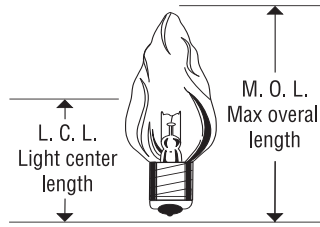


BULB IDENTIFICATION

Light Center Length (L.C.L.) is the distance from the center of the light source to the following point for the base used: Screw bases...bottom base contact; Bayonet candelabra and medium bayonet...top of base pins.



Bulb size - Max. Diameter (Divide by 8)

A-21 - $21/8 = 2\ 5/8"$ Dia.

G-40 - $40/8 = 5"$ Dia.

T-12 - $12/8 = 1\ 1/2"$ Dia.

PS-30 - $30/8 = 3\ 3/4"$ Dia.

BASE IDENTIFICATION

Typical bases are shown. One lead-in wire is soldered to the center contact and the other soldered or welded to the upper rim of the base shell. Base shells are typically made of brass or aluminum. ANSI designations are in parentheses.



Candelabra cand. (E12)



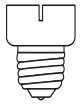
Intermediate Inter. (E17)



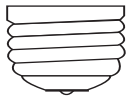
Medium (E26) & Medium Brass (E26)



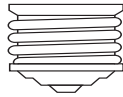
3 Contact Medium 3 C Med (E26D)



Medium Skirted Med. Skirt (E26/50x39)



Mogul Screw



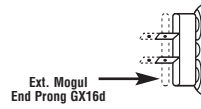
3 Contact Mogul



Double Contact Bayonet D.C. Bay (BA15D)

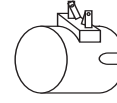


S14s



Ext. Mogul End Prong GX16d

Mogul End Prong



Med Side Pr.



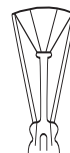
Screw Terminal G53

FILAMENT IDENTIFICATION

A FILAMENT designation consists of a prefix letter to indicate whether the wire is straight or coiled, and a number to indicate the arrangement of the filament on the supports. Prefix letters include: C (coiled) --wire is wound into a helical coil or it may be deeply fluted; CC (coiled coil)--wire is wound into a helical coil and this coiled wire again wound into a helical coil.



C-8
CC-8



C-9
CC-9



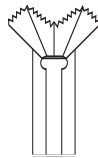
C-6
CC-6



C-2V
CC-2V



C-7A
CC-7A



C-11V



C-11
CC-11



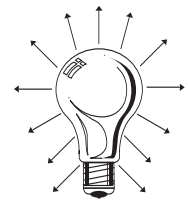
C-5



C-2R

ADDITIONAL INFORMATION

Lamps Listed 115-125 volts (design voltage 120), 120-130 volts (design voltage 125), 125-130 volts (design voltage 130) and 230-250 volts (design voltage 240) are intended for use on circuits normally varying within these voltage limits.



LUMENS
total lamp light output



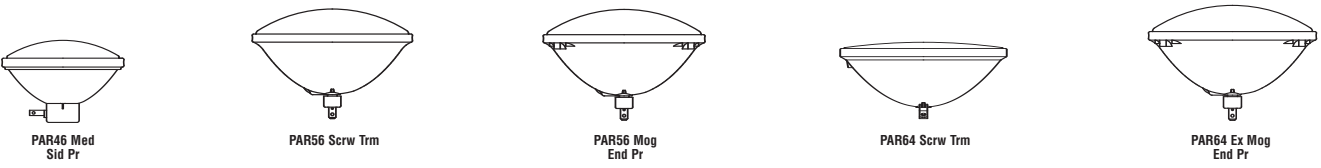
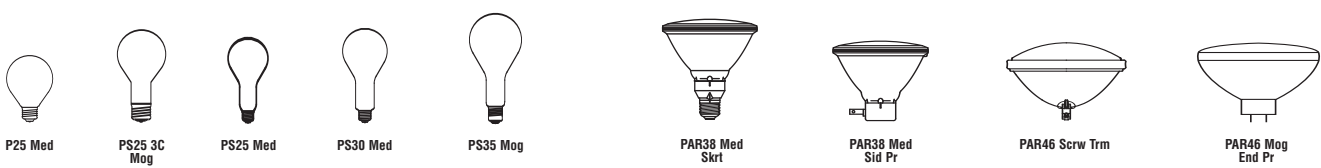
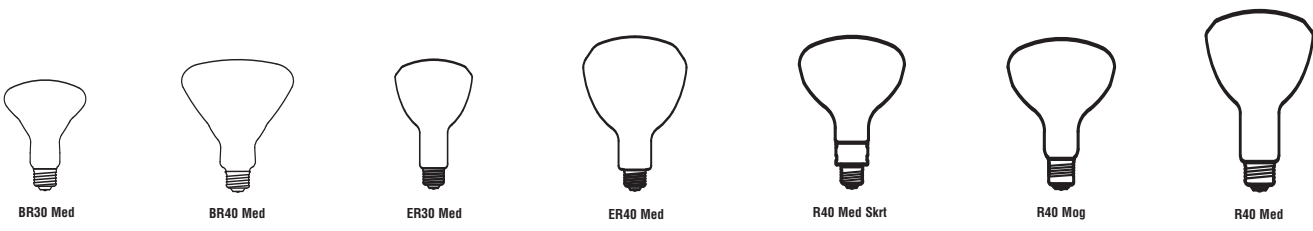
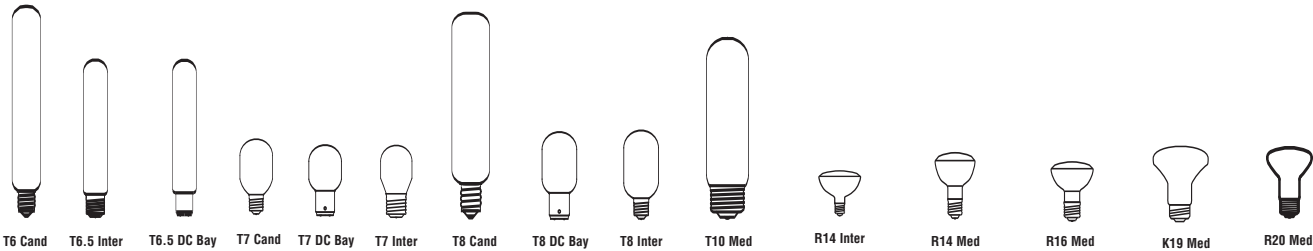
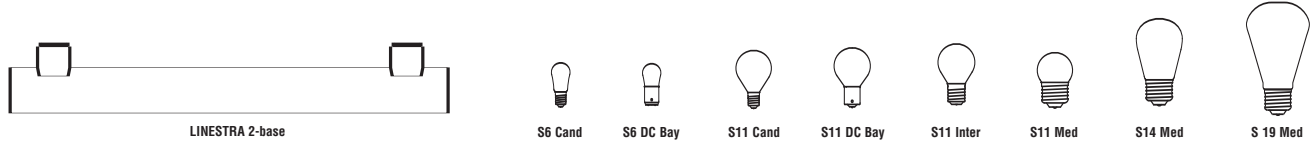
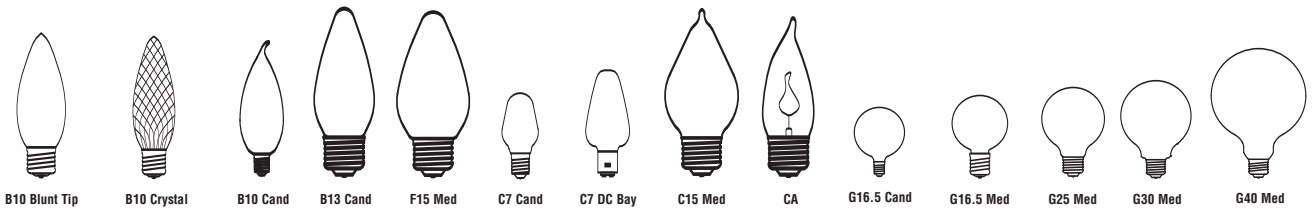
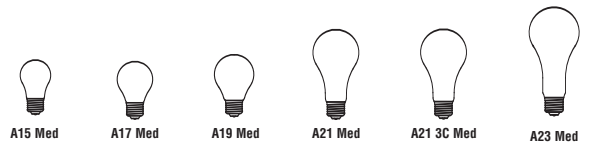
Candle Power
Cp = Ray of Light in one direction
Fc = $\frac{\text{Max Beam Cp}}{D^2}$

Finishes

W or SW - Soft White
DAY - Daylight®
Y - Yellow
B - Blue
R - Red
G - Green
A - Amber
IC - Iridescent clear
FL - Flood
SP - Spot
IF - Inside frost
AIC - Amber iridescent clear

INCANDESCENT LAMP SHAPES

A bulb designation consists of a letter(s) to indicate the shape and a figure(s) to indicate the approximate major diameter in eighths of an inch. For example, an F-15 bulb is a flame-shape, 15/8 of an inch or 1-7/8 inches in diameter.



HOW TO READ PRODUCT INFORMATION - INCANDESCENT

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life (hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
Bulb			Describes the shape of the envelope followed by the lamp's major diameter given in eighths of an inch. See page 4: Incandescent Lamps.										
Base			See page 3: Base Identification.										
Symbols & Footnotes			All symbols and footnotes that apply to a specific product will appear in this space. The explanations of the symbols and foot notes are at the end of the incandescent section.										
Ordering Abbreviation			A text description of the lamp. See below for several examples and explanations of some of the codes.										
Class & Filament			The class is either B (vacuum) or C (gas filled). The filament designation describes the shape and mount structure of the filament. See page 3: Filament Identification.										
Lumens, Beam Angle, CBCP			This column may contain data for any of these values. Lumen values are followed by the designation 'lm'. Beam angles are indicated by either a '°' or the designation 'V x H' for non-symmetric beams. CBCP values are followed by the designation 'cd'.										

HOW TO READ ORDERING ABBREVIATIONS

40B10C/CRYSTAL/DL/BL/2PK		60A/DL/SW/2PK/RP		65BR30/DL/FL/RP	
40	Nominal lamp wattage	60	Nominal lamp wattage	65	Nominal lamp wattage
B	Bulb shape	A	Bulb shape	BR	Bulb shape
10	Bulb size in 8th's of an inch	DL	Double life lamp	30	Bulb size in 8th's of an inch
C	Candelabra base	SW	Soft white	DL	Double life lamp
CRYSTAL	Crystal texture on bulb glass	2PK	2 lamps per package	FL	Flood beam pattern
DL	Double Life Lamp	RP	Retail pack	RP	Retail pack
BL	Blister pack				
2PK	2 lamps per package				

INCANDESCENT BRAND NAME GUIDE

NOTE: These tables are intended only as a guide and may represent another lamp company's closest competitive type rather than an identical match. Individual manufacturers' performance values should be consulted. Environmental conditions, ballast type, and other auxiliary equipment may affect lamp performance.

INCANDESCENT

SYLVANIA	GE*	PHILIPS**
Bug-Light	Bug-Lite	Bug-A-Way
Double Life	Long Life	Dura-Max
Double Life Soft White	Long Life Soft White	Dura-Max Soft White
Daylight®	Reveal	Natural
ellogic™	-	-
Energy Saver Soft White	Soft White Miser	Econo-o-Watt
EXCEL-LINE®	Extended Service	Extended Service
LINESTRA®	Lumiline	
RHINO COAT® SAFELINE®	COV-R-GUARD	Silicone Coated
Rough Service		Rough Service
Rough Service XL	Survivor	
Soft Pink	Soft Pink	Softone Pastels
Spot-GRO®	House Garden - Plant Light	Agro-Lite
SUPERSAVER®	Watt-Miser	Econo-o-Watt
SUPERSAVER EXCEL-LINE	Watt-Miser Plus	Extended Service
SUPERSAVER PAR	Watt-Miser PAR	Econo-o-PAR

*Trademark and or registered trademark of General Electric Company. **Trademark and or registered trademark of Philips.

MINIATURE & AUTOMOTIVE LAMPS

Ordering Abbreviation	Product Number	Bulb	Base	Avg Rated Life (hrs)	Approx Lumens	Amps	Design Voltage (V)	Pkg Qty	MOL (in)	Footnotes
912	35869	T5	W2.1x9.2D	1000	150.8	1	13	500	1.49	
918	35923	T5	W2.1x9.2D	500	81.62	0.54	13	500	1.49	
918/2PK/RP 13V	35921	T5	W2.1x9.2D	500	81.68	0.54	13	12	1.49	
93	34311	S8	SC Bayonet	700	188.5	1.04	13	1000	2	
93BL2PK 13V	16810	S8	SC Bayonet	700	188.49	1.04	13	24	1.8	
94	34337	S8	DC Bayonet	700	187.87	1.04	13	1000	2	
NE51 B1A	32427	T3.25	Mini Bayonet	25000		0.3	105	1000		11
NE51H B2A	32429	T3.25	Mini Bayonet	25000		1.2	105	1000		11
PR12	38931	B3.5	SC Mini Flanged	15	37.69	0.5	6	1000	1 1/4	
PR13	38939	B3.5	SC Mini Flanged	15	25.13	0.5	5	1000	1 1/4	
PR2	38891	B3.5	SC Mini Flanged	15	10.05	0.5	2	1000	1 1/4	
PR3	38901	B3.5	SC Mini Flanged	15	18.84	0.5	4	1000	1 1/4	
PR4	38911	B3.5	SC Mini Flanged	10	5.02	0.27	2	1000	1 1/4	
PR6	38917	B3.5	SC Mini Flanged	30	5.65	0.3	2	1000	1 1/4	
SM2A PCS 30096	32249	T2	Solder Lugs					500	1.2	2,12,13

FOOTNOTES FOR MINIATURE LAMPS

Footnote	Description
1	MOL = Excluding pins.
2	Socket dimensions front to panel to end of terminals.
3	UL File No. E31557(M) CSA File No.LR20904
4	Universal lamp housings for T2.5 and T3.25 miniature bayonet based lamps.
5	Universal lamp housings for T2 slide based pilot lamps.
6	UL File No. E31557(M) CSA File No.LR20904
7	Caution: Operates under pressure and may shatter. Use appropriate techniques to protect people and surroundings. Do not operate in close proximity to persons, combustible materials, or substances affected by heat or drying. Do not operate over 110% rated voltage because such operation increases pressure and lamps' tendency to shatter. Ultraviolet output may cause skin and eye irritation with prolonged exposure. Protect bulb from abrasions and scratches. Do not insert lamps when power is on. Follow operating instructions.
8	ECE Approved
9	Lamp Life B3 @ 13.2 volts.
10	There are two distinctively different lamps with this part number. When ordering T-1 3/4 , #7327, please also specify category and base type. S-11. #7327 discontinued.
11	Material : Black Phenolic
12	MIL-Std. 18236 B-MIL Std. 202B
13	Material : Plastic