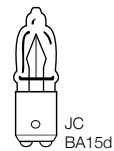
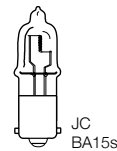
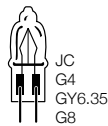
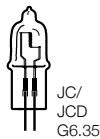
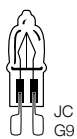


# HALOGEN LAMPS



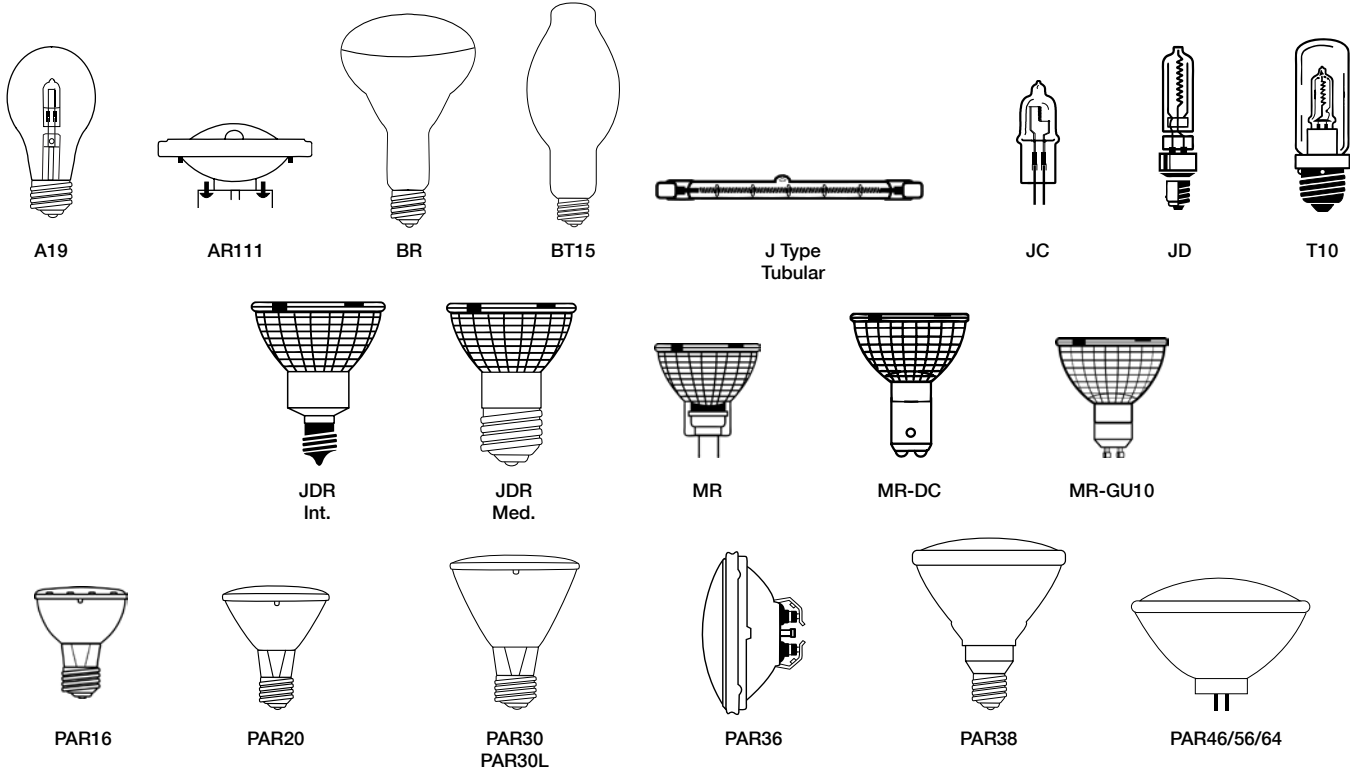
Bulb	Base	Product Number	Footnotes	Product Code	Description	Pkg. Qty.	Volts	Lumens	Color Temp	Avg. Life	Design Filament	MOL	Beam Spread
<b>PRISM &amp; HaloXen. JC Type</b>													
<b>5 WATT</b>													
T3	G4	107006	3	JC5	Clear	10/1000	12	60	2800	3000	C-8	1.18"	-
<b>10 WATT</b>													
T3	BA15s	147008	3	JC10/BA15S	Clear	10/1000	12	120	2800	3000	C-8	1.50"	-
		107944	2,3	JC10/BA15S/HX	Clear HaloXen®	10/1000	12	120	2850	10000	C-8	1.50"	-
	G4	107008	3	JC10	Clear	10/1000	12	120	2800	3000	C-8	1.18"	-
		107710	2,3	JC10/HX	Clear HaloXen®	10/1000	12	120	2850	10000	C-8	1.18"	-
		90002	3	JC10/X	Clear Xenon	10/500	12	120	2700	20000	C-8	1.18"	-
<b>20 WATT</b>													
T3	BA15s	147010	3	JC20/BA15S	Clear	10/1000	12	300	2800	3000	C-8	1.50"	-
		107718	2,3	JC20/BA15S/HX	Clear HaloXen®	10/1000	12	350	2900	10000	C-8	1.50"	-
	G4	107010	3	JC20	Clear	10/1000	12	300	2800	3000	C-8	1.18"	-
		107712	2,3	JC20/HX	Clear HaloXen®	10/1000	12	350	2900	10000	C-8	1.18"	-
		70922	2,3	JC20/24V/HX	Clear HaloXen®	10/1000	24	350	4100	5000	CC-6	1.25"	-
		90003	3	JC20/X	Clear Xenon	10/500	12	250	2700	10000	C-8	1.18"	-
T4	G6.35	107009	3	JC20/6.35	Clear	10/1000	12	300	2800	3000	C-8	1.65"	-
	GY6.35	107036	3	JCD20	Clear	10/500	130	180	2750	2000	CC-2	1.69"	-
	G8	107076	3	JCD20/G8	Clear	10/500	130	180	2750	2000	CC-2	1.69"	-
<b>25 WATT</b>													
T4	G9	71001	3	JCD25/G9	Clear	10/500	130	280	2650	2000	CC-2V	1.69"	-
		107902	3	JCD25FR/G9	Frost	10/500	130	280	2650	2000	CC-2V	1.69"	-
<b>35 WATT</b>													
T4	BA15d	147012	3	JC35/BA15D	Clear	10/1000	12	600	2850	3000	C-8	1.65"	-
		107720	X 3	JC35/BA15D/HX	Clear HaloXen®	10/1000	12	600	2900	10000	C-8	1.50"	-
	G4	107000	3	JC35/G4	Clear	10/1000	12	600	2850	3000	C-8	1.58"	-
	G6.35	107012	3	JC35	Clear	10/1000	12	600	2850	3000	C-8	1.58"	-
		107714	2,3	JC35/HX	Clear HaloXen®	10/1000	12	600	2900	10000	C-8	1.60"	-
	GY6.35	107011	3	JCD35	Clear	10/500	130	350	2800	2000	CC-2V	1.81"	-
	G8	107072	3	JCD35/G8	Clear	10/500	130	350	2800	2000	CC-2V	1.69"	-
<b>40 WATT</b>													
T4	G9	107906	3	JCD40/G9	Clear	10/500	130	480	2750	2000	CC-2V	1.69"	-
		107908	3	JCD40/FR/G9	Frost	10/500	130	450	2750	2000	CC-2V	1.69"	-
		107310	3	JCD40/FR/G9/120	Frost	10/1000	120	450	2800	2000	CC-2V	1.69"	-

Ⓔ Means this lamp meets Federal Minimum Efficiency standards.  
Halogen lamp symbols, footnotes and abbreviations are located on pages 131-133.

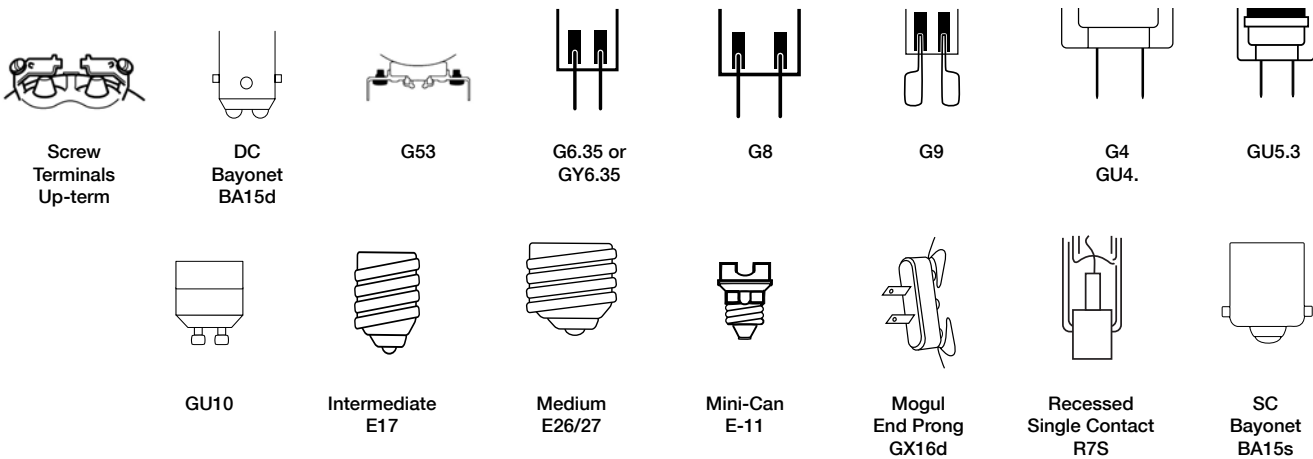
# HALOGEN LAMPS

## Bulb, Base and Filament Identification Guide

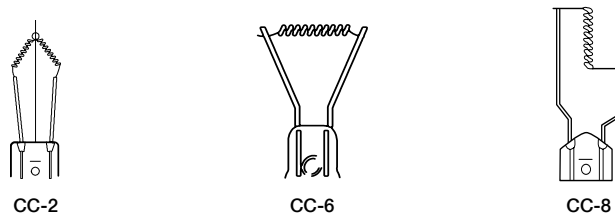
### Bulb Shapes



### Base Types



### Filament Types



CC indicates coiled-coil filament.

### SYMBOLS

†	New product introduced within the past year.
N	Nickel-plated brass base.
\$	Energy saving product.
ⓔ	This lamp meets Federal Minimum Efficiency standards.
X	Product will be discontinued when inventory is depleted.

### FOOTNOTES

1	Halogen PAR Caution: Before using bulb, see operating instructions on package. Adhering to these operating instructions will greatly reduce the risk of personal injury or fire. The halogen capsule contained inside this glass bulb operates under pressure, at high temperatures and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or surrounding area, creating a risk of personal injury or fire. Operating Instructions: Turn power off and let lamp cool before replacing or inspecting to avoid electrical shock or burn. For indoor and outdoor use. A weather-protected fixture is recommended for wet locations. Suitable for use in open fixtures. Do not exceed the fixture maximum wattage rating. Do not use if outer glass is scratched or broken. Lamp may continue to operate if outer glass breaks, however immediately discontinue use. Do not use in close proximity to combustible materials.
2	HaloXen® lamps operate under high temperatures. To avoid personal injury, turn power off and allow bulb to cool before attempting to handle. Do not use if the glass is scratched or broken. Do not use near flammable or combustible materials.
3	Do not touch capsule with bare hands. Oil from the skin may reduce performance unless wiped clean with alcohol and a soft cloth. CAUTION: THIS LAMP OPERATES UNDER PRESSURE AND COULD SHATTER. To avoid injury and to avoid exposure to ultraviolet radiation, this lamp should be used in a fixture with a protective shield or tempered glass. Provide adequate ventilation to avoid overheating and use in only fixtures rated for wattage stated on the package. To avoid risks of burns or other injury, turn power off and allow lamp to cool before replacing. Socket condition may affect lamp life. Inspect and replace socket if deterioration occurs.
4	Socket condition may affect lamp life. Inspect and replace socket if deterioration occurs.
5	This lamp should be shielded from moisture to prevent breakage.
6	Use only with heat-resistant connector and with lamp supported by bulb rim.
7	Use only in heat-resistant lamp holders and fixtures rated for reflector or PAR lamps.
8	Use outdoors only in enclosed fixtures or where lamp is protected from exposure to water. Use only in fixtures rated for this product.
9	Operate in a horizontal position only.

# HALOGEN LAMPS

## Symbols, Footnotes and Abbreviations

### ABBREVIATIONS

<b>/12V</b>	Suffix used to indicate 12 Volt lamps.
<b>/24V</b>	Suffix used to indicate 24 Volt lamps.
<b>/83mm</b>	Suffix used to indicate lamps with MOL of 83mm.
<b>/120</b>	Suffix used to indicate 120 Volt lamps.
<b>/130</b>	Suffix used to indicate 130 Volt lamps.
<b>/277V</b>	Suffix used to indicate 277 Volt lamps.
<b>/AL</b>	Suffix used to indicate lamps with an Aluminum Back reflector.
<b>/BA9s</b>	Suffix used to indicate lamps with a BA9s base.
<b>/BA15d</b>	Suffix used to indicate lamps with a BA15d base.
<b>/BA15s</b>	Suffix used to indicate lamps with a BA15s base.
<b>/BLK</b>	Suffix used to indicate lamps with a Black Back, coated reflector.
<b>/BLU</b>	Suffix used to indicate lamps with a Blue lens.
<b>CL</b>	Code abbreviation for lamps with a Clear finish.
<b>/CS</b>	Suffix used to indicate CoverShield® Safety Coated lamps.
<b>/DC</b>	Suffix used to indicate lamps with a DC (BA15d) base.
<b>FL</b>	Code abbreviation for Flood lamps.
<b>/FR</b>	Suffix used to indicate lamps with a Frost Finish.
<b>/G4</b>	Suffix used to indicate lamps with a G4 base.
<b>/G8</b>	Suffix used to indicate lamps with a G8 base.
<b>/G9</b>	Suffix used to indicate lamps with a G9 base.
<b>/GU10</b>	Suffix used to indicate lamps with a GU10 base.
<b>/GRN</b>	Suffix used to indicate lamps with a Green lens.
<b>/H</b>	Suffix used to indicate Halogen lamps.
<b>HP</b>	Code abbreviation for Halogen PAR lamps.
<b>/HX</b>	Suffix used to indicate HaloXen® lamps.

### ABBREVIATIONS

<b>INT</b>	Code abbreviation for Intermediate (E17) base.
<b>L</b>	Code abbreviation for PAR30 lamps with a long neck.
<b>/L</b>	Suffix used to indicate lamps with a lens.
<b>LM</b>	Code abbreviation for lumens.
<b>/MC</b>	Suffix used to indicate lamps Mini-Candelabra (E11) base.
<b>NFL</b>	Code abbreviation for Narrow Flood lamps.
<b>/M</b>	Suffix used to indicate Major brand lamps (GE, Philips, Osram/Sylvania).
<b>MED</b>	Code abbreviation for lamps with a Medium (E26/27) base.
<b>NSP</b>	Code abbreviation for Narrow Spot lamps.
<b>Q</b>	Code abbreviation to indicate Quartz Halogen.
<b>/RED</b>	Suffix used to indicate lamps with a Red lens.
<b>/S</b>	Suffix used to indicate Silver PAR HaloXen® lamps.
<b>/SC</b>	Suffix used to indicate Prism® SureColor® lamps.
<b>/SIL</b>	Suffix used to indicate lamps with a Silver Back, coated reflector.
<b>SP</b>	Code abbreviation for Spot lamps.
<b>/SW</b>	Suffix used to indicate lamps with a Soft White finish.
<b>/TL</b>	Suffix used to indicate lamps with a Twist Lock base (BA15d).
<b>/U</b>	Suffix used to indicate Prism® Ultra Life® 12,000 hour lamps.
<b>VNSP</b>	Code abbreviation for Very Narrow Spot lamps.
<b>W</b>	Code abbreviation for Wide Flood lamps.
<b>WFL</b>	Code abbreviation for Wide Flood lamps.
<b>/X</b>	Suffix used to indicate Xenon lamps.
<b>/YEL</b>	Suffix used to indicate lamps with a Yellow finish.
<b>/XIR</b>	Suffix used to indicate Halogen Infrared lamps.