Watt

FT55/830
FT55/835
FT55/841



Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Avg. Rated Life	M.O.L. (Length)	Notes pg. 124
18	T5	2G11	504512	FT18/830	10 / 40	3000K	82	1250 / 1060	12,000	9.00"	1,2,3,4,5
			504513	FT18/835	10 / 40	3500K	82	1250 / 1060	12,000	9.00"	1,2,3,4,5
			504514	FT18/841	10 / 40	4100K	82	1250 / 1060	12,000	9.00"	1,2,3,4,5
24	T5	2G11	504525	FT24/830	10 / 40	3000K	82	1800 / 1530	12,000	12.60"	1,2,3,4,5
			504526	FT24/835	10 / 40	3500K	82	1800 / 1530	12,000	12.60"	1,2,3,4,5
			504527	FT24/841	10 / 40	4100K	82	1800 / 1530	12,000	12.60"	1,2,3,4,5
36	T5	2G11	504537	FT36/830	10 / 40	3000K	82	2800 / 2380	10,000	16.40"	1,2,3,4,5
			504538	FT36/835	10 / 40	3500K	82	2800 / 2380	10,000	16.40"	A,1,2,3,4,5
			504539	FT36/841	10 / 40	4100K	82	2800 / 2380	10,000	16.40"	A,1,2,3,4,5
40	T5	2G11	504545	FT40/830RS	10 / 40	3000K	82	3500 / 2970	18,000	22.60"	1,2,3,4,5,8
			504546	FT40/835RS	10 / 40	3500K	82	3500 / 2970	18,000	22.60"	A,1,2,3,4,5,8
			504547	FT40/841RS	10 / 40	4100K	82	3500 / 2970	18,000	22.60"	A,1,2,3,4,5,8
			504548	FT40/850RS	10 / 40	5000K	82	3500 / 2970	18,000	22.60"	1,2,3,4,5,8
55	T5	2G11	504550	FT55/830	10 / 40	3000K	82	4800 / 4080	12,000	21.20"	1,2,3,4,5
			504551	FT55/835	10 / 40	3500K	82	4800 / 4080	12,000	21.20"	1,2,3,4,5
			504552	FT55/841	10 / 40	4100K	82	4800 / 4080	12,000	21.20"	1,2,3,4,5

For complete pin base diagram, see page 164.



compact fluorescent





CFL Cross Reference Guide

CFL cross reference guide

Bulbrite Item #	Bulbrite Ordering Code	Sylvania Product #	Sylvania Code	Philips Product #	Philips Code	GE Product #	GE Code
Energy Wiser® Pin Base: Twin Tube							
524005	CF5S827	20325	CF5DS/827/ECO	14671-2	PL-S 5W/827/2P/ALTO	97551	F5BX/827/ECO
524025	CF5S841	20303	CF5DS/841/ECO	14868-4	PL-S 5W/841/2P/ALTO	97553	F5BX/841/ECO
524007	CF7S827	20327	CF7DS/827/ECO	14871-8	PL-S 7W/827/2P/ALTO	97554	F7BX/827/ECO
524027	CF7S841	21274	CF7DS/841/ECO	14873-4	PL-S 7W/841/2P/ALTO	97557	F7BX/841/ECO
524009	CF9S827	20329	CF9DS/827/ECO	14867-6	PL-S 9W/827/2P/ALTO	97558	F9BX/827/ECO
524019	CF9S835	20333	CF9DS/835/ECO	14869-2	PL-S 9W/835/2P/ALTO	97560	F9BX/835/ECO
524029	CF9S841	20305	CF9DS/841/ECO	14870-0	PL-S 9W/841/2P/ALTO	97561	F9BX/841/ECO
524013	CF13S827	20331	CF13DS/827/ECO	14681-1	PL-S 13W/827/2P/ALTO	97573	F13BX/827/ECO
524023	CF13S835	20335	CF13DS/835/ECO	14684-5	PL-S 13W/835/2P/ALTO	97569	F13BX/835/ECO
524033	CF13S841	21134	CF13DS/841/ECO	14685-2	PL-S 13W/841/2P/ALTO	97571	F13BX/841/ECO
524043	CF13S850	21135	CF13DS/850/ECO	14687-8	PL-S 13W/850/2P/ALTO	97572	F13BX/850/ECO
524413	CF13S827/E	20314	CF13DS/E/827			97562	F13BX/E/827/ECO
524423	CF13S835/E	20284	CF13DS/E/830			97564	F13BX/E/835/ECO
524433	CF13S841/E	20318	CF13DS/E/841			97565	F13BX/E/841/ECO
Energy Wiser® Pin Base: Quad 2-Pin							
524109	CF9D827	20689	CF9DD/827/ECO			97576	F9DBX23/827/ECO
524113	CF13D827	20691	CF13DD/827/ECO	38310-9	PL-C 13W/827/USA/ALTO	97586	F13DBX/827/ECO
524123	CF13D830	20705	CF13DD/830/ECO	38311-7	PL-C 13W/830/USA/ALTO	97587	F13DBX/830/ECO
524133	CF13D835	20692	CF13DD/835/ECO	38312-5	PL-C 13W/835/USA/ALTO	97588	F13DBX/835/ECO
524143	CF13D841	20708	CF13DD/841/ECO	38313-3	PL-C 13W/841/USA/ALTO	97589	F13DBX/841/ECO
524118	CF18D827	20676	CF18DD/827/ECO	38316-6	PL-C 18W/827/ALTO	97577	F18DBX/827/ECO
524128	CF18D830	20709	CF18DD/830/ECO	38317-4	PL-C 18W/830/ALTO	97578	F18DBX/830/ECO
524138	CF18D835	20677	CF18DD/835/ECO	38318-2	PL-C 18W/835/ALTO	97579	F18DBX/835/ECO
524148	CF18D841	20678	CF18DD/841/ECO	38319-0	PL-C 18W/841/ALTO	97580	F18DBX/841/ECO
524126	CF26D827	20679	CF26DD/827/ECO	38321-6	PL-C 26W/827/ALTO	97606	F26DBX/827/ECO
524136	CF26D830	20710	CF26DD/830/ECO	38322-4	PL-C 26W/830/ALTO	97607	F26DBX/830/ECO
524146	CF26D835	20680	CF26DD/835/ECO	38323-2	PL-C 26W/835/ALTO	97608	F26DBX/835/ECO
524156	CF26D841	21115	CF26DD/841/ECO	38324-0	PL-C 26W/841/ALTO	97609	F26DBX/841/ECO
Energy Wiser® Pin Base: Quad 4-Pin							
524213	CF13D827/E	20682	CF13DD/E/827/ECO	38325-7	PL-C 13W/827/4P/ALTO	97594	F13DBX/827/ECO4P
524223	CF13D830/E	20721	CF13DD/E/830/ECO	38326-5	PL-C 13W/830/4P/ALTO	97595	F13DBX/830/ECO4P
524233	CF13D835/E	20671	CF13DD/E/835/ECO	38327-3	PL-C 13W/835/4P/ALTO	97596	F13DBX/835/ECO4P
524243	CF13D841/E	20667	CF13DD/E/841/ECO	38328-1	PL-C 13W/841/4P/ALTO	97597	F13DBX/841/ECO4P
524218	CF18D827/E	20683	CF18DD/E/827/ECO	38329-9	PL-C 18W/827/4P/ALTO	97598	F18DBX/827/ECO4P
524228	CF18D830/E	20724	CF18DD/E/830/ECO	38330-7	PL-C 18W/830/4P/ALTO	97599	F18DBX/830/ECO4P
524238	CF18D835/E	20672	CF18DD/E/835/ECO	38332-3	PL-C 18W/835/4P/ALTO	97600	F18DBX/835/ECO4P
524248	CF18D841/E	20668	CF18DD/E/841/ECO	38333-1	PL-C 18W/841/4P/ALTO	97601	F18DBX/841/ECO4P
524226	CF26D827/E	20684	CF26DD/E/827/ECO	38334-9	PL-C 26W/827/4P/ALTO	97610	F26DBX/827/ECO4P
524236	CF26D830/E	20722	CF26DD/E/830/ECO	38335-6	PL-C 26W/830/4P/ALTO	97611	F26DBX/830/ECO4P
524246	CF26D835/E	20673	CF26DD/E/835/ECO	38336-4	PL-C 26W/835/4P/ALTO	97612	F26DBX/835/ECO4P
524256	CF26D841/E	20669	CF26DD/E/841/ECO	38337-2	PL-C 26W/841/4P/ALTO	97613	F26DBX/841/ECO4P

CFL Cross Reference Guide



CFL cross reference guide

Bulbrite Item #	Bulbrite Ordering Code	Sylvania Product #	Sylvania Code	Philips Product #	Philips Code	GE Product #	GE Code
Energy Wiser® Pin Base: Triple 4-Pin							
524318	CF18T830/E	20876	CF18DT/E/IN/830/ECO	26802-9	PL-T 18W/830/4P/ALTO	97625	F18TBX/830/A/ECO
524328	CF18T835/E	20877	CF18DT/E/IN/835/ECO	26820-1	PL-T 18W/835/4P/ALTO	97626	F18TBX/835/A/ECO
524338	CF18T841/E	20878	CF18DT/E/IN/841/ECO	26822-7	PL-T 18W/841/4P/ALTO	97627	F18TBX/841/A/ECO
524326	CF26T830/E	20880	CF26DT/E/IN/830/ECO	26823-5	PL-T 26W/830/4P/ALTO	97615	F26TBX/830/A/ECO
524336	CF26T835/E	20881	CF26DT/E/IN/835/ECO	26824-3	PL-T 26W/835/4P/ALTO	97616	F26TBX/835/A/ECO
524346	CF26T841/E	20882	CF26DT/E/IN/841/ECO	26825-0	PL-T 26W/841/4P/ALTO	97617	F26TBX/841/A/ECO
524332	CF32T830/E	20884	CF32DT/E/IN/830/ECO	26832-6	PL-T 32W/830/4P/ALTO	97630	F32TBX/830/A/ECO
524342	CF32T835/E	20885	CF32DT/E/IN/835/ECO	26833-4	PL-T 32W/835/4P/ALTO	97631	F32TBX/835/A/ECO
524352	CF32T841/E	20886	CF32DT/E/IN/841/ECO	26872-2	PL-T 32W/841/4P/ALTO	97632	F32TBX/841/A/ECO
524344	CF42T830/E	20888	CF42DT/E/IN/830/ECO	26873-0	PL-T 42W/830/4P/ALTO	97634	F42TBX/827/A/ECO
524354	CF42T835/E	20871	CF42DT/E/IN/835/ECO	26875-5	PL-T 42W/835/4P/ALTO	97635	F42TBX/830/A/ECO
524364	CF42T841/E	20890	CF42DT/E/IN/841/ECO	26876-3	PL-T 42W/841/4P/ALTO	97636	F42TBX/835/A/ECO
524357	CF57T830/E	20896	CF57DT/E/IN/830/ECO	14631-6	PL-T 57W/830/4P/ALTO	48862	F57QBX830A4P/EOL
524367	CF57T835/E	20897	CF57DT/E/IN/835/ECO	14632-4	PL-T 57W/835/4P/ALTO	48863	F57QBX835A4P/EOL
524377	CF57T841/E	20899	CF57DT/E/IN/841/ECO	14633-2	PL-T 57W/841/4P/ALTO	48864	F57QBX/841/A/ECO
Energy Wiser® Pin Base: High Lumen Long Twin - FT							
504512	FT18/830	20587	FT18DL/830/ECO	34500-9	PL-L 18W/830/4P	16649	F18BX/SPX30 10PK
504513	FT18/835	20588	FT18DL/835/ECO	35932-3	PL-L 18W/835/4P	16053	F18BX/SPX35 10PK
504514	FT18/841	20589	FT18DL/841/ECO	34501-7	PL-L 18W/841/4P	16940	F18BX/SPX41 10PK
504525	FT24/830	20597	FT24DL/830/ECO	34505-8	PL-L 24W/830/4P	16944	F27BXPX30RS10PK
504526	FT24/835	20580	FT24DL/835/ECO	35933-1	PL-L 24W/835/4P	16948	F27BXPX35RS10PK
504527	FT24/841	20596	FT24DL/841/ECO	34508-2	PL-L 24W/841/4P	16951	F27BXPX41RS10PK
504537	FT36/830	20581	FT36DL/830/ECO	34511-6	PL-L 36W/830/4P	16538	F39BXPX30RS10PK
504538	FT36/835	20582	FT36DL/835/ECO	34942-3	PL-L 36W/835/4P	15867	F39BXPX35RS10PK
504539	FT36/841	20583	FT36DL/841/ECO	34513-2	PL-L 36W/841/4P	16952	F39BXPX41RS10PK
504545	FT40/830RS	20584	FT40DL/830/RS/ECO	30042-6	PL-L 40W/830/4P/RS/IS	16953	F4030BXPX30 10P
504546	FT40/835RS	20585	FT40DL/835/RS/ECO	30043-4	PL-L 40W/835/4P/RS/IS	16648	F40/30BX/SPX35
504547	FT40/841RS	20586	FT40DL/841/RS/ECO	30044-2	PL-L 40W/841/4P/RS/IS	16954	F40/30BX/SPX41
504548	FT40/850RS	20576	FT40DL/850/RS/ECO			10490	F40/30BX/SPX50RS
504550	FT55/830	20590	FT55DL/830/ECO			31951	F55BX/830
504551	FT55/835	20591	FT55DL/835/ECO			31952	F55BX/835
504552	FT55/841	20592	FT55DL/841/ECO			31953	F55BX/840

Compact Fluorescent Footnotes

M	Major Brand
A	Available in Major Brand, see pg 160 - 161
D	Discontinued Item - Limited Quantity Available

- 1** Compact fluorescent lamps contain mercury. For more information on clean up and safe disposal, visit: epa.gov/cfl. For Bulbrite's recycling program, see pg 177.
- 2** Minimum starting temperature: 0°F for most CFLs; -10°F for PAR lamps; 5°F for pin base CFLs.
- 3** This lamp is TCLP Compliant. TCLP stands for the Toxicity Characteristic Leaching Procedure which classifies waste as hazardous or non-hazardous in most states for the purpose of disposal.
- 4** This lamp is RoHS Compliant. RoHS is the restriction on the use of certain hazardous substances in electrical and electronic equipment. RoHS restricts the use of mercury, lead, hexavalent chromium, cadmium and a range of flame retardants, notably polybrominated biphenyls and polybrominated diphenyl ethers. There are a number of exemptions for the use of the hazardous substances for specific technical uses where alternatives do not presently exist. There are also permissible maximum concentration values which allow for any trace presence.
- 5** CE approval indicates that this product is compliant with EU legislation and enables free movement of this product within the European market. This mark certifies that the product complies with all relevant essential requirements in regard to safety, health and environmental protection requirements.
- 6** Amalgam lamps suitable for high heat applications. Amalgam technology helps dissipate heat in high temperature applications allowing for a wide operating temperature range and stabilize light output in any burn position. The mercury content in amalgam lamps is less than 1mg per lamp.
- 7** This lamp may not be compatible with all dimmer models, occupancy sensors or control systems (photocells). The quantity of lamps used on any one dimmer may affect lamp performance. For more details on compatibility, contact Bulbrite at (800) 528 – 5555.
Do not use dimming as a method for turning off the lamp. Dimming may adversely affect lamp life.
- 8** This lamp may be operated on a rapid start ballast. When operated on a rapid start ballast this lamp operates at 45W; design wattage is 40W.

IMPORTANT:

The National Electrical Manufacturers Association (NEMA) published a white paper report identifying an "end-of-life" phenomenon affecting small diameter (T5, T4, T2) compact fluorescent pin-based lamps. When operated on high frequency electronic ballasts, these lamps may experience: (1) bulb wall cracking near the base of the lamp and/or (2) overheating in the lamp base area and possibly melting the base and/or socket. NEMA recommends that if high frequency electronic ballasts are used, the ballast should be equipped with an end-of-life protection circuit that will safely and reliably shut down the system in the rare event of an end-of-life failure as described above. For additional information, please refer to www.nema.org.

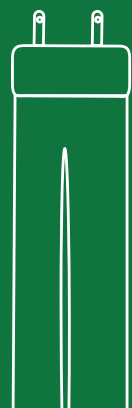
All CFLs are for indoor use only. Outdoor use requires a weather-protected fixture.

Self-ballasted compact fluorescent lamps must only be operated on 120V, 60Hz circuits. Lamps operated at a higher voltage or within a recessed or enclosed fixture will experience reduced lamp life.

CFL 2-YEAR LIMITED WARRANTY:

This lamp, when delivered in new condition and in its original package, is warranted for 2 years from the date of purchase (or manufactured date if invoice date is not known or available) against defects in materials and workmanship (based on an average household use of 3 hours per day). BULBRITE's standard warranty terms and conditions shall apply. See page 176 for details.

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **Fluorescents**

BULBRITE®

Energy Wiser® Miniature T5, T8 F4, F6, F8, F13, F15

- Available in warm white and cool white as well as a wide variety of sizes
- Pre-heat lamps (starter required)
- Ideal for commercial/industrial applications and signage/displays



see pg 177



F4 6"
F4T5WW
F4T5CW

F6 9"
F6T5WW
F6T5CW

F8 12"
F8T5WW
F8T5CW

F13 21"
F13T5WW
F13T5CW

F15 18"
F15T8WW
F15T8CW

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
4	T5	MINI BI-PIN	501004	F4T5WW	25 / 200	3000K	52	135 / 125	5000	5.91"	D,1,5
			501104	F4T5CW	25 / 200	4100K	62	130 / 115	5000	5.91"	D,1,5
6	T5	MINI BI-PIN	501006	F6T5WW	25 / 200	3000K	52	300 / 245	5000	8.91"	D,1,5
			501106	F6T5CW	25 / 200	4100K	62	290 / 230	5000	8.91"	1,5
8	T5	MINI BI-PIN	501008	F8T5WW	25 / 200	3000K	52	400 / 360	5000	11.91"	1,5
			501108	F8T5CW	25 / 200	4100K	62	390 / 335	5000	11.91"	1,5
13	T5	MINI BI-PIN	501013	F13T5WW	25 / 200	3000K	52	800 / 760	5000	20.91"	1,5
			501113	F13T5CW	25 / 200	4100K	62	750 / 705	5000	20.91"	1,5
15	T8	MINI BI-PIN	501015	F15T8WW	25 / 200	3000K	52	750 / 600	5000	17.78"	1,5
			501115	F15T8CW	25 / 200	4100K	62	700 / 580	5000	17.78"	1,5

Average Rated Life is based on 3 hour cycles.

Energy Wiser® Subminiature T2

FM6, FM8, FM11, FM13



see pg 177

- Available in a wide variety of sizes
- 7 mm diameter for maximum space saving
- Ideal for under cabinets, display cases and other small areas



FM6 8.6"

FM6T2/830
FM6T2/835
FM6T2/841



FM8 12.6"

FM8T2/830
FM8T2/835
FM8T2/841



FM11 16.6"

FM11T2/830
FM11T2/835
FM11T2/841



FM13 20.6"

FM13T2/830
FM13T2/835
FM13T2/841

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
6	T2	AXIAL	517260	FM6T2/830	20 / 20	3000K	80	330 / 297	10,000	8.6"	1,3,4,5
			517261	FM6T2/835	20 / 20	3500K	80	330 / 297	10,000	8.6"	1,3,4,5
			517262	FM6T2/841	20 / 20	4100K	80	330 / 297	10,000	8.6"	1,3,4,5
8	T2	AXIAL	517280	FM8T2/830	20 / 20	3000K	80	540 / 486	10,000	12.6"	1,3,4,5
			517281	FM8T2/835	20 / 20	3500K	80	540 / 486	10,000	12.6"	1,3,4,5
			517282	FM8T2/841	20 / 20	4100K	80	540 / 486	10,000	12.6"	1,3,4,5
11	T2	AXIAL	517210	FM11T2/830	20 / 20	3000K	80	750 / 675	10,000	16.6"	1,3,4,5
			517211	FM11T2/835	20 / 20	3500K	80	750 / 675	10,000	16.6"	1,3,4,5
			517212	FM11T2/841	20 / 20	4100K	80	750 / 675	10,000	16.6"	1,3,4,5
13	T2	AXIAL	517230	FM13T2/830	20 / 20	3000K	80	930 / 837	10,000	20.6"	1,3,4,5
			517231	FM13T2/835	20 / 20	3500K	80	930 / 837	10,000	20.6"	1,3,4,5
			517232	FM13T2/841	20 / 20	4100K	80	930 / 837	10,000	20.6"	1,3,4,5

Average Rated Life is based on 3 hour cycles.

Energy Wiser® T4

F6, F8, F12, F16, F20, F24, F28

- Available in a wide variety of sizes
- Ideal for commercial/industrial applications and signage/displays

Product affected by
EISA legislation, beginning
July 14th of year noted.
Only available while supplies last.
See pg 10-11 for details on legislation.



see pg 177



F6 9.8"	F8 13"	F12 17"	F16 18.75"	F20 20.5"	F24 33.9"	F28 45.8"
F6T4/30K	F8T4/30K	F12T4/30K	F16T4/30K	F20T4/30K	F24T4/30K	F28T4/30K
F6T4/41K	F8T4/41K	F12T4/41K	F16T4/41K	F20T4/41K	F24T4/41K	F28T4/41K
F6T4/64K	F8T4/64K	F12T4/64K	F16T4/64K	F20T4/64K	F24T4/64K	F28T4/64K

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Desc.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
6	T4	MINI BI-PIN	585006	F6T4/30K	10 / 20	3000K	58	300 / 250	10,000	9.8"	D,1,5
			585106	F6T4/41K	10 / 20	4100K	58	300 / 250	10,000	9.8"	1,5
			585206	F6T4/64K	10 / 20	6400K	68	300 / 250	10,000	9.8"	D,1,5
8	T4	MINI BI-PIN	585008	F8T4/30K	10 / 20	3000K	58	450 / 360	10,000	13"	1,5
			585108	F8T4/41K	10 / 20	4100K	58	450 / 360	10,000	13"	1,5
			585208	F8T4/64K	10 / 20	6400K	68	450 / 360	10,000	13"	1,5
12	T4	MINI BI-PIN	585012	F12T4/30K	10 / 20	3000K	58	700 / 540	10,000	17"	1,5
			585112	F12T4/41K	10 / 20	4100K	58	700 / 540	10,000	17"	1,5
			585212	F12T4/64K	10 / 20	6400K	68	700 / 540	10,000	17"	1,5
16	T4	MINI BI-PIN	585016	F16T4/30K	10 / 20	3000K	58	1040 / 950	10,000	18.75"	1,5
			585116	F16T4/41K	10 / 20	4100K	58	1040 / 950	10,000	18.75"	1,5
			585216	F16T4/64K	10 / 20	6400K	68	1040 / 950	10,000	18.75"	1,5
20	T4	MINI BI-PIN	585020	F20T4/30K	10 / 20	3000K	58	1300 / 1215	10,000	20.5"	1,5
			585120	F20T4/41K	10 / 20	4100K	58	1300 / 1215	10,000	20.5"	1,5
			585220	F20T4/64K	10 / 20	6400K	68	1300 / 1215	10,000	20.5"	1,5
24	T4	MINI BI-PIN	585024	F24T4/30K	10 / 20	3000K	58	1800 / 1470	10,000	33.9"	1,5
			585124	F24T4/41K	10 / 20	4100K	58	1800 / 1470	10,000	33.9"	1,5
			585224	F24T4/64K	10 / 20	6400K	68	1800 / 1470	10,000	33.9"	1,5
28	T4	MINI BI-PIN	▲ 585028	F28T4/30K	10 / 20	3000K	58	2200 / 1710	10,000	45.8"	Ⓔ,1,2,5
			▲ 585128	F28T4/41K	10 / 20	4100K	58	2200 / 1710	10,000	45.8"	Ⓔ,1,2,5
			▲ 585228	F28T4/64K	10 / 20	6400K	68	2200 / 1710	10,000	45.8"	Ⓔ,1,2,5

The Ⓔ means this bulb meets Federal minimum efficiency standards.

Average Rated Life is based on 3 hour cycles.

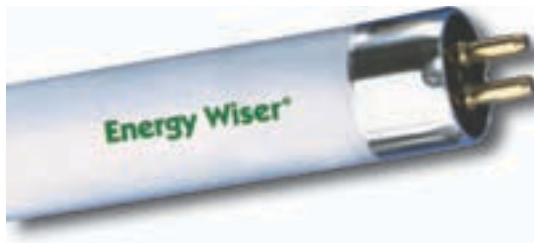
Energy Wiser® High Performance T5

F14, F21, F24, F28, F35, F39, F54



see pg 177

- High performance tri-phosphor for maximum brightness and color rendering
- Ideal for commercial and industrial applications



High Output (HO)

F24 2'

F24T5/835/HO
F24T5/841/HO

F39 3'

F39T5/830/HO
F39T5/835/HO
F39T5/841/HO

F54 4'

F54T5/830/HO
F54T5/835/HO
F54T5/841/HO
F54T5/850/HO

Standard

F14 2'

F14T5/830
F14T5/835
F14T5/841
F14T5/865

F21 3'

F21T5/830
F21T5/835
F21T5/841
F21T5/865

F28 4'

F28T5/830
F28T5/835
F28T5/841
F28T5/865

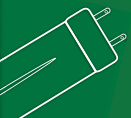
F35 5'

F35T5/830
F35T5/841
F35T5/865

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
14	T5	MINI-B-PIN	519140	F14T5/830	20 / 40	3000K	82	1350 / 1280	24,000	22.2"	1,3,4,5
			519141	F14T5/835	20 / 40	3500K	82	1350 / 1280	24,000	22.2"	1,3,4,5
			519142	F14T5/841	20 / 40	4100K	82	1300 / 1250	24,000	22.2"	1,3,4,5
			519143	F14T5/865	20 / 40	6500K	82	1200 / 1150	24,000	22.2"	1,3,4,5
21	T5	MINI-B-PIN	519210	F21T5/830	20 / 40	3000K	82	2100 / 2000	24,000	34"	1,3,4,5
			519211	F21T5/835	20 / 40	3500K	82	2100 / 2000	24,000	34"	1,3,4,5
			519212	F21T5/841	20 / 40	4100K	82	2000 / 1900	24,000	34"	1,3,4,5
			519213	F21T5/865	20 / 40	6500K	82	1900 / 1800	24,000	34"	1,3,4,5
24	T5	MINI-B-PIN	519241	F24T5/835/HO	20 / 40	3500K	82	2000 / 1850	24,000	22.2"	1,3,4,5,8
			519242	F24T5/841/HO	20 / 40	4100K	82	2000 / 1850	24,000	22.2"	1,3,4,5,8
28	T5	MINI-B-PIN	519280	F28T5/830	20 / 40	3000K	82	2900 / 2750	24,000	45.8"	Ⓔ, 1,3,4,5
			519281	F28T5/835	20 / 40	3500K	82	2900 / 2750	24,000	45.8"	Ⓔ, 1,3,4,5
			519282	F28T5/841	20 / 40	4100K	82	2800 / 2650	24,000	45.8"	Ⓔ, 1,3,4,5
			519283	F28T5/865	20 / 40	6500K	82	2600 / 2450	24,000	45.8"	Ⓔ, 1,3,4,5
35	T5	MINI-B-PIN	519351	F35T5/830	20 / 40	3000K	82	3600 / 3450	24,000	57.6"	1,3,4,5
			519352	F35T5/841	20 / 40	4100K	82	3600 / 3450	24,000	57.6"	1,3,4,5
			519353	F35T5/865	20 / 40	6500K	82	3250 / 3100	24,000	57.6"	1,3,4,5
39	T5	MINI-B-PIN	519390	F39T5/830/HO	20 / 40	3000K	82	3500 / 3150	24,000	34"	1,3,4,5,8
			519391	F39T5/835/HO	20 / 40	3500K	82	3500 / 3150	24,000	34"	1,3,4,5,8
			519392	F39T5/841/HO	20 / 40	4100K	82	3500 / 3150	24,000	34"	1,3,4,5,8
54	T5	MINI-B-PIN	519540	F54T5/830/HO	20 / 40	3000K	82	4500 / 4250	24,000	45.8"	Ⓔ, 1,3,4,5,8
			519541	F54T5/835/HO	20 / 40	3500K	82	4500 / 4250	24,000	45.8"	Ⓔ, 1,3,4,5,8
			519542	F54T5/841/HO	20 / 40	4100K	82	4450 / 4200	24,000	45.8"	Ⓔ, 1,3,4,5,8
			519543	F54T5/850/HO	20 / 40	5000K	82	4450 / 4200	24,000	45.8"	Ⓔ, 1,3,4,5,8

The Ⓔ means this bulb meets Federal minimum efficiency standards.

Average Rated Life is based on 3 hour cycles.



fluorescent



Energy Wiser® T8

F17, F25, F32

- High performance tri-phosphor for maximum brightness and color rendering
- Can be used on both instant and rapid start ballasts
- Ideal for commercial/industrial applications and signage/displays

Product affected by
EISA legislation, beginning
July 14th of year noted.
Only available while supplies last.
See pg 10-11 for details on legislation.



see pg 177

2' F17

F17T8/830/EW
F17T8/835/EW
F17T8/841/EW
F17T8/850/EW
F17T8/865/EW

3' F25

F25T8/830/EW
F25T8/835/EW
F25T8/841/EW
F25T8/850/EW

4' F32

F32T8/730/EW
F32T8/735/EW
F32T8/741/EW
F32T8/750/EW

F32T8/830/EW
F32T8/835/EW
F32T8/841/EW
F32T8/850/EW
F32T8/865/EW



Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L (Pin to Pin)	Notes pg. 138
17	T8	MED BI-PIN	528517	F17T8/830/EW	25 / 25	3000K	82	1350 / 1250	20,000	23.78"	1,3,4,5
			528617	F17T8/835/EW	25 / 25	3500K	82	1350 / 1250	20,000	23.78"	1,3,4,5
			528717	F17T8/841/EW	25 / 25	4100K	82	1350 / 1250	20,000	23.78"	1,3,4,5
			528817	F17T8/850/EW	25 / 25	5000K	82	1400 / 1350	20,000	23.78"	1,3,4,5
			528917	F17T8/865/EW	25 / 25	6500K	82	1300 / 1200	20,000	23.78"	1,3,4,5
25	T8	MED BI-PIN	528525	F25T8/830/EW	25 / 25	3000K	82	2050 / 1900	20,000	35.78"	1,3,4,5
			528625	F25T8/835/EW	25 / 25	3500K	82	2050 / 1900	20,000	35.78"	1,3,4,5
			528725	F25T8/841/EW	25 / 25	4100K	82	2050 / 1900	20,000	35.78"	1,3,4,5
			528825	F25T8/850/EW	25 / 25	5000K	82	2150 / 2050	20,000	35.78"	1,3,4,5
32	T8	MED BI-PIN	▲ 528032	F32T8/730/EW	25 / 25	3000K	75	2750 / 2600	20,000	47.78"	A, 1,2,3,4,5
			▲ 528132	F32T8/735/EW	25 / 25	3500K	75	2750 / 2600	20,000	47.78"	A, 1,2,3,4,5
			▲ 528232	F32T8/741/EW	25 / 25	4100K	75	2750 / 2600	20,000	47.78"	A, 1,2,3,4,5
			▲ 528332	F32T8/750/EW	25 / 25	5000K	75	2750 / 2600	20,000	47.78"	1,2,3,4,5
			528532	F32T8/830/EW	25 / 25	3000K	82	2950 / 2800	20,000	47.78"	A, 1,3,4,5
			528632	F32T8/835/EW	25 / 25	3500K	82	2950 / 2800	20,000	47.78"	A, 1,3,4,5
			528732	F32T8/841/EW	25 / 25	4100K	82	2950 / 2800	20,000	47.78"	A, 1,3,4,5
			528832	F32T8/850/EW	25 / 25	5000K	82	2950 / 2800	20,000	47.78"	A, 1,3,4,5
			528932	F32T8/865/EW	25 / 25	6500K	82	2950 / 2800	20,000	47.78"	1,3,4,5

The (E) means this bulb meets Federal minimum efficiency standards.

24,000 hours @3hrs/start on a Rapid Start Ballast
20,000 hours @3hrs/start on an Instant Start Ballast

Energy Wiser® High Performance T8

Reduced Wattage F28, High Lumen F32



see pg 177

- CEE Qualified
- Reduced Wattage 28W T8s produce equal light output while using less energy than standard 32W T8s
- High Lumen T8s are up to 20% more efficient than standard 32W T8s
- Can be used on both instant and rapid start ballasts
- Ideal for commercial/industrial applications and signage/displays



Reduced Wattage

4' F28

F28T8/835/EW
F28T8/841/EW

High Lumen

4' F32

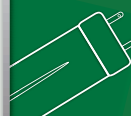
F32T8/835/HL
F32T8/841/HL
F32T8/850/HL



Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
28	T8	MED BI-PIN	528128	F28T8/835/EW	25 / 25	3500K	85	2725 / 2560	24,000	47.78"	Ⓔ,1,3,4,5,6
			528228	F28T8/841/EW	25 / 25	4100K	85	2725 / 2560	24,000	47.78"	Ⓔ,1,3,4,5,6
32	T8	MED BI-PIN	529632	F32T8/835/HL	25 / 25	3500K	85	3300 / 3135	30,000	47.78"	Ⓔ,1,3,4,5,7
			529732	F32T8/841/HL	25 / 25	4100K	85	3300 / 3135	30,000	47.78"	Ⓔ,1,3,4,5,7
			529832	F32T8/850/HL	25 / 25	5000K	85	3200 / 3040	30,000	47.78"	Ⓔ,1,3,4,5,7

The Ⓔ means this bulb meets Federal minimum efficiency standards.

28W @3hrs/start - 24,000 hrs Rapid Start/PRS and 20,000 hrs Instant Start
32W @3hrs/start - 30,000 hrs Rapid Start/PRS and 24,000 hrs Instant Start



Energy Wiser® T12

F15, F20, F30, F40, F48, F72, F96, High Output

- Available in a wide variety of sizes and wattages
- High output lamps are ideal for use in high ceiling applications such as warehouse distribution centers and factories
- Ideal for commercial/industrial applications and signage/displays

Product affected by EISA legislation, beginning July 14th of year noted. Only available while supplies last. See pg 10-11 for details on legislation.



see pg 177



High Output

F48T12CW/HO
F72T12CW/HO
F96CW/HO/SS
F96T12CW/HOO



1.5' F15

F15T12CW
F15T12WW
F15T12D

2' F20

F20T12CW
F20T12WW
F20T12D

3' F30

F30T12CW
F30T12WW
F30T12D

4' F40

F40CW/SS
F40WW/SS
F40DX
F40DGN50



6' F72

F72T12CW
F72T12D

8' F96

F96CW/SS
F96DX
F96DGN50

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
15	T12	MED BI-PIN	501215	F15T12CW	30 / 30	4100K	58	650 / 590	9,000	17.78"	1,5
			501016	F15T12WW	30 / 30	3000K	58	700 / 630	9,000	17.78"	D,1,5
			501216	F15T12D	30 / 30	6500K	68	600 / 560	9,000	17.78"	D,1,5
20	T12	MED BI-PIN	501120	F20T12CW	30 / 30	4100K	62	1200 / 1050	9,000	23.78"	M,1
			501020	F20T12WW	30 / 30	3000K	53	1250 / 1100	9,000	23.78"	M,1
			501220	F20T12D	30 / 30	6500K	79	1075 / 960	9,000	23.78"	M,1
30	T12	MED BI-PIN	501130	F30T12CW	30 / 30	4100K	62	2250 / 1900	18,000	35.78"	M,1
			501030	F30T12WW	30 / 30	3000K	52	2275 / 1950	18,000	35.78"	M,1
			501230	F30T12D	30 / 30	6500K	79	1950 / 1700	18,000	35.78"	M,1
34	T12	MED BI-PIN	▲501134	F40CW/SS	30 / 30	4200K	60	2650 / 2279	20,000	47.78"	M,②,1,2
			▲501034	F40WW/SS	30 / 30	3000K	52	2750 / 2365	20,000	47.78"	M,②,1,2
40	T12	MED BI-PIN	501234	F40DX	30 / 30	6500K	88	2180 / 1770	20,000	47.78"	M,②,1
			501740	F40DGN50	30 / 30	5000K	90	2200 / 1892	20,000	47.78"	D,M,②,1
55	T12	SINGLE PIN	501172	F72T12CW	15 / 15	4100K	59	4450 / 3900	12,000	70"	M,1
			501272	F72T12D	15 / 15	6500K	73	3800 / 3350	12,000	70"	M,1
60	T12	REC. DC	▲501448	F48T12CW/HO	30 / 30	4100K	62	4050 / 3500	12,000	46"	M,1,2,9
		SINGLE PIN	▲501160	F96CW/SS	15 / 15	4200K	60	5300 / 4664	12,000	94"	M,②,1,2
			501296	F96DX	15 / 15	6500K	84	4500 / 3950	12,000	94"	M,②,1
75	T12	SINGLE PIN	501796	F96DGN50	15 / 15	5000K	90	4400 / 3872	12,000	94"	M,1
85	T12	REC. DC	501472	F72T12CW/HO	15 / 15	4100K	62	6350 / 5500	12,000	69.91"	M,1,9
95	T12	REC. DC	▲501460	F96CW/HO/SS	15 / 15	4100K	62	8000 / 6950	12,000	93.91"	M,②,1,2,9
110	T12	REC. DC	501495	F96T12CW/HOO	15 / 15	4100K	62	8800 / 7650	12,000	93.91"	M,②,1,10

The ② means this bulb meets Federal minimum efficiency standards.

Average Rated Life is based on 3 hour cycles.



Product affected by
EISA legislation, beginning
July 14th of year noted.
Only available while supplies last.
See pg 10-11 for details on legislation.

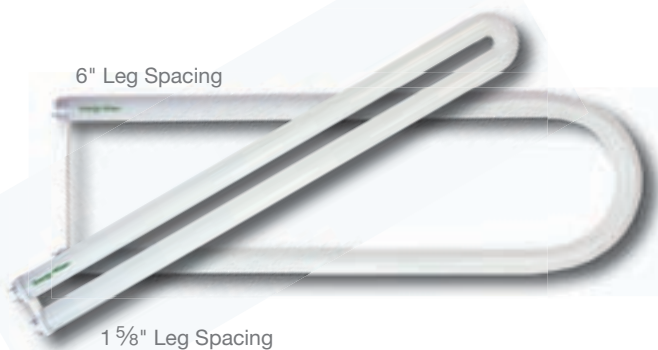
Energy Wiser® U-Tubes T8, T12

FB31, FB32, FB34



see pg 177

- Delivers up to 95% lumen maintenance
- Ideal for commercial/industrial applications
- Instant/Rapid Start T8

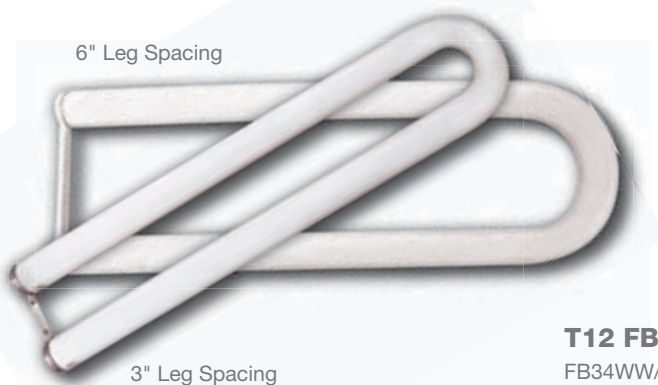


T8 FB31 (1 5/8" Leg Spacing)

FB31/830/EW
FB31/835/EW
FB31/841/EW

T8 FB32 (6" Leg Spacing)

FB32/735/EW FB32/830/EW
FB32/741/EW FB32/835/EW
FB32/841/EW



T12 FB34 (3" Leg Spacing)

FB34WW/3SS
FB34CW/3SS

T12 FB34 (6" Leg Spacing)

FB34WW/6SS
FB34CW/6SS
FB34CW/6/SYL

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
31	T8	MED BI-PIN	522030	FB31/830/EW	20 / 20	3000K	82	2725 / 2560	20,000	22.6"	Ⓔ,1,3,4,5
			522035	FB31/835/EW	20 / 20	3500K	82	2725 / 2560	20,000	22.6"	A,Ⓔ,1,3,4,5
			522041	FB31/841/EW	20 / 20	4100K	82	2725 / 2560	20,000	22.6"	A,Ⓔ,1,3,4,5
32	T8	MED BI-PIN	522135	FB32/735/EW	10 / 10	3500K	75	2750 / 2475	20,000	22.6"	A,Ⓔ,1,3,4,5
			522141	FB32/741/EW	10 / 10	4100K	75	2750 / 2475	20,000	22.6"	A,Ⓔ,1,3,4,5
			522230	FB32/830/EW	10 / 10	3000K	82	2850 / 2680	20,000	22.6"	Ⓔ,1,3,4,5
			522235	FB32/835/EW	10 / 10	3500K	82	2850 / 2680	20,000	22.6"	Ⓔ,1,3,4,5
			522241	FB32/841/EW	10 / 10	4100K	82	2850 / 2680	20,000	22.6"	Ⓔ,1,3,4,5
34	T12	MED BI-PIN	▲ 503016	FB34WW/6SS	12 / 12	3000K	49	2400 / 2050	18,000	22.6"	M,Ⓔ,1,2
			▲ 503116	FB34CW/6SS	12 / 12	4100K	59	2400 / 2050	18,000	22.6"	M,Ⓔ,1,2
			▲ 503106	FB34CW/6/SYL	12 / 12	4200K	62	2600 / 2236	18,000	22.6"	M,Ⓔ,1,2
35	T12	MED BI-PIN	▲ 503013	FB34WW/3SS	12 / 12	3000K	52	2300 / 2100	18,000	22.6"	M,Ⓔ,1,2
			▲ 503113	FB34CW/3SS	12 / 12	4100K	60	2200 / 2050	18,000	22.6"	M,Ⓔ,1,2

The Ⓔ means this bulb meets Federal minimum efficiency standards.

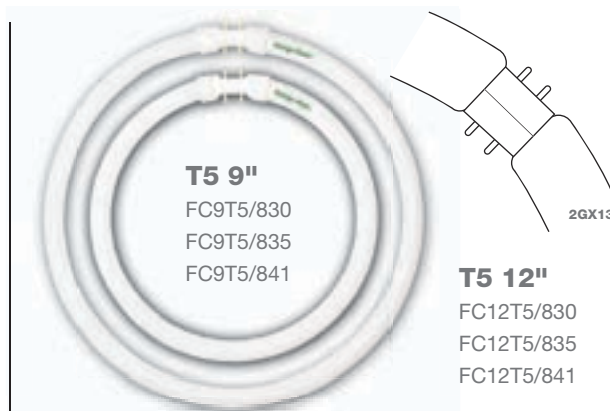
Average Rated Life is based on 3 hour cycles.

Energy Wiser® Circline T5, T9 FC6, FC8, FC9, FC12, FC16

- High performance tri-phosphor used in T5 lamps for maximum brightness and color rendering
- Available in a wide variety of sizes and wattages
- Ideal for ceiling fixtures and commercial/industrial applications



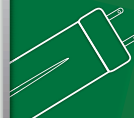
See pg 177



For T9 Circline with E26 base 3-way adapter, see pg 115.

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Temp.	CRI	Initial/Mean Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
20	T9	G10q	502106	FC6T9CW	12 / 12	4100K	61	810 / 750	10,000	6"	1,4,5
22	T9	G10q	502108	FC8T9CW	12 / 12	4100K	61	1150 / 1050	10,000	8"	1,4,5
			502008	FC8T9WW	12 / 12	3000K	61	1150 / 1050	10,000	8"	1,4,5
	T5	2GX13	520091	FC9T5/830	10 / 30	3000K	83	1900 / 1800	10,000	9"	1,3,4,5
			520092	FC9T5/835	10 / 30	3500K	83	1900 / 1800	10,000	9"	1,3,4,5
			520093	FC9T5/841	10 / 30	4100K	83	1900 / 1800	10,000	9"	1,3,4,5
30	T9	G10q	502009	FCL-30LEX	12 / 12	3000K	82	1800 / 1700	10,000	9"	1,4,5
32	T9	G10q	502112	FC12T9CW	12 / 12	4100K	61	2100 / 2000	10,000	12"	1,4,5
40	T9	G10q	502116	FC16T9CW	12 / 12	4100K	61	2900 / 2700	10,000	16"	1,4,5
	T5	2GX13	520121	FC12T5/830	10 / 30	3000K	83	3350 / 3150	10,000	12"	1,3,4,5
			520122	FC12T5/835	10 / 30	3500K	83	3350 / 3150	10,000	12"	1,3,4,5
			520123	FC12T5/841	10 / 30	4100K	83	3350 / 3150	10,000	12"	1,3,4,5

Average Rated Life is based on 3 hour cycles.



Energy Wiser® Specialty Fluorescents T5, T12

Black Light Blue, Germicidal, Plant Growth



see pg 177

- Black Light Blue - used when a glowing effect is desired from clothing and objects. Contains a filter in the glass to eliminate visible light, emitting only UV light
- Germicidal – used in sterilization, water and air purification
- Plant Growth & Aquarium - delivers the light plants need for food production and growth while encouraging normal activity and proper feeding of tropical fish
- Ideal for commercial/industrial applications, amusement and signage/displays

**Black Light Blue (6", 9", 12")**

F4T5BLB

F6T5BLB

F8T5BLB

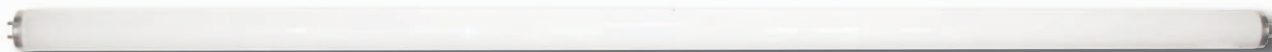
**Germicidal (12")**

FG8T5

Plant Growth & Aquarium**24"**

F20/GR/AQ

F20WS/GR/AQ

**48"**

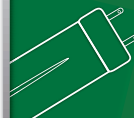
F40/GR/AQ

F40WS/GR/AQ

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Color Desc.	CRI	Lumens	Average Rated Life	M.O.L. (Pin to Pin)	Notes pg. 138
4	T5	MINI BI-PIN	501304	F4T5BLB	25 / 200	Black Light Blue	-	-	7000	5.91"	D,1,5,12
6	T5	MINI BI-PIN	501306	F6T5BLB	25 / 200	Black Light Blue	-	-	7000	8.91"	D,1,5,12
8	T5	MINI BI-PIN	501308	F8T5BLB	25 / 200	Black Light Blue	-	-	7000	11.91"	D,1,5,12
			501508	FG8T5	25 / 200	Germicidal	-	-	5000	11.91"	D,1,5,11
20	T12	MED BI-PIN	518020	F20/GR/AQ	6 / 6	-	-	480	9000	23.78"	M,1
			518021	F20WS/GR/AQ	6 / 6	3400K	89	750	9000	23.78"	M,1
40	T12	MED BI-PIN	518040	F40/GR/AQ	6 / 6	-	-	1200	20,000	47.78"	M,1
			518041	F40WS/GR/AQ	6 / 6	3400K	89	1875	20,000	47.78"	M,1

Average Rated Life is based on 3 hour cycles.

Bulbrite Item #	Bulbrite Ordering Code	Sylvania Product #	Sylvania Code	Philips Product #	Philips Code	GE Product #	GE Code
T5, T8 Miniature							
501004	F4T5WW			39218-3	F4T5/SOFT WHITE	29089	F4T5/WW/CD
501104	F4T5CW	20416	F4T5/CW	33236-1	F4T5/CW	10004	F4T5/CW
501006	F6T5WW	20617	F6T5WW	39219-1	F6T5/SOFT WHITE		
501106	F6T5CW	20616	F6T5/CW	33241-1	F6T5/CW	10032	F6T5/CW
501008	F8T5WW	20817	F8T5/WW	20702-7	F8T5/30U	10064	F8T5/WW
501108	F8T5CW	20816	F8T5/CW	33247-8	F8T5/CW	10059	F8T5/CW
501013	F13T5WW	21317	F13T5/WW	20703-5	F13T5/30U	10089	F13T5/WW
501113	F13T5CW	21316	F13T5/CW	33253-6	F13T5/CW	10086	F13T5/CW
501015	F15T8WW	21701	F15T8/WW	39212-6	F15T8/SOFT WHITE	10147	F15T8/WW
501115	F15T8CW	21616	F15T8/CW	40719-7	F15T8/CW	10142	F15T8/CW
T2 Subminiature							
517260	FM6T2/830	26204	FM6/830				
517262	FM6T2/841	26213	FM6/841				
517280	FM8T2/830	26237	FM8/830				
517282	FM8T2/841	26232	FM8/841				
517210	FM11T2/830	26239	FM11/830				
517211	FM11T2/835	26235	FM11/835				
517212	FM11T2/841	26231	FM11/841				
517230	FM13T2/830	26253	FM13/830				
517231	FM13T2/835	26291	FM13/835				
517232	FM13T2/841	26230	FM13/841				
High Performance T5							
519140	F14T5/830	20907	FP14/830/ECO	23077-1	F14T5/830/ALTO	31590	F14W/T5/830/ECO
519141	F14T5/835	20908	FP14/835/ECO	23079-7	F14T5/835/ALTO	46671	F14W/T5/835/ECO
519142	F14T5/841	20914	FP14/841/ECO	23080-5	F14T5/841/ALTO	46673	F14W/T5/841/ECO
519143	F14T5/865	20988	FP14/865/ECO			46676	F14W/T5/865/ECO
519210	F21T5/830	20919	FP21/830/ECO	23081-3	F21T5/830/ALTO	46677	F21W/T5/830/ECO
519211	F21T5/835	20921	FP21/835/ECO	23082-1	F21T5/835/ALTO	46684	F21W/T5/835/ECO
519212	F21T5/841	20924	FP21/841/ECO	23083-9	F21T5/841/ALTO	46687	F21W/T5/841/ECO
519213	F21T5/865					46689	F21W/T5/865/ECO
519241	F24T5/835/HO	20929	FP24/835/HO/ECO	29020-5	F24T5/835/HO/ALTO	46700	F24W/T5/835/ECO
519242	F24T5/841/HO	20931	FP24/841/HO/ECO	29021-3	F24T5/841/HO/ALTO	46701	F24W/T5/841/ECO
519280	F28T5/830	20868	FP28/830/ECO	23084-7	F28T5/830/ALTO	46704	F28W/T5/830/ECO
519281	F28T5/835	20901	FP28/835/ECO	23085-4	F28T5/835/ALTO	46705	F28W/T5/835/ECO
519282	F28T5/841	20902	FP28/841/ECO	23086-2	F28T5/841/ALTO	46706	F28W/T5/841/ECO
519283	F28T5/865	20990	FP28/865/ECO			46708	F28W/T5/865/ECO
519351	F35T5/830	20925	FP35/830/ECO	23088-8	F35T5/830/ALTO	46724	F35W/T5/830/ECO
519352	F35T5/841	20927	FP35/841/ECO	23095-3	F35T5/841/ALTO	46735	F35W/T5/841/ECO
519353	F35T5/865					46743	F35W/T5/865/ECO
519390	F39T5/830/HO	20932	FP39/830/HO/ECO	29022-1	F39T5/830/HO/ALTO	46744	F39W/T5/830/ECO
519391	F39T5/835/HO	20933	FP39/835/HO/ECO	29023-9	F39T5/835/HO/ALTO	46745	F39W/T5/835/ECO
519392	F39T5/841/HO	20934	FP39/841/HO/ECO	29025-4	F39T5/841/HO/ALTO	46746	F39W/T5/841/ECO
519540	F54T5/830/HO	20903	FP54/830/HO/ECO	29026-2	F54T5/830/HO/ALTO	46759	F54W/T5/830/ECO
519541	F54T5/835/HO	20904	FP54/835/HO/ECO	29028-8	F54T5/835/HO/ALTO	46760	F54W/T5/835/ECO
519542	F54T5/841/HO	20906	FP54/841/HO/ECO	29083-3	F54T5/841/HO/ALTO	46761	F54W/T5/841/ECO
519543	F54T5/850/HO	20949	FP54/850/HO/ECO	13510-3	F54T5/850/HO/ALTO	46762	F54W/T5/850/ECO
Specialty Fluorescents							
501304	F4T5BLB					10019	F4T5/BLB
501308	F8T5BLB			15756-0	F8T5/BLB UPC	10077	F8T5/BLB
501508	FG8T5					11077	G8T5



cross reference guide

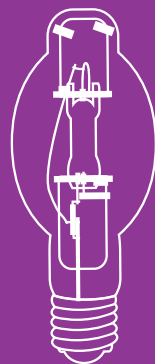
Bulbrite Item #	Bulbrite Ordering Code	Sylvania Product #	Sylvania Code	Philips Product #	Philips Code	GE Product #	GE Code
T8 700 & 800 Series							
528517	F17T8/830/EW	22135	F017/830/ECO	14552-4	F17T8/TL830/PLUS/ALTO	45742	F17T8/SPX30/ECO
528617	F17T8/835/EW	22136	F017/835/ECO	36791-2	F17T8/TL835/ALTO	45747	F17T8/SPX35/ECO
528717	F17T8/841/EW	22137	F017/841/ECO	36793-8	F17T8/TL841/ALTO	45749	F17T8/SPX41/ECO
528817	F17T8/850/EW	22193	F017/850/XP/ECO	14123-4	F17T8/TL850/ALTO	10415	F17T8/XL/SPX50/ECO
528917	F17T8/865/EW	21718	F017/865/XP/ECO	38215-0	F17T8/TL865/PLUS/ALTO	16092	F17T8/XL/SPX65/ECO
528525	F25T8/830/EW	22138	F025/830/ECO	14556-5	F25T8/TL830/PLUS/ALTO	75753	F25T8/SPX30/ECO
528625	F25T8/835/EW	22139	F025/835/ECO	36814-2	F25T8/TL835/ALTO	75755	F25T8/SPX35/ECO
528725	F25T8/841/EW	22140	F025/841/ECO	36825-8	F25T8/TL841/ALTO	45757	F25T8/SPX41/ECO
528825	F25T8/850/EW	22194	F025/850/XP/ECO	14124-2	F25T8/TL850/ALTO	10416	F25T8/XL/SPX50/ECO
528032	F32T8/730/EW	21997	F032/730/ECO	27252-6	F32T8/TL730/ALTO	26666	F32T8/SP30/ECO
528132	F32T8/735/EW	21998	F032/735/ECO	27249-2	F32T8/TL735/ALTO	26667	F32T8/SP35/ECO
528232	F32T8/741/EW	21999	F032/741/ECO	27248-4	F32T8/TL741/ALTO	26668	F32T8/SP41/ECO
528332	F32T8/750/EW	22141	F032/750/ECO	27268-2	F32T8/TL750/ALTO	16090	F32T8/SP50/ECO
528532	F32T8/830/EW	21777	F032/830/ECO	24667-8	F32T8/TL830/ALTO	25611	F32T8/SPX30/ECO
528632	F32T8/835/EW	21779	F032/835/ECO	24670-2	F32T8/TL835/ALTO	25612	F32T8/SPX35/ECO
528732	F32T8/841/EW	21781	F032/841/ECO	24671-0	F32T8/TL841/ALTO	25613	F32T8/SPX41/ECO
528832	F32T8/850/EW	22143	F032/850/ECO	27229-4	F32T8/TL850/ALTO	42064	F32T8/SPX50/ECO
528932	F32T8/865/EW	21720	F032/865/XP/ECO	38261-4	F32T8/TL865/PLUS/ALTO	16089	F32T8/XL/SPX65/ECO
High Performance T8							
528128	F28T8/835/EW	22178	F028/835/XP/SS/ECO	14733-0	F32T8/ADV830/EW/ALTO 28 WATT	72864	F28T8/XL/SPX35/ECO
528228	F28T8/841/EW	22179	F028/835/XP/SS/ECO	14734-8	F32T8/ADV835/EW/ALTO 28 WATT	72866	F28T8/XL/SPX41/ECO
529632	F32T8/835/HL	21697	F032/835/XPS/ECO	13988-1	F32T8/ADV835/ALTO	10326	F32T8/XL/SPX35/HL/ECO
529732	F32T8/841/HL	21681	F032/841/XPS/ECO	13989-9	F32T8/ADV841/ALTO	10322	F32T8/XL/SPX41/HL/ECO
529832	F32T8/850/HL	21660	F032/850/XPS/ECO	13990-7	F32T8/ADV850/ALTO	42556	F32T8/XL/SPX50/HL/ECO
T12							
501215	F15T12CW	21532	F15T12/CW			10116	F14T12/CW
501016	F15T12WW	21542	F15T12/WW	14146-5	F15T12/SOFTWHITE	10185	F15T12/WW
501216	F15T12D	21534	F15T12/D				
T8 U-Tubes							
522030	FB31/830/EW	21877	FB031/830	22671-2	FB31T8/TL830/ALTO	41776	F31T8/SPX30/U
522035	FB31/835/EW	21878	FB031/835	22672-0	FB31T8/TL835/ALTO	41777	F31T8/SPX35/U
522041	FB31/841/EW	21879	FB031/841	22674-6	FB31T8/TL841/ALTO	41778	F31T8/SPX41/U
522135	FB32/735/EW	22051	FB032/735/6/ECO	37893-5	FB32T8/TL735/6/ALTO	23585	F32T8/SP35/U/6
522141	FB32/741/EW	22052	FB032/741/6/ECO	37894-3	FB32T8/TL741/6/ALTO	10480	F32T8/SP41/U/6
522230	FB32/830/EW	21663	FB032/830/6/ECO	37897-6	FB32T8/TL830/6/ALTO	10483	F32T8/SPX30/U/6
522235	FB32/835/EW	21670	FB032/835/6/ECO	37900-8	FB32T8/TL835/6/ALTO	10485	F32T8/SPX35/U/6
522241	FB32/841/EW	21671	FB032/841/6/ECO	37902-4	FB32T8/TL841/6/ALTO	10488	F32T8/SPX41/U/6
T5 & T9 Circline							
502106	FC6T9CW	20156	FC6T9/CW/RS	24982-1	FC6T9/COOL WHITE PLUS	42732	FC6T9/CW
502108	FC8T9CW	20148	FC8T9/CW/RS	39116-9	FC8T9/COOL WHITE PLUS	33774	FC8T9/CW
502008	FC8T9WW	20088	FC8T9/WW/RS	39222-5	FC8T9/SOFT WHITE	11084	FC8T9/KB
520091	FC9T5/830	20702	FPC22/830	16601-7	TL5C 22W/830		
520092	FC9T5/835	20712	FPC22/835	14856-9	TL5C 22W/835		
520093	FC9T5/841	20715	FPC22/841	16600-9	TL5C 22W/840		
502009	FCL-30LEX	20215	FC9T9/DSW/RP/1/6				
502112	FC12T9CW	20142	FC12T9/CW/RS	39117-7	FC12T9/COOL WHITE PLUS	33890	FC12T9/CW
502116	FC16T9CW	20059	FC16T9/CW/RS	39118-5	FC16T9/COOL WHITE PLUS	33893	FC16T9/CW
520121	FC12T5/830	20731	FPC40/830	16596-8	TL5C 40W/830		
520122	FC12T5/835	20732	FPC40/835	14859-3	TL5C 40W/835		
520123	FC12T5/841	20733	FPC40/841	16598-4	TL5C 40W/840		

Fluorescent Footnotes

M	Major Brand
A	Available in Major Brand, see pg 160-161
D	Discontinued Item - Limited Quantity Available
(E)	Bulb meets Federal minimum efficiency standards

- 1** Fluorescent lamps contain mercury. For more information on clean up and safe disposal of fluorescent lamps visit: epa.gov/cfl. For Bulbrite's recycling program, see pg 177.
- 2** Due to DOE regulations, as described in the 2009 General Service Fluorescent Lamp Update of the Energy Independence and Security Act of 2007, these lamps will no longer be manufactured as of July 14th, 2012.
- 3** This lamp is TCLP Compliant. TCLP, or Toxicity Characteristic Leaching Procedure, classifies waste as hazardous or non-hazardous in most states for the purpose of disposal.
- 4** This lamp is RoHS Compliant. RoHS is the restriction on the use of certain hazardous substances in electrical and electronic equipment. RoHS restricts the use of mercury, lead, hexavalent chromium, cadmium and a range of flame retardants, notably polybrominated biphenyls and polybrominated diphenyl ethers. There are a number of exemptions for the use of the hazardous substances for specific technical uses where alternatives do not presently exist. There are also permissible maximum concentration values which allow for any trace presence.
- 5** CE approval indicates that this product is compliant with EU legislation and enables free movement of this product within the European market. This mark certifies that the product complies with all relevant essential requirements in regard to safety, health and environmental protection requirements.
- 6** Reduced wattage 28W T8 lamps are compatible with a 32W ballast.
- 7** High Lumen fluorescent T8s will produce about 10% higher light output and experience a 20% increase in lamp life than a standard T8 when used on the same lamp and ballast system. When used on an industry standard low power ballast (0.77 ballast factor), High Lumen fluorescent T8 lamps will produce similar light output to a standard T8 lamp and ballast system and have an average of 12% energy savings. For full light output potential, it is recommended to use this lamp with a high power factor ballast.
- 8** T5 High Output (HO) lamps are intended for use on a high power factor ballast that meets ANSI standards. Not intended for use on low power factor ballasts or reduced current/reduced light output ballasts.
- 9** T12 High Output (HO) lamps are intended for use on a high power factor ballast that meets ANSI standards. Not intended for use on low power factor ballasts or reduced current/reduced light output ballasts.
- 10** T12 High Output (HOO) lamps are ideal for low temperature applications. This lamp will start at - 20°F and through the use of argon gas, will not shiver at temperatures below 60°F. This lamp meets the National Energy Policy Act (EPACT) exemption for cold temperature application only. This lamp is not intended for use on low power factor ballasts or reduced current/reduced light output ballasts.
- 11** WARNING: To prevent possible serious injury, eyes and skin should not be exposed to direct or reflected ultraviolet power emitted by this lamp. This lamp is in RISK GROUP 3 as noted in ANSI-IESNA RP-27.3.96. Adequate protection should be provided by clothing, gloves, opaque materials, and ordinary window glass. Although this lamp will operate in standard fluorescent fixtures, it should not be used for general lighting applications.
- 12** CAUTION: This lamp emits ultraviolet (UV) power during operation and is in RISK GROUP 1 per ANSI/IESNA RP-27.3-96. Exposure at less than 0.3 meters (12 inches) should be limited; for example, exposure at 0.2m (8 inches) should not exceed 4 hours in an 8 hour interval (see ANSI/IESNA RP-27.1-96). Certain medications and chemicals can increase an individual's sensitivity. Consult your physician for specific information. Protective eye wear should be worn in occupational situations involving long term exposure in close proximity to the lamp. This lamp is not intended and should not be used for diagnostic, therapeutic or cosmetic purposes.

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **HID**

BULBRITE®



Metal Halide Pulse Start - Open Fixtures

Integrated Ballast PAR30 Long Neck, PAR38

- For use in open fixtures
- Universal burn position
- Pulse start technology produces faster startup and maintains lumen output resulting in longer life
- Integrated electronic ballast makes these lamps a direct replacement for halogen PAR lamps without changing fixtures
- Ideal for track and display lighting in retail and commercial settings such as offices, grocery stores and shopping centers



see pg 177



PAR30 Long Neck Integrated Ballast

MH24PAR30SP/SB
MH24PAR30NFL/SB
MH24PAR30MFL/SB
MH24PAR30FL/SB

PAR38 Integrated Ballast

MH24PAR38SP/SB
MH24PAR38WSP/SB
MH24PAR38NFL/SB
MH24PAR38FL/SB

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	Notes pg. 148
24	PAR30LN	E26	666424	MH24PAR30SP/SB	1 / 6	Spot 10°	2800K	82	1220	12,000	4 5/8"	M,U,1,2,5
			666524	MH24PAR30NFL/SB	1 / 6	N. Flood 25°	2800K	82	1220	12,000	4 5/8"	M,U,1,2,5
			666624	MH24PAR30MFL/SB	1 / 6	Flood 30°	2800K	82	1220	12,000	4 5/8"	M,U,1,2,5
			666724	MH24PAR30FL/SB	1 / 6	Flood 40°	2800K	82	1220	12,000	4 5/8"	M,U,1,2,5
	PAR38	E26	666024	MH24PAR38SP/SB	1 / 6	Spot 10°	3000K	82	1220	12,000	5 1/2"	M,U,1,2,5
			666124	MH24PAR38WSP/SB	1 / 6	W. Spot 15°	3000K	82	1220	12,000	5 1/2"	M,U,1,2,5
			666224	MH24PAR38NFL/SB	1 / 6	N. Flood 25°	3000K	82	1220	12,000	5 1/2"	M,U,1,2,5
			666324	MH24PAR38FL/SB	1 / 6	Flood 40°	3000K	82	1220	12,000	5 1/2"	M,U,1,2,5

Metal Halide Pulse Start - Open Fixtures

PAR20, PAR30 Long Neck, PAR38



see pg 177

- For use in open fixtures
- Universal burn position
- Pulse start technology produces faster startup and maintains lumen output resulting in longer life
- Ideal for track and display lighting in retail and commercial settings such as offices, grocery stores and shopping centers



PAR20

MH39PAR20SP
MH39PAR20FL

PAR30 Long Neck

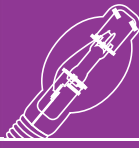
MH39PAR30SP
MH39PAR30FL
MH70PAR30SP
MH70PAR30FL

PAR38

MH70PAR/SP MH100PAR/WF
MH70PAR/FL MH150PAR/SP
MH70PAR/WF MH150PAR/FL
MH100PAR/SP MH150PAR/WF
MH100PAR/FL

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	Notes pg. 148
39	PAR20	E26	665035	MH39PAR20SP	1 / 12	Spot 10°	3000K	87	2000	12,000	3 3/4"	M,U,1,2
			665135	MH39PAR20FL	1 / 12	Flood 30°	3000K	87	2000	12,000	3 3/4"	M,U,1,2
	PAR30LN	E26	665039	MH39PAR30SP	1 / 6	Spot 10°	3000K	81	2200	9000	4 3/4"	M,U,1,2
			665139	MH39PAR30FL	1 / 6	Flood 30°	3000K	81	2200	9000	4 3/4"	M,U,1,2
70	PAR30LN	E26	665071	MH70PAR30SP	1 / 12	Spot 10°	3000K	85	3600	12,000	4 3/4"	M,U,1,2
			665171	MH70PAR30FL	1 / 6	Flood 40°	3000K	82	4400	9000	4 3/4"	M,U,1,2
	PAR38	E26	665070	MH70PAR/SP	1 / 12	Spot 15°	3000K	88	4300	12,000	5 7/16"	M,U,1,2
			665170	MH70PAR/FL	1 / 12	Flood 25°	3000K	88	4300	12,000	5 7/16"	M,U,1,2
			665270	MH70PAR/WF	1 / 12	V. Wide Flood 65°	3000K	88	4300	15,000	5 7/16"	M,U,1,2
100	PAR38	E26	665100	MH100PAR/SP	1 / 12	Spot 15°	3000K	88	6500	12,000	5 7/16"	M,U,1,2
			665101	MH100PAR/FL	1 / 12	Flood 25°	3000K	88	6500	15,000	5 7/16"	M,U,1,2
			665102	MH100PAR/WF	1 / 12	V. Wide Flood 65°	3000K	88	6500	15,000	5 7/16"	M,U,1,2
150	PAR38	E26	665150	MH150PAR/SP	1 / 6	Spot 15°	3000K	88	9100	12,000	5 7/16"	M,U,1,2
			665151	MH150PAR/FL	1 / 6	Flood 25°	3000K	88	9100	15,000	5 7/16"	M,U,1,2
			665152	MH150PAR/WF	1 / 6	V. Wide Flood 65°	3000K	88	9100	15,000	5 7/16"	M,U,1,2

BULBRITE®



HID





Metal Halide Pulse Start - Open & Enclosed Fixtures

ED17, ED23.5, BT28, BT37

- Various burn positions - for use in open and enclosed fixtures
- Pulse start technology produces faster startup and maintains lumen output resulting in longer life
- Ideal for flood lighting in industrial and commercial applications such as warehouses, parking lots and gymnasiums



see pg 177



ED17
Medium Base
Enclosed Fixtures
MH50/U/MED
MH70/U/MED
MH100/U/MED
MH150/U/MED

ED17
Medium Base
Open Fixtures
M70/U/MED/O
M100/U/MED/O
M150/U/MED/O

ED23.5
Mogul Base
Enclosed Fixtures
MH175/BU/PS/E

BT28
Mogul Base
Open & Enclosed Fixtures
MH250/BU/PS/E
MH250/BU/PS/O

BT37
Mogul Base
Open or Enclosed Fixtures
MH400/BU/PS/S

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours Vertical/Horizontal	M.O.L.	Notes pg. 148
50	ED17	E26	663050	MH50/U/MED	1 / 12	Clear	3900K	65	3400	10,000V/7500H	5 7/16"	U,1,3
70	ED17	E26	663070	MH70/U/MED	1 / 12	Clear	4000K	65	4500	10,000V/7500H	5 9/16"	U,1,3
			663071	M70/U/MED/O	1 / 12	Clear	4000K	65	5300	10,000V/7500H	5 3/4"	D,U,1,2
100	ED17	E26	663100	MH100/U/MED	1 / 12	Clear	4000K	65	7800	10,000V/7500H	5 7/8"	U,1,3
			663101	M100/U/MED/O	1 / 12	Clear	4000K	65	8000	10,000V/7500H	5 3/4"	D,U,1,2
150	ED17	E26	663150	MH150/U/MED	1 / 12	Clear	4000K	65	13,500	10,000V/7500H	5 7/8"	U,1,3
			663151	M150/U/MED/O	1 / 12	Clear	4000K	65	11,800	10,000V/7500H	5 3/4"	D,U,1,2
175	ED23.5	E39	663177	M175/BU/PS/E	1 / 12	Clear	4000K	75	17,500	15,000V	7 1/2"	M,V,1,3
250	BT28	E39	663253	M250/BU/PS/E	1 / 6	Clear	4200K	65	23,000	20,000V	8 3/8"	M,V,1,3
		EX39	663252	M250/BU/PS/O	1 / 6	Clear	4000K	65	22,500	15,000V	8 3/8"	M,V,1,2
400	BT37	E39	663402	M400/BU/PS/S	1 / 6	Clear	4000K	65	42,000	20,000V	11 1/2"	M,V,1,4



Metal Halide Non-Pulse Start - Open & Enclosed Fixtures

ED17, ED28, ED37, BT56



see pg 177

- Universal burn position
- For use in open and enclosed fixtures
- Ideal for retail and industrial applications such as warehouses, parking garages and roadways



ED17 Medium Base

MH175/U/MED

ED28 Mogul Base

MH175/U MH250/U
MH175/C/U MH250/C/U

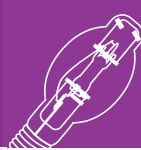
ED37 Mogul Base

MH400/U
MH400/C/U

BT56 Mogul Base

MH1000/U
MH1000/C/U

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours Vertical/Horizontal	M.O.L.	Notes pg. 148
175	ED17	E26	663174	MH175/U/MED	1 / 12	Clear	4000K	65	15,000	10,000V/7500H	5 3/8"	U,1,3
	ED28	E39	663175	MH175/U	1 / 12	Clear	4000K	65	14,000	10,000V/7500H	8 1/4"	U,1,3
			663176	MH175/C/U	1 / 12	Coated	3900K	70	12,900	10,000V/6000H	8 1/4"	M,U,S,1,3
250	ED28	E39	663255	MH250/U	1 / 6	Clear	4000K	65	22,000	10,000V/7500H	8 1/3"	U,1,3
			663251	MH250/C/U	1 / 12	Coated	3900K	70	19,800	10,000V/6000H	8 1/4"	M,U,S,1,3
400	ED37	E39	663405	MH400/U	1 / 6	Clear	4000K	65	40,000	20,000V/15,000H	11 1/2"	U,1,3
			663401	MH400/C/U	1 / 6	Coated	3700K	70	35,000	20,000V/15,000H	11 1/2"	M,U,S,1,4
1000	BT56	E39	663999	MH1000/U	1 / 6	Clear	4000K	65	108,000	15,000V/9000H	15 3/8"	M,U,1,3
			663998	MH1000/C/U	1 / 6	Coated	3700K	65	105,000	15,000V/11,000H	15 3/8"	M,U,S,1,4



HID





Ceramic Metal Halide Pulse Start - Enclosed Fixtures

Single Ended G12, Double Ended R7s

- For use in enclosed fixtures
- Universal burn position for G12 lamps
- G12 offers excellent color stability and lamp-to-lamp consistency over lifetime
- Pulse start technology produces faster startup and maintains lumen output resulting in longer life
- Ideal for low-ceiling down lights, retail display lighting, indoor accent lighting and other commercial applications



see pg 177



Single-Ended Ceramic T6 G12

MC39T6/830
MC70T6/830
MC150T6/830



Double-Ended Ceramic T7.5

MH150TD/NDL
MH150TD/WDL



Double-Ended Ceramic T6

MH70TD/942
MH70TD/830

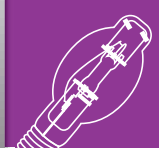
Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	Notes pg. 148
39	T6	G12	667039	MC39T6/830	1 / 12	Clear	3000K	82	3400	12,000	3 1/16"	M,U,1,3
70	T6	G12	667070	MC70T6/830	1 / 12	Clear	3000K	81	6600	12,000	3 1/16"	M,U,1,3
		R7S	664127	MH70TD/830	1 / 12	Clear	3000K	82	6500	15,000	4 1/16"	M,H,1,3
			664027	MH70TD/942	1 / 12	Clear	4200K	92	6000	15,000	4 1/16"	M,H,1,3
150	T6	G12	667150	MC150T6/830	1 / 12	Clear	3000K	85	14,000	12,000	4 3/8"	M,U,1,3
	T7.5	R7S	664015	MH150TD/NDL	1 / 12	Clear	4000K	65	12,000	5000	5 1/4"	D,H,1,3
			664115	MH150TD/WDL	1 / 12	Clear	3000K	65	12,000	5000	5 1/4"	D,H,1,3

High Pressure Sodium ED17, ED23.5, ED18, E25



See pg 177

- Universal burn position
- Ideal for commercial applications such as schools, office buildings, shopping centers and industrial facilities



HID



ED17 Medium Base

LU50/MED
LU70/MED
LU100/MED

ED17 Medium Base

LU150/MED

ED23.5 Mogul Base

LU50/MOG
LU100/MOG
LU150/MOG

ED18 Mogul Base

LU250/MOG
LU400/MOG

E25 Mogul Base

LU1000/MOG

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	Notes pg. 148
50	ED17	E26	661050	LU50/MED	1 / 12	Clear	2000K	22	3800	24,000	5 3/4"	U,1,3
	ED23.5	E39	661051	LU50/MOG	1 / 12	Clear	2000K	22	3800	24,000	7 1/8"	D,U,1,3
70	ED17	E26	661070	LU70/MED	1 / 12	Clear	2000K	22	6000	24,000	5 1/4"	U,1,3
100	ED17	E26	661100	LU100/MED	1 / 12	Clear	2000K	22	9500	24,000	5 9/16"	U,1,3
	ED23.5	E39	661101	LU100/MOG	1 / 12	Clear	2000K	22	9500	24,000	7"	U,1,3
150	ED17	E26	661150	LU150/MED	1 / 12	Clear	2000K	22	15,000	24,000	5 9/16"	U,1,3
	ED23.5	E39	661155	LU150/MOG	1 / 12	Clear	2100K	22	16,000	24,000	7 3/8"	U,1,3
250	ED18	E39	661250	LU250/MOG	1 / 12	Clear	2100K	22	29,000	24,000	9 11/16"	U,1,3
400	ED18	E39	661400	LU400/MOG	1 / 12	Clear	2000K	22	50,000	24,000	9 11/16"	U,1,3
1000	E25	E39	661999	LU1000/MOG	1 / 6	Clear	2100K	22	130,000	24,000	15 25/32"	M,U,1,3





Mercury Vapor

R40, E23, ED28, ED37

- Universal burn position
- 160W E23 (MV160SB) operates at line voltage (120V)
- Ideal for general area and flood lighting in commercial applications such as sports arenas, shopping centers and industrial facilities



see pg 177



R40
Medium Base
MV100R40/DX



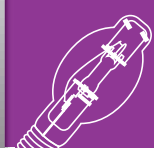
E23
Medium Base
MV160SB



ED28, ED37
Mogul Base
MV175/DX
MV250/DX
MV400/DX

Watts	Bulb Type	Base	Item #	Ordering Code	Inner/Master	Description	Color Temp.	CRI	Initial/Mean Lumens	Average Hours	M.O.L.	Notes pg. 148
100	R40	E26	662102	MV100R40/DX	1 / 12	Deluxe White	3900K	50	2450 / 2050	24,000	7"	M,U,1
160	E23	E26	662160	MV160SB	1 / 12	Deluxe White	3000K	50	3000 / 2200	6000	6 3/4"	D,U,1,3,6
175	ED28	E39	662175	MV175/DX	1 / 12	Deluxe White	4000K	43	8400 / 6800	24,000	8 1/4"	D,U,1,3
250	ED28	E39	662250	MV250/DX	1 / 12	Deluxe White	5700K	43	11,800 / 8400	24,000	8 1/4"	D,U,1,3
400	ED37	E39	662400	MV400/DX	1 / 6	Deluxe White	4000K	43	14,400 / -	24,000	11 3/16"	D,U,1,3

HID Cross Reference Guide



HID cross reference guide

Bulbrite Item #	Bulbrite Ordering Code	Sylvania Product #	Sylvania Code	Philips Product #	Philips Code	GE Product #	GE Code
Metal Halide G12 & Double Ended-Ceramic: Pulse Start, Enclosed Fixtures							
664015	MH150TD/NDL			37371-2	CDM150/TD/942	92590	CMH150TD942RX7S
664115	MH150TD/WDL	64794	MC150T7.5/DE/830PB	23167-0	CDM150/TD/830	92589	CMH150TD830RX7S
Metal Halide Medium Base: Pulse Start, Open and Enclosed Fixtures							
663050	MH50/U/MED			36023-0	MHC50/U/M/4K/ALTO	10361	MXR50/U/MED
663070	MH70/U/MED	64836	M70/U/MED	28129-5	MHC70/U/M/4K/ALTO	12590	MVR70/U/MED
663071	M70/U/MED/O	64547	MP70/U/MED	36057-8	MHC70/U/MP/4K/ALTO		
663100	MH100/U/MED	64818	M100/U/MED	28135-2	MHC100/U/M/4K/ALTO	12652	MVR100/U/MED
663101	M100/U/MED/O	64417	MP100/U/MED	36060-2	MHC100/U/MP/4K/ALTO		
663150	MH150/U/MED	64785	M150/U/MED	37720-0	MHC150/U/M/4K/ALTO	12598	MVR150/U/MED
663151	M150/U/MED/O	64402	MP150/U/MED	37724-2	MHC150/U/MP/4K/ALTO		
Metal Halide Medium & Mogul Base: Non-Pulse Start, Enclosed Fixtures							
663174	MH175/U/MED	64479	M175/U/MED	31358-5	MH175/U/M	18902	MVR175/U/MED
663175	MH175/U	64471	M175/U	28733-4	MH175/U	47760	MVR175/U
663255	MH250/U	64457	M250/U	27484-5	MH250/U	42729	MVR250/U
663405	MH400/U	64490	M400/U	27449-8	MH400/U	43828	MVR400/U
High Pressure Sodium: Medium and Mogul Base							
661035	LU35/MED	67500	LU35/MED	40979-7	C35S76/M	11668	LU35/MED/ECO
661050	LU50/MED	67502	LU50/MED	40980-5	C50S68/M	11345	LU50/MED/ECO
661051	LU50/MOG	67510	LU50/ECO	36867-0	C50S68/ALTO	44975	LU50/H/ECO
661070	LU70/MED	67504	LU70/MED	33192-6	C70S62/M	11339	LU70/MED/ECO
661071	LU70/MOG	67512	LU70/ECO	36869-6	C70S62/ALTO	85368	LU70/H/ECO
661100	LU100/MED	67506	LU100/MED	34446-5	C100S54/M	13250	LU100/MED/ECO
661101	LU100/MOG	67514	LU100/ECO	36872-0	C100S54/ALTO	85369	LU100/H/ECO
661150	LU150/MED	67508	LU150/55/MED	30347-9	C150S55/M	13252	LU150/MED/ECO
661155	LU150/MOG	67516	LU150/55/ECO	36874-6	C150S55/ALTO	85371	LU150/55/H/ECO
661250	LU250/MOG	67578	LU250/ECO	36879-5	C250S50/ALTO	85377	LU250/H/ECO
661400	LU400/MOG	67533	LU400/ECO	36881-1	C400S51/ALTO	85379	LU400/H/ECO
Mercury Vapor: Medium and Mogul Base							
662100	MV100/DX/M	69403	H38AV-100/DX			17113	HR100DX38/MED
662101	MV100/DX	69408	H38JA-100/DX	33713-9	H38JA-100/DX	22575	HR100DX38
662160	MV160SB					45178	HSB160/M
662175	MV175/DX	69445	H39KC-175/DX	24805-4	H39KC-175/DX	24062	HR175DX39
662250	MV250/DX	69448	H37KC-250/DX	24814-6	H37KC-250/DX	32127	HR250DX37
662400	MV400/DX	69450	H33GL-400/DX	24842-7	H33GL-400/DX	23998	HR400DX33

IMPORTANT NOTE:

All HID lamps and ballasts are identified by standardized codes developed by the American National Standards Institute (ANSI). These ANSI codes allow users to properly match lamps, regardless of manufacturer, to the appropriate ballast. Please use the charts below to identify the proper ANSI code when making your lamp and ballast selections to ensure safe operation and optimum performance.

Metal Halide Lamps Ballast Info	
Lamp	ANSI Code
50W	M110/E
70W Double Ended	M85
70W	M98
100W	M90
150W Double Ended	M81
150W	M101/M102
175W	M57/M137/M152
250W	M58/M138/M153
400W	M59/M135/M155
1000W	M47

High Pressure Sodium Lamps Ballast Info	
Lamp	ANSI Code
35W	S76
50W	S68
70W	S62
100W	S54
150W (55 Volt)	S55
250W	S50
400W	S51

Mercury Vapor Lamps Ballast Info	
Lamp	ANSI Code
100W	H38
160W	B87
175W	H39
250W	H37
400W	H33



HID Footnotes

M	Major Brand
D	Discontinued Item - Limited Quantity Available
S	Special Order
U	Universal Operating Position
H	Horizontal Operating Position $\pm 15^\circ$
V	Vertical Operating Position $\pm 15^\circ$

1 High Intensity Discharge lamps contain mercury. For more information on clean up and safe disposal of HID lamps, visit: epa.gov/cfl. For Bulbrite's recycling program, see pg 177.

2 This lamp can be used in open fixtures.

3 This lamp is ONLY for use in suitably enclosed fixtures. "Enclosed" fixture, as fully defined by UL Standard 1598, is a properly enclosed fixture designed to contain fragments of hot glass (up to 1100°C). Contact the fixture manufacturer for more details.

4 This lamp can be used in an open fixture when operated in a vertical $\pm 15^\circ$ position. When operating in all other burning positions, lamp must be used in an enclosed fixture.

5 This is a self-ballasted lamp. This product has an integrated ballast and does not require an external ballast for operation.

6 This lamp is designed to operate at 120V.

WARNINGS*

Metal Halide lamps should not be used in standard incandescent sockets. Unexpected rupture is possible with these lamps. To minimize risk, lamps operated 24/7 should be turned off for a minimum of 15 minutes per week. Lamps must be used in fixtures which can tolerate rupture (See UL 1598 Standards). Avoid using these lamps in environments and fixtures where they may come into direct contact with rain, sleet or snow to prevent breakage due to thermal shock. If lamp breaks or fails, turn off power immediately and allow lamp to cool before touching to avoid potential electrical shock and burns during lamp replacement. Lamps may take approximately 2-5 minutes to reach full brightness.

High Pressure Sodium (HPS) lamps should only be operated in equipment that meets ANSI electrical specifications and in fixtures designed to operate with HPS lamps. Lamps burned in a position which redirects heat toward the arc tube may experience early failure. If lamp breaks, turn off power immediately and allow lamp to cool before touching to avoid potential electrical shock and burns during lamp replacement. The arc tube contains both sodium and mercury; avoid direct contact with the skin when installing or removing lamp. Lamps must be disposed of in accordance with federal, state and local requirements. Lamps may take approximately 3-4 minutes to reach full brightness.

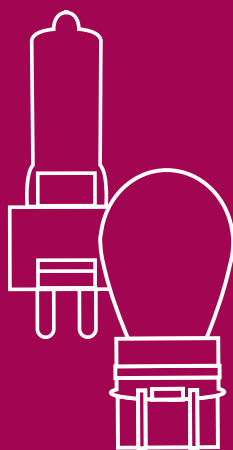
Mercury Vapor lamps should only be used in suitable fixtures. Avoid using these lamps in environments and fixtures where they may come into direct contact with rain, sleet or snow to prevent breakage due to thermal shock. If lamp breaks or fails, turn off power immediately and allow lamp to cool before touching to avoid potential electrical shock and burns during lamp replacement. Do not keep broken lamps in sockets as ultraviolet radiation will cause serious injury to eyes and skin. Lamps may take approximately 5-7 minutes to reach full brightness.

In accordance with Federal Regulations (21 CFR 1040.30) the following notice applies to select lamps in the HID section of this catalog:

R Warning: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

** Not responsible for personal injury, damage, or poor performance as a result of improper use and negligence of the above warnings.*

All data in this catalog is subject to change without notice.
See Bulbrite.com for most current product specifications.



Brighter
Moments
with **AV-SSTV/
Miniatures**



BULBRITE®



FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6



FIG. 7



FIG. 8



FIG. 9



FIG. 10



FIG. 11



FIG. 12



FIG. 13



FIG. 14

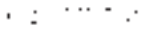


FIG. 15



FIG. 16



FIG. 17



FIG. 18



FIG. 19



FIG. 20



FIG. 21



FIG. 22



FIG. 23



FIG. 24



FIG. 25



FIG. 26



FIG. 27



FIG. 28



FIG. 29



FIG. 30



FIG. 31



FIG. 32



FIG. 33



FIG. 34



FIG. 35

FIG. 36

FIG. 37

FIG. 38



Item #	Ordering Code	Volts	Watts	Bulb Type	Base	Min. Qty.	Fig. pg.150	Item #	Ordering Code	Volts	Watts	Bulb Type	Base	Min. Qty.	Fig. pg.150
761010	BFK/BFL	120	750	T20	P28s	10	1	762225	EHM	120	300	T3	R7s	10	4
761015	BRH	120	1000	T5	R7s	10	2	762230	EHP	120	300	T4	R7s	10	15
761020	BRL	12	50	T3½	G6.35	10	3	762235	EHR	120	400	T4	R7s	10	15
762010	BTL	120	500	T6	P28s	12	5	762240	EHT	120	250	T4	E11	10	24
762020	BTN	120	750	T7	P28s	12	5	762245	EHZ	120	300	T3	R7s	10	4
762025	BTP	120	750	T7	P28s	10	5	762250	EJG	120	750	T3	R7s	10	25
762030	BTR	120	1000	T7	P28s	12	5	761080	ELC	24	250	MR16	GX5.3	10	8
762035	BVT	120	1000	T7	P40s	6	6	761085	ELH	120	300	MR16	GY5.3	10	26
762060	CYX	120	2000	T9½	G38	6	7	762255	EMD	120	750	T3	R7s	10	25
761028	DDL	20	150	MR16	GX5.3	12	8	761090	ENG	120	300	MR16	GY5.3	10	26
762065	DGH	120	750	T12	P28s	6	9	761095	ENH	120	250	MR16	GY5.3	10	26
762075	DMX	120	500	T20	P28s	10	10	761097	ENX	82	360	MR16	GY5.3	10	26
762090	DRA	120	300	T4	G6.35	10	12	761170	ESA/FHD	6	10	T2¾	G4	10	38
761030	DRB/DRC	120	1000	T20	P28s	10	11	761175	ESB/FHE	6	20	T2¾	G4	10	38
762095	DRS	120	1000	T20	P28s	10	11	761100	ESY	120	150	T4	G6.35	10	27
762105	DTJ	120	1500	T20	P40s	10	13	761105	EVA	12	100	T3½	GY6.35	10	28
761035	DVY	120	650	G6	G5.3	10	14	761110	EVC/FGX	24	250	T4	G6.35	10	23
762125	DWY/FAB	120	650	T4	R7s	12	15	761115	EVD	36	400	T6	G6.35	10	23
762130	DWZ	30	375	T4	R7s	12	15	761130	EXW	82	300	MR13	GX5.3	10	29
762140	DXW	120	1000	T5	R7s	12	15	761135	EXX	120	250	MR16	GY5.3	10	26
762145	DXX/240	240	800	T4	R7s	12	15	761140	EYB	82	360	T3½	G5.3	10	30
761040	DYG	30	250	G6	GZ9.5	10	16	762270	EYH/FKT	120	250	G6	G5.3	10	14
762155	DYH	120	600	G7	G5.3	10	14	762280	EYX	120	500	T4	E11	10	31
761050	DYS/DY/BHC	120	600	G7	GZ9.5	10	17	762290	FCB	120	600	T4	R7s	10	15
761060	DZB	12	100	T3	G5.3	10	18	762295	FCL	120	500	T3	R7s	10	4
761160	DZE/FDS	24	150	T4	GY9.5	10	32	762300	FCM	120	1000	T3	R7s	10	25
761065	EFP	12	100	MR16	GZ6.35	10	19	761150	FCR	12	100	T3½	GY6.35	10	28
761070	EFR	15	150	MR16	GZ6.35	10	19	761155	FCS	24	150	T4	G6.35	10	23
762170	EGE	120	500	T4½	P28s	12	20	761165	FDT	12	100	T3½	GZ9.5	10	32
762175	EGF	120	750	T5	P28s	10	20	762305	FEL	120	1000	T6	G9.5	10	22
762180	EGG	120	750	T5	P28s	12	20	762310	FER	120	1000	T6	R7s	10	15
762185	EGJ	120	1000	T6	P28s	12	20	762315	FEV	120	200	T4	BA15d	10	33
762195	EGN	120	500	T6	G22	12	21	762325	FHM	120	1000	T3	R7s	10	25
762200	EGR	120	750	T7	G22	12	21	761180	FHS	82	300	MR13	GX5.3	10	29
762205	EGT	120	1000	T7	G22	12	21	762330	FKW	120	300	T6	GY9.5	10	36
762210	EHD	120	500	T5	G9.5	12	22	762335	FLK	120	575	T6	G9.5	10	35
762215	EHF	120	750	T5	G9.5	12	22	762365	FRK	120	650	T7	GY9.5	10	34
762220	EHG	120	750	T5	G9.5	12	22	762375	GCA	120	250	T3½	G5.3	10	36
761075	EHJ	24	250	T4	G6.35	10	23	762390	GDA	120	500	T4	R7s	10	37

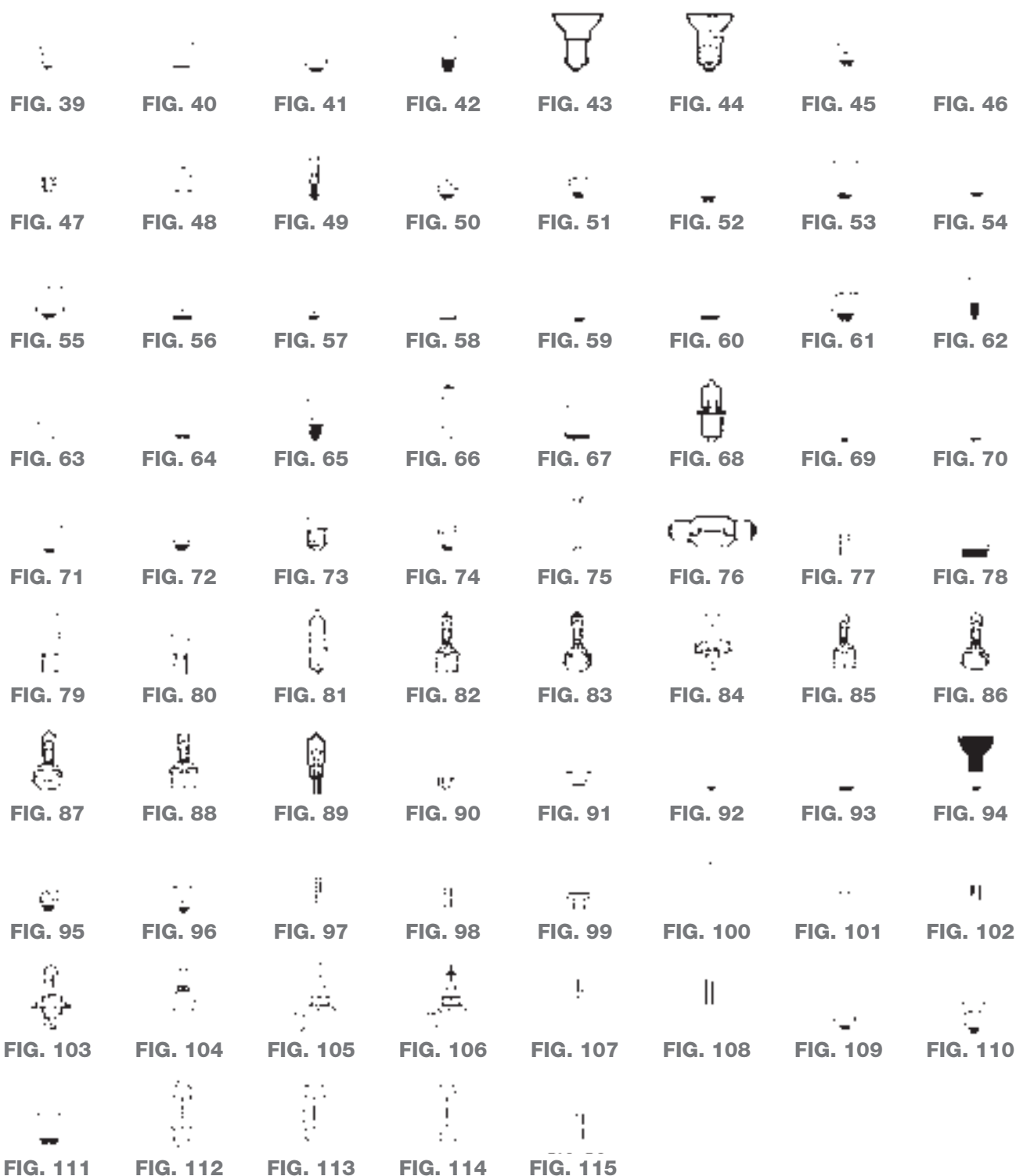
All products are special order only and subject to a special order fee, minimum order quantities and are non-returnable.

NOTE: VOLTS x AMPS = WATTS



Miniature

miniature





For LED minatures, see Bulbrite's LED catalog.

Item #	Ordering Code	Volts	Watts/Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152	Item #	Ordering Code	Volts	Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152
750301	3S6/5/120	120	3W	S6	E12	10	39	756115	28MB	28	0.04A	T2½	BA9s	10	41
750311	3S6/5DC120	120	3W	S6	BA15d	10	40	756120	28PSB5	28	0.04A	T2	TS5	10	42
750312	3S6/5DC130	130	3W	S6	BA15d	10	40	754020	31	6.15	0.3A	G4½	E10	10	48
756010	6MB	6	0.14A	T2½	BA9s	10	41	752015	37	14	0.09A	T1¼	Mini Wedge	10	45
756015	6PSB5	6	0.14A	T2	TS5	10	42	752020	40	6.3	0.15A	T3¼	E10	10	51
756060	6S6/6V	6	6W	S6	E12	10	39	752025	41	2.5	0.5A	T3¼	E10	10	51
•756061	6S6/12V	12	6W	S6	E12	10	39	751030	43	2.5	0.5A	T3¼	BA9s	10	52
•756062	6S6/24V	24	6W	S6	E12	10	39	751035	44	6.3	0.25A	T3¼	BA9s	10	52
756063	6S6/30V	30	6W	S6	E12	10	39	751040	46	6.3	0.25A	T3¼	E10	10	51
756064	6S6/48V	48	6W	S6	E12	10	39	751045	47	6.3	0.15A	T3¼	BA9s	10	52
756065	6S6/60V	60	6W	S6	E12	10	39	751050	48	2	0.06A	T3¼	E10	10	51
•756066	6S6/120V	120	6W	S6	E12	50	39	756130	48ESB5	48	0.04A	T2	TS5	10	65
756067	6S6/145V	145	6W	S6	E12	10	39	756135	48MB	48	0.05A	T2½	BA9s	10	41
756068	6S6/155V	155	6W	S6	E12	10	39	756140	48PSB5	48	0.05A	T2	TS5	10	42
756069	6S6/230V	230	6W	S6	E12	10	39	756145	48RC	48	0.05A	T2	E12	10	42
75610	6S6DC/6V	6	6W	S6	BA15d	10	40	751055	49	2	0.06A	T3¼	BA9s	10	52
75611	6S6DC/12V	12	6W	S6	BA15d	10	40	754025	50	7.5	0.22A	G3½	E10	10	43
75612	6S6DC/24V	24	6W	S6	BA15d	10	40	752030	51	7.5	0.22A	G3 ½	BA9s	10	51
75613	6S6DC/30V	30	6W	S6	BA15d	10	40	754030	52	14.4	0.1A	G3½	E10	10	43
75614	6S6DC/32V	32	6W	S6	BA15d	10	40	752035	53	14.4	0.12A	G3½	BA9s	10	53
75615	6S6DC/48V	48	6W	S6	BA15d	10	40	756150	55C3	55	0.05A	T2	TS3	10	49
75616	6S6DC/60V	60	6W	S6	BA15d	10	40	•751060	55	7	0.41A	G4½	BA9s	10	54
75617	6S6DC/120V	120	6W	S6	BA15d	10	40	752040	57	14	0.24A	G4½	BA9s	10	54
75618	6S6DC/145V	145	6W	S6	BA15d	10	40	751065	60MB	60	0.05A	T2½	BA9s	10	41
750101	10S6/230V	230	10W	S6	E12	10	39	751070	60PSB5	60	0.05A	T2	TS5	10	42
750114	10S6/250V	250	10W	S6	E12	10	39	756155	63	7	0.63A	G6	BA15s	10	55
750111	10S6DC/250V	250	10W	S6	BA15d	10	40	752045	64	7	0.63A	G6	BA15d	10	56
756030	12ESB5	12	0.04A	T2	TS5	10	65	752050	67	13.5	0.59A	G6	BA15s	10	55
756035	12MB	12	0.17A	T2½	BA9s	10	41	752055	68	13.5	0.59A	G6	BA15d	10	56
756040	12PSB5	12	0.17A	T2	TS5	10	42	752060	70	14	0.15A	T1¼	Mini Wedge	10	47
756045	12RB	12	0.17A	T2	BA9s	10	43	752065	73	14	0.08A	T1¼	Mini Wedge	10	47
756050	12RC	12	0.17A	T2	E12	10	44	752075	74	14	0.1A	T1¼	Mini Wedge	10	47
754005	13	3.7	0.3A	G3½	E10	10	45	752080	79	6	0.2A	T1¼	Mini Wedge	10	47
754010	14	2.47	0.3A	G3½	E10	10	45	755005	81	6.5	1.02A	G6	BA15s	10	55
751010	15	7	0.4A	G4½	G5.3	10	46	752085	82	6.5	1.02A	G6	BA15d	10	56
751015	16ESB5	16	0.04A	T2	TS5	10	65	751085	84	6.3	0.04A	T1¼	Mini Wedge	10	47
751020	17	28	0.065A	T1¼	Mini Wedge	10	45	•751090	85	28	0.04A	T1¼	Mini Wedge	10	47
751025	18	14	0.04A	T1¼	Mini Wedge	10	45	751100	86	6.3	0.2A	T1¼	Mini Wedge	10	47
752005	24	14	0.24A	T2¾	Mini Wedge	10	46	751105	87	6.8	1.91A	S8	BA15s	10	57
756075	24ESB5	24	0.04A	T2	TS5	10	65	751110	88	6.8	1.91A	S8	BA15d	10	58
756080	24EX	24	0.035A	T2	TS2	10	46	752090	89	13	0.58A	G6	BA15s	10	55
756085	24MB	24	0.073A	T2½	BA9s	10	41	•752095	90	13	0.58A	G6	BA15d	10	56
752010	24NA	14	0.24A	T2¾	Mini Wedge	10	46	752100	90MB	90	0.03A	T2½	BA9s	10	41
756090	24PSB5	24	0.073A	T2	TS5	10	42	•715093	93	12.8	1.04A	S8	BA15s	10	57
756095	24RC	24	0.073A	T2	E12	10	43	752110	94	12.8	1.04A	S8	BA15d	10	58
756100	24X	24	0.035A	T2	TS2	10	46	752115	97	13.5	0.69A	G6	BA15s	10	55
754015	27	4.9	0.3A	G4½	E10	10	48	752120	97A	13.5	0.69A	G6	BA15s	10	55
756110	28ESB5	28	0.04A	T2	TS5	10	65	752125	98	13	0.62A	G6	BA15s	10	55

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Miniature

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Item #	Ordering Code	Volts	Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152
752135	105	12.8	1A	B6	BA15s	10	59
754035	112	1.2	0.25A	TL3	E10	10	61
• 751115	120MB	120	0.025A	T2½	BA9s	10	41
751120	120MB-N	120	4.0mA	T3	BA9s	10	41
• 751125	120PSB5	120	0.025A	T2	TS5	10	42
751130	120PSB5-N	120	3.5mA	T2	TS5	10	62
751135	120RB	120	0.025A	T2	BA9s	10	53
754040	123	1.25	0.3A	G3½	E10	10	45
751145	124	14	0.27A	T3¼	Mini Wedge	10	63
756160	130MB	130	0.025A	T2½	BA9s	10	41
754045	131	1.3	0.1A	G3½	E10	10	45
751150	147	7	0.43A	T3¼	Mini Wedge	10	63
756165	155MB	155	0.025A	T2½	BA9s	10	41
756170	155PSB5	155	0.025A	T2	TS5	10	42
752140	158	14	0.24A	T3¼	Mini Wedge	10	63
752145	159	6.3	0.15A	T3¼	Mini Wedge	10	63
• 752150	161	14	0.19A	T3¼	Mini Wedge	10	63
• 752160	168	14	0.35A	T3¼	Mini Wedge	10	63
752165	192	13	0.33A	T3¼	Mini Wedge	10	63
752170	193	14	0.33A	T3¼	Mini Wedge	10	63
• 752180	194	14	0.27A	T3¼	Mini Wedge	10	63
752190	194A	14	0.27A	T3¼	Mini Wedge	10	63
752195	194B	14	0.27A	T3¼	Mini Wedge	50	63
752205	194NA	14	0.27A	T3¼	Mini Wedge	10	63
752200	194R	14	0.27A	T3¼	Mini Wedge	10	63
752210	198	12.8/14	2.25/0.59A	S8	BAY15d	10	64
752215	199	12.8	2.25A	S8	BA15s	10	57
756175	210	6.5	1.78A	B6	BA15d	10	60
752220	211-2	12.8	0.97A	T3	Double End Cap	10	66
752225	212-2	13.5	0.74A	T3	Double End Cap	10	66
752230	214-2	13.5	0.52A	T3	Double End Cap	10	66
754050	222	2.25	0.25A	TL3	E10	10	61
754055	243	2.33	0.27A	TL3	E10	10	61
751155	251	2.47	0.3A	T1¼	SX6s	10	67
756180	259	6.3	0.25A	T3¼	Mini Wedge	10	63
756185	293	14	0.33A	G4½	BA9s	10	54
755010	303	28	0.3A	G6	BA15s	10	55
755015	306	28	0.51A	S8	BA15d	10	58
755020	307	28	0.67A	S8	BA15s	10	57
755025	308	28	0.67A	S8	BA15d	10	58
755030	311	28	1.29A	S11	BA15s	10	69
755035	313	28	0.17A	T3¼	BA9s	10	52
755040	315	28	0.9A	S8	BA15s	10	57
755045	327	28	0.04A	T1¼	SX6s	10	67
755050	328	6	0.2A	T1¼	SX6s	10	67
755055	330	14	0.08A	T1¼	SX6s	10	67

Item #	Ordering Code	Volts	Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152
755060	334	28	0.04A	T1¼	S5.7s	10	72
751160	335	28	0.04A	T1¼	E5	10	73
751165	337	6.3	0.2A	T1¼	S5.7s	10	72
755065	344	10	0.014A	T1 ¼	SX6s	10	67
755070	345	6	0.04A	T1¼	SX6s	10	67
755075	356	28	0.17A	G3½	BA9s	10	53
755080	363	14	0.2A	G3½	BA9s	10	53
751170	373	14	0.08A	T1¼	E5	10	73
751175	376	28	0.06A	T1¼	SX6s	10	67
751180	377	6.3	0.075A	T1¼	SX6s	10	67
751185	378	6.3	0.2A	T1¼	E5	10	73
751190	379	6.3	0.2A	T1¼	S5.7s	10	72
751200	381	6.3	0.2A	T1¼	SX6s	10	67
751205	382	14	0.08A	T1¼	SX6s	10	67
751210	385	28	0.04A	T1¼	SX6s	10	67
751215	386	14	0.08A	T1¼	S5.7s	10	72
751220	387	28	0.04A	T1¼	SX6s	10	67
751225	388	28	0.04A	T1¼	S5.7s	10	72
751230	394	12	0.04A	T1¼	SX6s	10	67
751235	399	28	0.04A	T1¼	E5	10	73
755085	400	28	0.1A	T3¼	Mini Wedge	10	63
754060	407	4.9	0.3A	G4½	E10	10	50
754065	425	5	0.5A	G4½	E10	10	50
754070	428	12.5	0.25A	G4½	E10	10	50
754075	455	6.5	0.5A	G4½	BA9s	10	54
755090	464	28	0.17A	T3¼	Mini Wedge	10	63
754080	502	5.1	0.15A	G4½	E10	10	50
754085	503	5.1	0.15A	G4½	BA9s	10	54
751240	509K	24	0.18A	G6	E12	10	74
756190	555	6.3	0.25A	T3¼	Mini Wedge	10	63
752235	558	13	0.33A	T3¼	Mini Wedge	10	63
752240	561	12.8	0.97A	T3	RGLP	10	75
752245	562	13.5	0.74A	T3	RGLP	10	75
752250	563	13.5	0.52A	T3	RGLP	10	75
752255	564	14	0.44A	T3	RGLP	10	75
752265	577	12.8	1.4A	T4¼	Double End Cap	10	76
751245	585	28	0.04A	T3¼	Mini Wedge	10	71
754090	605	6.15	0.5A	G4½	E10	10	50
756195	623	28	0.37A	G6	BA15s	10	54
752270	624	28	0.37A	G6	BA15d	10	56
752275	631	14	0.63A	G6	BA15s	10	55
• 751250	656	28	0.06A	T3¼	Mini Wedge	10	63
751255	657	28	0.08A	T3¼	Mini Wedge	10	63
751260	658	14	0.08A	T3¼	Mini Wedge	10	63
751265	680	5	0.06A	T1	WL	10	77
751270	683	5	0.06A	T1	WL	10	77
755095	685	5	0.06A	T1	SX4s	10	78

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Item #	Ordering Code	Volts	Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152
751275	715	5	0.115A	T1	WL	10	77
•751280	755	6.3	0.15A	T3¼	BA9s	10	52
751285	756	14	0.08A	T3¼	BA9s	10	52
•751290	757	28	0.08A	T3¼	BA9s	10	52
756200	778	6	3.33A	T2¼	G4	10	79
756205	787	6	1.67A	T2¼	G4	10	80
756210	788	6	3.33A	T2¼	G4	10	80
756215	789	12	1.17A	T2¼	G4	10	79
752280	795	12.8	50W	T4	BA15s	10	81
752285	795X	12.8	50W	T4	BA15s	10	81
752290	796	12.8	50W	T4	BA15s	10	81
752295	880	12.8	27W	T3¼	PG13	10	82
752300	881	12.8	27W	T3¼	P22d	10	83
752305	882	12.8	4.5	T2¼	B10d	10	84
752315	885	12.8	50W	T3¼	PG13	10	85
752320	886	12.8	50W	T3¼	PGJ13	10	86
752325	889	12.8	27W	T3¼	PGJ13	10	87
752330	890	12.8	27W	T3¼	PG13	10	88
752335	891	12.8	8W	T3	G4	10	89
752340	893	12.8	37.5W	T3¼	PG13	10	82
752345	894	12.8	37.5W	T3¼	PGJ13	10	83
752350	895	40	0.53A	S8	BA15d	10	58
752355	896	12.8	37.5W	T3¼	PGJ13	10	83
757005	901	12.8	0.31A	T5	Mini Wedge	10	90
757010	901A	12.8	0.31A	T5	Mini Wedge	10	90
757015	901B	12.8	0.31A	T5	Mini Wedge	50	90
757020	901G	12.8	0.31A	T5	Mini Wedge	50	90
757025	901R	12.8	0.31A	T5	Mini Wedge	50	90
752360	904	13.5	0.69A	T5	Mini Wedge	10	90
•752365	906	13	0.69A	T5	Mini Wedge	10	90
•753005	908	6	1.5A	T5	Mini Wedge	10	90
•753010	909	6	0.62A	T5	Mini Wedge	10	90
•752370	912	12.8	1A	T5	Mini Wedge	10	90
753015	914	4	0.9A	T5	Mini Wedge	10	90
•753020	915	12	0.75A	T5	Mini Wedge	10	90
752375	916	13.5	0.54A	T5	Mini Wedge	10	90
757030	917	12.8	1.2A	T5	Mini Wedge	10	90
•757035	918	12.8	0.56A	T5	Mini Wedge	10	90
757040	918A	12.8	0.56A	T5	Mini Wedge	10	90
757045	918B	12.8	0.56A	T5	Mini Wedge	50	90
757050	918G	12.8	0.56A	T5	Mini Wedge	50	90
757055	918R	12.8	0.56A	T5	Mini Wedge	50	90
•752380	921	12.8	1.4A	T5	Mini Wedge	10	90
752385	922	12.8	0.98A	T5	Mini Wedge	10	90
757060	923	12.8	0.91A	T5	Mini Wedge	10	90
757075	923G	12.8	0.91A	T5	Mini Wedge	50	90
757080	923R	12.8	0.91A	T5	Mini Wedge	50	90
752390	928	28	0.3A	T5	Mini Wedge	50	90

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752395	1003	12.8	0.94A	B6	BA15s	10	59
752400	1004	12.8	0.94A	B6	BA15d	10	60
752410	1034	12.8/14	1.8/0.59A	S8	BAY15d	10	64
752415	1073	12.8	1.8A	S8	BA15s	10	57
752420	1076	12.8	1.8A	S8	BA15d	10	58
752425	1129	6.4	2.63A	S8	BA15s	10	57
752430	1130	6.4	2.63A	S8	BA15d	10	58
•715113	1133	6.2	3.91A	RP11	BA15s	10	92
•752435	1141	12.8	1.6A	S8	BA15s	10	57
752440	1141IF	12.8	1.6A	S8	BA15s	10	57
•752445	1142	12.8	1.6A	S8	BA15d	10	57
752450	1152	12.8	1.34A	S8	BA15d	10	58
752455	1154	6.4/7	2.63/0.75A	S8	BAY15d	10	64
752460	1155	13.5	0.59A	G6	BA15s	10	55
•715015	1156	12.8	2.1A	S8	BA15s	10	57
752470	1156A	12.8	2.1A	S8	BA15s	10	57
752475	1156NA	12.8	2.1A	S8	BA15s	10	57
752480	1157	12.8/14	2.1/0.59A	S8	BAY15d	10	64
752485	1157A	12.8/14	2.1/0.59A	S8	BAY15d	10	64
752490	1157NA	12.8/14	2.1/0.59A	S8	BAY15d	10	64
752495	1158	6.4/7	2.63/0.75A	S8	BA15d	10	58
752500	1176	12.8/14	1.34/0.59A	S8	BA15d	10	58
752505	1195	12.5	3A	RP11	BA15s	10	92
752510	1196	12.5	3A	RP11	BA15d	10	93
752515	1203	28	0.71A	S8	BA15s	10	57
756235	1251	28	0.23A	G6	BA15s	10	55
756240	1252	28	0.23A	G6	BA15d	10	54
752520	1295	12.5	3A	S8	BA15s	10	55
752525	1295NA	12.5	3A	S8	BA15s	10	55
•752530	1383	13	1.5A	R12	BA15s	10	94
756245	1385	28	0.72A	R12	BA15s	10	94
751295	1408	10	0.13A	T3¼	BA9s	10	52
752535	1445	14.4	0.135A	G3½	BA9s	10	53
752540	1449	14	0.2A	G3½	E10	10	45
758005	1460	6.5	2.75A	S8	P30d	10	91
758010	1460X	6.5	2.75A	S8	P30d	10	91
751300	1477	24	0.17A	T3	E10	10	95
751305	1487	14	0.2A	T3¼	E10	10	51
751310	1490	3.2	0.16A	T3¼	BA9s	10	52
756255	1493	6.4	2.75A	S8	BA15d	10	58
755105	1495	28	0.3A	T4½	BA9s	10	96
755110	1591	28	0.61A	S8	BA15s	10	57
756260	1630	6.5	2.75A	S8	P30d	10	91
756265	1631X	6.5	2.75A	S8	P30d	10	91
756270	1634	20	1.04A	S8	P30d	10	91
756275	1649	6.5	2.75A	S8	P30d	10	91
754095	1651	5	0.6A	S8	BA15s	10	57
755115	1662	28/28	0.93/0.34A	S8	BAY15d	10	64

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755120	1683	28	1.02A	S8	BA15s	10	57
755125	1691	28	0.61A	S8	BA15s	10	57
752545	1692	28	0.61A	S8	BA15d	10	58
755130	1768	6	0.2A	T1¼	E5	10	73
755135	1769	2.5	0.2A	T1¼	E5	10	73
755140	1775	6.3	0.075A	T1¼	E5	10	73
752550	1804	4	0.06A	T3¼	BA9s	10	52
756285	1810	6.3	0.4A	T3¼	BA9s	10	52
756290	1813	14.4	0.1A	T3¼	BA9s	10	52
751315	1815	14	0.2A	T3¼	BA9s	10	52
752555	1816	13	0.33A	T3¼	BA9s	10	52
755145	1818	24	0.17A	T3¼	BA9s	10	52
751320	1819	28	0.04A	T3¼	BA9s	10	52
751325	1820	28	0.1A	T3¼	BA9s	10	52
751330	1821	28	0.17A	T3¼	E10	10	51
755150	1822	36	0.1A	T3¼	BA9s	10	52
755155	1828	37.5	0.05A	T3¼	BA9s	10	52
751335	1829	28	0.07A	T3¼	BA9s	10	52
751340	1835	55	0.05A	T3¼	BA9s	10	52
751345	1843	28	0.022A	T3¼	BA9s	10	52
756295	1847	6.3	0.15A	T3¼	BA9s	10	52
754100	1850	5	0.09A	T3¼	BA9s	10	52
755160	1864	28	0.17A	T3¼	BA9s	10	52
756300	1866	6.3	0.25A	T3¼	BA9s	10	52
755165	1873	28	0.2A	T3¼	BA9s	10	52
752565	1888	7	0.5A	T3¼	BA9s	10	52
752570	1889	14	0.27A	T3¼	BA9s	10	52
752575	1891	14	0.24A	T3¼	BA9s	10	52
752580	1892	14.4	0.12A	T3¼	BA9s	10	52
752585	1893	14	0.33A	T3¼	BA9s	10	52
752590	1895	14	0.27A	G4½	BA9s	10	54
752595	1895A	14	0.27A	G4½	BA9s	10	54
752600	1895B	14	0.27A	G4½	BA9s	50	54
752605	1895R	14	0.27A	G4½	BA9s	50	54
752610	1906	5	0.07A	T3¼	BA9s	10	52
752630	2057	12.8/14	2.1/0.48A	S8	BAY15d	10	64
752635	2057A	12.8/14	2.1/0.48A	S8	BAY15d	10	64
752640	2057NA	12.8/14	2.1/0.48A	S8	BAY15d	10	64
751350	2114	6	0.06A	T1¼	WL	10	97
751355	2162	14	0.1A	T1¼	WL	10	98
751360	2174	12	0.04A	T1¼	WL	10	98
751365	2176	24	0.05A	T1¼	WL	10	98
751370	2182	14	0.08A	T1¼	WL	10	98
751375	2187	28	0.04A	T1¼	WL	10	98
751380	2200	5	0.06A	T1¼	WL	10	98
755170	2232	28	0.643A	S8	BA15s	10	57
755175	2233	28	0.766A	S8	BA15s	10	57
752650	2357	12.8/14	2.23/0.59A	S8	BAY15d	10	64

Item #	Ordering Code	Volts	Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152
752655	2357A	12.8/14	2.23/0.59A	S8	BAY15d	10	64
752660	2357NA	12.8/14	2.23/0.59A	S8	BAY15d	10	64
752665	2396	12.8	2.23A	S8	BA15s	10	57
751385	2721	12	0.1A	T1¼	Mini Wedge	10	47
752670	3057	12.8/14	2.1/0.48A	S8	Mini Wedge	10	99
752673	3155K	12.8	1.44A	S8	Mini Wedge	10	99
752674	3156	12.8	2.1A	S8	Mini Wedge	10	99
752675	3157	12.8/14	2.1/0.59A	S8	Mini Wedge	10	99
756305	6022	5	0.02A	T1	WL	10	77
756315	6610F	12	0.055A	T2	SF6/6	10	100
756320	6614F	14	0.05A	T2	SF6/6	10	100
756325	6615F	14	0.08A	T2	SF6/6	10	100
751390	6833	5	0.06A	T¼	WL	10	115
751395	6838	28	0.024A	T1	WL	10	77
755180	6839	28	0.024A	T1	SX4s	10	78
751400	7219	12	0.06A	T1	WL	10	77
756330	7327	28	0.04A	T1¼	G3.17	10	101
756335	7328	6	0.2A	T1¼	G3.17	10	101
756345	7349	6.3	0.2A	T1¼	G3.17	10	101
756350	7371	12	0.04A	T1¼	G3.17	10	101
751405	7373	14	0.1A	T1¼	G3.17	10	101
751410	7381	6.3	0.2A	T1¼	G3.17	10	101
751415	7382	14	0.08A	T1¼	G3.17	10	101
751420	7387	28	0.04A	T1¼	G3.17	10	101
751425	7632	28	0.04A	T1¼	G2.54	10	101
751430	7683	5	0.06A	T1	G1.27	10	102
751435	7714	5	0.075A	T1	G1.27	10	102
751440	7715	5	0.115A	T1	G1.27	10	102
751445	7839	28	0.024A	T1	G1.27	10	102
756355	7876	28	0.06A	T1¼	G3.17	10	101
756360	8111	14	0.065A	T1	WL	10	77
755190	8362	14	0.08A	T1¼	E5	10	73
751450	8610	6.3	0.2A	T1¼	WL	10	97
751455	8627	28	0.04A	T1¼	WL	10	97
751460	8640	14	0.08A	T1¼	WL	10	97
755195	8918	14	0.1A	T1¼	SX6s	10	67
752680	9003	12.8/12.8	60/55	T5	P43t38	10	103
752685	9004	12.8/12.8	65/45	HB1	P29t	10	104
752690	9005	12.8	65	HB1	P20d	10	105
752695	9006	12.8	55	HB4	P22d	10	106
752700	9007	12.8/12.8	65/55	HB5	Px29t	10	104
751470	A1A	110	0.6ma	T2	WL	10	107
751475	A1B	110	0.3ma	T2	WL	10	107
751480	A1C	110	1.2ma	T2	WL	10	107
751485	A1H	110	1.2ma	T2	SX6s	10	108
751500	A3C	110	1.8ma	T2	WL	10	107
751510	B1A	110	0.3ma	T3¼	BA9s	10	109
751515	B2A	110	1.2ma	T3¼	BA9s	10	109

All products are special order only and subject to a special order fee, minimum order quantities and are non-returnable.

• NOT subject to the special order policy.

NOTE: VOLTS x AMPS = WATTS

BULBRITE®

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For LED minatures, see Bulbrite's LED catalog.

Item #	Ordering Code	Volts	Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152	Item #	Ordering Code	Volts	Amps	Bulb Type	Base	Min. Qty.	Fig. pg.152
751520	B7A	110	2ma	T4½	E12	10	110	754185	KPR118	7.2	0.55A	B3½	P13.5s	10	70
751525	B9A	110	2ma	T4½	BA15d	10	111	754170	KPR13	4.75	0.5A	B3½	P13.5s	10	70
751535	C2A	110	1.8ma	T2	WL	10	107	754155	KPR2	2.38	0.5A	B3½	P13.5s	10	70
751550	C7A	110	0.7ma	T2	SX6s	10	108	754160	KPR3	3.6	0.91A	B3½	P13.5s	10	70
751555	C9A	110	1.8ma	T2	SX6s	10	108	754165	KPR4	2.2	0.47A	B3½	P13.5s	10	70
752705	DE3021	14	0.24A	FESTOON	SV7mm	10	112	751565	NE51H-R	110	1.2mA	T3¼	BA9s	10	109
752710	DE3022	13	0.38A	FESTOON	SV7mm	10	112	751560	NE51R	110	0.3mA	T3	BA9s	10	109
752715	DE3175	13	0.77A	FESTOON	SV8.5mm	10	113	754205	PR2	2.38	0.5A	B3½	P13.5s	10	71
752720	DE3423	13	0.39A	FESTOON	SV8.5mm	10	114	754210	PR3	3.57	0.5A	B3½	P13.5s	10	71
752725	DE3425	13	0.77A	FESTOON	SV8.5mm	10	114	754215	PR4	2.33	0.27A	B3½	P13.5s	10	71
754105	HPR36	5.5	1A	T3	P13.5s	10	68	754220	PR6	2.47	0.3A	B3½	P13.5s	10	71
754110	HPR44	4	1A	T3	P13.5s	10	68	754225	PR7	3.7	0.3A	B3½	P13.5s	10	71
754115	HPR50	5.2	0.85A	T3	P13.5s	10	68	754230	PR9	2.7	0.15A	B3½	P13.5s	10	71
754120	HPR51	6.5	0.7A	T3	P13.5s	10	68	754235	PR12	5.95	0.5A	B3½	P13.5s	10	71
754125	HPR52	2.8	0.85A	T3	P13.5s	10	68	754240	PR13	4.75	0.5A	B3½	P13.5s	10	71
754130	HPR53	4	0.85A	T3	P13.5s	10	68	754245	PR15	4.82	0.5A	B3½	P13.5s	10	71
754140	HPR55	5.2	0.5A	T3	P13.5s	10	68	754250	PR16	12.5	0.25A	B3½	P13.5s	10	71
754145	K12	5.95	0.7A	B3½	P13.5s	10	70	754255	PR18	7.2	0.55A	B3½	P13.5s	10	71
754150	K15	4.8	0.7A	B3½	P13.5s	10	70	754260	PR20	8.63	0.5A	B3½	P13.5s	10	71
754175	KPR102	2.4	0.7A	B3½	P13.5s	10	70	754265	PR30	3.75	0.86A	B3½	P13.5s	10	71
754180	KPR103	3.6	0.75A	B3½	P13.5s	10	70								

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NOTE: VOLTS x AMPS = WATTS

- NOT subject to the special order policy.

Blister Card

A15



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
40	A15	E26	184040	B40A15F	130	10 / 20	Frost	340	2500	3 1/2"
			184140	B40A15C	130	12 / 20	Clear	340	2500	3 1/2"

GLOBE G16 1/2 - CANDELABRA



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
25	G16 1/2	E12	381025	B25G16WH	120	10 / 120	White 2-PK	168	2500	2 3/4"
			381125	B25G16CL	120	10 / 120	Clear 2-PK	175	2500	2 3/4"
40	G16 1/2	E12	381040	B40G16WH	120	10 / 120	White 2-PK	335	2500	2 3/4"
			381140	B40G16CL	120	10 / 120	Clear 2-PK	340	2500	2 3/4"

B10 TORPEDO - CANDELABRA



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
25	B10	E12	480025	B25CTC	120	10 / 120	Clear 2-PK	190	1500	3 7/8"
			481025	B25CTF	120	10 / 120	Frost 2-PK	175	1500	3 7/8"
40	B10	E12	480040	B40CTC	120	10 / 120	Clear 2-PK	365	1500	3 7/8"
			481040	B40CTF	120	10 / 120	Frost 2-PK	350	1500	3 7/8"
60	B10	E12	480060	B60CTC	120	10 / 120	Clear 2-PK	615	1500	3 7/8"
			481060	B60CTF	120	10 / 120	Frost 2-PK	590	1500	3 7/8"

CA10 FLAME - CANDELABRA



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
25	CA10	E12	483025	B25CFC	120	10 / 120	Clear 2-PK	190	1500	4"
			484025	B25CFF	120	10 / 120	Frost 2-PK	175	1500	4"
40	CA10	E12	483040	B40CFC	120	10 / 120	Clear 2-PK	365	1500	4"
			484040	B40CFF	120	10 / 120	Frost 2-PK	350	1500	4"
60	CA10	E12	483060	B60CFC	120	10 / 120	Clear 2-PK	615	1500	4"
			484060	B60CFF	120	10 / 120	Frost 2-PK	590	1500	4"

B10 TORPEDO - MEDIUM BASE



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
25	B10	E26	485025	B25ETC	120	10 / 120	Clear 2-PK	190	1500	3 7/8"
			486025	B25ETF	120	10 / 120	Frost 2-PK	175	1500	3 7/8"
40	B10	E26	485040	B40ETC	120	10 / 120	Clear 2-PK	365	1500	3 7/8"
			486040	B40ETF	120	10 / 120	Frost 2-PK	350	1500	3 7/8"
60	B10	E26	485060	B60ETC	120	10 / 120	Clear 2-PK	615	1500	3 7/8"
			486060	B60ETF	120	10 / 120	Frost 2-PK	590	1500	3 7/8"

CA10 FLAME - MEDIUM BASE



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
25	CA10	E26	488025	B25EFC	120	10 / 120	Clear 2-PK	190	1500	4"
			489025	B25EFF	120	10 / 120	Frost 2-PK	175	1500	4"
40	CA10	E26	488040	B40EFC	120	10 / 120	Clear 2-PK	365	1500	4"
			489040	B40EFF	120	10 / 120	Frost 2-PK	350	1500	4"
60	CA10	E26	488060	B60EFC	120	10 / 120	Clear 2-PK	615	1500	4"
			489060	B60EFF	120	10 / 120	Frost 2-PK	590	1500	4"

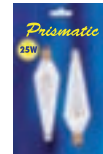
FLICKER

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
3	B10	E12	480003	BF3CTC/32	130	10 / 120	Clear	-	2500	3 7/8"
		E26	480503	BF3ETC/32	130	10 / 120	Clear	-	2500	3 1/2"
	CA10	E12	480303	BF3CFC/32	130	10 / 120	Clear	-	2500	4"



PRISM

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
25	Prism	E12	480125	B25PRISM	120	10 / 120	Clear 2-PK	150	2500	4 1/2"
40	Prism	E12	480140	B40PRISM	120	10 / 120	Clear 2-PK	300	2500	4 1/2"



HIGH INTENSITY S8, S11, RP11

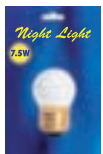
Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
12	S8	BA15s	• 715893	B93	12.8	20 / 240	Clear 2-PK	-	700	1 7/8"
24	RP11	BA15s	• 715813	B1133	6	20 / 240	Clear 2-PK	-	200	2 1/16"
40	S11	E17	702840	B40S11N/C	120	20 / 240	Clear	355	1000	2 3/8"

• Discontinued Item



NIGHT LIGHT S11

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
7.5	S11	E26	702817	B7.5S11C	130	20 / 240	Clear	52	2500	2 1/4"
			702807	B7.5S11W	130	20 / 240	White	34	2500	2 1/4"



SHOWCASE/AQUARIUM T10

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
15	T10	E26	784115	B15T10C	120	10 / 120	Clear	115	2500	5"
25	T10	E26	784125	B25T10C	120	10 / 120	Clear	165	2500	5"
			784025	B25T10F	120	10 / 120	Frost	160	2500	5"
40	T10	E26	784140	B40T10C	120	10 / 120	Clear	335	2500	5"
			784040	B40T10F	120	10 / 120	Frost	325	2500	5"
60	T10	E26	784160	B60T10C	120	10 / 120	Clear	650	2500	5"
			784060	B60T10F	120	10 / 120	Frost	635	2500	5"



NIGHT LIGHT C7

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Finish	Lumens	Average Hours	M.O.L.
4	C7	E12	709814	B4C7C/4	120	12 / 200	Clear 4-PK	20	3000	2 1/8"
			709804	B4C7W/4	120	10 / 200	White 4-PK	19	3000	2 1/8"



Major Brand Specialty, Halogen



Product affected by EISA legislation, beginning January 1st of year noted. (PARs effective July 14th, 2012)
Only available while supplies last.
See pg 10-11 for details on legislation.

LINESTRA T10 (2000 Hours)

Watts	Base	Item #	Ordering Code	Volts	Inner/Master	Lumens
60	S14s	507060	LI60-2	125/130	1 / 25	460
150	S14s	507150	LI150-2	125/130	8 / 16	930

BI-PIN JC G4, GY6.35 (2000 Hours)

Watts	Base	Item #	Ordering Code	Volts	Inner/Master	Lumens
20	G4	●650022	Q20G4/12/US	12	10 / 40	320
35	GY6 35	●650037	Q35GY6/12/US	12	10 / 40	600
50	GY6 35	●650052	Q50GY6/12/US	12	10 / 40	950

● DISCONTINUED

HALOGEN A19 FROST (3000 Hours)

Watts	Base	Item #	Ordering Code	Volts	Inner/Master	Lumens
60	E26	▲615060	60A/HAL	120	1 / 12	960
75	E26	▲615075	75A/HAL	120	1 / 12	1300
100	E26	▲615100	100A/HAL	120	1 / 12	1800

PAR20

Watts	Base	Item #	Ordering Code	Volts	Beam	Lumens
35	E26	683511	35CAP20WF2	120	W. FLOOD	360
		683512	35CAP20NF2	120	N. FLOOD	360
		683513	35CAP20NS2	120	N. SPOT	360
50	E26	685121	50CAP20NF2	120	N. FLOOD	550
		▲685141	50CAP20NS2	120	N. SPOT	550
		▲685221	50CAP20NF3	130	N. FLOOD	420
		▲685241	50CAP20NS3	130	N. SPOT	420

PACKED: 1 INNER/15 MASTER

120V: 2500 Hours
130V: 5000 Hours @120V

PAR30

Watts	Base	Item #	Ordering Code	Volts	Beam	Lumens
50	E26	▲685021	50CAP30NF2	120	N. FLOOD	660
		▲685023	50CAP30NF3	130	N. FLOOD	500
		▲685011	50CAP30FL2	120	FLOOD	660
		▲685013	50CAP30FL3	130	FLOOD	500
75	E26	▲687521	75CAP30NF2	120	N. FLOOD	1130
		▲687511	75CAP30FL2	120	FLOOD	1130
		▲687513	75CAP30FL3	130	FLOOD	860

PACKED: 1 INNER/15 MASTER

120V: 2500 Hours
130V: 5000 Hours @120V

PAR30 LONG NECK

Watts	Base	Item #	Ordering Code	Volts	Beam	Lumens
35	E26	683003	35CAP30L/WF2	120	W. FLOOD	450
50	E26	▲685002	50CAP30L/NF2	120	N. FLOOD	660
		▲685302	50CAP30L/NF3	130	N. FLOOD	500
		▲685003	50CAP30L/WF2	120	W. FLOOD	660
		▲685303	50CAP30L/WF3	130	W. FLOOD	500
75	E26	▲687001	75CAP30L/NS2	120	N. SPOT	1130
		▲687002	75CAP30L/NF2	120	N. FLOOD	1130
		▲687302	75CAP30L/NF3	130	N. FLOOD	860
		▲687003	75CAP30L/WF2	120	W. FLOOD	1130
		▲687303	75CAP30L/WF3	130	W. FLOOD	860

PACKED: 1 INNER/15 MASTER

120V: 2500 Hours
130V: 5000 Hours @120V

PAR38

Watts	Base	Item #	Ordering Code	Volts	Beam	Lumens
45	E26	▲684511	45CAP38FL2	120	FLOOD	560
		▲684512	45CAP38FL3	130	FLOOD	425
60	E26	▲686001	60CAP38FL2	120	FLOOD	850
		▲686020	60CAP38SP3	130	SPOT	645
75	E26	▲687501	75CAP38FL2	120	FLOOD	1060
		▲687510	75CAP38FL3	130	FLOOD	805
		▲687502	75CAP38SP2	120	SPOT	1060
80	E26	▲691080	80CAP38F/IR	120	FLOOD	1500
90	E26	▲689011	90CAP38FL2	120	FLOOD	1310
		▲689012	90CAP38FL3	130	FLOOD	1000
		▲689013	90CAP38WFL	130	W. FLOOD	1000
		▲689021	90CAP38SP2	120	SPOT	1310
100	E26	▲689022	90CAP38SP3	130	SPOT	1000
		▲691100	100CAP38F/IR	120	FLOOD	2030
120	E26	▲681203	120CAP38VW	120	V. W. FLOOD	1800
		681201	120CAP38F2	120	FLOOD	1800

PACKED: 1 INNER/15 MASTER

120V: 2500 Hours (IR 3000 Hrs)
130V: 5000 Hours @120V

PAR36 SCREW TERMINAL (4000 Hours)

Watts	Item #	Ordering Code	Volts	Beam	Lumens
36	683601	36CAP36VNS	12	V. N. SPOT	500
	683602	36CAP36NSP	12	N. SPOT	500
	683603	36CAP36WFL	12	W. FLOOD	500

PACKED: 1 INNER/12 MASTER

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Product affected by EISA legislation,
beginning July 14th of year noted.
Only available while supplies last.
See pg 10-11 for details on legislation.



Major Brand CFL, Fluorescent

major brand

TWIN T4 2-PIN (10,000 Hours)

Watts	Base	Item #	Ordering Code	Color Temp	Lumens	M.O.L.
7	G23	504007	CF7DS/827	2700K	400	5.3"
		504207	CF7DS/835	3500K	400	5.3"
		504407	CF7DS/841	4100K	400	5.3"
9	G23	504009	CF9DS/827	2700K	580	6.5"
		504209	CF9DS/835	3500K	580	6.5"
		504409	CF9DS/841	4100K	580	6.5"
13	GX23	504013	CF13DS/827	2700K	800	7.1"
		504214	CF13DS/835	3500K	800	7.1"
		504413	CF13DS/841	4100K	800	7.1"
		504314	CF13DS/850	5000K	800	7.1"

PACKED: 10 INNER/50 MASTER

QUAD T4 2-PIN (10,000 Hours)

Watts	Base	Item #	Ordering Code	Color Temp	Lumens	M.O.L.
13	GX23-2	504113	CF13DD/827	2700K	780	4.6"
		504414	CF13DD/835	3500K	780	4.6"
		504213	CF13DD/841	4100K	780	4.6"
18	G24D-2	504118	CF18DD/827	2700K	1150	6"
		504318	CF18DD/830	3000K	1150	6"
		504418	CF18DD/835	3500K	1150	6"
26	G24D-3	504126	CF26DD/827	2700K	1710	6.8"
		504326	CF26DD/830	3000K	1710	6.8"
		504426	CF26DD/835	3500K	1710	6.8"
		504226	CF26DD/841	4100K	1710	6.8"

PACKED: 10 INNER/50 MASTER

QUAD T4 4-PIN (12,000 Hours)

Watts	Base	Item #	Ordering Code	Color Temp	Lumens	M.O.L.
26	G24Q-3	504726	CF26DD/E/827	2700K	1710	6.5"
		504728	CF26DD/E/830	3000K	1710	6.5"
		504729	CF26DD/E/835	3500K	1710	6.5"
		504727	CF26DD/E/841	4100K	1710	6.5"

PACKED: 10 INNER/50 MASTER

TRIPLE T4 4-PIN (12,000 Hours)

Watts	Base	Item #	Ordering Code	Color Temp	Lumens	M.O.L.
32	GX24Q-3	504833	CF32DT/E/835	3500K	2400	5.6"
		504834	CF32DT/E/841	4100K	2400	5.6"
42	GX24Q-4	504842	CF42DT/E/830	3000K	3200	6.5"
		504843	CF42DT/E/835	3500K	3200	6.5"
		504844	CF42DT/E/841	4100K	3200	6.5"

PACKED: 10 INNER/50 MASTER

HIGH-LUMEN LONG TWIN T5

Watts	Base	Item #	Ordering Code	Color Temp	Lumens	M.O.L.
36	2G11	504531	FT36DL/835	3500K	2900	16.6"
	2G11	504536	FT36DL/841	4100K	2900	16.6"
40	2G11	504541	FT40DL/841RS	4100K	3150	22.6"
	2G11	504542	FT40DL/835RS	3500K	3150	22.6"

PACKED: 1 INNER/10 MASTER
36W: 12,000 Hours
40W: 20,000 Hours

T8 - FO17, FO25, FO32 MED BI-PIN (20,000 Hours)

Watts	Item #	Ordering Code	CRI	Color Temp	Lumens	M.O.L.
17	508117	FO17W/735K	72	3500K	1300	24"
	508217	FO17W/741K	72	4100K	1300	24"
32	▲ 508032	FO32W/730K	72	3000K	2800	48"
	▲ 508132	FO32W/735K	72	3500K	2800	48"
	▲ 508232	FO32W/741K	72	4100K	2800	48"
	508532	FO32W/830K	82	3000K	2950	48"
	508632	FO32W/835K	82	3500K	2950	48"
	508732	FO32W/841K	82	4100K	2950	48"
	508832	FO32W/850K	82	5000K	2800	48"

PACKED: 30/MASTER

T8 U-TUBE (20,000 Hours)

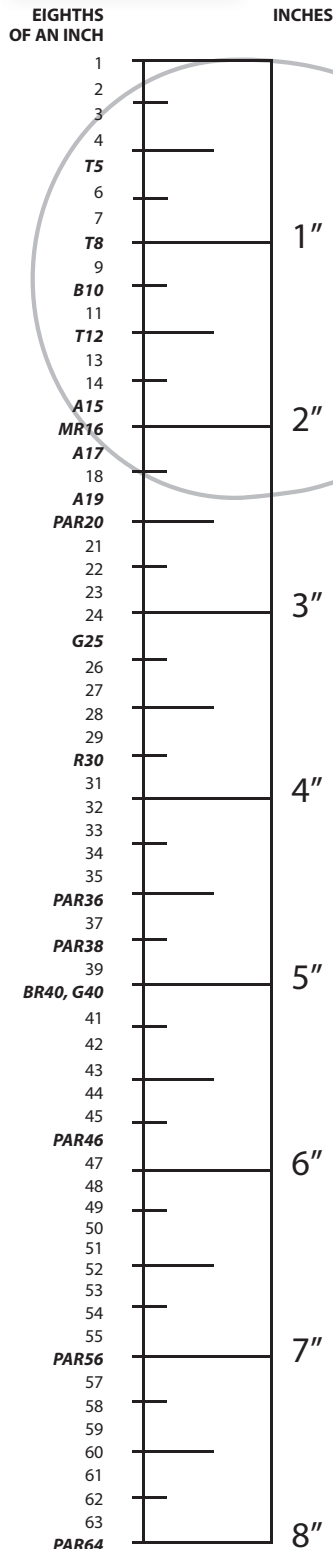
Watts	Item #	Ordering Code	CRI	Color Temp	Lumens	M.O.L.
31	503131	FB31/835K	82	3500K	2725	22.5"
	503231	FB31/841K	82	4100K	2725	22.5"
32	▲ 503132	FB32/735K	72	3500K	2750	22.5"
	▲ 503232	FB32/741K	72	4100K	2650	22.5"

31W PACKED: 15/MASTER
32W 700 Series PACKED: 20/MASTER

Lamp Reference

Measuring Lamps

Lamp Size Reference



Measuring Lamps

All lamps have a specific "bulb type" designation that describes the shape of the lamp and the size of the lamp (diameter). The designation is a two part code consisting of a letter and a number. The letter indicates the shape of the lamp and the number relates to the diameter of the lamp in eighths of an inch.

The reference ruler at left illustrates the most commonly used household lamp, an A19. The "A" indicates the shape (standard) and the diameter would be 2 3/8", which is "19" eighths of an inch.

Additional popular lamp designations are also indicated on the reference ruler. Here is a quick guide to shape abbreviations:

- | | |
|---|--|
| A – Arbitrary (Standard) | R – Reflector |
| PS – Pear Shape | MR – Multi-Faceted Reflector |
| B/BA – Bulged, Bulged with angular tip | BR – Bulbous Reflector |
| C/CA – Conical, Candel shape with bent tip | G – Globe |
| RP – Reflector, Pear shape | T – Tubular |
| S – Straight-sided shape (compare with CA and BA) | BT – Bulged Tubular |
| ST – Spherical Tubular | E/ED – Elliptical, Elliptical with dimple in the crown |
| F – Flame | AR – Aluminized Reflector |
| | PAR – Parabolic Aluminized Reflector |

All lamp types are available in a variety of technologies and therefore may vary in appearance. Maximum overall length (MOL) will also vary.

How to Read Ordering Codes

Ordering codes are designed to indicate lamp specifications such as wattage, technology, shape and finish. Use the examples below to understand how to read Bulbrite ordering codes.

Incandescent

- 40G25CL3**
- 40 = Wattage
 - G25 = Globe (25 eighths of an inch or 3 1/4" diameter)
 - CL = Clear
 - 3 = Voltage (130V)
- 65BR30FL2/2P**
- 65 = Wattage
 - BR30 = Bulbous Reflector (30 eighths of an inch, or 3 3/4" diameter)
 - FL = Flood
 - 2 = Voltage (120V)
 - 2P = 2-Pack
- 40EFC/3**
- 40 = Wattage
 - E = E26 Base (Medium/Standard Base)
 - F = Flame
 - C = Clear
 - 3 = Voltage (130V)

Krypton/Xenon

- JC5XE/12**
- JC = JC Bi-Pin
 - 5 = Wattage
 - XE = Xenon
 - 12 = Voltage (12V)
- KX40CL/E12**
- KX = Krypton Xenon
 - 40 = Wattage
 - CL = Clear
 - E12 = E12 Base (Candelabra)

Halogen

- EXN/L**
- EXN = ANSI code for 50W MR16 40° Flood
 - L = Lensed
- Q35CL/MC**
- Q = Quartz Glass Shell
 - 35 = Wattage
 - CL = Clear
 - MC = Mini Candelabra Base
- H75PAR30NF3**
- H = Halogen
 - 75 = Wattage
 - PAR30 = Parabolic Aluminum Reflector (30 eighths of an inch, or 3 3/4" diameter)
 - NF = Narrow Flood
 - 3 = Voltage (130V)

Compact Fluorescent

- CF13WW/GU24/DM**
- CF = Compact Fluorescent
 - 13 = Wattage
 - WW = Warm White (DL = Daylight, SD = Soft Daylight)
 - GU24 = GU24 Twist and Lock Base
 - DM = Dimmable
- CF18T841/E**
- CF = Compact Fluorescent
 - 18 = Wattage
 - T = Triple Tube
 - 8 = ≥ 80 CRI
 - 41 = Color Temperature (4100K)
 - E = Electronic 4-Pin

Fluorescent

- F32T8/835/HL**
- F = Fluorescent
 - 32 = Wattage
 - T8 = Diameter of tube (8 eighths of an inch or 1")
 - 8 = ≥ 80 CRI
 - 35 = Color Temperature (3500K)
 - HL = High Lumen

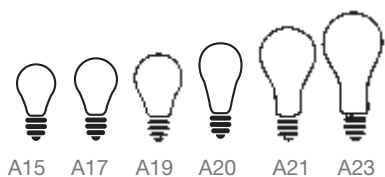
HID

- MH24PAR38NFL/SB**
- MH = Metal Halide
 - 24 = Wattage
 - PAR38 = Parabolic Aluminum Reflector (38 eighths of an inch)
 - NFL = Narrow Flood
 - SB = Self Ballasted
- M70/U/MED/O**
- M = Metal Halide
 - 70 = Wattage
 - U = Universal Burn Position (V = Vertical, H = Horizontal)
 - MED = E26 Base (Medium/Standard Base)
 - O = Open Fixtures (or E = Enclosed)

Lamp Reference

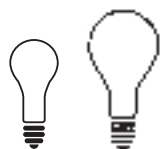
Bulb Types - Shapes & Sizes

A SERIES



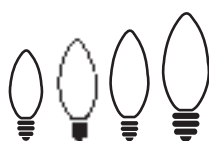
A15 A17 A19 A20 A21 A23

PS SERIES



PS25 PS35

B SERIES



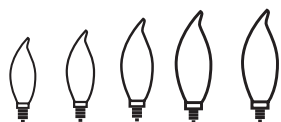
B8 B10 B11 B13

C SERIES



C6 C7 C9 C11 C15

CA SERIES



CA5 CA7 CA8 CA10 CA11

RP & S SERIES



RP11 S6 S8 S11 S14 ST18

F SERIES



F10 F15 F20

PRISM



PRISM

R SERIES



R12 R14 R16 R20 R25 R30 R40

MR SERIES



MR8 MR11 MR16 MR20

BR SERIES



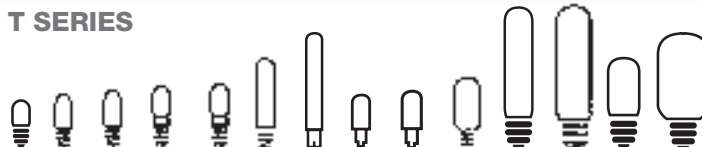
BR25 BR30 BR38 BR40

G SERIES



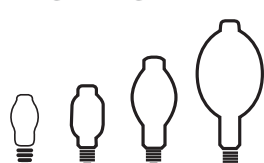
G9 G11 G12 G16 G16½ G19 G25 G30 G40

T SERIES



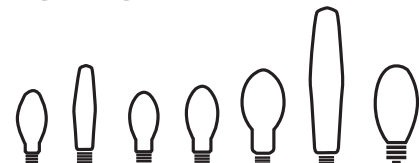
T3 T4 T4½ T5 T5½ T6 T6½ T7 T7½ T8 T9 T10 T14 T20

BT SERIES



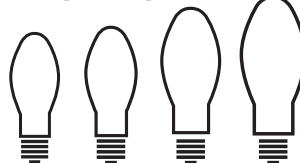
BT15 BT28 BT37 BT56

E SERIES



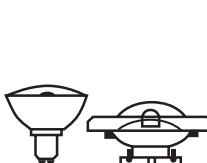
E17 E18 E23½ E23 E37 E25 ED17

ED SERIES



ED18 ED23 ED23½ ED28 ED37

AR SERIES



AR70 AR111

PAR SERIES



PAR14 PAR16 PAR20 PAR30 Short Neck PAR30 Long Neck PAR36 PAR38 PAR46 PAR56 PAR64

SPECIALTY



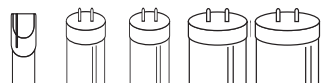
JC Bi-Pin Wedge Festoon Rigid Loop

LINESTRA



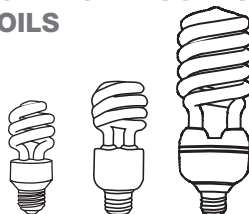
T10

LINEAR FLUORESCENTS



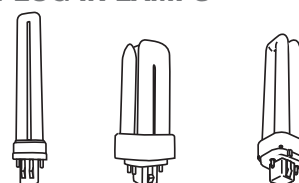
T2 T4 T5 T8 T12

COMPACT FLUORESCENT COILS



T2 Coil T3 Coil T4 Coil

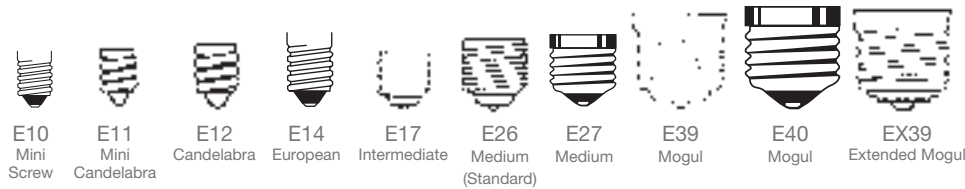
COMPACT FLUORESCENT PLUG IN LAMPS



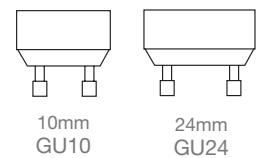
Twin Tube Triple Tube Quad Tube

Lamp Reference Bases & Filaments

SCREW BASES



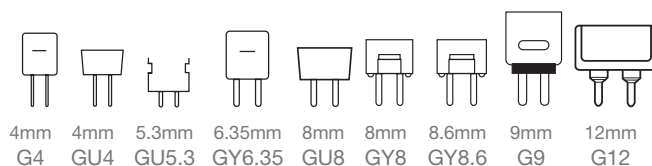
TWIST & LOCK BASES



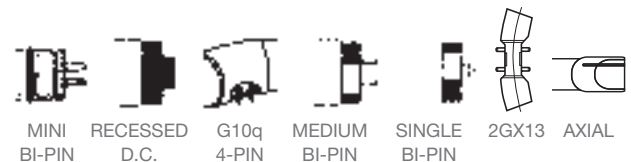
SPECIALTY BASES



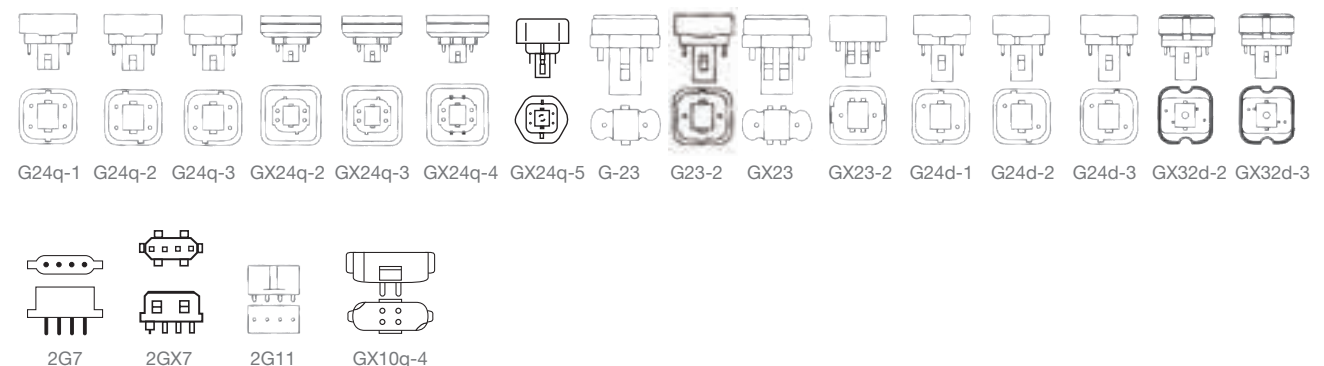
BI PIN BASES



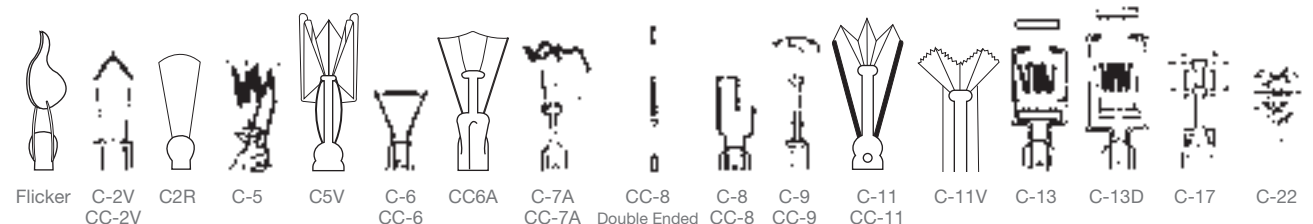
FLUORESCENT PIN BASES



COMPACT FLUORESCENT PLUG IN LAMP BASES



FILAMENTS



NOTE:

C (coiled) - Filament wire is wound into a helical coil or is deeply fluted.

CC (coiled coil) - Filament wire is wound into a helical coil and this coiled wire is wound again into a helical coil.

Lamp Reference

Characteristics of Light

A Guide to Lamp Brightness: Lumen Scale

In the past, consumers have used wattage to rate the brightness of a lamp. However, wattage is not an accurate indicator of lamp brightness. Energy efficient light sources such as Compact Fluorescent Lamps (CFL) have much lower wattages while still producing a great amount of light. Wattage is simply a measure of the amount of energy consumed. Light output, on the other hand, is a measure of luminous flux or simply put, the brightness of the lamp. It is measured in LUMENS.

As more consumers become aware of this common misconception, lumens will become one of the most important factors in lamp selection.

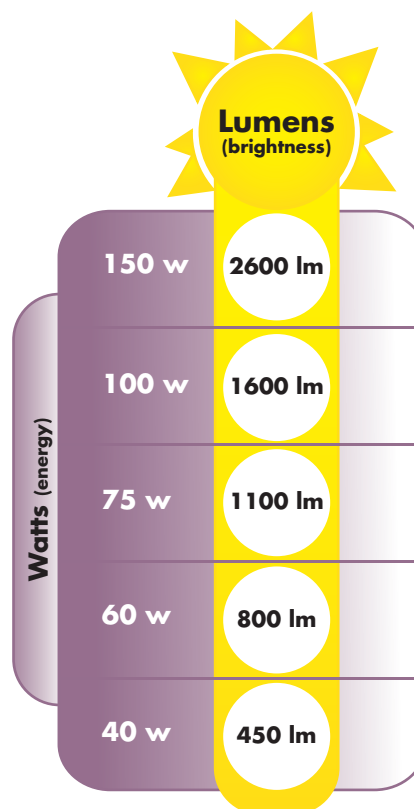
So, if you're still asking WATT lamp you need, you're asking the wrong question. Just remember, **more lumens = more light**.

The guide at right shows typical LUMEN ratings for incandescent lamps.

Be sure to look at LUMENS on the Lighting Facts label on page 9.

Color Rendering Index

CRI, or Color Rendering Index (Ra), measures how well a given light source will render color. Scientists evaluate this by using 8 reference colors and comparing how they look under the light source to how those same colors appear under two reference sources: incandescent light (for warm color lamps) and daylight (for cool color lamps). CRI is represented by a number on a scale from 0 to 100 with 0 being "poor" and 100 being "excellent". The lower the number, the more distorted a color will look under the light source. As you can see in these two pictures, a light source has the ability to enhance or distort the colors of an object.



Estimates base on typical incandescent bulbs
This chart shows the number of lumens produced by common incandescent bulbs.

Correlated Color Temperature: Warm or Cool

Color appearance, also known as Correlated Color Temperature (CCT), is a measure of how warm or cool a light source appears to the human eye. It is measured in degrees Kelvin.

The majority of light sources have a Kelvin temperature within the range of 2700K to 6500K. As a point of reference, daylight at noon has a Kelvin temperature of 5000K. Incandescent light sources typically range from 2700-3500K. Compact Fluorescents and LEDs can range from 2700-6500K. The higher the Kelvin temperature, the cooler the light source appears and the lower the Kelvin temperature, the warmer the light source appears.

COLOR TEMPERATURE	WARM WHITE	SOFT WHITE	NEUTRAL	COOL	SOFT DAYLIGHT	DAYLIGHT
KELVIN	2700K	3000K	3500K	4100K	5000K	6500K
MOOD & EFFECTS	FRIENDLY, PERSONAL, INTIMATE	SOFT, WARM, PLEASING LIGHT	FRIENDLY, INVITING, NON-THREATENING	NEAT, CLEAN, EFFICIENT	BRIGHT, ALERT	BRIGHT, COOL
APPLICATIONS	HOMES, LIBRARIES, RESTAURANTS	HOMES, HOTEL ROOMS, LOBBIES, RESTAURANTS, RETAIL STORES	EXECUTIVE OFFICES, PUBLIC RECEPTION AREAS, SUPERMARKETS	OFFICES, CLASSROOMS, MASS MERCHANDISERS, SHOWROOMS	GRAPHICS INDUSTRY, HOSPITALS	JEWELRY STORES, BEAUTY SALONS, GALLERIES, MUSEUMS, PRINTING

For more info, visit lightopedia.com

Glossary

A - En

AC (Alternating Current) - Electrical current in which the direction is reversed at regular intervals or cycles; in the U.S. the standard is 120 reversals or 60 cycles per second.

Accommodation - The involuntary muscular process by which the eye changes focus from one distance to another.

Adaptation - The involuntary process by which the visual system changes its sensitivity, depending on the luminances prevailing in the visual field. The process involves both the iris and the light sensitive cells of the retina.

Amperes (Amps) - A measure of electrical current. Amps = Watts (Power)/Volts (Voltage)

American National Standards Institute (ANSI) - A consensus-based organization which coordinates voluntary standards for the physical, electrical and performance characteristics of lamps, ballasts, luminaires and other lighting and electrical equipment.

ANSI Codes - These are 3-letter codes assigned by the American National Standards Institute. They provide a system of assuring mechanical and electrical interchangeability among products from various manufacturers.

Argon - Inert gas used in incandescent and fluorescent lamp types. In incandescent light sources, argon retards evaporation of the filament.

Average Rated Life - An average rating, in hours, indicating when 50% of a large group of lamps have failed, when operated at nominal lamp voltage and current. Manufacturers use 3 hours per start for fluorescent lamps and 10 hours per start for HID lamps when performing lamp life testing procedures. The life of an LED is defined as the operating time in hours for the lamp to reach L70 which designates 70% lumen maintenance (or 30% reduction in initial light output). Every lamp type has a unique mortality curve that depicts its average rated life.

Ballast - The ballast is an auxiliary electrical device that performs two basic functions: 1) provides the starting voltage and 2) limits the current to sustain lamp operation. There are several types of ballasts including Instant Start, Programmed Start, Pulse Start and Rapid Start (see definitions).

Ballast Factor - The percentage of a lamp's rated lumen output that can be expected when operated on a specific, commercially available ballast. For example, a ballast with a ballast factor of 0.93 will result in the lamp's emitting 93% of its rated lumen output. A ballast with a lower BF results in less light output and also generally consumes less power.

Beam Angle - The beam angle defines the light pattern around the beam's central out to the angle where the luminous intensity (brightness) is half that of the maximum luminous intensity (CBCP - center beam candle power).

Burn Position - The position in which a lamp is designed to operate in; this applies mainly to High Intensity Discharge lamps.

Capacitor - Device in ballast that stores electrical energy. Often used for power factor correction and lamp regulation.

CE (Conformité Européene) - CE Marking on a product is a manufacturer's declaration that the product complies with the essential requirements of the relevant European health, safety and environmental protection legislations, in practice.

Candela (cd) - The measure of luminous intensity of a source in a given direction, regardless of distance.

Center Beam Candlepower (CBCP) - The luminous intensity at the center of the beam of a reflector lamp. Measured in candelas.

Chromaticity - Measure to identify the color of a light source, typically expressed as (x,y) coordinates on a chromaticity chart.

Color Corrected - Refers to a lamp with a special phosphor or coating to give it a color rendering profile similar to natural daylight.

Color Rendering Index (CRI) - A lamp's ability to render an object's true colors based on a scale of 100.

Correlated Color Temperature (CCT) - A numerical measurement of the color appearance of a light source measured in degrees Kelvin (K). It also refers to the way color groups are perceived (psychological impact of lighting). A low color temperature implies warmer color (more yellow/red) light while high color temperature implies a cooler light (more blue).

Current - A measure of the rate of flow of electricity, expressed in amperes (A).

DC (Direct Current) - A type of electrical current and distribution by which electricity flows in one direction through the conductor. Battery operated systems are typical DC applications.

Dichroic Reflector - A reflector (or filter) that reflects the visible light region of the spectrum while allowing the other region(s) (heat) to pass through the back of the lamp. A reflector lamp with a dichroic reflector will have a "cool beam" since most of the heat has been removed.

Discharge Lamp - A light source that produces light by passing a current between electrodes through a vapor or gas. Includes fluorescent and high intensity discharge lamps.

Department of Energy - Governmental department whose mission is to advance energy technology and promote related innovation in the United States. www.energy.gov

Driver - A self-contained power supply that has outputs which match the electrical characteristics of the lamp. It is similar to a ballast and is used to power illumination sources.

Efficacy - A measurement of how effective a light source is in converting electrical energy to lumens of visible light. Expressed in lumens-per-watt (LPW) this measure gives more weight to the yellow region of the spectrum and less weight to the blue and red region where the eye is not as sensitive.

Efficiency - The efficiency of a light source is simply the fraction of electrical energy converted to light, i.e. watts of visible light produced for each watt of electrical power with no concern about the wavelength where the energy is being radiated. For example, a 100 watt incandescent lamp converts 7% of the electrical energy into light; discharge lamps convert 25% to 40% into light. The efficiency of a luminaire or fixture is the percentage of the lamp lumens that actually comes out of the fixture.

Electrical Testing Laboratory (ETL) - Independent testing laboratory that performs ballast tests and certifies accuracy of performance data.

Electromagnetic Spectrum - A continuum of electric and magnetic radiation that is characterized by wavelength or frequency. Visible light encompasses a small part of the electromagnetic spectrum in the region from about 380 nanometers (violet) to 770 nanometers (red) by wavelength.

Enclosed Fixture Rated - See Open Fixture Rated.

Environmental Protection Agency - The mission of EPA is to protect human health and the environment. The EPA implements environmental laws written by Congress through the development of regulations and their enforcement. www.epa.gov

Energy Independence and Security Act (EISA) 2007 -

The Energy Independence and Security Act of 2007 was signed into law on December 19, 2007. The act builds on the progress made by the Energy Policy Act of 2005 (EPAct) in setting out a comprehensive energy strategy for the 21st century. This act is a major step toward reducing our dependence on oil thereby increasing our energy security and making our country cleaner for future generations. An update was issued in 2009 for Incandescent Reflector Lamps and General Service Fluorescent Lamps. www.bulbrite.com/EISA

Energy Star - ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy promoting money savings and the protection of the environment through the use of energy efficient products and practices. www.energystar.gov

Energy Policy Act (EPAct) - Energy legislation passed by Congress in 1992 and updated again in 2005, mandating labeling and minimum energy efficiency requirements for many commonly used incandescent and fluorescent lamps. Please note, the Energy Independence and Security Act of 2007 (EISA 2007) and Executive Order (E.O.) 13423 have been issued subsequent to the passage of EPAct 2005. See Energy Independence and Security Act (EISA) 2007.

Federal Communications Commission (FCC) - The U. S. Federal agency that regulates emissions in the radio frequency portion of the electromagnetic spectrum. Part 18 of the FCC rules specifies electromagnetic interference (EMI) from lighting devices operating at frequencies greater than 9 kilohertz (kHz). Typical electronically-ballasted compact fluorescent lamps operate in the 24 - 100 kHz frequency range.

Field Angle - The angular dimension of the cone of light from reflectorized lamps (such as R and PAR types) encompassing the central part of the beam out to the angle where the intensity is 10% of maximum. See Beam Angle.

Filament - Wire used in incandescent lamps, usually made of tungsten and often coiled, that emits light when heated by an electrical current.

Footcandle (fc) - The unit of measure for the density of light on a surface. One footcandle is equal to one lumen per square foot (lm/ft²). One footcandle = 10.674 lux.

Glare - Glare is an interference with visual perception caused by an uncomfortably bright light source or reflection within one's field of view; a form of visual noise.

Halogen - A group of inert gases, particularly Bromine, which is used to reduce the amount of tungsten that plates the interior wall of the lamp. At high temperatures, the halogen reacts with the tungsten to form tungsten bromide freeing tungsten from the wall and redepositing it onto the filament.

Halogen Cycle - A regenerative cycle of tungsten and halogen atoms, which prevents blackening of the lamp envelope during the life of the lamp. See Halogen.

High Lumen - Lamps that operate with higher lumens (brightness) than the standard model.

High Output Fluorescent (HO) - Fluorescent lamps designed to be used with an 800 milliampere ballast. These lamps are able to operate at low temperatures (down to 0°F) and still produce high light levels.

Illuminance - The total density of visible light—from all directions—illuminating, falling on or incident to, a surface; one lumen per square foot equals one footcandle (lm/ft²), while one lumen per square meter equals one lux (lm/m²).

Initial Lumens - The measured luminous output of a new light source.

Instant Start - A type of fluorescent lamp-ballast circuit designed to start fluorescent lamps as soon as the power is applied. Originally, instant-start circuits were developed to eliminate separate mechanical starter devices.

Integrated Circuit (IC) - IC-based CFLs operate by controlling the voltage and current by adjusting the output frequency which provides stable operation of the CFL. Controlling the current produces less stress on the cathode and the electronic components, which results in long life, smoother dimming, and less noise.

International Dark Sky Association (IDA) - IDA is the recognized authority on light pollution. Founded in 1988, IDA is the first organization to call attention to the hazards of light pollution. www.darksky.org

IP65 - The protection of enclosures against ingress of dirt or against the ingress of water is defined in IEC529 (BSEN60529:1991). The first digit in the rating is the protection against contact and foreign bodies. The second digit in the rating is the water protection factor. IP65 indicates a lamp is totally protected against dust and protected against low pressure jets if water from all directions - limited ingress permitted.

Kelvin - The Kelvin unit is the basis of all temperature measurement. In lighting, Kelvin is the unit of measure for color temperature used to indicate the overall color of the light produced from a source. See correlated color temperature.

Kilowatt (kW) - The measure of electrical power equal to 1000 watts.

Kilowatt Hour (kWh) - The measure of electrical energy from which electricity billing is determined. For example, at the rate of \$0.11 per kWh, a 100 watt lamp operating for 1000 hours will cost \$11.00 (100 x 1000/1000 = 100 kWh x .11 = \$11.00)

Krypton - A noble gas used in lamps, typically Krypton lamps offer brighter, whiter light than standard incandescent.

Lamp - The lighting industry term for a complete light source package, typically referred to by consumers as a "bulb".

Light Center Length (LCL) - The distance between the center of the filament, or arc tube, and a reference plane — usually the bottom of the lamp base.

Light - Radiant energy that stimulates the sense of sight. The "visible" part of the electromagnetic spectrum from 380–770 nm. Light is the energy which allows us to see.

Light Pollution - Light that is directed to areas where it is not needed, and thereby interferes with some visual act. Light pollution directed or reflected into the sky creates a "dome" of wasted light and makes it difficult to see stars above cities.

Light Trespass (Spill Light) - Light that is not aimed properly or shielded effectively can spill out at into areas that don't want it: it can be directed towards drivers, pedestrians or neighbors. It is distracting and can be disabling.

Line Voltage - See voltage.

Lumen (lm) - A measure of luminous flux or quantity of light emitted by a source.

Lumen Depreciation - The gradual decline in light output from a light source over time due to filament deterioration and bulb darkening.

Lumen Maintenance - A measurement of how a lamp maintains its light output over time.

Lumens Per Watt (LPW) - A measure of the efficacy (efficiency) of a light source. The number is achieved by dividing lumens produced by watts consumed.

Luminaire - A complete lighting unit consisting of a lamp (or lamps), ballast (or ballasts) as required to distribute the light, position and protect the lamps and connect them to the power supply. A luminaire is often referred to as a fixture.

Luminance - A photometric measure of "brightness" of a surface as seen by the observer, measured in candelas per square meter. (cd/m²)

Luminous Efficacy - The light output (lumens) of a light source divided by the total power input (watts) to that source. It is expressed in lumens per watt.

Lux (lx) - A unit of illuminance or light falling onto a surface. One lux is equal to one lumen per square meter. Ten lux is approximately one footcandle.

Lighting Facts Label - The Federal Trade Commission (FTC) mandated a new lighting facts label which will be included on all bulbs intended for general service purposes. Packaging for standard base LEDs, CFLs and your household incandescents will show this new two part label over the next few months leading up to the effective date for this new ruling of January 1st, 2012. www.bulbrite.com/lightingfacts

Maximum Overall Length (M.O.L.) - The end-to-end measurement of a lamp, expressed in inches or millimeters.

Mean Lumens - The measured luminous output of a light source at: 40% of lamp life for fluorescent and metal halide lamps and 50% of lamp life for mercury, high-pressure sodium and incandescent lamps.

Maximum of Diameter (M.O.D.) - The measurement of a lamp's diameter, expressed in inches or millimeters.

Mercury - Metallic chemical element, chemical symbol Hg, atomic number 80. Mercury is the only elemental metal that is liquid at ordinary temperatures, with a freezing point of -38 °F (-39 °C) and a boiling point of 674 °F (356.9 °C). It is used in Compact Fluorescent, Fluorescent and HID lamps.

Modified Spectrum - Light sources that utilize neodymium glass or coating (composed of rare earth elements) to simulate true daylight. This special glass or coating filters out the yellow light produced by standard incandescent lamps.

Nanometer - A unit of wavelength equal to one billionth of a meter.

Glossary

Ne - Z

Neodymium - A rare earth element used to produce modified spectrum (full spectrum) incandescent lamps; also known as daylight or natural light. They use a colored glass shell to filter out the yellow light produced by standard incandescent lamps.

Nominal Length - A measurement for Fluorescent lamp length based on the length of the lamp plus an allowance for the luminaire's lamp holders.

Open Fixture Rated - Lamps that are approved for burning in open fixtures (as opposed to enclosed fixtures which have an acrylic lens or plate glass enclosure).

PAR Lamp - A PAR lamp, parabolic aluminized reflector, which may utilize either an incandescent filament, a halogen filament tube or a HID arc tube, is a precision pressed-glass reflector lamp. PAR lamps rely on both the internal reflector and prisms in the lens for control of the light beam. PAR lamps are also available using LED technology in which the lens is used to control the beam.

Phosphor - An inorganic chemical compound processed into a powder and deposited on the inner glass surface of fluorescent tubes, CFL's, LED's and some mercury and metal-halide lamp bulbs. Phosphors are designed to absorb short wavelength ultraviolet radiation and to transform and emit it as visible light.

Photometry - The measurement of light and related quantities.

Power Factor (PF) - Measurement of the relationship between the AC source voltage and current. Power factors can range from 0 to 1.0, with 1.0 being ideal. Power factor is sometimes expressed as a percent. Incandescent lamps have power factors close to 1.0 because they are simple "resistive" loads. The power factor of a fluorescent and HID lamp system is determined by the ballast used. "High" power factor usually means a rating of 0.9 or greater.

Pre-heat Lamp - A fluorescent lamp in which the filament must be heated by use of a starter before the arc is created. These lamps are typically operated with electromagnetic ballasts.

Programmed Rapid Start - A fluorescent lamp-ballast circuit that uses a custom integrated circuit (IC), which monitors lamp and ballast conditions to ensure optimal system lighting performance. PS ballasts heat the lamp cathodes to 700°C prior to lamp ignition. This puts the least amount of stress on the lamp electrodes, resulting in maximum lamp life regardless of the number of lamp starts. Programmed-start ballasts are typically wired in series.

Pulse Start - A fluorescent lamp-ballast circuit that is designed with an ignitor to ignite the arc tube. Due to this, bulbs have no need for the starter electrode. Pulse start lamps are typically more efficient than standard counterparts.

Rapid Start - A fluorescent lamp-ballast circuit which utilized continuous cathode heating, while the system is energized, to start and maintain lamp light output at efficient levels. Rapid start ballasts may be either electromagnetic, electronic or of hybrid designs. Full-range fluorescent lamp dimming is only possible with rapid start systems.

Rated Lamp Life - The length of time of a statistically large sample between first use and the point when 50% of lamps died (no longer operating).

RoHS - RoHS, a European directive, stands for the Restriction on hazardous Substances. RoHS is a regulation for the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Self-Ballasted Lamps - A discharge lamp with an integral ballasting device allowing the lamp to be directly connected to a socket providing line voltage.

Spectral Power Distribution (SPD) - A graph of the radiant power emitted by a light source as a function of wavelength. SPDs provide a visual profile or "finger print" of the color characteristics of the source throughout the visible part of the spectrum.

Starter - An electronic module or device used to assist in starting a discharge lamp, typically by providing a high-voltage surge.

Starting Temperature (Minimum) - The minimum ambient temperature at which the lamp will start reliably.

Task Lighting - Lighting designed for a specific visible operation (task) which requires higher light levels; requirements vary according to the proximity to that task and the level of detail involved.

Total Harmonic Distortion (THD) - A measure of the distortion of the input current on alternating current (AC) power systems caused by higher order harmonics of the fundamental frequency (60Hz in North America). THD is expressed in percent and may refer to individual electrical loads (such as ballast) or a total electrical circuit or system in a building. ANSI C82.77 recommends THD not exceed 32% for individual commercial electronic ballasts, although some electrical utilities may require lower THDs on some systems. Excessive THDs on electrical systems can cause efficiency losses as well as overheating and deterioration of system components.

Toxicity Characteristic Leaching Procedure (TCLP) - The Toxicity Characteristic Leaching Procedure (TCLP) test, specified in the Resource Conservation and Recovery Act (RCRA) of 1990, is used to characterize fluorescent lamp waste as hazardous or nonhazardous for the purpose of disposal. The TCLP test measures the ability of the mercury and/or lead in a lamp to leach from a landfill into groundwater.

Transformer - An electrical device by which the alternating current of one voltage is changed (stepped up or down) to another voltage.

Tri-Phosphor - Fluorescent lamps that utilize red, green, and blue phosphor compounds that glow to produce light similar in color rendering to regular illumination.

Tungsten - A hard, brittle, corrosion-resistant, gray to white metallic element extracted from wolframite, scheelite, and other minerals, having the highest melting point and lowest vapor pressure of any metal. Tungsten and its alloys are used in high-temperature structural materials; notably lamp filaments.

TUV Rheinland - An international service group, TUV Rheinland documents the safety and quality of new and existing products, systems and services. www.tuv.com

Ultraviolet (UV) Radiation - Radiant energy in the range of about 100-380 nanometers (nm). For practical applications, the UV band is broken down further as follows:

- Ozone-producing — 180-220 nm
- Bactericidal (germicidal) — 220-300
- Erythema (skin reddening) — 280-320
- "Black" light — 320-400

The International Commission on Illumination (CIE) defines the UV band as UV-A (315-400 nm); UV-B (280-315 nm) and UV-C (100-280 nm).

Underwriter's Laboratory (UL) - A private organization which tests and lists electrical (and other) equipment for electrical and fire safety according to recognized UL and other standards. A UL listing is not an indication of overall performance. Lamps are not UL listed except for compact fluorescent and LED lamp assemblies - those with screw bases and built-in ballasts.

Voltage - A measurement of the electromotive force in an electrical circuit or device expressed in volts. Line voltage in the USA is 120V.

Watt - A unit of electrical power. Lamps are rated in watts to indicate the rate at which they consume energy.

Xenon - A noble gas used in lamps, typically Xenon lamps offer brighter, whiter light than standard incandescent.

For the LED Glossary, see Bulbrite's LED Catalog.

Incandescent (pg 14 - 62)

How it works: An electrical current enters the lamp through the electrical contact at the base which serves as a conductor. The lead wires carry the current to the filament, which is held up and away from the lamp by support wires. As the electrical current passes through the filament, the filament heats, causing it to glow to incandescence, producing light.

Usage:

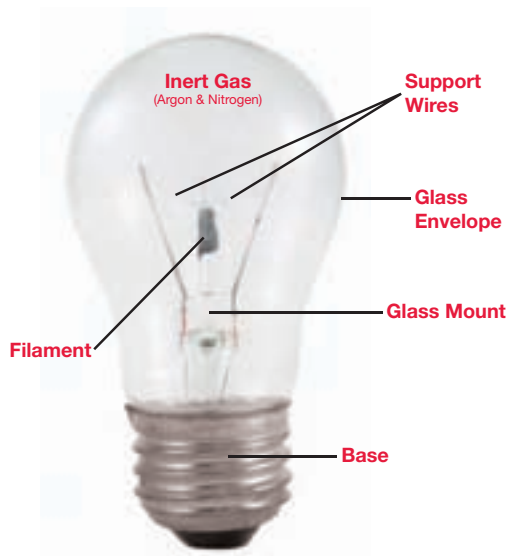
- A-shape:
Portable fixtures
- Reflector:
Recessed cans
- Globes: Vanity
- Decorative: Chandelier

Advantages:

- Low cost
- Versatile – available for most applications
- Excellent color rendering
- Warm light
- Fully dimmable – dimming saves energy and extends life

Disadvantages:

- Heat
- Inefficient – approximately 85% of the energy produced is lost in the form of heat
- Short life
- Sensitive to voltage fluctuations



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Halogen (pg 64 - 92)

How it works:

Light is produced similar to an incandescent with the addition of a Halogen Cycle (see diagram) to increase overall lamp efficiency.

Usage:

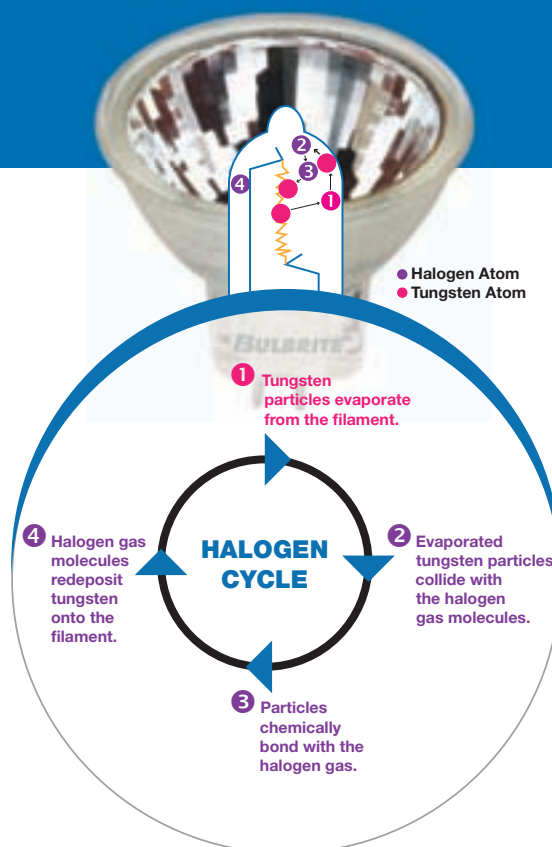
- Retail: Halogen PARs
- Museums & Art Galleries: Halogen MR16s
- Pendants: Halogen Bi-Pin

Advantages:

- Bright white light
- Long life
- Compact size
- Dimmable
- High color rendering index (CRI) = 100

Disadvantages:

- More costly than incandescents
- Heat
- High pressure gas – may require shield
- Cannot be touched with hands



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Krypton/Xenon (pg 94 - 102)

How it works: Krypton/Xenon lamps operate like Halogen but with Krypton/Xenon fill gas. These gases have an improved ability to capture evaporated tungsten (from the burning of the filament) to be re-deposited onto the filament.

Usage:

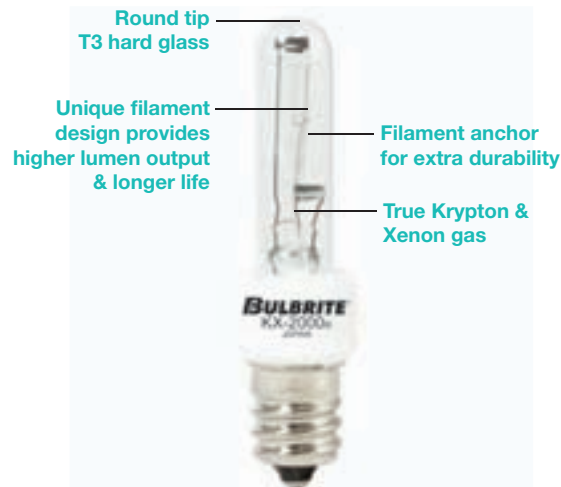
- Accent lighting
- Sign & Display
- Automotive lighting
- Landscape

Advantages:

- Brighter, whiter light
- Long life
- Equivalent light output at lower wattage
- High color rendering index (CRI) = 100
- Dimmable
- Xenon is a lower pressure gas than Krypton & Halogen

Disadvantages:

- More costly than standard incandescent



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Fluorescent & CFL (pg 104 - 138)

How it works: An electric arc passes between the cathodes. Interaction with the mercury inside of the lamp excites gases and produces radiant energy. Phosphor coating converts energy to visible light. CFLs produce light similar to linear fluorescents but use amalgam to increase performance.

Usage:

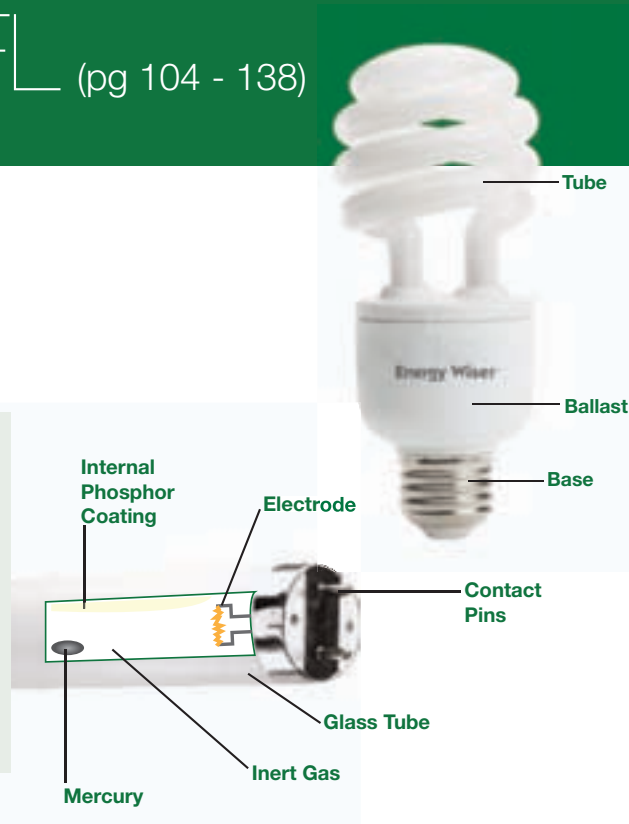
- Commercial & Industrial
- Sign & Display
- Ceiling Fixtures
- Outdoor/Security
- Portables
- Wall mount/Sconce

Advantages:

- Energy efficient
- High efficacy
- Good lumen maintenance
- Long life
- Wide range of shapes and sizes
- Easy retrofit
- Radiates little heat

Disadvantages:

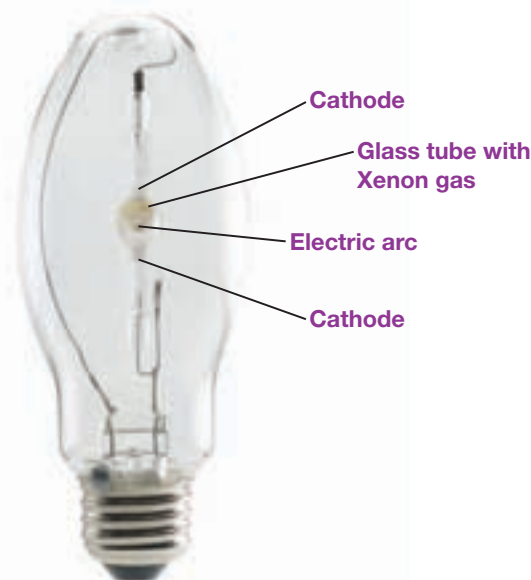
- More costly than standard incandescent
- Temperature sensitive
- Separate ballast (fluorescents)



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HID - High Intensity Discharge (pg 140 - 148)

How it works: An electric arc passes between cathodes in a pressurized tube causing metals, or halide compounds of metals, and other gases inside to produce optical radiation. The outer bulb may be coated with phosphor to improve color rendering by converting UV to visible light.



Usage:

- Commercial & Industrial
- Sign & Display
- Ceiling Fixtures
- Outdoor/Security
- Portables
- Wall mount/Sconce

Advantages:

- All-weather operation
- Low maintenance
- Long life

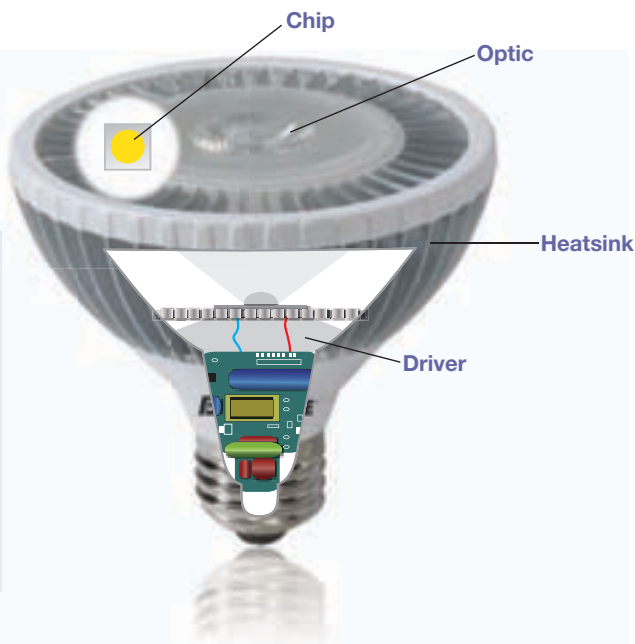
Disadvantages:

- Poor color
- Re-strike time
- Ballast required

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LED - Light Emitting Diode (See Bulbrite's LED Catalog)

How it works: A light emitting diode (LED) is a light source that becomes illuminated by the movement of electrons or an electrical current passing through a semiconductor material. An LED lamp is a complete light source package composed of 4 components: an LED chip, the driver, the heat sink and the optic.



Usage:

- Commercial & Industrial
- Sign & Display
- Ceiling Fixtures
- Outdoor/Security
- Portables
- Wall mount/Sconce

Advantages:

- Energy efficient – low energy consumption
- Environmentally friendly – no mercury
- Super long life – up to 50,000 hours
- No IR/UV emissions
- Durable
- Low maintenance costs

Disadvantages:

- High up-front cost
- Transformer compatibility
- Overheating causes reduced lamp life

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751555	157	752355	155	752695	156	755030	154	756215	155	761160	151	900038	179
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751565	157	752365	155	752705	157	755040	154	756240	155	761170	151		
752005	153	752370	155	752710	157	755045	154	756245	155	761175	151		
752010	153	752375	155	752715	157	755050	154	756255	155	761180	151		
752015	153	752380	155	752720	157	755055	154	756260	155	762010	151		

STANDARD WARRANTY TERMS AND CONDITIONS

Bulbrite is a leading manufacturer and supplier of innovative, energy-efficient light source solutions.

Committed to its customers' success for 40 years, Bulbrite is committed to providing innovative, high quality products, educating customers and consumers and delivering outstanding service. Bulbrite ensures the integrity of our full line of innovative, high performance and superior quality products by maintaining a high level of integrity in our product inspection process by implementing multiple check points throughout the manufacturing process and with our in-house state-of-the-art testing lab.

Bulbrite warrants its products to perform according to specifications and are free from defects in material, workmanship and title and to operate from the date of invoice (or date of manufacture if invoice date is not known or available) for the time periods specified for covered products and subject to the Terms and Conditions.

CFL 2 YEAR LIMITED WARRANTY

Bulbrite offers a 2 year limited warranty on compact fluorescent products (based on an average household use of 3 hours per day).

If a covered product fails within the specified warranty period, please contact:

Bulbrite Industries, Inc.
145 W. Commercial Avenue
Moonachie, NJ 07074
800.528.5555
info@bulbrite.com

Bulbrite reserves the right to examine all failed lamps and/or ballasts and reserves the right to be the sole judge as to whether any lamps and/or Bulbrite lighting products are defective and covered under this warranty. This product will be credited, repaired or replaced at Bulbrite's option and associated labor costs will not be covered. This warranty will not apply in the event of conditions demonstrating abnormal use or stress, improper storage or improper installation. The warranty is void if the product is not used for the intention which it was manufactured.

For additional information regarding proper operation of this lamp contact Bulbrite at: (800) 528 – 5555 or info@bulbrite.com

LIMITATION OF LIABILITY

THE FOREGOING WARRANTY CONSTITUTES BULBRITE'S EXCLUSIVE LIABILITY AND THE EXCLUSIVE REMEDY TO A CUSTOMER FOR ANY BREACH OF OR ANY OTHER NONCONFORMITY OF THE PRODUCTS COVERED BY THIS WARRANTY. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES. BULBRITE MAKES NO WARRANTY, EXPRESSED OR IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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THE BULBRITE PRODUCTS SOLD TO CUSTOMERS ARE INTENDED TO BE USED ONLY IN THE APPLICATION(S) SPECIFIED BY BULBRITE. ANY OTHER USE RENDERS THE WARRANTY EXPRESSED HEREIN AND ALL IMPLIED WARRANTIES NULL AND VOID AND SAME ARE HEREBY EXCLUDED.

UNDER NO CIRCUMSTANCES SHALL BULBRITE BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT, EXEMPLARY, SPECIAL OR OTHER DAMAGES WHETHER IN AN ACTION BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE) OR ANY OTHER LEGAL THEORY, ARISING OUT OF OR RELATED TO THE PRODUCTS SOLD TO CUSTOMER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR LOSS OF BUSINESS, EVEN IF BULBRITE IS APPRISED OF THE LIKELIHOOD OF SUCH DAMAGES OCCURRING.

Recycling Program

Become an Authorized Recycling Center

*Do your part...join Bulbrite to save the environment.
Order your recycling containers today!*



**Small CFL
Recycling Box**
RECYCLE/CFL



**4' Fluorescent
Recycling Box**
RECYCLE/TUBE



**2' U-Tube Fluorescent
Recycling Box**
RECYCLE/MISC



**5 Gallon CFL
Recycling Container**
RECYCLE/CONT

Package includes: box, poly liner bag, pre-paid shipping label to Complete Recycling Solutions for recycling and Certificate of Recycling. Not available in the states of Alaska, Maine, Hawaii or Puerto Rico.

Here is how it works:

1. Order the appropriate recycling box or container.
2. The recycling boxes will be shipped to your location with a return shipping label, a poly liner bag and instructions.
3. Once the box is full, tape it closed as instructed, fill out the supplied shipping label with your company's name and address.
4. Ship the box via FedEx Ground to Complete Recycling Solutions (CRS) for recycling.
5. Once CRS receives your box, you will be mailed a Certificate of Recycling. Call us at 800.528.5555 to reorder more boxes.

*Get a FREE Poster with an order of
3 or more recycling boxes
Item #900004*



Item #	Ordering Code	Description	Dimensions
795001	RECYCLE/CFL	Small Compact Fluorescent Recycling Box (Hold up to 15 CFLs)	6 1/2" X 6 1/2" X 7"
795002	RECYCLE/TUBE	4' Fluorescent Recycling Box (Holds up to 36 T-12s or 72 T-8s)	9 3/4" X 9 3/4" X 48"
795003	RECYCLE/MISC	2' U-Tube Fluorescent Recycling Box (Holds up to 24 T-12s or 48 T-8s)	18" X 18" X 24"
795004	RECYCLE/CONT	5 Gallon Compact Fluorescent Recycling Container (Holds up to 90 CFLs)	15 1/2" H X 12" DIA

We've got P.O.P!

Bulbrite is proud to offer a comprehensive line of customized, in-store, point-of-purchase displays for a variety of product lines.



The LED Desk Lamp floor display highlights the versatility and sleek, modern design of any of Bulbrite's LED Desk Lamps.

LED Desk Lamp Display

Item #900039

Ord. Code: LED DESK LAMP

Holds 4 LED desk lamps

Display Dimensions: 25" W x 73" H

See Bulbrite's LED catalog for our full line of LED Desk Lamps.





The Nostalgic counter display is designed to replicate a vintage suitcase and is perfectly suited to showcase any four lamps from Bulbrite's Nostalgic Collection.

Nostalgic Counter Display

Item #900031

Ord. Code: NOS-SUITCASE

Holds 4 Nostalgic lamps (E26 Base)

Display Dimensions: 11.5" W x 9.5" H x 4.5" D

See page 46-47 for our Nostalgic collection.



Bulbrite's versatile Half-Moon counter display features five E26 base sockets plus 2 candelabra adapters to display a wide assortment of lamps.

Half-Moon Counter Display

Item #900036

Ord. Code: MOON DISPLAY

Holds 5 E26 Base sockets with 2 Candelabra Adapters

Display Dimensions: 4.75" W x 7.75" H x 4.25" D

Designed to look like a tree, the EcoHalogen floor display effectively promotes the importance of EISA-compliant products in a consumer-friendly manner. (Includes 50 Bye Bye Bulb brochures.)

EcoHalogen Floor Display

Item #900038

Ord. Code: ECO-TREE DISPLAY

Holds 60 EcoHalogen 2-packs

Display Dimensions: 48" W x 66" H

See page 66-67 for our EcoHalogen series.





Established in 1971

Corporate Office & Distribution Center

145 West Commercial Ave
Moonachie, NJ 07074

P: 800-528-5555 • 201-531-5900

F: 800-441-7708 • 201-531-1217

info@bulbrite.com

Showroom & Educational Training Center

World Trade Mart #3351
2100 North Stemmons Freeway
Dallas, TX 75207

Southwest Distribution Center

1132 Valwood Parkway, Suite #100
Carrollton, TX 75006



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ITEM #900090

\$10.00

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