

SYLVANIA

U.S.
Lighting

GTE

large lamp catalog

The best investments around aren't sold on Wall Street.

In fact, most people on Wall Street probably don't even consider them investments.

But they should. And so should you.

Because these investments not only give you a high return on your money. They guarantee it.

They're energy-saving Sylvania lamps. And they prove that the cheapest lamp isn't necessarily the least expensive.

Take our Sylvania SuperSaver® fluorescent lamp for example. It costs more than the standard 40-watt fluorescent lamp, but uses 7 watts less. At the national average electric rate of 8 cents per kilowatt hour, the SuperSaver cuts energy costs by \$11.20 over the operating life of the lamp.

These savings in energy costs result in a 173% annual return on your incremental investment. Even if the standard

lamp were *free*, you'd be losing more than \$8.00 by not switching to a SuperSaver fluorescent.

ROI varies from lamp to lamp. But any of our exclusive energy-saving Sylvania fluorescents, incandescents and H.I.D. lamps give you a better return than stocks, bonds, and other conventional investments.

So if you're looking for a great return for your money, why look on Wall Street?

SYLVANIA

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Ordering Information

1. Lamps should be ordered by abbreviations and Sylvania item number, plus the specific voltages desired. Ordering abbreviations which are complete without voltage include series lamps listed by lumens and amperes, Blacklight, Fluorescent, H.I.D., and Germicidal Lamps.

2. Technical Data in this Schedule (life, lumens, voltage, etc.) are subject to manufacturer's tolerances. Current performance characteristics are published in Engineering Bulletins which are available from your Sylvania Sales Representative.

3. 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.

4. Proper Auxiliary Equipment must be used with Sylvania Blacklight, Fluorescent, H.I.D. and Germicidal Lamps to produce rated electrical values. For these types, the wattages are approximate: for total, add auxiliary watts. To obtain Blacklight from Mercury Lamps, an auxiliary glass filter is required. Not available from Sylvania.

SYLVIA Lighting Audits

Sylvania Information Analyses consist of computer programs that can help you get the most out of your lighting system. All are available without charge to lamp users. SYLVIA Lighting Audits can help you analyze existing systems or systems you are planning, and recommend ways you can improve lighting efficiency and reduce energy costs.

Four major programs are available:

• **Economic Analysis** — This program analyzes and compares up to three lighting systems at the same time. Labor, fixtures, wiring distribution, lamps and energy costs are all taken into consideration in determining the most economical system for the application.

• **Relamping Analysis** — Compares the costs and effects of spot relamping against group relamping to determine the most effective lighting maintenance plan.

• **RENA** — Sylvania's **Relight Energy Analysis** program demonstrates in dollars and cents the advantages of replacing ordinary standard lamps with energy-saving lamps. RENA also shows the impact that light sources have on your heating and air conditioning costs.

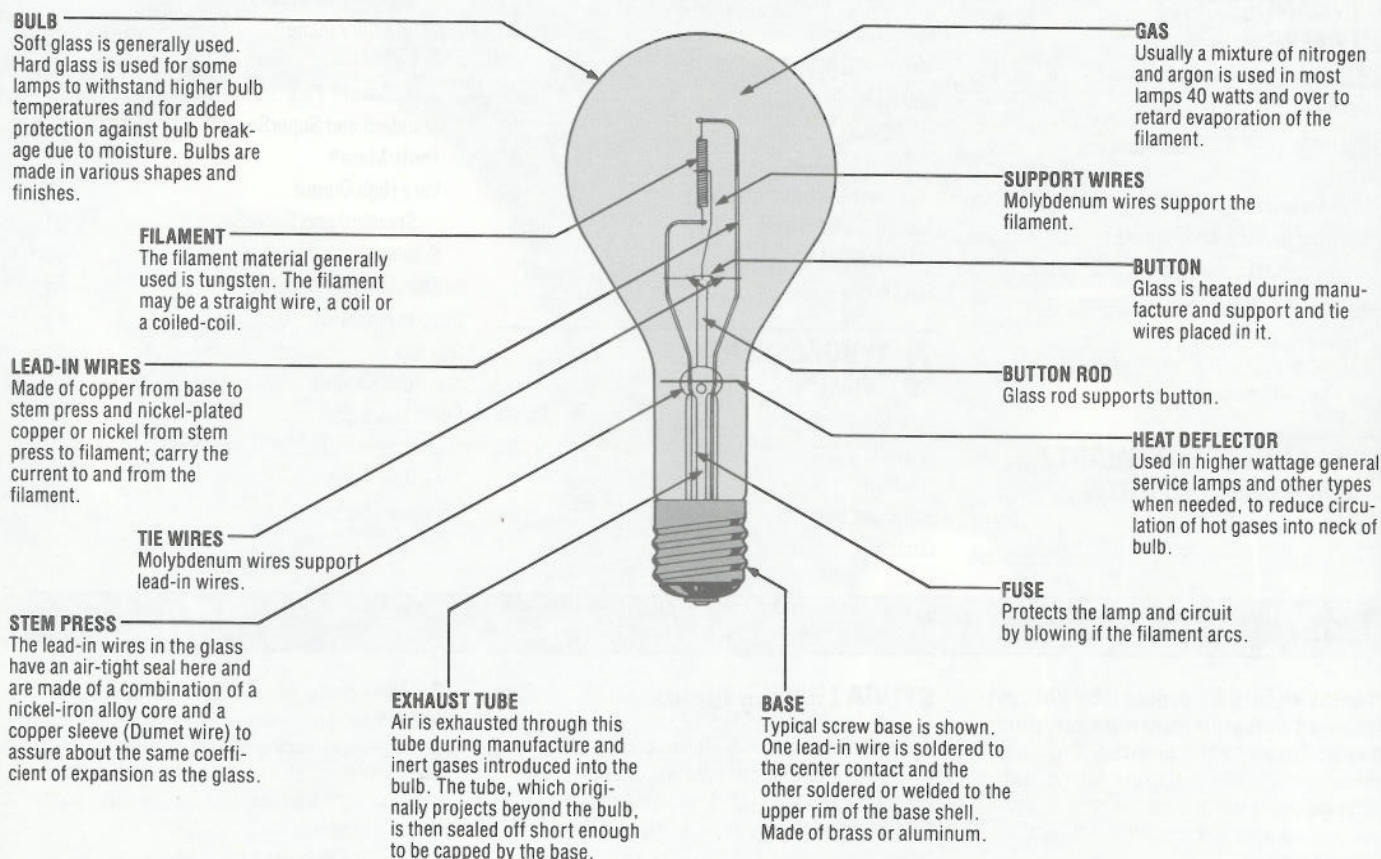
• **Life Cycle Cost (LCC)** — This Sylvania program evaluates labor, power and lamp costs in terms of the amount of light received. The Life Cycle Cost program analyzes lamp life and lumen output, and provides the number of lumen-hours received from each system analyzed.

• **ROI Analysis** — Your lighting represents an important investment. This SYLVIA Program will tell you the annual Return On Investment (as a percentage) that Sylvania energy-saving lamps will give you based on their additional cost.

For more information about SYLVIA Lighting Audits and how they can help you get the most for your lighting dollar, call your Sylvania Lamp Distributor or your nearest Sylvania Sales Office.

Sylvania: The Leader In Energy-Saving Incandescent Lamps

The incandescent lamp consists of a wire filament on a suitable mount enclosed on a glass bulb containing a gas or a vacuum. When the lamp is connected to an electrical circuit, the electric current passing through the filament wire must overcome its resistance, and the power consumed heats the filament to incandescence (causes it to glow).



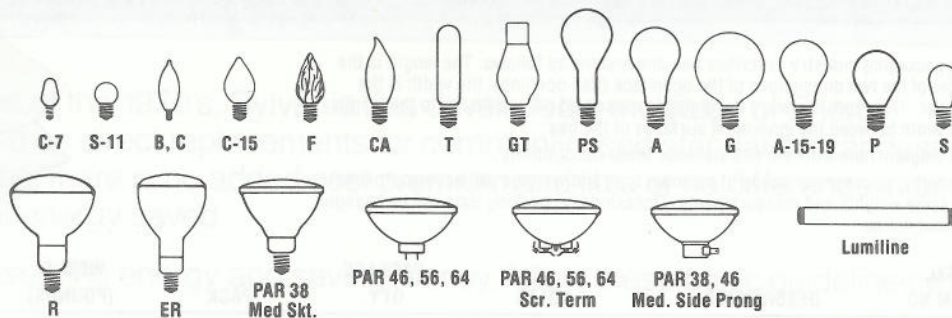
How to Read Ordering Guide

Ordering Abbreviation				Volts	Indicates aluminum base	Filament Code	Approx. Lumens	(M.O.L.) Max. Overall Length
25	A-15	Med.	10125	115-125	120	Inside Frosted, Refrig.	1100	2 3/8
	A-17	Med.	10417	75	120	I.F. Train, Rough Service	1000	2 3/8
	A-19	Med.	10443	6	120	Inside Frosted ¹¹⁷	1000	2 1/2
								3 1/16

WATTS	BULB	BASE	One NAED code # for each lamp	25 — Lamp Nominal Wattage	A — A shape	17 — 1 7/8" = 2 1/8" Diameter	RS — Rough Service	Package Quantity	Description	footnotes	Class C - denotes gas filled bulb.	Class B - denotes vacuum lamp.	Average Rated Hours Life	(L.C.L.) Light Center Length
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Incandescent Lamps

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. Bulbs are measured through their greatest diameter, in eighths of an inch. Thus, a F-15 bulb is a flame shape, 15/8 of an inch or 1-7/8 inches in diameter.

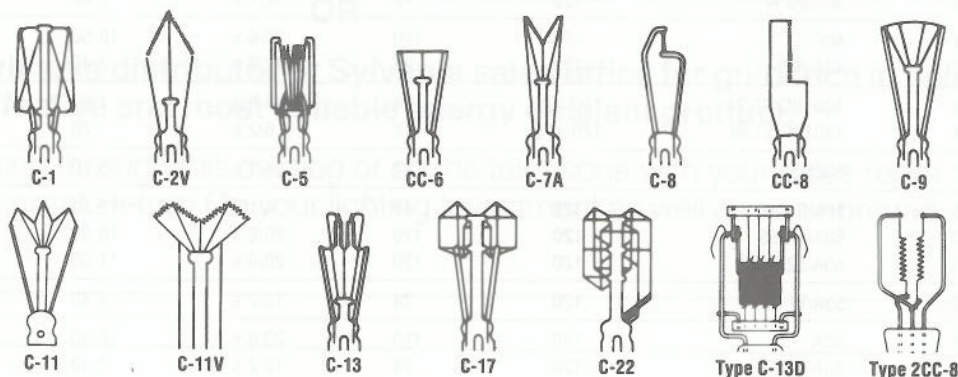


Incandescent Tungsten Halogen & Quartz Lamps



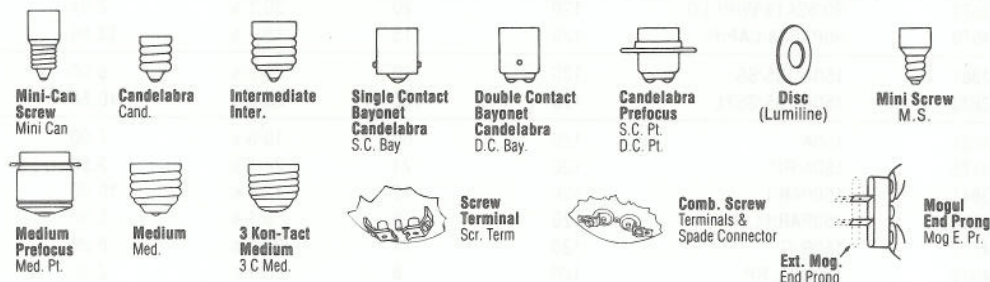
Filaments

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: S (straight) — wire is straight or slightly corrugated; 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.



Bases

Typical screw base is 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. Made of brass or aluminum.



Bulb size - Max. Diameter (Divide by 8)

$$A-21 - \frac{21}{8} = 2\frac{5}{8} \text{ Dia.}$$

$$G-40 - \frac{40}{8} = 5 \text{ Dia.}$$

$$T-12 - \frac{12}{8} = 1\frac{1}{2} \text{ Dia.}$$

$$PS-30 - \frac{30}{8} = 3\text{--}3\frac{3}{4} \text{ Dia.}$$

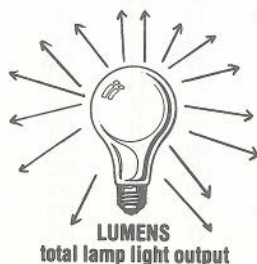
Finishes
W - white
Y - yellow
B - blue
R - red
G - green
A - amber
IC - iridescent clear
FL - flood
SP - spot
IF - inside frost
PP - pre-priced
BL - blister
AIC - amber iridescent clear
SPK - soft pink
BDT - blue dot

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.

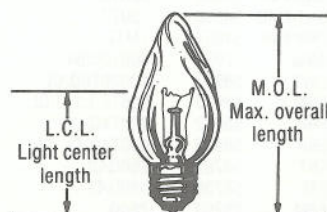
Light Center Length (L.C.L.) is the average measurement for which the lamp is designed, subject to manufacturing tolerances. The light center length is the distance from the center of light source to the following point for the base used: Screw bases...bottom base contact; Bayonet

candelabra and medium bayonet...top of base pins; Medium and Mogul Prefocus...top of base pin; S.C. or D.C. Prefocus - Plane of locating Bosses of Prefocusing Collar.

Class B denotes vacuum lamp. **C** denotes gas filled lamp.



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

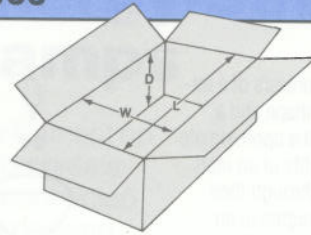


Weights & Measures of Popular Incandescent Types

The packaging industry describes box dimensions as follows: The length is the larger of the two dimensions of the open face (flap opening); the width is the smaller. The depth is always the distance measured perpendicular to the length and width between the innermost surfaces of the box.

The diagram here will help you visualize these descriptions.

Generally, packages of lamps of a similar type and wattage will have approximately the same weights and measurements. Occasionally, packing data will be changed without notice.



SYL. ITEM NO.	DESCRIPTION	VOLTS	PACKAGE QTY.	PACK	WEIGHT (POUNDS)	CUBE (FEET)	DIMENSIONS (L x W x D)
16960	6S6	120	120	12/10's	1.90	.250	11.80 x 6.40 x 5.70
13608	7C7	115-125	120	12/10's	2.10	.271	13.00 x 6.40 x 5.70
13543	7C7/BL	115-125	24	12/2's	.60	.083	6.25 x 3.63 x 6.00
13821	25F/IC/BL	120-125	12	6/2's	1.70	.287	7.88 x 5.19 x 11.75
13815	25F/IC/4M	120	24	24/1's	2.75	.406	12.75 x 9.00 x 5.75
13453	25B10C/W/BL	120-125	12	6/2's	.70	.128	6.31 x 4.31 x 8.12
19385	30/100/W	120	12	12/1's	2.00	.474	13.00 x 8.80 x 6.50
11024	40A	120	120	20/6's	10.50	2.037	16.10 x 9.60 x 21.60
11010	40A/RP	120	24	12/2's	2.40	.310	9.81 x 4.69 x 11.50
13490	40B10C/ST/24	120-125	24	4/6's	1.00	.156	8.50 x 5.75 x 5.00
13458	49B10C/ST/BL	120-125	12	6/2's	.70	.128	6.31 x 4.31 x 8.12
15102	50ER30	120	24	24/1's	6.10	1.556	15.80 x 12.00 x 14.10
18915	50MB/CAP	120	40	4/10's	12.50	.790	1.06 x .89 x .84
12350	60A/52/SS	120	120	20/6's	10.50	2.037	16.10 x 9.60 x 21.60
11000	60A/52/SSXL	120	120	20/6's	11.00	2.037	16.13 x 9.63 x 21.63
12200	55A/W/EP	120	24	12/2's	2.40	.414	10.75 x 5.00 x 12.50
10476	60A	120	120	20/6's	10.50	2.037	16.10 x 9.60 x 21.60
11214	60A/RP	120	24	12/2's	2.40	.310	9.81 x 4.69 x 11.50
11720	60A/W/128/RP	120	128	64/2's	12.40	1.760	15.69 x 10.44 x 18.75
12574	90/52A19/W/HI-LO	120	20	20/1's	2.54	.350	12.88 x 10.51 x 4.88
14579	90PAR38/CAP/FL	120	15	15/1's	13.60	1.192	14.25 x 6.25 x 23.13
12861	150A/135/SS	120	60	30/2's	6.60	1.563	18.00 x 15.00 x 10.00
12830	150A/135/SSXL	120	120	20/6's	10.50	2.037	16.10 x 9.60 x 21.60
13131	150A	120	60	10/6's	7.00	1.653	16.75 x 14.00 x 12.00
13175	150A/RP	120	24	24/1's	3.50	.778	16.50 x 11.50 x 6.75
13841	150PAR/L	120	12	12/1's	10.80	.964	14.13 x 6.25 x 18.88
15516	150PAR/FL/RP	120	6	6/1's	5.50	.486	9.69 x 6.25 x 14.38
14773	150R/FL	120	24	24/1's	8.20	2.917	20.70 x 16.00 x 15.25
14876	150R/FL/RP	120	6	6/1's	2.20	.810	15.88 x 10.75 x 7.88
13103	200A/W1/RP	120	12	12/1's	2.00	.474	13.00 x 8.88 x 6.50

ANSI Code Reference Guide

ANSI CODE	SYLVANIA ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	PAGE	ANSI CODE	SYLVANIA ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	PAGE	ANSI CODE	SYLVANIA ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	PAGE
BAB	58788	20MR16/Q/FL	12	55	ESP	58742	150Q/CL/DC/1	120	54	EYP	58776	42MR16/Q/FL	12	55
DEB	17924	500T12/8	120	45	ESR	58755	100Q/CL/DC	120	54	EYR	58780	42MR16/Q/NSP	12	55
DNS/FMC	54655	500T6	120	53	ESS	58720	250Q/CL/DC	120	54	EYS	58778	42MR16/Q/SP	12	55
DNT/FMD	54658	750T7	120	53	ESX	58784	20MR16/Q/NSP	12	55	EYT	58769	750Q/CL	120	55
DNV/FME	54657	1MT7	120	53	ETB	58753	250Q/DC	120	55	EYV	58768	500Q	130	55
DNW	17932	500T20/64	120	45	ETC	58741	150Q/CL/DC	120	54	EYW	58756	500Q/CL	130	55
DWT	58937	10000T6Q/CL	120	53	ETD	58757	100Q/DC	120	54	EYX	58767	500Q	120	55
EHM	58923	300T2 1/2 Q/CL	120	53	ETF	58737	150Q/DC	120	54	EZX	58845	20MR16/Q/VNSP	12	55
EHP	58942	300T4Q/CL	120	53	ETG	58735	150Q/CL/2	120	54	EZY	58847	42MR16/Q/VNSP	12	55
EHR	58936	400T4Q/CL	120	53	ETH	58736	150Q	120	54	FCL	58856	500T3Q/CL	120	53
EHT	58762	250Q/CL	120	54	EVR	58766	500Q/CL	120	55	FCZ	58883	500T3Q	120	53
ESL	58738	150Q/CL	120	54	EXN	58823	50MR16/Q/FL	12	56	FPA	58836	65MR16/Q/FL	12	56
ESM	58763	250Q	120	54	EXT	58828	50MR16/Q/NSP	12	56	FPB	58840	65MR16/Q/NSP	12	56
ESN	58761	100Q/CL	120	54	EXZ	58830	50MR16/Q/NFL	12	56	FPC	58853	65MR16/Q/MFL	12	56

Incandescent and Tungsten Halogen Product Guidelines

Since the energy shortages of the 1970's, Sylvania has developed a multitude of Energy Savings Products, designed as direct replacements for commonly used standard incandescent products. In many instances, there is no added cost premium and little or no difference in performance for the amount of energy saved.

If you are interested in conserving energy and saving money, follow these basic guidelines when purchasing lamps:

1. **Reference your current lamp type in this catalog.**
2. **Determine if an Energy Saving equivalent is available for the lamp type currently in use, or substitute a similar product offering acceptable performance at a reduced wattage.**

OR

3. **Call your nearest Sylvania distributor or Sylvania sales office for guidance in selecting the most cost effective and most suitable energy efficient product.**

A few minutes spent looking through this catalog or on the telephone with your sales representative, could result in a great Return On your lighting Investment as well as an improved lighting system.

Notes

Watts	Bulb	Base	VENDOR ID NO.		Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			DCI 046135 UPC 46135	Syl. Item No.									
3	S-6	Cand.	16757	3S6/5		120	240	Clear, Indicator	B, C-7A	3000	12		1 7/8
			16758	3S6/5		125	240	Clear, Indicator	B, C-7A	3000	12		1 7/8
			16759	3S6/5		130	240	Clear, Indicator	B, C-7A	3000	12		1 7/8
4	C-7	Cand.	13542	4C7/BL		115-125	24	•Clear, Blister Pack	B, C-9	3000	22		2 1/8
6	S-6	Cand.	16926	6S6		6	120	•Clear, Indicator	C, C-2R	1500	58		1 7/8
			16927	6S6		12	120	•Clear, Indicator	B, C-2R	1500	47		1 7/8
			16928	6S6		18	120	•Clear, Indicator	B, C-2R	1500	48		1 7/8
			16929	6S6		24	120	•Clear, Indicator	B, C-7A	1500	52		1 7/8
			16930	6S6		30	120	•Train and Country Home	B, C-7A	1500	50		1 7/8
			16931	6S6		32	120	•Clear, Train	B, C-7A	1500	50		1 7/8
			16957	6S6		48	120	•Clear, Indicator	B, C-7A	1500	49		1 7/8
			16958	6S6		60	120	•Clear, Train	B, C-7A	1500	48		1 7/8
			16963	6S6		75	120	•Clear, Train	B, C-7A	1500	47		1 7/8
			16959	6S6		115	120	•Clear, Indicator®	B, C-7A	1500	41		1 7/8
			16960	6S6		120	120	•Clear, Indicator®	B, C-7A	1500	41		1 7/8
			16937	6S6		125	120	•Clear, Indicator®	B, C-7A	1500	41		1 7/8
			16938	6S6		130	120	•Clear, Indicator®	B, C-7A	1500	41		1 7/8
			16941	6S6		135	120	•Clear, Indicator	B, C-7A	1500	37		1 7/8
			16942	6S6		145	120	•Clear, Indicator	B, C-7A	1500	37		1 7/8
			16943	6S6		155	120	•Clear, Indicator	B, C-7A	1500	37		1 7/8
			16947	6S6/B		32	120	•Blue, Train	B, C-7A	1500	37		1 7/8
			16954	6S6/G		115-125	120	•Green, Indicator	B, C-7A	1500	37		1 7/8
			16951	6S6/R		30	120	•Red, Train	B, C-7A	1500	37		1 7/8
			16948	6S6/R		115-125	120	•Red, Indicator	B, C-7A	1500	37		1 7/8
			16949	6S6/R		130	120	•Red, Indicator	B, C-7A	1500	37		1 7/8
			16950	6S6/R		145	120	•Red, Indicator	B, C-7A	1500	37		1 7/8
			16953	6S6/W		115-125	120	•White, Indicator	B, C-7A	1500	37		1 7/8
			16945	6S6/3		120	120	•Clear, Signal Light ^{26,89}	B, C-7A	5000 +	23		1 7/8
			16946	6S6/3		125-130	120	•Clear, Signal Light ^{26,89}	B, C-7A	5000 +	23		1 7/8
D.C. Bay			16764	6S6DC		30	120	Clear	B, C-7A	1500	50		1 13/16
			16763	6S6DC		75	120	Clear, Train	B, C-7A	1500	47		1 13/16
			16782	6S6DC		120	120	Clear, Indicator	B, C-9	1500	41		1 13/16
			16783	6S6DC		125	120	Clear, Indicator	B, C-9	1500	41		1 13/16
			16784	6S6DC		130	120	Clear, Indicator	B, C-9	1500	41		1 13/16
			16790	6S6DC		145	120	Clear, Indicator	B, C-9	1500	37		1 13/16
			16801	6S6DC/R		120	120	Red, Indicator	B, C-9	1500			1 13/16
			16802	6S6DC/R		130	120	Red, Indicator	B, C-9	1500			1 13/16
Inter.			16955	6S6/7		115-125	120	•Clear, Indicator	B, C-9	1500	38		1 13/16
S-14	Med.		17314	6S14		115-125	120	Clear	B, C-9	1500	40	2 1/2	3 1/2
			17302	6S14/IF		115-125	120	Inside Frosted	B, C-9	1500	40	2 1/2	3 1/2
			17304	6S14/IF		130	120	Inside Frosted	B, C-9	1500	40	2 1/2	3 1/2
T4 1/2	Cand.		18054	6T4 1/2/1		120	100	•Clear, Indicator	B, C-7A	1500	34		1 7/8
			18056	6T4 1/2/1		130	100	•Clear, Indicator	B, C-7A	1500	34		1 7/8

• Indicates Aluminum Base.

® Available with brass base.

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
7	C-7	Cand.	13608	7C7	115-125	120	•Clear	B, C-9	3000	46		2 1/8
			13543	7C7/BL	115-125	24	•Clear, Blister Pack	B, C-9	3000	46		2 1/8
ESP WE SUGGEST 4C7/BL 115-125 Volts, An Energy Saving Product												
Night Light			13609	7C7	130	120	•Clear	B, C-9	3000	46		2 1/8
			13623	7C7/W	115-125	120	•White	B, C-9	3000	36		2 1/8
			13624	7C7/W	130	120	•White, Night Light	B, C-9	3000	36		2 1/8
			13540	7C7/W/BL	115-125	24	•White, Blister Pack	B, C-9	3000	36		2 1/8
			13626	7C7/R	115-125	120	•Red Ceramic	B, C-9	3000	36		2 1/8
			13627	7C7/B	115-125	120	•Blue Ceramic	B, C-9	3000	36		2 1/8
			13628	7C7/G	115-125	120	•Green Ceramic	B, C-9	3000	36		2 1/8
			13629	7C7/O	115-125	120	•Orange Ceramic	B, C-9	3000	36		2 1/8
7.4	T6 1/2	D.C. Bay	18107	7.4T6 1/2/DC/CF	10.5	60	Exit Lamp Ceramic Frost	C, C-8	(1)	30		5 1/2
7 1/2	S-11	Med.	19353	7 1/2S	115-125	120	•Clear	B, C-9	1400	49	1 1/16	2 1/4
			19355	7 1/2S	130	120	•Clear, Sign and Dec.	B, C-9	1400	49	1 1/16	2 1/4
			19432	7 1/2S/CO	115-125	120	•Orange Ceramic	B, C-9	1400	49		2 1/4
			19426	7 1/2S/CB	115-125	120	•Blue Ceramic	B, C-9	1400	49		2 1/4
			19452	7 1/2S/CB/BL	115-125	24	•Blue Ceramic	B, C-9	1400	49		2 1/4
			19429	7 1/2S/CG	115-125	120	•Green Ceramic	B, C-9	1400	49		2 1/4
			19453	7 1/2S/CG/BL	115-125	24	•Green Ceramic	B, C-9	1400	49		2 1/4
			19423	7 1/2S/CR	115-125	120	•Red Ceramic	B, C-9	1400	49		2 1/4
			19451	7 1/2S/CR/BL	115-125	24	•Red Ceramic	B, C-9	1400	49		2 1/4
			19422	7 1/2S/CR	130	120	Red Ceramic	B, C-9	1400	49		2 1/4
			19420	7 1/2S/CW	115-125	120	•White Ceramic	B, C-9	1400	40		2 1/4
			19419	7 1/2S/CW	130	120	White Ceramic	B, C-9	1400	40		2 1/4
			19430	7 1/2S/CW/BL	115-125	24	•White, Blister Pack	B, C-9	1400	40		2 1/4
9	S-11	S.C. Bay	10767	9S11/SC	12	120	Railway, Clear ¹¹¹	B, C-2V	1500	91	1 1/4	2 9/16
10	C-7	D.C. Bay	13527	10C7/DC	115-125	120	Pilot, Clear, Ruggedized	B, C-7A	(1)	38		2 3/16
		Cand.	13636	10C7	115-125	240	•Pilot, Clear, Ruggedized	B, C-7A	(1)	38		2 1/8
			13638	10C7/5	115-125	240	•Clear, Ind. Rough Serv	B, C-7A	(1)	32		2 1/8
	G-16 1/2	Cand.	13620	10G16 1/2C/W	120-125	24	White, Decor. Min. Run ⁹⁶	B, C-7A	1500	66		3
	S-6	Cand.	16726	10S6	120	240	•Clear, Indicator Min. Run ⁹⁶	B, C-7A	1500	71		1 7/8
			16716	10S6/10	220	240	Clear, Indicator	B, CC-9	1500	80		1 7/8
			16717	10S6/10	230	240	Clear, Indicator	B, CC-9	1500	80		1 7/8
			16718	10S6/10	250	240	Clear, Indicator	B, CC-9	1500	80		1 7/8
		D.C. Bay	16721	10S6/10DC	230	120	Clear, Indicator	B, CC-9	1500	78		1 13/16
			16720	10S6/10DC	250	120	Clear, Indicator	B, CC-9	1500	78		1 13/16
		Inter.	16701	10S6/13	230	240	Clear, Indicator	B, CC-9	1500	78		1 13/16
			16702	10S6/13	250	240	Clear, Indicator	B, CC-9	1500	78		1 13/16
	S-11	Inter.	16917	10S11N	115-125	120	Clear, Ruggedized	B, C-7A	1500	78	1 1/2	2 5/16
			16919	10S11N	130	120	Clear, Ruggedized	B, C-7A	1500	78	1 1/2	2 5/16
			16913	10S11N/CF	115-125	120	Frosted Ceramic, Ruggedized	B, C-7A	1500	66		2 5/16

• Indicates Aluminum Base.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
10	S-11	Inter.	16901	10S11N/CB	115-125	120	Blue Ceramic, Ruggedized	B, C-7A	1500			2 5/16
			16903	10S11N/CFT	115-125	120	Flametint Ceramic, Ruggedized	B, C-7A	1500			2 5/16
			16900	10S11N/CG	115-125	120	Green Ceramic, Ruggedized	B, C-7A	1500			2 5/16
			16902	10S11N/CO	115-125	120	Orange Ceramic, Ruggedized	B, C-7A	1500			2 5/16
			16898	10S11N/CR	115-125	120	Red Ceramic, Ruggedized	B, C-7A	1500			2 5/16
			16897	10S11N/CW	115-125	120	White Ceramic, Ruggedized	B, C-7A	1500			2 5/16
			16899	10S11N/CY	115-125	120	Yellow Ceramic, Ruggedized	B, C-7A	1500			2 5/16
			16932	10S11N/TR	130	120	Trans. Red	B, C-7A	1500			2 5/16
			16933	10S11N/TY	130	120	Trans. Yellow	B, C-7A	1500			2 5/16
			16934	10S11N/TB	130	120	Trans. Blue	B, C-7A	1500			2 5/16
			16935	10S11N/TG	130	120	Trans. Green	B, C-7A	1500			2 5/16
			16936	10S11N/TO	130	120	Trans. Orange	B, C-7A	1500			2 5/16
		Cand.	17025	10S11/79	115-125	120	•Clear	B, C-7A	1500	78	1 1/2	2 1/4
S-14	Med.		17138	10S14	6	120	•Clear	C, C-6	1000	115	2 1/2	3 1/2
			17142	10S14	12	120	•Clear, Sign	B, C-6	1500	100	2 1/2	3 1/2
			17406	10S14	120	120	Clear, Ruggedized	B, C-9	1500	86	2 1/2	3 1/2
			17407	10S14	125	120	Clear, Ruggedized	B, C-9	1500	86	2 1/2	3 1/2
			17408	10S14	130	120	Clear, Ruggedized	B, C-9	1500	86	2 1/2	3 1/2
			17424	10S14/IF	120	120	Inside Frosted, Ruggedized	B, C-9	1500	86	2 1/2	3 1/2
			17425	10S14/IF	125	120	Inside Frosted, Ruggedized	B, C-9	1500	86	2 1/2	3 1/2
			17426	10S14/IF	130	120	Inside Frosted, Ruggedized	B, C-9	1500	86	2 1/2	3 1/2
			17538	10S14/D	115-125	120	Clear Daylight, Ruggedized	B, C-9	1500		2 1/2	3 1/2
			17540	10S14/D	130	120	Clear Daylight, Ruggedized	B, C-9	1500		2 1/2	3 1/2
			17527	10S14/CB	115-125	120	Blue Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17536	10S14/CB	130	120	Blue Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17528	10S14/CG	115-125	120	Green Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17537	10S14/CG	130	120	Green Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17529	10S14/CO	115-125	120	Orange Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17539	10S14/CO	130	120	Orange Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17525	10S14/CR	115-125	120	Red Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17535	10S14/CR	130	120	Red Ceramic, Ruggedized	B, C-9	1500			3 1/2
			17504	10S14/Y	115-125	120	Yellow, Ruggedized	B, C-9	1500			3 1/2

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
10	S-14	Med.	17505	10S14/Y	130	120	Yellow, Ruggedized	B, C-9	1500			3½
			17506	10S14/W	115-125	120	White, Ruggedized	B, C-9	1500	70		3½
			17507	10S14/W	130	120	White, Ruggedized	B, C-9	1500	70		3½
			17532	10S14/CV	115-125	120	Ivory Ceramic, Ruggedized	B, C-9	1500			3½
			17530	10S14/CFT	115-125	120	Flametint Ceramic, Ruggedized	B, C-9	1500			3½
			17534	10S14/CR2	130	120	Rose Ceramic, Ruggedized	B, C-9	1500			3½
11	S-11	Inter.	17046	11S11N	130	120	Clear	B, CC-9	3000	73		2½ ₁₆
	S-14	Med.	17451	11S14/IF	120	120	Frosted, Ruggedized	B, C-9	3000	80	2½	3½
			17452	11S14/IF	125	120	Frosted, Ruggedized	B, C-9	3000	80	2½	3½
			17453	11S14/IF	130	120	Frosted, Ruggedized	B, C-9	3000	80	2½	3½
			17448	11S14	120	120	Clear, Ruggedized	B, C-9	3000	80	2½	3½
			17449	11S14	125	120	Clear, Ruggedized	B, C-9	3000	80	2½	3½
			17450	11S14	130	120	Clear, Ruggedized	B, C-9	3000	80	2½	3½
			17460	11S14/CB	115-125	120	Blue Ceramic, Ruggedized	B, C-9	3000			3½
			17461	11S14/CB	130	120	Blue Ceramic, Ruggedized	B, C-9	3000			3½
			17462	11S14/CG	115-125	120	Green Ceramic, Ruggedized	B, C-9	3000			3½
			17463	11S14/CG	130	120	Green Ceramic, Ruggedized	B, C-9	3000			3½
			17464	11S14/CO	115-125	120	Orange Ceramic, Ruggedized	B, C-9	3000			3½
			17465	11S14/CO	130	120	Orange Ceramic, Ruggedized	B, C-9	3000			3½
			17458	11S14/CR	115-125	120	Red Ceramic, Ruggedized	B, C-9	3000			3½
			17459	11S14/CR	130	120	Red Ceramic, Ruggedized	B, C-9	3000			3½
			17454	11S14/Y	115-125	120	Yellow, Ruggedized	B, C-9	3000			3½
			17455	11S14/Y	130	120	Yellow, Ruggedized	B, C-9	3000			3½
			17456	11S14/W	115-125	120	White, Ruggedized	B, C-9	3000	59		3½
			17457	11S14/W	130	120	White, Ruggedized	B, C-9	3000	59		3½
			17489	11S14/TB	125-130	120	Transparent Blue	B, C-9	3000			3½
			17490	11S14/TG	125-130	120	Transparent Green	B, C-9	3000			3½
			17491	11S14/TO	125-130	120	Transparent Orange	B, C-9	3000			3½
			17487	11S14/TR	125-130	120	Transparent Red	B, C-9	3000			3½
			17488	11S14/TY	125-130	120	Transparent Yellow	B, C-9	3000			3½
			17704	11S14/RS	130	120	Clear Rough Service	B, C-17	(1)	47	2½	3½
12	▼B-10	Cand.	13499	▼12B10C/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000	65		4½ ₁₆

▼ Burn base down.

• Indicates Aluminum Base.

Numbered Footnotes are listed on page 88.

▼ Exclusive Sylvania Design.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
12	▼B-10	Cand.	13500	12B10C/W/4M/SS	120	24	•White, SuperSaver® Decor	C, C-7A	4000	61		4 5/16
15	A-15	Med.	10037	15A15	120	120	•Inside Frosted	B, C-9	2500	126	2 3/8	3 1/2
			10031	15A15/RP	120	24	•Inside Frosted	B, C-9	2500	126	2 3/8	3 1/2
			10038	15A15	130	120	•Inside Frosted	B, C-9	2500	126	2 3/8	3 1/2
			10018	15A15/CL	120	120	•Clear	B, C-9	2500	126	2 3/8	3 1/2
			10019	15A15/CL	130	120	•Clear	B, C-9	2500	126	2 3/8	3 1/2
			11503	15A15/B	115-125	120	Blue	B, C-9	2500			3 1/2
			11504	15A15/G	115-125	120	Green	B, C-9	2500			3 1/2
			11507	15A15/V	115-125	120	Ivory	B, C-9	2500			3 1/2
			11505	15A15/O	115-125	120	Orange	B, C-9	2500			3 1/2
			11502	15A15/R	115-125	120	Red	B, C-9	2500			3 1/2
			11508	15A15/R2	115-125	120	Rose	B, C-9	2500			3 1/2
			11501	15A15/Y	115-125	120	Yellow	B, C-9	2500			3 1/2
			10015	15A15/W/RP	120	24	•White	B, C-9	2500	116		3 1/2
			10084	15A15/GR/IF	130	120	I.F. Sign, Gr. Replacement	B, C-9	3000	125	2 3/8	3 1/2
	A-17	Med.	10027	15A	6	120	Inside Frosted	C, C-6	1000	195	2 3/8	3 5/8
			10033	15A	12	120	Inside Frosted	C, C-6	1000	162	2 3/8	3 5/8
			10086	15A	34	120	Inside Frosted, Train	C, C-9	1000	200	2 3/8	3 5/8
			10185	15A	75	120	Inside Frosted, Train	B, C-9	1000	147	2 3/8	3 5/8
			10402	15A	230	120	•Inside Frosted	B, C-9	1000	120	2 3/8	3 5/8
15 135 150	A-21 ▼Kon-Tact Med.		18070	15/150A/W/EP	120	12	Soft White, Three Way ⇒	C, CC-8	1500	90 2270 2360		5 5/16
15	B-10	Cand.	13448	15B10C/BL	120-125	12	•Clear	C, C-7A	1575	68		4 5/16
			13449	15B10C/W/BL	120-125	12	•White	C, C-7A	1575	64		4 5/16
			13476	15B10C/ST	120-125	24	•Clear Straight Top	C, C-7A	1575	68		4 5/16
Decor			13450	15B10C/ST/BL	120-125	12	•Clear Straight Top	C, C-7A	1575	68		4 5/16
			13451	15B10C/ST/W/BL	120-125	12	•White Straight Top	C, C-7A	1575	64		4 5/16
	C-9 1/2	▼Cand.	13429	15C9 1/2 C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			3 5/8
	C-11	▼Med.	13465	15C11/24	120-125	24	•Clear	C, C-7A	1500	66		4
		▼	13433	15C11/BL	120-125	12	•Clear	C, C-7A	1500	66		4
		▼	13466	15C11/W	120-125	24	•White	C, C-7A	1500	62		4
		▼	13432	15C11/W/BL	120-125	12	•White	C, C-7A	1500	62		4
	F-10	Cand.	13610	15FC/4M	120	24	•Clear, Decor 4	B, C-7A	4000	115		3 1/16
			13435	15FC/AIC/BL	120-125	12	•Iridescent Amber	B, C-7A	1500			3 1/16
			13434	15FC/IC/BL	120-125	12	•Iridescent Clear	B, C-7A	1500	122		3 1/16
Decor			13436	15FC/W/BL	120-125	12	•White	B, C-7A	1500	107		3 1/16
			13612	15FC/AIC/4M	120	24	•Iridescent Amber, Decor 4	B, C-7A	4000			3 1/16
			13611	15FC/IC/4M	120-125	24	•Iridescent Clear, Decor 4	B, C-7A	4000	110		3 1/16
			13613	15FC/W/4M	120-125	24	•White, Decor 4	B, C-7A	4000	98		3 1/16

▼ Burn base down.
 ▼ Exclusive Sylvania Design.

• Indicates Aluminum Base.
 ☞ Do not insert in household sockets.

⇒ Sylvania Kon-Tact base designed for better
 service in all 3-way medium sockets.
 Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
15	F-10	Inter.	13614	15FC/FT	120-125	24	•Flametint	B, C-7A	1500			3 1/16
			13606	15FN	120-125	24	•Clear	B, C-7A	1500	120		3 1/16
	G-16 1/2	Cand.	13616	15G16 1/2 C	120-125	24	•Clear, Decorative	B, C-7A	1500	120		3
			13617	15G16 1/2 C/W	120-125	24	•White, Decorative	B, C-7A	1500	102		3
			13709	15G16 1/2 C/4M	120	24	•Clear, Decor 4	B, C-7A	4000	110		3
			13706	15G16 1/2 C/W/4M	120	24	•White, Decor 4	B, C-7A	4000	93		3
			17022	15S11/3DC	75	120	Clear, Train	B, C-7A	1000	147	1 1/4	2 3/8
	S-11	Cand.	17043	15S11/13	120-130	120	•Decorative - Clear	B, C-7A	750	112		2 1/4
			17054	15S11/14	115	120	•Medical Spotlight - Clear	B, C-7A	200	138	1 3/8	2 1/4
			17055	15S11/14	120	120	•Medical Spotlight - Clear	B, C-7A	200	138	1 3/8	2 1/4
		Med.	17079	15S11/102/CF	115-125	120	•Ceramic Frosted, Refrigerator	B, C-7A	400	138		2 1/4
			17080	15S11/102/CL	115-125	120	•Clear, Refrigerator	B, C-7A	400	138		2 1/4
	S-14	Med.	17237	15S14	34	120	Clear, Locomotive Cab	B, C-9	1000	141	2 1/2	3 1/2
			17238	15S14/IF	34	120	Inside Frosted, Locomotive Cab	B, C-9	1000	140	2 1/2	3 1/2
			17236	15S14/IF/1	34	120	Inside Frosted, Locomotive Cab, Insulated Lead	B, C-9	1000	141	2 1/2	3 1/2
			17240	15S14/CL	130	120	Clear, Ruggedized Sign	B, C-9	3000	120	2 1/2	3 1/2
			17242	15S14/IF	130	120	I.F., Ruggedized Sign	B, C-9	3000	120	2 1/2	3 1/2
			18037	15T6	120	60	Clear	B, C-7A	2000	114		3 1/16
Switchboard	T-6	Cand.	18038	15T6	125-130	60	Clear	B, C-7A	2000	114		3 1/16
			18077	15T6	140	60	Clear	B, C-7A	2000	114		3 1/16
			18078	15T6	145	60	Clear	B, C-7A	2000	114		3 1/16
			18166	15T7DC	32	60	Clear	B, C-7A	(3)	140		2 1/4
	T-7	D.C. Bay	18208	15T7DC	115-125	60	Clear	B, C-7A	(3)	115		2 1/4
			18199	15T7DC/BL	120	24	Clear, Carded	B, C-7A	(3)	115		2 1/4
			18210	15T7DC/IF	115-125	60	Ceramic Frost	B, C-7A	(3)	108		2 1/4
			18212	15T7DC/B	115-125	60	Appliance, Blue	B, C-7A	1000			2 1/4
			18214	15T7DC/IF/B	115-125	60	Inside Frosted, Appl. Blue	B, C-7A	1000			2 1/4
	Home Appliance	Cand.	18185	15T7C	115-125	60	Clear	B, C-7A	(3)	115		2 1/4
		Inter.	18173	15T7N	115-125	60	Clear	B, C-7A	(3)	115		2 1/4
			18171	15T7N/B	115-125	60	Appliance, Blue	B, C-7A	1000			2 1/4
	T-8	Cand.	18291	15T8C	120-130	60	•Clear	B, C-7A	750	112		2 5/8
			18303	15T8C/W	120-130	60	Ceramic White	B, C-7A	750	112		2 5/8
		Inter.	18350	15T8N	120-130	60	•Clear	B, C-7A	750	112		2 5/8
	T-10	Med.	18501	15T10/CL	120	60	•Clear	B, C-8	2500	112		5 5/8
			14839	17R20	6.3	120	Light I.F. Refl. ¹¹¹	C, C-6	2200			3 15/16
17	R-20	Med.	14839	17R20	6.3	120	Light I.F. Refl. ¹¹¹	C, C-6	2200			3 15/16
18	S-11	S.C. Bay	10766	18S11/1SC	10	120	Railway Lt. Signal ¹¹¹	C, CC-6	2000	235	1 1/4	2 3/8
20	A-17	Med.	10392	20A17/5	120	120	Flashing Sign - Clear ⁴	C, C-9	1000	143	2 3/8	3 5/8

• Indicates Aluminum Base.

Do not insert in household sockets.

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
20	A-17	Med.	10394	20A17/5	130	120	Flashing Sign – Clear ⁴	C, C-9	1000	143	2%	3%
	B-10	▼Cand.	13501	▼20B10C/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000	168		4 ⁵ / ₁₆
	Decor	▼	13502	▼20B10C/W/4M/SS	120	24	•White, SuperSaver® Decor	C, C-7A	4000	160		4 ⁵ / ₁₆
		▼	13503	▼20B10C/CF/4M/SS	120	24	•Ceramic Frost, SuperSaver® Decor	C, C-7A	4000	160		4 ⁵ / ₁₆
	C-11	▼Med.	13530	▼20C11/4M/SS	120	24	•Clear, SuperSaver® Decor 4	C, C-7A	4000	160		4
		▼	13531	▼20C11/W/4M/SS	120	24	•White, SuperSaver® Decor 4	C, C-7A	4000	152		4
	T6½	D.C. Bay	18144	20T6½/DC/CF	120	60	Exit Lamp Ceramic Frost	B, C-8	(1)	92		5½
		Inter.	18143	20T6½/CF	120	60	Exit Lamp Ceramic Frost	B, C-8	(1)	92		5½
25	A-15	Med.	10125	25A15	115-125	120	•Inside Frosted, Refrig.	B, C-9	1100	250	2%	3½
			10139	25A15/RFL	130	120	I.F. Reflector Sign	B, C-9	2500			3½
	A-17	Med.	10417	25A17/RS	75	120	I.F. Train, Rough Service	B, C-9	1000	228	2%	3%
	A-19	Med.	10443	25A	6	120	Inside Frosted [Ⓢ]	C, C-6	1000	357	2½	3½ ⁵ / ₁₆
			10449	25A	12	120	Inside Frosted [Ⓢ]	C, C-6	1000	385	2½	3½ ⁵ / ₁₆
			10585	25A	30	120	I.F. Train & County Home	C, C-9	1000	339	2½	3½ ⁵ / ₁₆
			10586	25A	32	120	Inside Frosted, Train	C, C-9	1000	339	2½	3½ ⁵ / ₁₆
			10524	25A	34	120	Inside Frosted, Train	C, C-9	1000	339	2½	3½ ⁵ / ₁₆
			10632	25A	60	120	Inside Frosted, Train	C, C-9	1000	280	2½	3½ ⁵ / ₁₆
			10644	25A	120	120	•Inside Frosted	B, C-9	2500	235	2½	3½ ⁵ / ₁₆
			10634	25A/RP	120	24	•Inside Frosted	B, C-9	2500	235	2½	3½ ⁵ / ₁₆
			10645	25A	130	120	•Inside Frosted	B, C-9	2500	235	2½	3½ ⁵ / ₁₆
			10693	25A/CL	120	120	Clear	B, C-9	2500	232	2½	3½ ⁵ / ₁₆
			10694	25A/CL	130	120	Clear	B, C-9	2500	232	2½	3½ ⁵ / ₁₆
			10562	25A/W/RP	120	24	•Soft White	B, C-9	2625	215	2½	3½ ⁵ / ₁₆
			11090	25A/RS	120	120	•I.F., Rough Service [Ⓢ]	B, C-17	1000	222	2½	3½ ⁵ / ₁₆
			11092	25A/RS	125-130	120	•I.F., Rough Service	B, C-17	1000	222	2½	3½ ⁵ / ₁₆
			14862	25A/VS	120	120	•I.F., Vibration Service	B, C-9	1000	238	2½	3½ ⁵ / ₁₆
			14866	25A/VS	125-130	120	•I.F., Vibration Service	B, C-9	1000	238	2½	3½ ⁵ / ₁₆
			14850	25A/CL/VS	120	120	•Clear, Vibration Service	B, C-9	1000	238	2½	3½ ⁵ / ₁₆

▼ Burn base down.

▼ Exclusive Sylvania Design.

• Indicates Aluminum Base.

Ⓢ Do not insert in household sockets.

Ⓢ Available with brass base.

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
25	A-19	Med.	14852	25A/CL/VS	125-130	120	•Clear, Vibration Service	B, C-9	1000	238	2½	3½ ₁₆
			11356	25A/B	115-125	120	Blue	B, C-9	2500			3½ ₁₆
			11436	25A/B/RP	115-125	24	Blue	B, C-9	2500			3½ ₁₆
			11365	25A/FT	115-125	120	Flametint	B, C-9	2500			3½ ₁₆
			11359	25A/G	115-125	120	Green	B, C-9	2500			3½ ₁₆
			11437	25A/G/RP	115-125	24	Green	B, C-9	2500			3½ ₁₆
			11362	25A/O	115-125	120	Orange	B, C-9	2500			3½ ₁₆
			11434	25A/O/RP	115-125	24	Orange	B, C-9	2500			3½ ₁₆
			11350	25A/R	115-125	120	Red	B, C-9	2500			3½ ₁₆
			11435	25A/R/RP	115-125	24	Red	B, C-9	2500			3½ ₁₆
			11371	25A/R2	115-125	120	Rose	B, C-9	2500			3½ ₁₆
			11348	25A/Y	115-125	120	Yellow	B, C-9	2500			3½ ₁₆
			10750	25A/99CL/RFL	130	120	Clear, Neck Reflector	B, C-9	2500			3½ ₁₆
			11710	25A19/TB/RP	125-130	6	Transparent Blue	B, C-9	3000		2½	3½ ₁₆
			11714	25A19/TG/RP	125-130	6	Transparent Green	B, C-9	3000		2½	3½ ₁₆
			11711	25A19/TO/RP	125-130	6	Transparent Orange	B, C-9	3000		2½	3½ ₁₆
			11712	25A19/TR/RP	125-130	6	Transparent Red	B, C-9	3000		2½	3½ ₁₆
			11713	25A19/TY/RP	125-130	6	Transparent Yellow	B, C-9	3000		2½	3½ ₁₆
			10737	25A19/GR/CL	115-125	120	Clear, Sign, Gr. Replacement	B, C-9	3000	205	2½	3½ ₁₆
			10738	25A19/GR/CL	130	120	Clear, Sign, Gr. Replacement	B, C-9	3000	205	2½	3½ ₁₆
			10734	25A19/GR/IF	130	120	Inside Frosted, Gr. Replacement	B, C-9	3000	205	2½	3½ ₁₆
			11285	25A	230	120	•Inside Frosted	B, C-17	1000	205	2½	3½ ₁₆
			11287	25A	250	120	•Inside Frosted	B, C-17	1000	205	2½	3½ ₁₆
			11289	25A	277	120	•Inside Frosted	B, C-17	1000	187	2½	3½ ₁₆
			11286	25A/CL	230	120	•Clear	C, C-17	1000	205	2½	3½ ₁₆
			11298	25A/CL	250	120	•Clear	C, C-17	1000	205	2½	3½ ₁₆
			11301	25A/R	230	120	Red	B, C-17	1000			3½ ₁₆
			11302	25A/R	250	120	Red	B, C-17	1000			3½ ₁₆
	B-10	Cand.	13452	25B10C/BL	120-125	12	•Clear	C, C-7A	1575	208		4½ ₁₆
			13570	25B10C/BAG PK	120-125	200	•Clear	C, C-7A	1575	208		4½ ₁₆
			13453	25B10C/W/BL	120-125	12	•White	C, C-7A	1575	197		4½ ₁₆
			13573	25B10C/W/BAG PK	120-125	200	•White	C, C-7A	1575	197		4½ ₁₆
			13426	25B10C/CF/BL	120-125	12	•Ceramic Frost	C, C-7A	1575	197		4½ ₁₆
Decor			13481	25B10C/ST	120-125	24	•Clear, Straight Top	C, C-7A	1575	208		4½ ₁₆
			13454	25B10C/ST/BL	120-125	12	•Clear, Straight Top	C, C-7A	1575	208		4½ ₁₆
			13455	25B10C/ST/W/BL	120-125	12	•White, Straight Top	C, C-7A	1575	197		4½ ₁₆
	C-11	▼Cand.	13591	25C11C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			4½ ₁₆
Decor		▼	13594	25C11C/SG/A/BL	120	6	•Amber, Spun-Glo, Fiber Wrapped	B, C-7A	4000			4½ ₁₆
	C-11	▼Med.	13438	25C11/BL	120-125	12	•Clear	C, C-7A	1500	190		4



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
Decor	C-11	▼Med.	13439	25C11/W/BL	120-125	12	•White	C, C-7A	1500	180		4
Decor		▼	13467	25C11/4M	120-125	24	•Clear, Decor 4	C, C-7A	4000	163		4
ESP WE SUGGEST 20C11/4M/SS 120 Volts, An Energy Saving Product												
Decor		▼	13468	25C11/W/4M	120-125	24	•White, Decor 4	C, C-7A	4000	155		4
ESP WE SUGGEST 20C11/W/4M/SS 120 Volts, An Energy Saving Product												
	C-15	▼Med.	13755	25C15/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-9	4000			4½
		▼	13758	25C15/SG/A/BL	120	6	•Amber, Spun-Glo, Fiber Wrapped	B, C-9	4000			4½
	F-10	Cand.	13615	25FC	120-125	24	•Clear, Decorative	B, C-7A	1500	205		3⅓
			13605	25FC/W	120-125	24	•White, Decorative	B, C-7A	1500	175		3⅓
	F-15	Med.	13806	25F	120-125	24	•Clear	C, C-7A	1500	210		4½
			13807	25F/FT	120-125	24	•Flametint	C, C-7A	1500			4½
Decor			13809	25F/V	120-125	24	•Ivory	C, C-7A	1500			4½
			13813	25F/SPK	120-125	24	•Soft Pink	C, C-7A	1500			4½
			13820	25F/W/BL	120-125	12	•White	C, C-7A	1500	172		4½
			13821	25F/IC/BL	120-125	12	•Iridescent Clear	C, C-7A	1500	205		4½
			13823	25F/AIC/BL	120-125	12	•Amber Iridescent	C, C-7A	1500			4½
			13811	25F/W/4M	120	24	•White, Decor 4	C, C-7A	4000	167		4½
			13815	25F/IC/4M	120	24	•Iridescent, Clear, Decor 4	C, C-7A	4000	183		4½
			13803	25F/AIC/4M	120	24	•Amber Iridescent, Decor 4	C, C-7A	4000			4½
	G-16½	Cand.	13622	25G16½C/W/BL	120-125	12	•White	B, C-7A	1500	190		3
			13618	25G16½C	120-125	24	•Clear	B, C-7A	1500	225		3
			13625	25G16½C/BL	120-125	12	•Clear	B, C-7A	1500	225		3
			13703	25G16½C/W/4M	120	24	•White, Decor 4	B, C-7A	4000	160		3
			13704	25G16½C/4M	120	24	•Clear, Decor 4	B, C-7A	4000	188		3
	G-18½	Med.	14101	25G18½	120-125	24	•Clear	B, C-9	1500	228		3⅓
Decor			14102	25G18½/W	120-125	24	•White	B, C-9	1500	195		3⅓
	G-25	Med.	14264	25G25	120-125	24	•Clear	C, C-9	1500	220		4⅓
			14282	25G25/RP	120-125	6	•Clear	C, C-9	1500	220		4⅓
			14265	25G25/W	120-125	24	•White	C, C-9	1500	210		4⅓
			14286	25G25/W/RP	120-125	6	•White	C, C-9	1500	210		4⅓
			14276	25G25/4M	120	24	•Clear, Decor 4	C, C-9	4000	190		4⅓
			14277	25G25/W/4M	120	24	•White, Decor 4	C, C-9	4000	182		4⅓
	G-30	Med.	14401	25G30/W	120-130	24	•White	C, C-9	2500	190		5½
			14404	25G30/W/RP	120-130	6	•White	C, C-9	2500	190		5½
	G-40	Med.	14901	25G40/W	120-130	6	•White, Decor	C, C-9	2500	156		6⅓
			14618	25G40/W/RP	120-130	6	•White, Decor	C, C-9	2500	156		6⅓
Decor			14685	25G40	120-130	6	•Clear, Decor	C, C-9	2500	162		6⅓
			14617	25G40/RP	120-130	6	•Clear, Decor	C, C-9	2500	162		6⅓
			14698	25G40TA/RP	120-130	6	•Trans. Amber Mood Glo®	C, C-9	2500			6⅓
			14697	25G40TB/RP	120-130	6	•Trans. Blue Mood Glo®	C, C-9	2500			6⅓
			14696	25G40TG/RP	120-130	6	•Trans. Green Mood Glo®	C, C-9	2500			6⅓

- ▼ Burn base down.
• Indicates Aluminum Base.

ESP WE SUGGEST An Energy Saving Product.

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
25	G-40	Med.	14699	25G40TP/RP	120-130	6	•Trans. Purple Mood Glo®	C, C-9	2500			6 15/16
			14695	25G40TR/RP	120-130	6	•Trans. Red Mood Glo®	C, C-9	2500			6 15/16
			14700	25G40TSM/RP	120-130	6	•Trans. Smoke Mood Glo®	C, C-9	2500			6 15/16
			14694	25G40TY/RP	120-130	6	•Trans. Yellow Mood Glo®	C, C-9	2500			6 15/16
S-11	▼Cand.		17058	25S11C/P	115-125	120	•Ceramic Frosted, Photocopy	B, C-7A	400	225	1 1/2	2 1/4
T-6 1/2	Inter.		18124	25T6 1/2	115	60	•Clear	B, C-8	1000	242		5 1/2
			18125	25T6 1/2	120	60	Clear	B, C-8	1000	242		5 1/2
			18126	25T6 1/2	125	60	•Clear	B, C-8	1000	242		5 1/2
			18128	25T6 1/2	130	60	Clear	B, C-8	1000	242		5 1/2
			18113	25T6 1/2/CF	120	60	•Ceramic Frost	B, C-8	1000	225		5 1/2
			18114	25T6 1/2/CF	125	60	•Ceramic Frost	B, C-8	1000	225		5 1/2
			18111	25T6 1/2/CF	130	60	•Ceramic Frost	B, C-8	1000	225		5 1/2
	D.C. Bay		18117	25T6 1/2DC/CF	120	60	C.F. Scale Illuminator	B, C-8	1000	225		5 1/2
			18118	25T6 1/2DC/CF	125	60	C.F. Scale Illuminator	B, C-8	1000	225		5 1/2
			18129	25T6 1/2DC	120	60	Clear Scale Illuminator	B, C-8	1000	242		5 1/2
			18106	25T6 1/2C	130	60	Clear Scale Illuminator	B, C-8	1000	242		5 1/2
T-8	Cand.		18289	25T8C	115-125	60	•Clear, Home Appliance	B, C-7A	(3)	235		2 5/8
	Inter.		18359	25T8N	120	60	Home Appliance, Clear	B, C-7A	(3)	235		2 5/8
			18346	25T8N/IF	120	60	Ceramic Frost, Home Appliance	B, C-7A	(3)	235		2 5/8
	D.C. Bay		18310	25T8DC	120	60	Home Appliance, Clear	B, C-7A	(3)	235		2 5/8
			18315	25T8DC	125	60	Home Appliance, Clear	B, C-7A	(3)	235		2 5/8
			18316	25T8DC	130	60	Home Appliance, Clear	B, C-7A	(3)	235		2 5/8
			18307	25T8DC	230	60	Home Appliance, Clear	B, C-7A	(3)	200		2 5/8
			18311	25T8DC/BL	120	24	Clear, Blister Pack	B, C-7A	(3)	235		2 5/8
			18318	25T8DC/IF	120	60	Ceramic Frost, Home Appliance	B, C-7A	(3)	235		2 5/8
			18319	25T8DC/IF	125	60	Ceramic Frost, Home Appliance	B, C-7A	(3)	235		2 5/8
			18320	25T8DC/IF	130	60	Ceramic Frost, Home Appliance	B, C-7A	(3)	235		2 5/8
T-10	Med.		18509	25T10	115	60	•Clear	B, C-8	1000	243		5 5/8
			18510	25T10	120	60	•Clear	B, C-8	1000	243		5 5/8
			18487	25T10/CL/BL	120	12	•Clear	B, C-8	1000	243		5 5/8
			18511	25T10	125	60	•Clear	B, C-8	1000	243		5 5/8
			18512	25T10	130	60	•Clear	B, C-8	1000	243		5 5/8
			18503	25T10/CF	120	60	•Ceramic Frost	B, C-8	1000	235		5 5/8

Showcase

▼ Burn base down.

• Indicates Aluminum Base.

Numbered Footnotes are listed on page 88.




Watts	Bulb	Base	VENDOR ID NO.		Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			DCI 046135 UPC 46135	Syl. Item No.									
25	T-10	Med.	18489	25T10/CF/BL		120	12	•Ceramic Frost	B, C-8	1000	235		5 5/8
			18504	25T10/CF		125	60	•Ceramic Frost	B, C-8	1000	235		5 5/8
			18505	25T10/CF		130	60	•Ceramic Frost	B, C-8	1000	235		5 5/8
			18507	25T10/BB		277	60	Clear, Exit Light	B, C-17	5000	158		5 5/8
			18642	25T10/RFL		120	60	•Reflector ⁶	C, CC-8	1000			5 5/8
			18643	25T10/RFL		125	60	•Reflector ⁶	C, CC-8	1000			5 5/8
			18644	25T10/RFL		130	60	•Reflector ⁶	C, CC-8	1000			5 5/8
30	R-20	Med.	14794	30R20		120	60	Reflector, Light I.F.	C, C-9	2000	300 ^(38-CP)		3 15/16
			14802	30R20		130	60	Reflector, Light I.F.	C, C-9	2000	300 ^(38-CP)		3 15/16
			14836	30R20/RP		120	6	Reflector, Light I.F.			300 ^(38-CP)		
			11706	30R20/TB		125-130	60	Reflector, Trans. Blue	C, C-9	3000			3 15/16
			11705	30R20/TG		125-130	60	Reflector, Trans. Green	C, C-9	3000			3 15/16
			11707	30R20/TO		125-130	60	Reflector, Trans. Orange	C, C-9	3000			3 15/16
			11708	30R20/TR		125-130	60	Reflector, Trans. Red	C, C-9	3000			3 15/16
			10422	30R20/RS/99		130	60	Light I.F., Refl., Rough Serv.	B, C-17	5000			3 15/16
	S-11	D.C. Bay	10764	30S11DC		64	120	Train Marker	C, C-7A	500	352	1 1/4	2 3/8
			10765	30S11DC		75	120	Train Marker	C, C-7A	500	352	1 1/4	2 3/8
			10763	30S11/100		32	120	Clear, Train Marker	C, C-7A	500	420	1 1/4	2 3/8
	T-8	Disc.	19504	L30		115-125	24	Clear ⁷	B, C-8	1500	254		17 3/4
			19510	L30/IF		115-125	24	Inside Frosted ⁷	B, C-8	1500	254		17 3/4
			19516	L30/W		115-125	24	White ⁷	B, C-8	1500	210		17 3/4
30 70 100	A-21	Kon-Tact Med.	19385	30/100/W/RP		120	12	•Soft White, Three- Way, Universal Burning ⇒ ¹⁰⁹	C, CC-8	1200	300 1015 1315		5 5/16
			ESP WE SUGGEST 90/52A19/W/HI-LO 120 Volts, An Energy Saving Product										
			19386	30/100/W/RP		125	12	•Soft White, Three- Way, Universal Burning ⇒ ¹⁰⁹	C, CC-8	1200	300 1015 1315		5 5/16
32	A-19	Med.	10980	32A19/49		120	120	Cl. St. Ltg. Gr. Replacement	C, C-9	3000	258	2 7/8	4 1/4
			10983	32A19/49		130	120	Cl. St. Ltg. Gr. Replacement	C, C-9	3000	258	2 7/8	4 1/4
	B-10	▼Cand.	13513	▼32B10C/4M/SS		120	24	•Clear, SuperSaver® Decor	C, C-7A	4000	270		4 5/16
		▼	13514	▼32B10C/W/4M/SS		120	24	•White, SuperSaver® Decor	C, C-7A	4000	255		4 5/16
		▼	13515	▼32B10C/CF/4M/SS		120	24	•Ceramic Frost, SuperSaver® Decor	C, C-7A	4000	255		4 5/16
C-11	▼Med.	13532	▼32C11/4M/SS		120	24	•Clear, SuperSaver® Decor 4	C, C-7A	4000	310		4	

- ▲ Burn base up to horizontal.
- ▼ Burn base down to horizontal.
- ▽ Exclusive Sylvania Design.

- Indicates Aluminum Base.
- ⇒ Sylvania Kon-Tact base designed for better service in all 3-way medium sockets.

- ▼ Burn base down.
- CP CandlePower

 **WE SUGGEST An Energy Saving Product.**
Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
32	▼C-11	Med.	13533	▼32C11/W/4M/SS	120	24	•White, SuperSaver® Decor 4	C, C-7A	4000	295		4
34	A-17	Med.	17750	40A/34/SS	120	120	•Inside Frost, SuperSaver®	C, CC-8	1500	410	2 ⁷ / ₈	4 ⁵ / ₁₆
			17754	40A/34/SS	130	120	•Inside Frost, SuperSaver®	C, CC-8	1500	410	2 ⁷ / ₈	4 ⁵ / ₁₆
			17770	40A/34/SSXL	120	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	420	2 ⁷ / ₈	4 ⁵ / ₁₆
			17774	40A/34/SSXL	130	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	420	2 ⁷ / ₈	4 ⁵ / ₁₆
36	A-19	Med.	10988	36A/Ryh	120	120	Clear, St. Ry. Headlight (Watts centered at .342 Amps)	B, C-5	1000		2 ³ / ₁₆	3 ¹⁵ / ₁₆
	A-21	Med.	11795	36A/Ry	125	120	•I. F. St. Ry., (Watts centered at .342 Amps)	B, C-9	2000	382	2 ⁷ / ₈	4 ⁷ / ₁₆
PAR-36	Comb. Screw Term. and Spade Conn.		55090	▼36PAR36CAP/NSP	12	12	•Narrow Spot, Tungsten Halogen Capsule ¹¹⁶	C, C-6	4000	5100(18°)		2 ³ / ₄
			55100	▼36PAR36CAP/VNSP	12	12	•Very Narrow Spot, Tungsten Halogen Capsule ¹¹⁶	C, C-6	4000	23000(5°)		2 ³ / ₄
			55091	▼36PAR36CAP/WFL	12	12	•Wide Flood, Tungsten Halogen Capsule ¹¹⁶	C, C-6	4000	2350(38°)		2 ³ / ₄
			55092	▼36PAR36CAP/WFL/A	12	12	•Amber Silicone, Tungsten Halogen Capsule	C, C-6	4000			2 ³ / ₄
			55093	▼36PAR36CAP/WFL/B	12	12	•Blue Silicone, Tungsten Halogen Capsule	C, C-6	4000			2 ³ / ₄
			55094	▼36PAR36CAP/WFL/BW	12	12	•Blue White Silicone, Tungsten Halogen Capsule	C, C-6	4000			2 ³ / ₄
			55095	▼36PAR36CAP/WFL/G	12	12	•Green Silicone, Tungsten Halogen Capsule	C, C-6	4000			2 ³ / ₄
			55097	▼36PAR36CAP/WFL/PK	12	12	•Pink Silicone, Tungsten Halogen Capsule	C, C-6	4000			2 ³ / ₄
			55096	▼36PAR36CAP/WFL/R	12	12	•Red Silicone, Tungsten Halogen Capsule	C, C-6	4000			2 ³ / ₄
			55098	▼36PAR36CAP/WFL/Y	12	12	•Yellow Silicone, Tungsten Halogen Capsule	C, C-6	4000			2 ³ / ₄
40	A-15	Med.	10119	40A15	115-125	120	Inside Frosted, Appliance	C, C-9	1000	452		3 ¹ / ₂
			10129	40A15/CL/BL	115-125	12	•Inside Clear, Appliance	C, C-9	1000	452		3 ¹ / ₂
			10124	40A15/RP	115-125	24	•Clear, Appliance	C, C-9	1000	452		3 ¹ / ₂
			10112	40A15/22	120	120	Clear Range Oven	C, C-9	1000	444	2 ⁷ / ₈	4

▼ Exclusive Sylvania Design.
• Indicates Aluminum Base.

★ Heat Resistant Glass Weather Durable (Hard Glass).
▼ Burn base down.

Numbered Footnotes are listed on page 88.

A-15-19

A

B,C

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
40	A-17	Med.	17740	40A	120	120	•Inside Frosted	C, CC-8	1650	460	2 7/8	4 5/16
ESP WE SUGGEST 40A/34/SS 120 Volts, An Energy Saving Product												
	A-19	Med.	11010	40A/RP	120	24	•Inside Frosted	C, CC-8	1500	460	2 7/8	4 1/4
	A-17	Med.	17744	40A	130	120	•Inside Frosted	C, CC-8	1650	460	2 7/8	4 5/16
ESP WE SUGGEST 40A/34/SS 130 Volts, An Energy Saving Product												
	A-19	Med.	11035	40A/CL	120	120	•Clear	C, CC-8	1500	460	2 7/8	4 1/4
			11223	40A/CL/RP	120	24	•Clear	C, CC-8	1500	460	2 7/8	4 1/4
			11036	40A/CL	130	120	•Clear	C, CC-8	1500	460	2 7/8	4 1/4
			11310	40A	230	120	•Inside Frosted	B, C-17	1000	375	2 1/2	3 5/16
			11031	40A/DIF	115-125	120	•I.F., Daylight	C, CC-8	1500			4 1/4
			10977	40A/W/RP	120	24	•Soft White	C, CC-8	1575	445		4 1/4
			10978	40A/W/RP	125	24	•Soft White	C, CC-8	1575	445		4 1/4
			11050	40A/W/1	120	120	Soft White, Brass Base	C, C-9	1500	440		4 1/4
	A-17	Med.	17760	40A/99/XL	120	120	Inside Frosted Excel-Line®83	C, CC-8	2500	420	2 7/8	4 1/4
ESP WE SUGGEST 40A/34/SSXL 120 Volts, An Energy Saving Product												
			17764	40A/99/XL	130	120	Inside Frosted Excel-Line®83	C, CC-8	2500	420	2 7/8	4 1/4
ESP WE SUGGEST 40A/34/SSXL 130 Volts, An Energy Saving Product												
	A-19	Med.	11053	40A/99/CL/XL	130	120	Clear Excel-Line®83	C, CC-8	2500	420	2 7/8	4 1/4
Sign & Decor	A-21	Med.	11845	40A/O	115-125	120	Orange Ceramic	B, C-9	1500	420		4 7/16
			11843	40A/B	115-125	120	Blue Ceramic	B, C-9	1500	420		4 7/16
			11844	40A/G	115-125	120	Green Ceramic	B, C-9	1500	420		4 7/16
			11847	40A/V	115-125	120	Ivory Ceramic	B, C-9	1500	420		4 7/16
			11841	40A/R	115-125	120	Red Ceramic	B, C-9	1500	420		4 7/16
			11840	40A/R2	115-125	120	Rose Ceramic	B, C-9	1500	420		4 7/16
			11842	40A/Y	115-125	120	Yellow Ceramic	B, C-9	1500	420		4 7/16
		▼	12058	40A/TS	120	120	•Traffic Signal	C, C-9	2000	367	2 7/16	4 7/16
		▼	12059	40A/TS	125	120	•Traffic Signal®	C, C-9	2000	367	2 7/16	4 7/16
			11834	40A21/GR/CL	115-125	120	Clear, Sign, Gr. Replacement	B, C-9	3000	352	2 7/8	4 1/2
			11835	40A21/GR/CL	130	120	Clear, Sign, Gr. Replacement	B, C-9	3000	352	2 7/8	4 1/2
Decor	B-10	Cand.	13456	40B10C/BL	120-125	12	•Clear	C, C-7A	1575	336		4 5/16
			13571	40B10C/BAG PK	120-125	200	•Clear	C, C-7A	1575	336		4 5/16
			13457	40B10C/W/BL	120-125	12	•White	C, C-7A	1575	320		4 5/16
			13574	40B10C/W/BAG PK	120-125	200	•White	C, C-7A	1575	320		4 5/16
			13427	40B10C/CF/BL	120-125	12	•Ceramic Frost	C, C-7A	1575	336		4 5/16
			13490	40B10C/ST	120-125	24	•Clear, Straight Top	C, C-7A	1575	336		4 5/16
			13458	40B10C/ST/BL	120-125	12	•Clear, Straight Top	C, C-7A	1575	336		4 5/16
			13459	40B10C/ST/W/BL	120-125	12	•White, Straight Top	C, C-7A	1575	320		4 5/16
	C-11	▼Cand.	13592	40C11C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			4 1/8
		▼Med.	13440	40C11/BL	120-125	12	•Clear	C, C-7A	1500	345		4
Decor		▼	13441	40C11/W/BL	120-125	12	•White	C, C-7A	1500	327		4

▼ Burn base down to horizontal.
▼ Burn base down.

• Indicates Aluminum Base.
ESP WE SUGGEST An Energy Saving Product.

® Available with brass base.
Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
40	C-11	▼Med	13470	40C11/W/4M	120-125	24	•White, Decor 4	C, C-7A	4000	279		4
					ESP WE SUGGEST 32C11/W/4M/SS 120 Volts, An Energy Saving Product							
	C-15	▼Med.	13756	40C15/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-9	4000			4½
Decor		▼	13759	40C15/SG/A/BL	120	6	•Amber, Spun-Glo, Fiber Wrapped	B, C-9	4000			4½
	F-15	▼Med.	13974	40F	120-125	24	•Clear	C, C-7A	1500	432		4½
		▼	13984	40F/W/BL	120-125	12	•White	C, C-7A	1500	370		4½
		▼	13975	40F/FT	120-125	24	•Flametint	C, C-7A	1500			4½
		▼	13986	40F/AIC/BL	120-125	12	•Amber Iridescent	C, C-7A	1500			4½
Decor		▼	13985	40F/IC/BL	120-125	12	•Iridescent Clear	C, C-7A	1500	422		4½
		▼	13981	40F/V	120-125	24	•Ivory, Decorative	C, C-7A	1500			4½
		▼	13976	40F/W/4M	120	24	•White, Decor 4	C, C-7A	4000	255		4½
		▼	13979	40F/AIC/4M	120	24	•Amber Iridescent, Decor 4	C, C-7A	4000			4½
		▼	13977	40F/IC/4M	120	24	•Iridescent Clear, Decor 4	C, C-7A	4000	285		4½
	G-16½	▼Cand.	13702	40G16½C	120-125	24	•Clear ⁴⁴	C, C-7A	1500	345		3
		▼	13621	40G16½C/W	120-125	24	•Ceramic White ⁴⁴	C, C-7A	1500	292		3
Decor		▼	13700	40G16½C/4M	120	24	•Clear, Decor 4 ⁴⁴	C, C-7A	4000	295		3
		▼	13699	40G16½C/W/4M	120	24	•Ceramic White, Decor 4 ⁴⁴	C, C-7A	4000	250		3
	G-25	Med.	14266	40G25	120-125	24	•Clear	C, C-9	1500	425		4¾ ₁₆
			14283	40G25/RP	120-125	6	•Clear	C, C-9	1500	425		4¾ ₁₆
Decor			14267	40G25/W	120-125	24	•White	C, C-9	1500	410		4¾ ₁₆
Decor			14287	40G25/W/RP	120-125	6	•White	C, C-9	1500	410		4¾ ₁₆
	G-30	Med.	14402	40G30/W	120-130	24	•White	C, C-9	2500	340		5½
			14405	40G30/W/RP	120-130	6	•White	C, C-9	2500	340		5½
	G-40	Med.	14687	40G40	120-130	6	•Clear, Decor	C, C-9	2500	348	4¾ ₈	6½ ₁₆
			14619	40G40/RP	120-130	6	•Clear	C, C-9	2500	348	4¾ ₄	6½ ₁₆
Decor			14688	40G40/W	120-130	6	•White, Decor	C, C-9	2500	335		6½ ₁₆
			14620	40G40/W/RP	120-130	6	•White	C, C-9	2500	335		6½ ₁₆
	R-30	Med.	15035	40R30/FL	125-130	24	Inside Frost, Refl. Flood ⁹⁶	C, CC-6	2000			5¾ ₈
	S-11	Inter.	13595	40S11N	115-125	120	Clear, High Intensity	C, C-7A	500	440	1¾ ₈	2½ ₁₆
			13596	40S11N/CF	120	120	Ceramic Frosted ⁹⁶	C, C-7A	500	430	1¾ ₈	2½ ₁₆
			13598	40S11N/BL	115-125	24	Clear, Blister Pack	C, C-7A	500	440	1¾ ₈	2½ ₁₆
	T-6½	▼Inter.	18096	40T6½/2	120	60	Appliance, Clear ⁹⁶	C, C-8	1000	365		5½
		▼	18097	40T6½/CL/BL	120	12	Appliance, Clear ⁹⁶	C, C-8	1000	365		5½
	T-8	Med.	18364	40T8	120-130	24	•Clear	B, C-23	1000	400		11¾ ₈
			18370	40T8/IF	120-130	24	•Ceramic Frost	B, C-23	1000	400		11¾ ₈
Showcase		Disc.	19590	L40	115-125	24	Clear ⁷	B, C-8	1500	360		11¾ ₄
			19596	L40/IF	115-125	24	Inside Frosted ⁷	B, C-8	1500	360		11¾ ₄
Lumiline			19602	L40/W	115-125	24	White ⁷	B, C-8	1500	310		11¾ ₄
	T-10	Med.	18650	40T10	120	60	•Clear	B, C-8	1000	420		5¾ ₈

▼ Burn base down.
 ▼ Burn base down to horizontal.

• Indicates Aluminum Base.
 ESP WE SUGGEST An Energy Saving Product.

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
40	T-10	Med.	18488	40T10/CL/BL	120	12	•Clear	B, C-8	1000	420		5 $\frac{5}{8}$
			18651	40T10	125	60	•Clear	B, C-8	1000	420		5 $\frac{5}{8}$
			18652	40T10	130	60	•Clear	B, C-8	1000	420		5 $\frac{5}{8}$
			18664	40T10/CF	120	60	•Ceramic Frost	B, C-8	1000	415		5 $\frac{5}{8}$
			18490	40T10/CF/BL	120	12	•Ceramic Frost	B, C-8	1000	415		5 $\frac{5}{8}$
			18668	40T10/CF	125	60	•Ceramic Frost	B, C-8	1000	415		5 $\frac{5}{8}$
			18669	40T10/CF	130	60	•Ceramic Frost	B, C-8	1000	415		5 $\frac{5}{8}$
			18693	40T10/RFL	120	60	•Reflector ⁶	C, CC-8	1000	374		5 $\frac{5}{8}$
42	MB-19	Med.	18900	42MB/CAP	120	40	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	665	3 $\frac{3}{8}$	4 $\frac{3}{8}$
			18901	42MB/CAP	130	40	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	665	3 $\frac{3}{8}$	4 $\frac{3}{8}$
45	PAR-38	Med. Skt.	14588	45PAR38/CAP/FL	120	15	•Flood, Tungsten Halogen Capsule ¹⁰ 28A	C, CC-8	2000	1800 ^{CP(32)}		5 $\frac{5}{16}$
			14591	45PAR38/CAP/FL	130	15	•Flood, Tungsten Halogen Capsule ¹⁰ 28A	C, CC-8	2000	1800 ^{CP(32)}		5 $\frac{5}{16}$
			14589	45PAR38/CAP/SP	120	15	•Spot, Tungsten Halogen Capsule ¹⁰ 28A	C, CC-8	2000	4500 ^{CP(15)}		5 $\frac{5}{16}$
			14592	45PAR38/CAP/SP	130	15	•Spot, Tungsten Halogen Capsule ¹⁰ 28A	C, CC-8	2000	4500 ^{CP(15)}		5 $\frac{5}{16}$
			14590	45PAR38/CAP/NSP	120	15	•Narrow Spot, Tungsten Halogen Capsule ¹⁰ 28A	C, CC-8	2000	11,500 ^{CP(9)}		5 $\frac{5}{16}$
			14593	45PAR38/CAP/NSP	130	15	•Narrow Spot, Tungsten Halogen Capsule ¹⁰ 28A	C, CC-8	2000	11,500 ^{CP(9)}		5 $\frac{5}{16}$
			14010	45PAR38/CAP/WFL	130	15	•Wide Flood Tungsten Halogen Capsule	C, CC-8	2000	1,200 ^{CP(5)}		5 $\frac{5}{16}$
48	B-10	▼Cand.	13517	48B10C/4M/SS	120	24	•Clear, SuperSaver®Decor	C, C-7A	4000	456		4 $\frac{5}{16}$
		▼	13518	48B10C/W/4M/SS	120	24	•White, SuperSaver®Decor	C, C-7A	4000	438		4 $\frac{5}{16}$
	C-11	▼Med.	13534	48C11/4M/SS	120	24	•Clear, SuperSaver® Decor 4	C, C-7A	4000	528		4
		▼	13535	48C11/W/4M/SS	120	24	•White, SuperSaver® Decor 4	C, C-7A	4000	502		4
50	A-19	Med.	10458	50A/RS	30	120	I.F., Rough Service	B, C-9	1000	530	2 $\frac{1}{2}$	3 $\frac{1}{16}$
			10459	50A/RS	34	120	I.F., Rough Service	B, C-9	1000	530	2 $\frac{1}{2}$	3 $\frac{1}{16}$
			11068	50A19/RS	75	120	Train, I.F., Rough Service ¹²	B, C-9	1000	505	2 $\frac{1}{2}$	3 $\frac{1}{16}$
			11131	50A19/31	115-125	120	Clear, Bake Oven	B, C-9	1000	500	2 $\frac{1}{2}$	3 $\frac{1}{16}$
			14886	50A/VS	120	120	•I.F., Vibration Service [®]	B, C-9	1000	565	2 $\frac{1}{2}$	3 $\frac{1}{16}$

▼ Burn base down.

• Indicates Aluminum Base.

* Heat Resistant Glass Weather Durable (Hard Glass).

¹⁰ PAR lamps are suitable for indoor and outdoor use.

⊗ Not recommended for horizontal burning.

CP CandlePower

[®] Available with brass base.

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
50	A-19	Med.	14889	50A/VS	125-130	120	•I.F., Vibration Service®	B, C-9	1000	565	2½	3½/16
		Med.	14868	50A/CL/VS	120	120	•Clear, Vibration Service	B, C-9	1000	565	2½	3½/16
		Med.	14870	50A/CL/VS	130	120	•Clear, Vibration Service	B, C-9	1000	565	2½	3½/16
			11118	50A/RS/SL	115-125	120	Safe Line Rough Service ¹⁰¹	B, C-9	1000	510	2½	3½/16
			11395	50A	230	120	•Inside Frosted	B, CC-7A	1000	490	2½	3½/16
			11397	50A	250	120	•Inside Frosted	B, CC-7A	1000	490	2½	3½/16
			11420	50A19/37	230	120	•Clear	B, CC-7A	1000	490	2½	3½/16
			11422	50A19/37	250	120	•Clear	B, CC-7A	1000	490	2½	3½/16
			11425	50A/RS	230	120	•I.F., Rough Service	B, C-22	1000	450	2½	3½/16
			11393	50A/RS	250	120	•I.F., Rough Service	B, C-22	1000	450	2½	3½/16
			11428	50A19	277	120	•Inside Frosted, Mine	B, CC-7A	1000	475	2½	3½/16
			11401	50A19	300	120	•Inside Frosted, Mine	B, CC-7A	1000	475	2½	3½/16
			11433	50A19/RS	277	120	•I.F., Rough Service	B, C-22	1000	440	2½	3½/16
			11427	50A19/R/RS	277	120	•Red, Rough Service	B, C-22	1000			3½/16
			11447	50A19/35	277	120	•Clear, Mine	B, CC-7A	1000	475	2½	3½/16
			11449	50A19/35	300	120	•Clear, Mine	B, CC-7A	1000	475	2½	3½/16
			11448	50A/R	250	120	•Red Ceramic	B, CC-7A	1000			3½/16
			11450	50A/R	300	120	•Red Ceramic	B, CC-7A	1000			3½/16
A-21	Med.		11561	50A21	6	120	Inside Frosted®	C, C-6	1000	830	3¾	4½/16
	Med.	L.H.T.	11562	50A21/LHT	6	120	L.H. Thread, Inside Frosted	C, C-6	1000	830	3¾	4½/16
	Med.		11569	50A21	12	120	Inside Frosted®	C, C-6	1000	865	3¾	4½/16
			11652	50A21	30	120	In. Frosted, Train & Country Home	C, C-9	1000	820	3¾	4½/16
			11654	50A21	32	120	Inside Frosted, Train	C, C-9	1000	840	3¾	4½/16
			11604	50A21	34	120	Inside Frosted, Train	C, C-9	1000	860	3¾	4½/16
			11680	50A21	47	120	Inside Frosted, Emergency	C, C-9	1000	690	3¾	4½/16
			11684	50A21	60	120	Inside Frosted, Train	C, C-9	1000	698	3¾	4½/16
50 100 150	A-21	▼Kon-Tact Med.	18060	50/150A/W/RP	120	12	•Soft White Three-Way⇒	C, CC-8	1200	640 1580 2220		5½/16
<div>ESP</div> WE SUGGEST 135/78A19/W/HI-LO 120 Volts, An Energy Saving Product												
		▼	18061	50/150A/W/RP	125	12	•Soft White Three-Way⇒	C, CC-8	1200	640 1580 2220		5½/16
		▼	18726	50/150A/SPK/RP	115-125	12	•Soft Pink, Three-Way⇒	C, CC-8	1200			5½/16
50 100 150	PS-25	3C Mog.	15362	50/150	120	24	•Inside Frosted, Three-Way	C, CC-8	1200	640 1600 2240		6¼/16

⊗ Not recommended for horizontal burning.

▼ Burn base down.

• Indicates Aluminum Base.

Ⓑ Available with brass base.

⊗ Do not insert in household sockets.

ESP WE SUGGEST An Energy Saving Product.

⇒ Sylvania Kon-Tact base designed for better service in all 3-way medium sockets.

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
50 100 150	PS-25	Med.	15363	50/150	125	24	• Inside Frosted, Three-Way	C, CC-8	1200	640		6 ¹³ / ₁₆
50 200 250	A-23	▼Kon-Tact Med.	19404	50/250/W/RP	120	12	• Soft White, Three-Way ⇒	C, CC-8	1200	640 3600 4240		5 ¹⁵ / ₁₆
50	ER-30	Med.	15102	50ER30	120	24	• I.F. Elliptical Refl. ^{19,32}	C, CC-6	2000	525		6 ³ / ₈
			15107	50ER30	130	24	• I.F. Elliptical Refl. ^{19,32}	C, CC-6	2000	525		6 ³ / ₈
50	ER-30	Med.	15106	50ER30/PK	120	24	• Pink Elliptical Refl. ^{19,32}	C, CC-6	2000			6 ³ / ₈
50	PAR-20	Med.	14525	▽ 50PAR20/CAP/NFL	120	15	• Narrow Flood, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	1250 _{CP(32)}		3 ¹ / ₄
			14529	▽ 50PAR20/CAP/NFL	130	15	• Narrow Flood, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	1250 _{CP(32)}		3 ¹ / ₄
			14524	▽ 50PAR20/CAP/NSP	120	15	• Narrow Spot, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	4600 _{CP(12)}		3 ¹ / ₄
			14528	▽ 50PAR20/CAP/NSP	130	15	• Narrow Spot, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	4600 _{CP(12)}		3 ¹ / ₄
50	PAR-30	Med.	14532	▽ 50PAR30/CAP/FL	120	15	• Flood Tungsten, Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	1100 _{CP(42)}		3 ⁵ / ₈
			14533	▽ 50PAR30/CAP/FL	130	15	• Flood Tungsten, Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	1100 _{CP(42)}		3 ⁵ / ₈
			14527	▽ 50PAR30/CAP/NFL	120	15	• Narrow Flood, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	1750 _{CP(32)}		3 ⁵ / ₈
			14531	▽ 50PAR30/CAP/NFL	130	15	• Narrow Flood, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	1750 _{CP(32)}		3 ⁵ / ₈
			14526	▽ 50PAR30/CAP/NSP	120	15	• Narrow Spot, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	6500 _{CP(12)}		3 ⁵ / ₈
			14530	▽ 50PAR30/CAP/NSP	130	15	• Narrow Spot, Tungsten Halogen Capsule ¹⁹ _{28A, 116}	C, CC-8	2000	6500 _{CP(12)}		3 ⁵ / ₈
	R-20	Med.	14831	50R20	120	60	Light Inside Frosted, Reflector	C, C-9	2000	550 _{CP(38)}		3 ¹⁵ / ₁₆
			14833	50R20/RP	120	6	• Light Inside Frosted, Reflector	C, C-9	2000	550 _{CP(38)}		3 ¹⁵ / ₁₆
			14832	50R20	125-130	60	• Light Inside Frosted, Reflector	C, C-9	2000	550 _{CP(38)}		3 ¹⁵ / ₁₆
			14842	50R20/GRO	120	6	Reflector, Spot-GRO	C, C-9	1000			3 ¹⁵ / ₁₆
			14834	50R20/PK	120	60	Pink Reflector ^{19,32}	C, C-9	2000			3 ¹⁵ / ₁₆
52	A-17	Med.	17751	60A/52/SS	120	120	• Inside Frost, SuperSaver®	C, CC-8	1000	800	3 ¹ / ₈	4 ⁵ / ₁₆
			17755	60A/52/SS	130	120	• Inside Frost, SuperSaver®	C, CC-8	1000	800	3 ¹ / ₈	4 ⁵ / ₁₆

▼ Burn base down.

▽ Exclusive Sylvania Design.

• Indicates Aluminum Base.

★ Heat Resistant Glass Weather Durable (Hard Glass).

⇒ Sylvania Kon-Tact base designed for better service in all 3-way medium sockets.

□ PAR lamps are suitable for indoor and outdoor use.

CP CandlePower

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
52	A-17	Med.	17771	60A/52/SSXL	120	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	775	3 1/8	4 5/16
			17775	60A/52/SSXL	130	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	775	3 1/8	4 5/16
	MB-19	Med.	18915	52MB/CAP	120	40	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	885	3 3/8	4 3/8
			18916	52MB/CAP	130	40	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	885	3 3/8	4 3/8
55	A-19	Med.	12212	55A/CL/EP	120	24	•Clear, Energy Pincher®	C, CC-8	1000	890	3 1/8	4 7/16
			12200	55A/W/EP	120	24	•Soft White, Energy Pincher®	C, CC-8	1000	870	3 1/8	4 7/16
	PAR-16		59030	55PAR16/CAP/NFL	120	15	Designer 16, Narrow Flood	C, CC-8	2000	1300 ^{CP(30°)}		2 7/8
			59032	55PAR16/CAP/NSP	120	15	Designer 16, Narrow Spot	C, CC-8	2000	5000 ^{CP(12°)}		2 7/8
	PAR-38	Med. Skt.	14511	55PAR/FL/SS	120-130	15	•Flood, SuperSaver® ¹¹⁶	C, CC-6	3000	520		5 5/16
			14512	55PAR/SP/SS	120-130	15	•Spot, SuperSaver® ¹¹⁶	C, CC-6	3000	520		5 5/16
56	A-21	Med.	12208	56A21	120	120	•Inside Frosted, Ry., (Watts Centered at .519 Amps.)	B, C-9	2000	604	2 7/8	4 7/16
58	A-19	Med.	11149	58A19/62	120	120	St. Lighting, Group Replacement	C, C-9	3000	656	2 7/8	4 1/4
			11150	58A19/62	125	120	St. Lighting, Group Replacement	C, C-9	3000	656	2 7/8	4 1/4
60	A-19	Med.	10640	60A	24	120	Inside Frosted, Dental Spot	C, C-9	1000			4 7/16
	A-17	Med.	17741	60A	120	120	•Inside Frosted	C, CC-8	1100	890	3 1/8	4 5/16
							WE SUGGEST 60A/52/SS 120 Volts, An Energy Saving Product					
	A-19	Med.	11214	60A/RP	120	24	•Inside Frosted	C, CC-8	1000	890	3 1/8	4 7/16
			10477	60A	125	120	•Inside Frosted	C, CC-8	1000	890	3 1/8	4 7/16
	A-17	Med.	17745	60A	130	120	•Inside Frosted	C, CC-8	1100	890	3 3/8	4 5/16
							WE SUGGEST 60A/52/SS 130 Volts, An Energy Saving Product					
	A-19	Med.	12280	60A/GRO	120	6	Spot-GRO	C, C-9	1000			4 7/16
			10553	60A/CL	120	120	•Clear	C, CC-8	1000	890	3 1/8	4 7/16
			11224	60A/CL/RP	120	24	•Clear	C, CC-8	1000	890	3 1/8	4 7/16
							WE SUGGEST 55A/CL/EP 120 Volts, An Energy Saving Product					
			10555	60A/CL	130	120	•Clear	C, CC-8	1000	890	3 1/8	4 7/16
			10480	60A/D	115-125	120	•Inside Frosted, Daylight	C, CC-8	1000		3 1/8	4 7/16
			10479	60A/D	130	120	•Inside Frosted, Daylight	C, CC-8	1000		3 1/8	4 7/16
			10481	60A/DCL	115-125	120	•Clear, Daylight	C, CC-8	1000		3 1/8	4 7/16
			10613	60A/SB	120	120	•I.F., Silver Bowl ²⁰	C, CC-8	1000	758		4 7/16
			11324	60A/LLW/RP	120	24	•Soft White Plus	C, CC-8	1500	825		4 7/16
			11208	60A/W/RP	120	24	•Soft White	C, CC-8	1050	870		4 7/16
							WE SUGGEST 55A/W/EP 120 Volt, An Energy Saving Product					

Exclusive Sylvania Design.

Indicates Aluminum Base.



CP CandlePower

* Heat Resistant Glass Weather Durable (Hard Glass).

PAR lamps are suitable for indoor and outdoor use.

WE SUGGEST An Energy Saving Product.

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
60	A-19	Med.	11209	60A/W/RP	125	24	•Soft White	C, CC-8	1050	870		4 ⁷ / ₁₆
			10390	60A/Y/RP	120	24	•Yellow ^{Bug-lite}	C, CC-8	1000			4 ⁷ / ₁₆
			10391	60A/Y/RP	125	24	•Yellow ^{Bug-lite}	C, CC-8	1000			4 ⁷ / ₁₆
			10386	60A/Y/RP	130	24	•Yellow ^{Bug-lite}	C, CC-8	1000			4 ⁷ / ₁₆
	A-17	Med.	17761	60A/99/XL	120	120	Inside Frosted, Excel Line® ⁸³	C, CC-8	2500	775	3 ¹ / ₈	4 ⁹ / ₁₆
			 WE SUGGEST 60A/52/SSXL 120 Volts, An Energy Saving Product									
			17765	60A/99/XL	130	120	Inside Frosted, Excel Line® ⁸³	C, CC-8	2500	775	3 ¹ / ₈	4 ⁹ / ₁₆
	 WE SUGGEST 60A/52/SSXL 130 Volts, An Energy Saving Product											
	A-19	Med.	12416	60A/RS	120	120	•Inside Frosted, Rough Service®	C, C-17	1000	575	3 ¹ / ₈	4 ⁷ / ₁₆
			12986	60A/RS/RP	120	12						
			12417	60A/RS	125-130	120	•Inside Frosted, Rough Service	C, C-17	1000	575	3 ¹ / ₈	4 ⁷ / ₁₆
			12418	60A/CL/RS	120	120	•Clear, Rough Service	C, C-17	1000	575	3 ¹ / ₈	4 ⁷ / ₁₆
			12419	60A/CL/RS	125-130	120	•Clear, Rough Service	C, C-17	1000	575	3 ¹ / ₈	4 ⁷ / ₁₆
			10501	60A/SL	120	120	Safe Line, Inside Frosted	C, CC-8	1000	870	3 ¹ / ₈	4 ⁷ / ₁₆
			12286	60A19/CO	120	120	•Orange Ceramic ®84	C, C-9	1000	870		4 ⁷ / ₁₆
			12288	60A19/CB	120	120	•Blue Ceramic ®84	C, C-9	1000	870		4 ⁷ / ₁₆
			12289	60A19/CG	120	120	•Green Ceramic ®84	C, C-9	1000	870		4 ⁷ / ₁₆
			12285	60A19/CR	120	120	•Red Ceramic ®84	C, C-9	1000	870		4 ⁷ / ₁₆
			12284	60A19/R2	120	120	•Rose Ceramic ®84	C, C-9	1000	870		4 ⁷ / ₁₆
			Med. L.H.T.	10572	60A/LHT	125	120	I.F., Left Hand Thread	C, CC-8	1000	890	3 ¹ / ₈
	A-21	▼Med.	12448	60A21/TS	120	120	•Clear, Traffic Signal	C, C-9	2000	685	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12449	60A21/TS	125	120	•Clear, Traffic Signal	C, C-9	2000	685	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12454	60A21/TS/4M	120	120	Clear, Traffic Signal	C, C-9	4000	585	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12455	60A21/TS/4M	125	120	Clear, Traffic Signal	C, C-9	4000	585	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			11459	60A21	230	120	•Inside Frosted	B, CC-7A	1000	588	2 ⁷ / ₈	4 ⁷ / ₁₆
			11460	60A21	250	120	•Inside Frosted	B, CC-7A	1000	588	2 ⁷ / ₈	4 ⁷ / ₁₆
Decor	B-10	Cand.	13460	60B10C/BL	120-125	12	•Clear	C, C-7A	1575	672		4 ⁵ / ₁₆
			13572	60B10C/BAG PK	120-125	200	•Clear	C, C-7A	1575	672		4 ⁵ / ₁₆
			13461	60B10C/W/BL	120-125	12	•White	C, C-7A	1575	645		4 ⁵ / ₁₆
			13575	60B10C/W/BAG PK	120-125	200	•White	C, C-7A	1575	645		4 ⁵ / ₁₆
			13425	60B10C/CF	120-125	24	•Ceramic Frost	C, C-7A	1575	645		4 ⁵ / ₁₆
			13428	60B10C/CF/BL	120-125	12	•Ceramic Frost	C, C-7A	1575	645		4 ⁵ / ₁₆
			13494	60B10C/ST	120-125	24	•Clear, Straight Top	C, C-7A	1575	672		4 ⁵ / ₁₆
			13462	60B10C/ST/BL	120-125	12	•Clear, Straight Top	C, C-7A	1575	672		4 ⁵ / ₁₆
			13463	60B10C/ST/W/BL	120-125	12	•White, Straight Top	C, C-7A	1575	645		4 ⁵ / ₁₆
	C-11	▼Cand.	13593	60C11C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			4 ¹ / ₈
▼Med.		13442	60C11/BL	120-125	12	•Clear	C, C-7A	1500	648		4	
▼		13443	60C11/W/BL	120-125	12	•White	C, C-7A	1500	616		4	

▼ Burn base down to horizontal.

▼ Burn base down.

• Indicates Aluminum Base.



Available with brass base.

Do not burn in paper lined sockets.



WE SUGGEST An Energy Saving Product.

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
60	C-11	▼Med.	13472	60C11/W/4M	120-125	24	•White, Decor 4	C, C-7A	4000	530		4
<div>esp</div> WE SUGGEST 48C11/W/4M/SS 120 Volts, An Energy Saving Product												
	C-15	▼Med.	13757	60C15/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-9	4000			4½
	F-15	▼Med.	13993	60F	120-125	24	•Clear	C, C-7A	1500	690		4½
	G-25	Med.	14280	60G25	120-130	24	•Clear, Decor	C, C-9	1500	715		4⅞
			14281	60G25/W	120-130	24	•White, Decor	C, C-9	1500	678		4⅞
	G-30	Med.	14403	60G30/W	120-130	24	•White, Decor	C, C-9	2500	684		5½
			14406	60G30/W/RP	120-130	6	•White, Decor	C, C-9	2500	650		5½
	G-40	Med.	14689	60G40	120-130	6	•Clear, Decor	C, C-9	2500	576	4⅜	6⅝
			14621	60G40/RP	120-130	6	•Clear, Decor	C, C-9	2500	576	4⅜	6⅝
			14690	60G40/W	120-130	6	•White, Decor	C, C-9	2500	492		6⅝
			14622	60G40/W/RP	120-130	6	•White, Decor	C, C-9	2500	492		6⅝
	GT-19	▼Med.	14318	60SCH	120	12	•Sm. Chimney, Decor ⁴⁴	C, C-9	1500	675		5⅜
		▼	14319	60SCH/A	120	12	•Amber Chimney, Decor ⁴⁴	C, C-9	1500			5⅜
	GT-24	▼Med. Skt.	14290	60CH	120	6	Chimney, Decor ⁴⁴	C, C-9	3000	585		8⅜
	PAR-46	Scr. Term	15199	60PAR	38	12	Cl., Mine Locomotive Headlight ¹⁰	C, CC-2V	800	11500 ⁽¹⁰⁾		3¾
			15201	60PAR/2/R	38	12	Red Train Warning	C, CC-2V	800			3¾
Lumiline	T-8	Disc.	19673	L60	115-125	24	Clear ⁷	B, C-8	1500	550		17¾
			19679	L60/IF	115-125	24	Inside Frosted ⁷	B, C-8	1500	550		17¾
			19685	L60/W	115-125	24	White ⁷	B, C-8	1500	465		17¾
	T-10	▼Med.	18711	60T10/CF	120	60	•Ceramic Frost Showcase	C, C-8	1000	630		5⅝
		▼	18710	60T10/64	120	60	•Clear, Showcase	C, C-8	1000	655		5⅝
64	A-21	▼Med.	12463	64A21/TS	120	120	Clear, Traffic Signal	C, C-9	3000	691	2⅞	4⅞
		▼	12465	64A21/TS	125	120	Clear, Traffic Signal	C, C-9	3000	691	2⅞	4⅞
		▼	12464	64A21/TS	130	120	Clear, Traffic Signal	C, C-9	3000	691	2⅞	4⅞
65	PAR-38	Med. Skt.	14569	75/65PAR/FL/SS	120	15	•Flood, SuperSaver [®] ¹¹⁶	C, CC-6	2000	1850 ⁽²⁸⁾		5⅝
			15532	65PAR/FL/EP	120	6	•Flood, Energy Pincher [®] ¹⁰	C, CC-6	2000	1850 ⁽²⁸⁾		5⅝
			14570	75/65PAR/FL/SS	130	15	•Flood, SuperSaver [®] ¹¹⁶	C, CC-6	2000	5100 ⁽¹³⁾		5⅝
			14567	75/65PAR/SP/SS	120	15	•Spot, SuperSaver [®] ¹¹⁶	C, CC-6	2000	5100 ⁽¹³⁾		5⅝
			15533	65PAR/SP/EP	120	6	•Spot, Energy Pincher [®] ¹⁰	C, CC-6	2000	5100 ⁽¹³⁾		5⅝
			14568	75/65PAR/SP/SS	130	15	•Spot, SuperSaver [®] ¹¹⁶	C, CC-6	2000	5100 ⁽¹³⁾		5⅝
67	A-17	Med.	17752	75A/67/SS	120	120	•Inside Frost, SuperSaver [®]	C, CC-8	750	1130		4⅝
			17756	75A/67/SS	130	120	•Inside Frost, SuperSaver [®]	C, CC-8	750	1130		4⅝

▼ Burn base down.
 ▼ Burn base down to horizontal.
 • Indicates Aluminum Base.

★ Heat Resistant Glass Weather Durable (Hard Glass).
¹⁰ PAR lamps are suitable for indoor and outdoor use.

esp

WE SUGGEST An Energy Saving Product.
 Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
67	A-17	Med.	17772	75A/67/SSXL	120	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	970	3 1/8	4 5/16
			17776	75A/67/SSXL	130	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	970	3 1/8	4 5/16
	A-21	Med.	12466	67A21/40	120	120	Clear, Traffic Signal	C, C-9	3000	665	2 7/16	4 7/16
			12467	67A21/40	125	120	Clear, Traffic Signal	C, C-9	3000	665	2 7/16	4 7/16
			12468	67A21/40	130	120	Clear, Traffic Signal	C, C-9	3000	665	2 7/16	4 7/16
			12560	67A21/40/8M	120	120	Clear, Traffic Signal	C, C-9	8000	610	2 7/16	4 7/16
			12561	67A21/40/8M	125	120	Clear, Traffic Signal	C, C-9	8000	610	2 7/16	4 7/16
			12562	67A21/40/8M	130	120	Clear, Traffic Signal	C, C-9	8000	610	2 7/16	4 7/16
69	A-21	Med.	12490	69A21/TS/8M	120	120	Clear, Traffic Signal	C, C-9	8000	675	2 7/16	4 7/16
			12491	69A21/TS/8M	125	120	Clear, Traffic Signal	C, C-9	8000	675	2 7/16	4 7/16
			12492	69A21/TS/8M	130	120	Clear, Traffic Signal	C, C-9	8000	675	2 7/16	4 7/16
70	A-19	Med.	12230	70A/CL/EP	120	24	•Clear, Energy Pincher®	C, CC-8	750	1210	3 1/8	4 7/16
			12240	70A/W/EP	120	24	•Soft White, Energy Pincher®	C, CC-8	750	1180	3 1/8	4 7/16
72	MB-19	Med.	18930	72MB/CAP	120	40	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	1300	3 3/8	4 3/8
			18931	72MB/CAP	130	40	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	1300	3 3/8	4 3/8
75	A-17	Med.	17742	75A	120	120	•Inside Frosted	C, CC-8	825	1210	3 1/8	4 5/16
			WE SUGGEST 75A/67/SS 120 Volts, An Energy Saving Product									
	A-19	Med.	12521	75A/RP	120	24	•Inside Frosted	C, CC-8	750	1210	3 1/8	4 7/16
			12505	75A	125	120	•Inside Frosted	C, CC-8	750	1210	3 1/8	4 7/16
	A-17	Med.	17746	75A	130	120	•Inside Frosted	C, CC-8	825	1210	3 1/8	4 5/16
			WE SUGGEST 75A/67/SS 130 Volts, An Energy Saving Product									
			17762	75A/99/XL	120	120	•I.F., Excel-Line® ⁸³	C, CC-8	2500	970	3 1/8	4 5/16
			WE SUGGEST 75A/67/SSXL 120 Volts, An Energy Saving Product									
	A-19	Med.	17766	75A/99/XL	130	120	I.F., Excel-Line® ⁸³	C, CC-8	2500	970	3 1/8	4 5/16
			WE SUGGEST 75A/67/SSXL 130 Volts, An Energy Saving Product									
			12500	75A/CL	120	120	•Clear	C, CC-8	750	1210	3 1/8	4 7/16
			11225	75A/CL/RP	120	24	•Clear	C, CC-8	750	1210	3 1/8	4 7/16
	A-19	Med.	WE SUGGEST 70A/CL/EP 120 Volts, An Energy Saving Product									
			12502	75A/CL	130	120	•Clear	C, CC-8	750	1210	3 1/8	4 7/16
			11337	75A/LLW/RP	120	24	•Soft White Plus	C, CC-8	1500	1080	3 1/8	4 7/16
			10967	75A/W/RP	120	24	•Soft White	C, CC-8	788	1180	3 1/8	4 7/16
	A-21	Med.	WE SUGGEST 70A/W/EP 120 Volts, An Energy Saving Product									
			10968	75A/W/RP	125	24	•Soft White	C, CC-8	788	1180	3 1/8	4 7/16
			12300	75A/RX	115-125	120	Ceramic Red, Exit	C, CC-6	(1)			4 7/16
			11570	75A21	6	120	Inside Frosted	C, C-6	1000	1070	3 7/8	5 5/16
	A-21	Med.	11571	75A21	12	120	Inside Frosted	C, C-6	1000	1420	3 7/8	5 5/16
			12546	75A21/RS	120	120	•Inside Frosted, Rough Service	C, C-17	1000	818	3 7/8	5 5/16
			12547	75A21/RS/SL	115-125	120	Inside Frost Rough Service, Safeline®Coated ¹⁰¹	C, C-17	1000	800	3 7/8	5 5/16

⏏ Burn base down to horizontal.
 ⚡ Exclusive Sylvania Design.

• Indicates Aluminum Base.
 ⚡ WE SUGGEST An Energy Saving Product.

⚡ Do not insert in household sockets.
 Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
75	A-21	Med.	12548	75A21/RS	125-130	120	•Inside Frosted, Rough Service	C, C-17	1000	818	3 7/8	5 1/16
			12974	75A21/D	115-125	120	•Inside Frosted, Daylight	C, CC-6	750	730		5 1/16
			13386	75A21	230	120	•Inside Frosted	C, C-9	1000	850	3 7/8	5 1/16
			13388	75A21	250	120	•Inside Frosted	C, C-9	1000	850	3 7/8	5 1/16
	A-23	Med.	12870	75A23	30	120	•I.F., Train & Country Home	C, C-9	1000	1230	4 3/8	6 1/16
	ER-30	Med.	15100	75ER30	120	24	•I.F., Elliptical Rfl. (P) 19,32	C, CC-6	2000	850		6 3/8
			15101	75ER30	130	24	•I.F., Elliptical Rfl. (P) 19,32	C, CC-6	2000	850		6 3/8
	PAR-16	Med.	59034	75PAR16/CAP/NFL	120	15	Designer 16, Narrow Flood (P)	C, CC-8	2000	2000(30°)		2 7/8
			59036	75PAR16/CAP/NSP	120	15	Designer 16, Narrow Spot (P)	C, CC-8	2000	7500(12°)		2 7/8
	PAR-30	Med.	14603	75PAR30/CAP/NFL	120	15	Narrow Flood, Tungsten Halogen Capsylite (IO) (P)	C, CC-8	2000	3000(32°)		3 3/8
			14604	75PAR30/CAP/NSP	120	15	Narrow Spot, Tungsten Halogen Capsylite (P)	C, CC-8	2000	10000(12°)		3 3/8
			14606	75PAR30/CAP/FL	120	15	Flood Tungsten Halogen Capsylite (P)	C, CC-8	2000	1800(42°)		3 3/8
	PAR-38	Med. Skt.	13830	75PAR/SP	120	12	*Spot (IO) 116	C, CC-6	2000	765		5 1/16
							WE SUGGEST 75/65PAR/SP/SS 120 Volts, An Energy Saving Product					
			13832	75PAR/SP	125-130	12	*Spot 116	C, CC-6	2000	765		5 1/16
							WE SUGGEST 75/65PAR/SP/SS 130 Volts, An Energy Saving Product					
			15518	75PAR/FL/RP	120	6	*Flood (IO) 116	C, CC-6	2000	765		5 1/16
							WE SUGGEST 75/65PAR/FL/EP 120 Volts, An Energy Saving Product					
			13835	75PAR/FL	125-130	12	*Flood (IO) 116	C, CC-6	2000	765		5 1/16
							WE SUGGEST 75/65PAR/FL/SS 130 Volts, An Energy Saving Product					
			14975	75PAR38/2FL	115-125	12	*Dichroic Cool-Lux Rfl. Fl. (IO) (P) 56	C, CC-6	2000	900		5 1/16
			15524	75PAR38/2FL	125-130	12	*Dichroic Cool-Lux Rfl. Fl. (IO) (P) 56	C, CC-6	2000	900		5 1/16
	Med. Side Prong		13850	75PAR/3FL	120	12	*Compact Flood (IO) 116	C, CC-6	2000	765		4 1/16
			13844	75PAR/3SP	120	12	*Compact Spot (IO) 116	C, CC-6	2000	765		4 1/16
	PAR-46	Scr. Term	15200	75PAR46	48	12	*Cl., Mine Locomotive Headlight (IO)	C, CC-2V	800	14500(20°)		4
	R-30	Med.	15038	75R30/SP	120	24	•Reflector Spot, I.F. (P) 19,32	C, CC-6	2000	1600CP(50°)		5 3/8
			15069	75R30/SP/RP	120	6	•Reflector Spot, I.F. (P) 19,32	C, CC-6	2000	1600CP(50°)		5 3/8
			15094	75R30/SP/6	120	6	•Reflector Spot, I.F. (P) 19,32	C, CC-6	2000	1600CP(50°)		5 3/8
			15040	75R30/SP	125-130	24	•Reflector Spot, I.F. (P) 19,32	C, CC-6	2000	1600CP(50°)		5 3/8

Exclusive Sylvania Design.

• Indicates Aluminum Base.

* Heat Resistant Glass Weather Durable (Hard Glass).

(P) Burn only in porcelain sockets.

(IO) PAR lamps are suitable for indoor and outdoor use.

WE SUGGEST An Energy Saving Product.

CP CandlePower

† Field Angle: All Other Beam Angle.

Numbered Footnotes are listed on page 88.

PAR 38
MED
SKT.

A-15-19



INCANDESCENT

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
75	R-30	Med.	15095	75R30/SP/6	125	6	•Reflector Spot, I.F.® ^{19,32}	C, CC-6	2000	1600 ^(50°†CP)		5½
			15041	75R30/FL	120	24	•Reflector Flood, I.F.® ^{19,32}	C, CC-6	2000	470 ^(130°†CP)		5½
			WE SUGGEST 50ER30 120 Volts, An Energy Saving Product									
			15068	75R30/FL/RP	120	6	•Reflector Flood, I.F.® ^{19,32}	C, CC-6	2000	470 ^{CP(130°†)}		5½
			15079	75R30/FL/6	120	6	•Reflector Flood, I.F.® ^{19,32}	C, CC-6	2000	470 ^{CP(130°†)}		5½
			15080	75R30/FL/RP	125	6	•Reflector Flood, I.F.® ^{19,32}	C, CC-6	2000	470 ^{CP(130°†)}		5½
			15043	75R30/FL	125-130	24	•Reflector Flood, I.F.® ^{19,32}	C, CC-6	2000	470 ^{CP(130°†)}		5½
			WE SUGGEST 50ER30 130 Volts, An Energy Saving Product									
			15045	75R30/FL/SL	125-130	24	•Rfl. Flood, I.F., Safeline® Coated® ^{19,32}	C, CC-6	2000			5½
			15087	75R30/A/RP	115-125	6	•Rfl. Light I.F. Amber® ^{12,32}	C, CC-6	2000			5½
			15083	75R30/B/RP	115-125	6	•Rfl. Light I.F. Blue® ^{19,32}	C, CC-6	2000			5½
			15082	75R30/G/RP	115-125	6	•Rfl. Light I.F. Green® ^{19,32}	C, CC-6	2000			5½
			15084	75R30/PK/RP	115-125	6	•Rfl. Light I.F. Pink® ^{19,32}	C, CC-6	2000			5½
			WE SUGGEST 50ER30/PK 120 Volts, An Energy Saving Product									
			15085	75R30/R/RP	115-125	6	•Rfl. Light I.F. Red® ^{19,32}	C, CC-6	2000			5½
			15086	75R30/Y/RP	115-125	6	•Rfl. Light I.F. Yellow® ^{19,32}	C, CC-6	2000			5½
			15104	75R30/GRO	120	6	•Reflector Spot-GRO	C, CC-6	2000			5½
	R-40	Med.	15063	75R/FL	120	24	•I.F., Reflector Flood ¹⁹	C, CC-6	2000	460 ^{CP(120°†)}		6½
			15064	75R/FL/RP	120	6	I.F., Reflector Flood ¹⁹	C, CC-16	2000	460 ^{CP(120°†)}		6½
			15062	75R/FL	125-130	24	•I.F., Reflector Flood ¹⁹	C, CC-6	2000	460 ^{CP(120°†)}		6½
76	A-23	Med.	12997	76A23/47	125	120	Clear, St. Ltg., Gr. Replace.	C, C-9	3000	920	4¾	6½ ¹⁶
80	PAR-38	Med. Skt.	13899	▽100/80PAR/FL/SS	120	15	•Flood, SuperSaver® ¹⁰ ¹¹⁶	C, CC-6	2000	816		5½ ¹⁶
			13898	▽100/80PAR/SP/SS	120	15	•Spot, SuperSaver® ¹⁰ ¹¹⁶	C, CC-6	2000	816		5½ ¹⁶
			13962	▽100/80PAR/FL/SS	130	15	•Flood, SuperSaver® ¹⁰ ¹¹⁶	C, CC-6	2000	816		5½ ¹⁶
			13961	▽100/80PAR/SP/SS	130	15	•Spot, SuperSaver® ¹⁰ ¹¹⁶	C, CC-6	2000	816		5½ ¹⁶
85	A-23	Med.	12989	85A23/48	120	120	Clear, Street Lighting ²¹	C, C-9	1500	1143	4¾	6½ ¹⁶
90	A-17	Med.	17753	100A/90/SS	120	120	•Inside Frost, SuperSaver®	C, CC-8	750	1620	3½	4½ ¹⁶

▽ Exclusive Sylvania Design.

• Indicates Aluminum Base.

† Field Angle: All Other Beam Angle.

* Heat Resistant Glass Weather Durable (Hard Glass).

Ⓟ Burn only in porcelain sockets.

WE SUGGEST An Energy Saving Product.

Ⓛ PAR lamps are suitable for indoor and outdoor use.

CP CandlePower

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
90	A-17	Med.	17757	100A/90/SS	130	120	•Inside Frost, SuperSaver®	C, CC-8	750	1620	3 1/8	4 1/16
			17773	100A/90/SSXL	120	120	Inside Frost, SuperSaver® XL ⁸³	C, CC-8	2500	1490	3 1/8	4 1/16
			17777	100A/90/SSXL	130	120	Inside Frost, SuperSaver® XL ⁸³	C, CC-8	2500	1490	3 1/8	4 1/16
90/52	A-19	Kon-Tact ▼Med. Brass	12574	90/52A19/W/HI-LO	120	20	Soft White, Hi-Lo Two-Way ⇒	C, CC-8	2500	370 1400	3 1/8	4 7/16
90	PAR-38	Med. Skt.	15536	90PAR/FL/EP	120	6	★Flood, Energy Pincher Plus® I ¹⁰ 28A, 116	C, CC-8	2000	4000 ^{CP(30°)}		5 5/16
			14579	90PAR38/CAP/FL	120	15	★Flood, Tungsten Halogen Capsule I ¹⁰ 28A, 116	C, CC-8	2000	4000 ^{CP(30°)}		5 5/16
			14602	90PAR38/CAP/WFL	130	15	★Flood, Tungsten Halogen Capsule I ¹⁰ 28A, 116	C, CC-8	2000	2500 ^{CP(55°)}		5 5/16
			14577	90PAR38/CAP/FL	130	15	★Flood, Tungsten Halogen Capsule I ¹⁰ 28A, 116	C, CC-8	2000	4000 ^{CP(30°)}		5 5/16
			14580	90PAR38/CAP/SP	120	15	★Spot, Tungsten Halogen Capsule I ¹⁰ 28A, 116	C, CC-8	2000	11,500 ^{CP(15°)}		5 5/16
			14578	90PAR38/CAP/SP	130	15	★Spot, Tungsten Halogen Capsule I ¹⁰ 28A, 116	C, CC-8	2000	11,500 ^{CP(15°)}		5 5/16
			14586	90PAR38/CAP/NSP	120	15	★Narrow Spot, Tungsten Halogen Capsule I ¹⁰ 28A, 116	C, CC-8	2000	22,500 ^{CP(9°)}		5 5/16
			14587	90PAR38/CAP/NSP	130	15	★Narrow Spot, Tungsten Halogen Capsule I ¹⁰ 28A, 116	C, CC-8	2000	22,500 ^{CP(9°)}		5 5/16
			14971	90PAR38/CAP/2FL	120	15	★Flood, Dichroic Coated Cool-Lux Reflector, Tungsten Halogen Capsule P ⁵⁶	C, CC-8	2000	3800 ^{CP(30°)}		5 5/16
			14972	90PAR38/CAP/2SP	120	15	★Spot, Dichroic Coated Cool-Lux Reflector, Tungsten Halogen Capsule P ⁵⁶	C, CC-8	2000	10,000 ^{CP(15°)}		5 5/16
92	A-23	Med.	13008	92A23/49	120	120	Clear, St. Ltg., Gr. Repl. ²¹	C, C-9	3000	1153	4 3/8	6 1/16
			13009	92A23/49	125	120	Clear, St. Ltg., Gr. Repl. ²¹	C, C-9	3000	1153	4 3/8	6 1/16
95	A-19	Med.	12250	95A/CL/EP	120	24	•Clear, Energy Pincher®	C, CC-8	750	1750	3 1/8	4 7/16
			12260	95A/W/EP	120	24	•Soft White, Energy Pincher®	C, CC-8	750	1710	3 1/8	4 7/16
100	A-17	Med.	17743	100A	120	120	•Inside Frosted	C, CC-8	825	1750	3 1/8	4 1/16
	WE SUGGEST 100A/90/SS 120 Volts, An Energy Saving Product											
	A-19	Med.	12735	100A/RP	120	24	•Inside Frosted	C, CC-8	750	1750	3 1/8	4 7/16
			12721	100A	125	120	•Inside Frosted	C, CC-8	750	1750	3 1/8	4 7/16

▼ Burn base down.

• Indicates Aluminum Base.

★ Heat Resistant Glass Weather Durable (Hard Glass).

⇒ Sylvania Kon-Tact base designed for better service in all 3-way medium sockets.

I¹⁰ PAR lamps are suitable for indoor and outdoor use.

P Burn only in porcelain sockets.

WE SUGGEST An Energy Saving Product.
Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
100	A-17	Med.	17747	100A	130	120	•Inside Frosted	C, CC-8	825	1750	3 1/8	4 1/16
<div>ESP</div> WE SUGGEST 100A/90/SS 130 Volts, An Energy Saving Product												
	A-19	Med.	12529	100A/CL	120	120	•Clear	C, CC-8	750	1750	3 1/8	4 1/16
			11226	100A/CL/RP	120	24	•Clear	C, CC-8	750	1750	3 1/8	4 1/16
<div>ESP</div> WE SUGGEST 95A/CL/EP 120 Volts, An Energy Saving Product												
			12531	100A/CL	130	120	•Clear	C, CC-8	750	1750	3 1/8	4 1/16
	A-17	Med.	17763	100A/99/XL	120	120	Inside Frosted Excel-Line® ⁸³	C, CC-8	2500	1490	3 1/8	4 1/16
<div>ESP</div> WE SUGGEST 100A/90/SSXL 120 Volts, An Energy Saving Product												
			17768	100A/99/XL	130	120	Inside Frosted Excel-Line® ⁸³	C, CC-8	2500	1490	3 1/8	4 1/16
<div>ESP</div> WE SUGGEST 100A/90/SSXL 130 Volts, An Energy Saving Product												
	A-19	Med.	12805	100A/LLW/RP	120	24	•Soft White Plus	C, CC-8	1500	1585		4 1/16
			12752	100A/W/RP	120	24	•Soft White	C, CC-8	788	1710		4 1/16
<div>ESP</div> WE SUGGEST 95A/W/EP 120 Volts, An Energy Saving Product												
			12753	100A/W/RP	125	24	•Soft White	C, CC-8	788	1710		4 1/16
			12760	100A/SPK/RP	115-125	12	•Soft Pink	C, CC-8	1000	1290		4 1/16
			12763	100A/Y/RP	115-125	24	•Yellow Bug-lite	C, CC-8	1000			4 1/16
			12765	100A/Y/RP	125	24	•Yellow Bug-lite	C, CC-8	1000			4 1/16
			12756	100A/Y/RP	130	24	•Yellow Bug-lite	C, CC-8	1000			4 1/16
	A-21	Med.	11659	100A21/3	32	120	Locomotive Headlight ²²	C, C-5	500	1580	3	4 1/16
			12871	100A21	120	120	•Inside Frost®	C, CC-8	750	1690	3 7/8	5 1/16
			12872	100A21	125	120	•Inside Frost®	C, CC-8	750	1690	3 7/8	5 1/16
			12873	100A21	130	120	•Inside Frost®	C, CC-8	750	1690	3 7/8	5 1/16
			12867	100A21/CL	120	120	•Clear®	C, CC-8	750	1690	3 7/8	5 1/16
			12869	100A21/CL	130	120	•Clear®	C, CC-8	750	1690	3 7/8	5 1/16
			12975	100A21/RS	115	120	•I.F., Rough Service®	C, C-17	1000	1260	3 7/8	5 1/16
			12976	100A21/RS	120	120	•I.F., Rough Service®	C, C-17	1000	1260	3 7/8	5 1/16
			12985	100A/RS/RP	120	12	•I.F., Rough Service®	C, C-17	1000	1260	3 7/8	5 1/16
			12978	100A21/RS	125-130	120	•I.F., Rough Service®	C, C-17	1000	1260	3 7/8	5 1/16
			12955	100A/CL/RS	120	120	•Clear, Rough Service	C, C-17	1000	1260	3 7/8	5 1/16
			12957	100A/CL/RS	125-130	120	•Clear, Rough Service	C, C-17	1000	1260	3 7/8	5 1/16
			12905	100A21/99/XL	120	120	Inside Frosted Excel-Line® ⁸³	C, CC-8	2500	1455	3 7/8	5 1/16
			12936	100A21/99/XL	130	120	Inside Frosted Excel-Line® ⁸³	C, CC-8	2500	1455	3 7/8	5 1/16
			13215	100A/VS	120	120	•I.F., Vibration®	C, C-9	1000	1405	3 7/8	5 1/16
			13216	100A/VS	125	120	•I.F., Vibration®	C, C-9	1000	1405	3 7/8	5 1/16
			13217	100A/VS	130	120	•I.F., Vibration®	C, C-9	1000	1405	3 7/8	5 1/16
			13219	100A/CL/VS	120	120	•Clear, Vibration	C, C-9	1000	1405	3 7/8	5 1/16
			13197	100A/1SBIF	120	120	•I.F., Silver Bowl	C, CC-6	1000	1350		5 1/16
			13198	100A/1SBIF	125-130	120	•I.F., Silver Bowl	C, CC-6	1000	1350		5 1/16

⊘ Not recommended for horizontal burning.
 △ Burn base up in porcelain sockets.

ESP

 WE SUGGEST An Energy Saving Product.
 • Indicates Aluminum Base.

Ⓢ Available with brass base.
 Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
100	A-21	Med.	12825	100A21/TS	120	120	•Clear, Traffic Signal	C, C-9	2000	1275	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12826	100A21/TS	125	120	•Clear, Traffic Signal	C, C-9	2000	1275	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12827	100A21/TS	130	120	•Clear, Traffic Signal	C, C-9	2000	1275	2 ⁷ / ₁₆	4 ⁷ / ₁₆
		C Med.	15089	100A21/SP	115	120	Spotlight	C, C-5	200	1355	3	4 ⁷ / ₁₆
			15090	100A21/SP	120	120	Spotlight	C, C-5	200	1355	3	4 ⁷ / ₁₆
			15088	100A21/SP	130	120	Spotlight	C, C-5	200	1355	3	4 ⁷ / ₁₆
		C	15092	100A21/4SP	120	120	Light I.F., Spot	C, C-5	200	1355	3	4 ⁷ / ₁₆
			13405	100A21	230	120	•Inside Frosted	C, C-9	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			13407	100A21	250	120	•Inside Frosted	C, C-9	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
		Med.	12812	100A21/TS	230	120	Clear, Traffic Signal	C, C-9	2000	1070	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			13402	100A/CL	300	120	•Clear	C, C-7A	1000	1180	3 ⁷ / ₈	5 ⁵ / ₁₆
			13399	100A/CL	230	120	•Clear	C, C-7A	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			13401	100A/CL	250	120	•Clear	C, C-7A	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			13393	100A/99/XL	230-250	120	Inside Frosted ^{25, 72, 83}	C, C-7A	2500	1085	3 ⁷ / ₈	5 ⁵ / ₁₆
			13398	100A	277	120	•Inside Frosted, Mine	C, C-7A	1000	1200	3 ⁷ / ₈	5 ⁵ / ₁₆
			13410	100A	285	120	•Inside Frosted, Mine	C, C-7A	1000	1190	3 ⁷ / ₈	5 ⁵ / ₁₆
			13411	100A	300	120	•Inside Frosted, Mine	C, C-7A	1000	1180	3 ⁷ / ₈	5 ⁵ / ₁₆
			13357	100A/RS	230	120	I.F., Rough Service	C, C-17	1000	1050	3 ⁷ / ₈	5 ⁵ / ₁₆
			12961	100A/RS	250	120	I.F., Rough Service	C, C-17	1000	1050	3 ⁷ / ₈	5 ⁵ / ₁₆
			13359	100A/RS	277	120	I.F., Rough Service	C, C-17	1000	1020	3 ⁷ / ₈	5 ⁵ / ₁₆
			13360	100A/RS	300	120	I.F., Rough Service	C, C-17	1000	1020	3 ⁷ / ₈	5 ⁵ / ₁₆
			12835	100A21/SL	120	120	Safe Line, Inside Frosted ¹⁰¹	C, CC-8	750	1655	3 ⁷ / ₈	5 ⁵ / ₁₆
			12984	100A21/RS/SL	115-125	120	Rough Service Safe Line ¹⁰¹	C, C-17	1000	1235	3 ⁷ / ₈	5 ⁵ / ₁₆
		Med. L.H.T.	12907	100A/LHT	120	120	I.F., Left Hand, Thread	C, CC-8	750	1690	3 ⁷ / ₈	5 ⁵ / ₁₆
			12908	100A/LHT	125	120	I.F., Left Hand, Thread	C, CC-8	750	1690	3 ⁷ / ₈	5 ⁵ / ₁₆
A-23	Med.		12856	100A	12	120	Inside Frosted [ⓧ]	C, C-6	1000	2000	4 ³ / ₈	6 ¹ / ₁₆
			12876	100A	30	120	•I.F., Train & Aux. Power [ⓧ]	C, C-9	1000	1800	4 ³ / ₈	6 ¹ / ₁₆
			12874	100A	32	120	•Inside Frosted, Train [ⓧ]	C, C-9	1000	1800	4 ³ / ₈	6 ¹ / ₁₆
			12860	100A	34	120	•Inside Frosted, Train [ⓧ]	C, C-9	1000	1800	4 ³ / ₈	6 ¹ / ₁₆
			13072	100A23	120	120	•Inside Coated	C, CC-8	750	1610	4 ⁵ / ₈	6 ³ / ₁₆
			13064	100A/D	115-125	120	•Inside Frosted, Daylight	C, C-9	750	910	4 ³ / ₈	6 ¹ / ₁₆
			13066	100A/D	130	120	•Inside Frosted, Daylight	C, C-9	750	910	4 ³ / ₈	6 ¹ / ₁₆
			13270	100A/B	115-125	120	•Ceramic Blue [ⓧ]	C, C-9	750	910		6 ¹ / ₁₆
			13273	100A/G	115-125	120	•Ceramic Green [ⓧ]	C, C-9	750	910		6 ¹ / ₁₆
			13271	100A/O	115-125	120	•Ceramic Orange [ⓧ]	C, C-9	750	910		6 ¹ / ₁₆
			13272	100A/R	115-125	120	•Ceramic Red [ⓧ]	C, C-9	750	910		6 ¹ / ₁₆

C Burn any position.

Y Burn base down to horizontal.

ⓧ Do not insert in household sockets.

ⓧ Do not burn base up.

• Indicates Aluminum Base.

ⓧ Do not burn in paper lined sockets.

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
100	A-23	Med.	13274	100A/R2	115-125	120	•Ceramic Rose ¹⁸	C, C-9	750	910		6 1/16
			13070	100A/DCL	115-125	120	•Clear Daylight	C, C-9	750	910	4 3/8	6 1/16
			13276	100A23/20	115-125	120	Clear, Bake Oven	C, C-9	1000	1390	4 3/8	6 1/16
			12855	100A23/LHT	12	120	I.F. Left Hand Thread	C, C-6	1000	2000	4 3/4	6 1/16
			12875	100A/LHT	30	120	I.F. Left Hand Thread	C, C-9	1000	1800	4 3/4	6 1/16
	G-16 1/2	▼D.C. Bay	17264	100G16 1/2/29DC	120	60	Clear, Spotlight	C, C-2V	200	1660		3
		▼S.C. Bay	17265	100G16 1/2/29SC	120	60	Clear, Spotlight	C, C-2V	200	1660		3 1/8
	G-40	Med.	14691	100G40	120-130	6	•Clear, Decor	C, C-9	2500	1230	4 3/8	6 15/16
			14623	100G40/RP	120-130	6	•Clear, Decor	C, C-9	2500	1230	4 3/8	6 15/16
			14692	100G40/W	120-130	6	•White, Decor	C, C-9	2500	1050		6 15/16
			14624	100G40/W/RP	120-130	6	•White, Decor	C, C-9	2500	1050		6 15/16
	G-48	Med. Skt.	14848	100G48/W	120-130	6	White, Decor	C, C-9	2500	1050	6 1/16	8 15/16
	GT-24	▼Med. Skt.	14291	100CH	120	6	Chimney Lamp ⁴⁴	C, C-9	3000	1080		8 3/16
		▼	14285	100CH/A	120	6	Amber Chimney ⁴⁴	C, C-9	3000			8 3/16
	PAR-38	Med. Skt.	14143	100PAR/FL	115-125	12	*Flood ¹⁸	C, CC-6	2000	1200		5 1/16
			14144	100PAR/SP	115-125	12	*Spot ¹⁸	C, CC-6	2000	1200		5 1/16
			13958	100PAR38/2FL	12	12	*Clear Mine Flood ¹⁸	C, C-6	1000	1400		5 1/16
			13935	100PAR/FL/A/RP	115-125	4	*Silicone Coated Amber Flood ¹⁸	C, CC-6	2000	1050		5 1/16
			13938	100PAR/FL/B/RP	115-125	4	*Silicone Coated Blue Flood ¹⁸	C, CC-6	2000	1050		5 1/16
			14135	100PAR/FL/BW/RP	115-125	4	*Sil. Coated Blue White Flood ¹⁸	C, CC-6	2000	1050		5 1/16
			13939	100PAR/FL/G/RP	115-125	4	*Silicone Coated Green Flood ¹⁸	C, CC-6	2000	1050		5 1/16
			13940	100PAR/FL/PK/RP	115-125	4	*Silicone Coated Pink Flood ¹⁸	C, CC-6	2000	1050		5 1/16
			13937	100PAR/FL/R/RP	115-125	4	*Silicone Coated Red Flood ¹⁸	C, CC-6	2000	1050		5 1/16
			13936	100PAR/FL/Y/RP	115-125	4	*Silicone Coated Yellow Flood ¹⁸	C, CC-6	2000	1050		5 1/16
	MSP		13852	100PAR38/3FL	12	12	*Clear Mine Flood ¹⁸	C, C-6	1000	1400		4 1/16
	PAR-46	Scr. Term	15187	100PAR46	60	12	*Stippled Clear Mine Headlight ¹⁸	C, CC-2V	800			3 3/4
	PS-30	Med.	15471	B100PS30	120	24	•I.F., Neck Rfl., Direct Lite	C, C-9	2000			8 1/16
	R-40	Med.	14770	100R/FL	120	24	•I.F., Reflector Flood ¹⁹	C, CC-6	2000			6 1/2
			14771	100R/FL	125-130	24	•I.F., Reflector Flood ¹⁹	C, CC-6	2000	900CP ¹²⁰ †		6 1/2
			14752	100R/SP	120	24	•I.F., Reflector Spot ¹⁹	C, CC-6	2000	5000CP ³⁰ †		6 1/2
100 200 300	PS-25	▼3C Mog.	14374	100/300/RP	120	12	•Soft White, Three-Way	C, CC-8	1200	1400 3540 4940		6 3/4

▼ Burn base down to horizontal.

▼ Burn base down.

WE SUGGEST An Energy Saving Product.

• Indicates Aluminum Base.

Do not burn in paper lined sockets.

* Heat Resistant Glass Weather Durable (Hard Glass).

PAR lamps are suitable for indoor and outdoor use.

† Field Angle: All Other Beam Angle.

CP CandlePower

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
100 200 300	PS-25	▼3C Mog.	14375	100/300/RP	125	12	•Soft White, Three-Way	C, CC-8	1200	1400 3540 4940		6¾
101	A-23	⊘Med.	13302	101A23	125	120	I.F., Street Railway	C, C-9	1500	1165	4¾	6½ ₁₆
103	A-23	Med.	13339	103A23	120	120	Clear Street Lighting ²¹	C, C-9	6000	1155	4¾	6½ ₁₆
			13340	103A23	125	120	Clear Street Lighting ²¹	C, C-9	6000	1155	4¾	6½ ₁₆
			15486	103PS25	125	60	Clear Street Lighting ²¹	C, C-9	6000	1155	5¼	6½ ₁₆
105	A-23	Med.	13353	K105	120	120	Clear St. Ltg. Krypton ^{25,44}	C, C-9	12000	1120	4¾	6½ ₁₆
			13354	K105	125	120	Clear St. Ltg. Krypton ^{25,44}	C, C-9	12000	1120	4¾	6½ ₁₆
107	A-21	⚡Med.	12821	107A21/TS	120	120	Clear, Traffic Signal	C, C-9	3000	1287	2¾ ₁₆	4¾ ₁₆
		⚡	12822	107A21/TS	130	120	Clear, Traffic Signal	C, C-9	3000	1287	2¾ ₁₆	4¾ ₁₆
110	R-30	Med.	13285	110R30/FL/RS	120	60	Reflector Flood, R.S.®	C, C-17	2000			5¾
115	A-23	Med.	13346	115A23/CL	120	120	Cl. St. Ltg., Gr. Replace.	C, C-9	3000	1495	4¾	6½ ₁₆
116	A-21	⚡Med.	12823	116A21/TS	120	120	Clear, Traffic Signal	C, C-9	8000	1277	2¾ ₁₆	4¾ ₁₆
		⚡	12824	116A21/TS	125	120	Clear, Traffic Signal	C, C-9	8000	1277	2¾ ₁₆	4¾ ₁₆
		⚡	12816	116A21/TS	130	120	Clear, Traffic Signal	C, C-9	8000	1277	2¾ ₁₆	4¾ ₁₆
		⚡	12841	116A21/TS/W	120	120	White, Traffic Signal	C, C-9	8000		2¾ ₁₆	4¾ ₁₆
120	ER-40	Med.	15166	120ER40	120	24	•I.F. Elliptical Rfl.® ^{19,32}	C, CC-6	2000	1475		7¾
			15168	120ER40	130	24	•I.F. Elliptical Rfl.® ^{19,32}	C, CC-6	2000	1475		7¾
	PAR-38 Med. Skt.		13943	150/120PAR/FL/SS	120	15	•Flood, SuperSaver® ¹⁰ 28A	C, CC-6	2000	1420		5½ ₁₆
			15534	120PAR/FL/EP	120	6	•Flood, Energy Pincher® ¹⁰ 28A	C, CC-6	2000	1420		5½ ₁₆
			13945	150/120PAR/FL/SS	130	15	•Flood, SuperSaver® ¹⁰ 28A	C, CC-6	2000	1420		5½ ₁₆
			13944	150/120PAR/SP/SS	120	15	•Spot, SuperSaver® ¹⁰ 28A	C, CC-6	2000	1420		5½ ₁₆
			15535	120PAR/SP/EP	120	6	•Spot, Energy Pincher® ¹⁰ 28A	C, CC-6	2000	1420		5½ ₁₆
			13946	150/120PAR/SP/SS	130	15	•Spot, SuperSaver® ¹⁰ 28A	C, CC-6	2000	1420		5½ ₁₆
	Med. Side Prong		14572	150/120PAR/3FL/SS	120	15	•Flood, SuperSaver® ¹⁰ 28A	C, CC-6	2000	1420		4½ ₁₆
			14571	150/120PAR/3SP/SS	120	15	•Spot, SuperSaver® ¹⁰ 28A	C, CC-6	2000	1420		4½ ₁₆
	PAR-64 Scr. Term		14987	120PAR64/VNSP	6	6	•Very Nar. Spot ^{29,44,106}	C, C-6	2000	25000 ^{CP} (4½°x7°†)		4
	R-40 Med.		14756	150/120R/SP/SS	120	24	•Spot, I.F., SuperSaver® ^{19,32}	C, CC-6	2000	7000 ^{CP} (110°†)		6½
			14743	150/120R/SP/SS	125-130	24	•Spot, I.F., SuperSaver® ^{19,32}	C, CC-6	2000	7000 ^{CP} (110°†)		6½

▼ Burn base down.

⊘ Not recommended for horizontal burning.

10 PAR lamps are suitable for indoor and outdoor use.

⚡ Burn base down to horizontal.

• Indicates Aluminum Base.

† Field Angle: All Other Beam Angle.

® Burn only in porcelain sockets.

★ Heat Resistant Glass Weather Durable (Hard Glass).

CP CandlePower

Numbered Footnotes are listed on page 88.

PAR
SCR.
TERM



A-15-19

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
120	R-40		14775	150/120R/FL/SS	120	24	•Flood, I.F., SuperSaver® ^{19,32}	C, CC-6	2000	1300cp ^{(110)†}		6½
			14766	150/120R/FL/SS	125-130	24	•Flood, I.F., SuperSaver® ^{19,32}	C, CC-6	2000	1300cp ^{(110)†}		6½
125	G-30	Med. Skt.	14737	125G30	115-125	60	Infrared, Industrial ³⁸	C, C-11	5000 +		5	7½/16
	R-40	Med. Skt.	14744	125R40	115-125	24	Infrared, Industrial ^{19,38}	C, C-11	5000 +			7¼
133	A-23	Med.	13350	133A23/CL	120	120	Cl., St. Ltg., Gr. Replace.	C, C-9	3000	1790	4¾	6½/16
135/78	A-19	Kon-Tact ▼Med. Brass	12576	135/78A19/W/HI-LO	120	20	Soft White, Hi-Lo Two-Way⇒	C, CC-8	2500	730 2300	3⅜	4¾/16
135	A-21	Med.	12861	150A/135/SS	120	60	•Inside Frost, SuperSaver®	C, CC-8	750	2580	3⅜	5½
			12862	150A/135/SS	130	60	•Inside Frost, SuperSaver®	C, CC-8	750	2580	3⅜	5½
	A-19	Med.	12830	150A/135/SSXL	120	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	2250	3⅜	4¾
			12831	150A/135/SSXL	130	120	Inside Frost, SuperSaver®XL ⁸³	C, CC-8	2500	2250	3⅜	4¾
150	A-21	Med.	13131	150A	120	60	•Inside Frost	C, CC-8	750	2850	3⅜	5½/16
			ESP WE SUGGEST 150A/135/SS 120 Volts, An Energy Saving Product									
			13175	150A/RP	120	24	•Inside Frost	C, CC-8	750	2850	3⅜	5½/16
			13132	150A	125	60	•Inside Frost	C, CC-8	750	2850	3⅜	5½/16
			13133	150A	130	60	•Inside Frost®	C, CC-8	750	2850	3⅜	5½/16
			ESP WE SUGGEST 150A/135/SS 130 Volts, An Energy Saving Product									
			13135	150A/CL	120	60	•Clear	C, CC-8	750	2850	3⅜	5½/16
			13137	150A/CL	130	60	•Clear	C, CC-8	750	2850	3⅜	5½/16
			13101	150A/W/RP	120	12	•Soft White, Kitchen Lite	C, CC-8	750	2780	3⅜	5½/16
			13102	150A/W/RP	125	12	•Soft White, Kitchen Lite	C, CC-8	750	2780	3⅜	5½/16
	A-23	Med.	13043	150A23	120	60	•Inside Frost®	C, CC-8	750	2810	4⅝	6¾/16
			13044	150A23	125	60	•Inside Frost®	C, CC-8	750	2810	4⅝	6¾/16
			13045	150A23	130	60	•Inside Frost®	C, CC-8	750	2810	4⅝	6¾/16
			13037	150A23/CL	120	60	•Clear	C, CC-8	750	2810	4⅝	6¾/16
			13039	150A23/CL	130	60	•Clear	C, CC-8	750	2810	4⅝	6¾/16
			13167	150A/99/XL	120	60	Inside Frost Excel-Line® ⁸³	C, CC-8	2500	2380	4⅝	6¾/16
			ESP WE SUGGEST 150A/135/SSXL 120 Volts, An Energy Saving Product									
			13169	150A/99/XL	130	60	Inside Frost Excel-Line® ⁸³	C, CC-8	2500	2380	4⅝	6¾/16
			ESP WE SUGGEST 150A/135/SSXL 130 Volts, An Energy Saving Product									
	R-40	Med.	13164	150A/99CL/XL	120	60	Clear, Excel-Line® ⁸³	C, CC-8	2500	2380	4⅝	6¾/16
			13166	150A/99CL/XL	130	60	Clear, Excel-Line® ⁸³	C, CC-8	2500	2380	4⅝	6¾/16
			15240	150A/RS	120	60	•I.F., Rough Service	C, C-17	1000	2125	4¾	6½/16
			15242	150A/RS	125-130	60	•I.F., Rough Service®	C, C-17	1000	2125	4¾	6½/16
			15244	150A/CL/RS	120	60	•Clear, Rough Service	C, C-17	1000	2125	4¾	6½/16

▼ Burn base down.

• Indicates Aluminum Base.

ESP WE SUGGEST An Energy Saving Product.

⇒ Sylvania Kon-Tact base designed for better service in all 3-way medium sockets.

® Available with brass base.

† Field Angle: All Other Beam Angle.

CP CandlePower

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
150	R-40	Med.	15249	150A/CL/RS	125-130	60	Clear, Rough Service	C, C-17	1000	2125	4 3/8	6 1/16
			13080	150A/Y	115-125	60	•Yellow Buglite	C, CC-6	1000			6 5/16
	Med. L.H.T.		13021	150A23/LHT	130	60	Inside Frost, Left Hand Thread	C, CC-8	750	2810	4 5/8	6 3/16
			14913	150G40/W	120-130	6	•White Decor	C, C-9	2500	1935	4 3/8	6 15/16
	P-25	Med.	15026	150P25/2	120	60	Cl., Hard Glass Button, Spotlight	C, C-5	200	2100	3	4 3/4
			15014	150P25/2SB	120	60	Cl., Hard Glass Button, Silver Bowl®	C, C-5	200			4 3/4
			15028	150P25/8	120	60	Med I.F., Hd. Gl. Button, Spotlight	C, C-5	200	2100	3	4 3/4
			15010	150P25/10	120	60	Light I.F., Hard Glass Button, Spotlight	C, C-5	200	2100	3	4 3/4
			15011	150P25/10	125	60	Light I.F., Hard Glass Button, Spotlight	C, C-5	200	2100	3	4 3/4
			13837	150PAR/SP	120	12	*Spot 28A	C, CC-6	2000	1740		5 5/16
			15529	150PAR/SP/RP	120	6	*Spot 28A	C, CC-6	2000	1740		5 5/16
			13839	150PAR/SP	125-130	12	*Spot 28A	C, CC-6	2000	1740		5 5/16
			13841	150PAR/FL	120	12	*Flood 28A	C, CC-6	2000	1740		5 5/16
			15516	150PAR/FL/RP	120	6	*Flood 28A	C, CC-6	2000	1740		5 5/16
	PAR-38 Med. Skt.		13843	150PAR/FL	125-130	12	*Flood 28A	C, CC-6	2000	1740		5 5/16
			14970	150PAR38/2SP	115-125	12	*Dichroic Coated Cool-Lux Reflector, Spot 56	C, CC-6	2000	2000		5 5/16
			14969	150PAR38/2FL	115-125	12	*Dichroic Coated Cool-Lux Reflector, Flood 56	C, CC-6	2000	2000		5 5/16
			15523	150PAR38/2FL	130	12	*Dichroic Coated Cool-Lux Reflector, Flood 56	C, CC-6	2000	2000		5 5/16
			14597	150PAR38/CAP/FL	120	15	*Flood, Tungsten Halogen Capsule 28A	C, CC-8	3000	7500 CP ⁽³⁰⁾		5 5/16
			14598	150PAR38/CAP/FL	130	15	*Flood, Tungsten Halogen Capsule 28A	C, CC-8	3000	7500 CP ⁽³⁰⁾		5 5/16
			14595	150PAR38/CAP/SP	120	15	*Spot, Tungsten Halogen Capsule 28A	C, CC-8	3000	25000 CP ⁽¹⁰⁾		5 5/16
			14596	150PAR38/CAP/SP	130	15	*Spot, Tungsten Halogen Capsule 28A	C, CC-8	3000	25000 CP ⁽¹⁰⁾		5 5/16

- Exclusive Sylvania Design.
 • Indicates Aluminum Base.
 Burn only in porcelain sockets.

- ★ Heat Resistant Glass Weather Durable (Hard Glass).
 PAR lamps are suitable for indoor and outdoor use.

- WE SUGGEST An Energy Saving Product.
 Numbered Footnotes are listed on page 88.
 CP CandlePower

PAR 38
MED
SKT.



PAR
MED SIDE
PRONG



PAR
SCR.
TERM



PS



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
150	PAR-38	Med. Skt.	14599	150PAR38/CAP/NSP	120	15	*Narrow Spot, Tungsten Halogen Capsule 28A	C, CC-8	3000	37500CP(9°)		5 1/16
			14600	150PAR38/CAP/NSP	130	15	*Narrow Spot, Tungsten Halogen Capsule 28A	C, CC-8	3000	37500CP(9°)		5 1/16
			13871	150PAR/SP/A	115-125	12	*Dichroic Coated Lens, Amber, Spot (P) 98	C, CC-6	2000			5 1/16
			13867	150PAR/SP/B	115-125	12	*Dichroic Coated Lens, Blue, Spot (P) 98	C, CC-6	2000			5 1/16
			13869	150PAR/SP/G	125	12	*Dichroic Coated Lens, Green, Spot (P) 98	C, CC-6	2000			5 1/16
			13870	150PAR/SP/R	115-125	12	*Dichroic Coated Lens, Red, Spot (P) 98	C, CC-6	2000			5 1/16
			13868	150PAR/SP/Y	115-125	12	*Dichroic Coated Lens, Yellow, Spot (P) 98	C, CC-6	2000			5 1/16
	Med. Side Prong		13857	150PAR/4	120-130	12	*Clear, Mine Spot	C, C-13	2000			4 1/16
			13957	150PAR38/FL	12	12	*Clear, Mine Flood	C, C-6	1000			4 1/16
			13847	150PAR/3SP	120	12	*Compact Spot 29	C, CC-6	2000	1740		4 1/16
				WE SUGGEST 150/120PAR/3SP/SS 120 Volts, An Energy Saving Product								
			13848	150PAR/3SP	125-130	12	*Compact Spot 29	C, CC-6	2000	1740		4 1/16
			13873	150PAR38/FL	32	12	*Clear, Mine Flood	C, CC-8	1000			4 1/16
			13853	150PAR/3FL	120	12	*Compact Flood 29	C, CC-6	2000	1740		4 1/16
				WE SUGGEST 150/120PAR/3FL/SS 120 Volts, An Energy Saving Product								
			13854	150PAR/3FL	125-130	12	*Compact Flood 29	C, CC-6	2000	1740		4 1/16
			13855	150PAR/3VWFL	120-130	12	*Mine, Anti Vibration 29	C, C-13	1000	1740		4 1/16
	Med. Skt.		13856	150PAR/5	120-130	12	*Clear, Mine Spot	C, C-13	1000	13700CP(2 1/2°)		5 1/16
			13889	150PAR38/VWFL	125-130	12	*Very Wide Flood	C, CC-6	2000	1740		5 1/16
	PAR-46	Scr. Term	15188	150PAR46	120	12	*Cl., Mine Loco. Head Lamp	C, C-13	1000			3 3/4
			15190	150PAR46	130	12	*Cl., Mine Loco. Head Lamp	C, C-13	1000	20300CP(15 x 30°)		3 3/4
			15198	150PAR46/1	32	12	*Cl., Mine Loco. Head Lamp	C, CC-8	800	115000CP(11°)		3 3/4
	Med. Side Prong		15375	150PAR46/3NSP	125-130	12	Narrow Spot 29, 44, 106	C, CC-2V	2000	1500		4
	Med. Skt.		15366	150PAR46/M/MFL	120	12	Medium Flood 106	C, CC-2V	2000	1500		5 1/16
			15367	150PAR46/M/NSP	120	12	Narrow Spot 106	C, CC-2V	2000	1500		5 1/16
	PS-25	Med.	15279	150	115	60	*Inside Frosted	C, C-9	750	2580	5 1/4	6 15/16
			15280	150	120	60	*Inside Frosted	C, C-9	750	2580	5 1/4	6 15/16
			15281	150	125	60	*Inside Frosted	C, C-9	750	2580	5 1/4	6 15/16
			15282	150	130	60	*Inside Frosted	C, C-9	750	2580	5 1/4	6 15/16
			15276	150PS25/IF	120	60	*Inside Frosted	C, C-9	1000	2475	5 1/4	6 15/16

Exclusive Sylvania Design.

* Heat Resistant Glass Weather Durable (Hard Glass).

PAR lamps are suitable for indoor and outdoor use.

Burn only in porcelain sockets.

Available with brass base.

WE SUGGEST An Energy Saving Product.

Numbered Footnotes are listed on page 88.

CP CandlePower



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
150	PS-25	Med.	15205	150/CL	120	60	•Clear	C, C-9	750	2580	5¼	6½ ¹⁶
			15206	150/CL	125	60	•Clear®	C, C-9	750	2580	5¼	6½ ¹⁶
			15207	150/CL	130	60	•Clear®	C, C-9	750	2580	5¼	6½ ¹⁶
			15430	150/99/XL	125	60	I.F. Excel-Line® ⁸³	C, C-9	2500	2165	5¼	6½ ¹⁶
			15431	150/99/XL	130	60	I.F. Excel-Line® ⁸³	C, C-9	2500	2165	5¼	6½ ¹⁶
			15219	150/WB	120	60	•White Bowl	C, C-9	750	2460		6½ ¹⁶
			15248	150/D	115-125	60	•Inside Frosted Daylight	C, C-9	1000		5¼	6½ ¹⁶
			15271	150/SB	120	60	•I.F., Silver Bowl ²⁰	C, C-9	1000	2270		6½ ¹⁶
			15275	150/SB	125-130	60	•I.F., Silver Bowl ²⁰	C, C-9	1000	2270		6½ ¹⁶
			15253	150/VS	120	60	•Inside Frosted, Vibration	C, C-9	1000	2250	5¼	6½ ¹⁶
			15255	150/VS	125-130	60	•Inside Frosted, Vibration	C, C-9	1000	2250	5¼	6½ ¹⁶
			15262	150/CL/VS	120	60	•Clear, Vibration	C, C-9	1000	2250	5¼	6½ ¹⁶
			15263	150/CL/VS	125-130	60	•Clear, Vibration	C, C-9	1000	2250	5¼	6½ ¹⁶
			15571	150PS25	230	60	•Clear	C, C-9	1000	2060	5¼	6½ ¹⁶
			15573	150PS25	250	60	•Clear	C, C-9	1000	2060	5¼	6½ ¹⁶
			15588	150PS25/IF	230	60	Inside Frosted	C, C-9	1000	2060	5¼	6½ ¹⁶
			15589	150PS25/IF	250	60	Inside Frosted	C, C-9	1000	2060	5¼	6½ ¹⁶
			15433	150/99/CL/XL	230-250	60	Clear, Extended Service ^{72,83}	C, C-9	2500	1755	5¼	6½ ¹⁶
			15293	150/SL	115-125	60	Safe Line ¹⁰¹	C, C-9	1000	2425	5¼	6½ ¹⁶
			15300	150/RS/SL	115-125	60	Rough Service Safeline ¹⁰¹	C, C-17	1000	2100	4¾	5½ ¹⁶
Reflector	PS-30	Med.	15474	B150PS30	120	24	•Neck Refl. Direct Lite I.F.®	C, C-9	2000			8½ ¹⁶
	R-40	Med.	14755	150R/SP	120	24	•Spot, Inside Frosted ^{19,32}	C, CC-6	2000			6½
							ESP WE SUGGEST 150/120R/SP/SS 120 Volts an Energy Saving Product					
			14742	150R/SP	125-130	24	•Spot, Inside Frosted ^{19,32}	C, CC-6	2000			6½
							ESP WE SUGGEST 150/120R/SP/SS 125-130 Volts an Energy Saving Product					
			14773	150R/FL	120	24	•Flood, I.F. ^{19,32}	C, CC-6	2000			6½
							ESP WE SUGGEST 150/120R/FL/SS 120 Volts an Energy Saving Product					
			14876	150R/FL/RP	120	6	•Flood, I.F. ^{19,32}	C, CC-6	2000			6½
			14765	150R/FL	125-130	24	•Flood, I.F. ^{19,32}	C, CC-6	2000			6½
							ESP WE SUGGEST 150/120R/FL/SS 125-130 Volts an Energy Saving Product					
			14638	150R/A	115-125	12	•Refl. Light I.F., Amber ^{19,32}	C, CC-6	2000			6½
			14878	150R/B/RP	115-125	6	•Light, I.F. Blue ^{19,32}	C, CC-6	2000			6½
			14879	150R/BW/RP	115-125	6	•Light, I.F. Bl. White ^{19,32}	C, CC-6	2000			6½
			14880	150R/G/RP	115-125	6	•Light, I.F. Green ^{19,32}	C, CC-6	2000			6½
			14881	150R/R/RP	115-125	6	•Light, I.F. Red ^{19,32}	C, CC-6	2000			6½
			14882	150R/PK/RP	115-125	6	•Light, I.F. Pink ^{19,32}	C, CC-6	2000			6½
			14883	150R/Y/RP	115-125	6	•Light, I.F. Yellow ^{19,32}	C, CC-6	2000			6½

- ⚠ Burn base up in porcelain sockets.
- ⊗ Not recommended for horizontal burning.
- ⊗ Do not burn base up.

- Indicates Aluminum Base.
- Ⓢ Available with brass base.

ESP WE SUGGEST An Energy Saving Product.
Numbered Footnotes are listed on page 88.



PAR
MED SIDE
PRONG



PAR 38
MED
SKT.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
150	R-40	Med.	14807	150R/3FL	120	24	*Refl. Flood I.F. ³²	C, C-11	2000			6 7/8
			14825	150R/3FL	125-130	24	*Refl. Flood I.F. ³²	C, C-11	2000			6 7/8
			14783	150R40/GRO	120	6	*Reflector, Spot-GRO	C, CC-6	2000			6 1/2
175	PS-25	Med.	15557	175PS25/63	125	60	Clear, Street Lighting ³⁴	C, C-9	1500	2800	5 1/4	6 15/16
189	PS-25	Mog.	15577	189PS25/1	120	60	Cl., St. Ltg. Gr. Replace. ³⁴	C, C-9	3000	2900	5 3/8	7 1/8
			15578	189PS25/1	125	60	Cl., St. Ltg. Gr. Replace. ³⁴	C, C-9	3000	2900	5 3/8	7 1/8
			15582	189PS25/1	130	60	Cl., St. Ltg. Gr. Replace. ³⁴	C, C-9	3000	2900	5 3/8	7 1/8
			15562	189PS25/64	120	60	Cl., St. Ltg. Gr. Replace. ³⁴	C, C-9	3000	2825	5 1/4	6 15/16
			15563	189PS25/64	125	60	Cl., St. Ltg. Gr. Replace. ³⁴	C, C-9	3000	2825	5 1/4	6 15/16
			15564	189PS25/64	130	60	Cl., St. Ltg. Gr. Replace. ³⁴	C, C-9	3000	2825	5 1/4	6 15/16
			15260	189PS25/VS	125	60	Cl., St. Ltg. Gr. Replace., Vib. Serv. ³⁴	C, C-9	3000	2600	5 1/4	6 15/16
	PS-35	Mog.	15576	189PS35	120	24	Cl., St. Ltg., Gr. Replace. ³⁴	C, C-9	3000	2825	7	9 3/8
200	A-21	Med.	13103	200A/W-1/RP	120	12	Soft White, Workstudy ^{EXP}	C, CC-8	750	3940	3 7/8	5 1/16
			13104	200A/W-1/RP	125	12	Soft White, Workstudy ^{EXP}	C, CC-8	750	3940	3 7/8	5 1/16
	A-23	Med.	15500	200A	120	60	*Inside Frost ^{EXP}	C, CC-8	750	3940	4 5/8	6 3/16
			15502	200A	125-130	60	*Inside Frost ^{EXP}	C, CC-8	750	3940	4 5/8	6 3/16
			15509	200A/99/XL	125	60	Inside Frost Excel-Line ⁸³	C, CC-8	2500	3220	4 5/8	6 3/16
			15496	200A/CL	120	60	*Clear, ^{EXP}	C, CC-8	750	3940	4 5/8	6 3/16
			15498	200A/CL	125-130	60	*Clear ^{EXP}	C, CC-8	750	3940	4 5/8	6 3/16
			15447	200A/RS	120	60	*I.F., Rough Service	C, C-17	1000	3160	4 3/8	6 1/16
			15448	200A/RS	125-130	60	*I.F., Rough Service [®]	C, C-17	1000	3160	4 3/8	6 1/16
			15445	200A/CL/RS	120	60	*Clear, Rough Service	C, C-17	1000	3160	4 3/8	6 1/16
			15446	200A/CL/RS	125-130	60	*Clear, Rough Service	C, C-17	1000	3160	4 3/8	6 1/16
	PAR-46	Med. Side Prong	15191	200PAR46/3NSP	120	12	*Narrow Spot ^{29,44,106}	C, CC-13	2000	2300		4
			15193	200PAR46/3NSP	125-130	12	*Narrow Spot ^{29,44,106}	C, CC-13	2000	2300		4
			15194	200PAR46/3MFL	120	12	*Medium Flood ^{29,44,106}	C, CC-13	2000	2300		4
			15196	200PAR46/3MFL	125-130	12	*Medium Flood ^{29,44,106}	C, CC-13	2000	2300		4
			15174	200PAR46/3VWFL	125-130	12	*Very Wide Fl., Cl., ^{29,44,106}	C, CC-13	2000	2300		4
	Med. Skt.		15373	200PAR46M/NSP	125-130	12	Narrow Spot ¹⁰⁶	C, CC-13	2000	2300		5

* Indicates Aluminum Base.

★ Heat Resistant Glass Weather Durable (Hard Glass).



Do not burn in paper lined sockets.



Available with brass base.

Numbered Footnotes are listed on page 88.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
200	PAR-46	Med. Skt.	15374	200PAR46M/MFL	125-130	12	Medium Flood ¹⁰⁶	C, CC-13	2000	2300		5
	PAR-56	Scr. Term	14968	200PAR56	30	12	*Locomotive Headlamp	C, CC-8	500	115000 ^{CP}		4½
		Mog. End Prong	15007	200PAR56/MFL	120	12	*Medium Wide Fl., Cl., ^{29,44,106}	C, CC-13	2000	16200 ^{CP} (17×37°)		5
			15008	200PAR56/NSP	120	12	*Narrow Spot ^{29,44,106}	C, CC-13	2000	61000 ^{CP} (12×15°)		5
PS-25	Med.		15816	200PS25/99IF/XL	120	60	Inside Frosted Excel-Line ⁸³	C, CC-6	2500	3220	5¼	6½ ¹⁶
			15817	200PS25/99IF/XL	125	60	Inside Frosted Excel-Line ⁸³	C, CC-6	2500	3220	5¼	6½ ¹⁶
			15818	200PS25/99IF/XL	130	60	Inside Frosted Excel-Line ⁸³	C, CC-6	2500	3220	5¼	6½ ¹⁶
			15813	200PS25/99/XL	120	60	Clear Excel-Line ⁸³	C, CC-6	2500	3220	5¼	6½ ¹⁶
			15814	200PS25/99/XL	125	60	Clear Excel-Line ⁸³	C, CC-6	2500	3220	5¼	6½ ¹⁶
			15815	200PS25/99/XL	130	60	Clear Excel-Line ⁸³	C, CC-6	2500	3220	5¼	6½ ¹⁶
			15593	200PS25/CL	120	60	*Clear	C, CC-6	750	3750	5¼	6½ ¹⁶
			15594	200PS25/CL	125	60	*Clear	C, CC-6	750	3750	5¼	6½ ¹⁶
			15595	200PS25/CL	130	60	*Clear	C, CC-6	750	3750	5¼	6½ ¹⁶
			15598	200PS25	120	60	*Inside Frosted	C, CC-6	750	3750	5¼	6½ ¹⁶
			15599	200PS25	125	60	*Inside Frosted	C, CC-6	750	3750	5¼	6½ ¹⁶
			15600	200PS25	130	60	*Inside Frosted	C, CC-6	750	3750	5¼	6½ ¹⁶
PS-30	Med.		15806	200	32	60	*Train, Clear	C, C-9	1000	3420	6	8½ ¹⁶
			15651	200/IF	120	60	*Inside Frosted	C, C-9	750	3650	6	8½ ¹⁶
			15652	200/IF	125	60	*Inside Frosted	C, C-9	750	3650	6	8½ ¹⁶
			15653	200/IF	130	60	*Inside Frosted ⁸	C, C-9	750	3650	6	8½ ¹⁶
			15645	200	120	60	*Clear ⁸	C, C-9	750	3650	6	8½ ¹⁶
			15646	200	125	60	*Clear ⁸	C, C-9	750	3650	6	8½ ¹⁶
			15647	200	130	60	*Clear ⁸	C, C-9	750	3650	6	8½ ¹⁶
			15710	200/D	115-125	60	*Clear, Daylight	C, C-9	1000	3520	6	8½ ¹⁶
			15786	200/SBIF	120	60	*I.F., Silver Bowl ²⁰	C, C-9	1000	3320		8½ ¹⁶
			15791	200/SBIF	125-130	60	*I.F., Silver Bowl ²⁰	C, C-9	1000	3320		8½ ¹⁶
			15790	200/SBIF/1	120	60	*I.F., Semi-Silvered Bowl ²⁰	C, C-9	1000			8½ ¹⁶
			15722	200/99/XL	120	60	Clear Excel-Line ⁸³	C, C-9	2500	3120	6	8½ ¹⁶
			15725	200/99/XL	130	60	Clear Excel-Line ⁸³	C, C-9	2500	3120	6	8½ ¹⁶
			15691	200/99/IF/XL	125-130	60	Inside Frosted Excel-Line ⁸³	C, C-9	2500	3120	6	8½ ¹⁶
			15826	200	230	60	*Clear	C, C-9	1000	2975	6	8½ ¹⁶
			15797	200	250	60	*Clear	C, C-9	1000	2975	6	8½ ¹⁶
			15848	200/IF	230	60	*Inside Frosted	C, C-9	1000	2975	6	8½ ¹⁶
			15850	200/IF	250	60	*Inside Frosted	C, C-9	1000	2975	6	8½ ¹⁶
			15823	200/99/XL	230-250	60	Clear Excel-Line ^{72,83}	C, C-9	2500	2440	6	8½ ¹⁶
			15824	200/99/IF/XL	230-250	60	I.F. Excel-Line ^{72,83}	C, C-9	2500	2440	6	8½ ¹⁶
			15820	200	277	60	*Clear ⁸	C, C-9	1000	2360	6	8½ ¹⁶
			15871	200	285	60	*Clear	C, C-9	1000	2360	6	8½ ¹⁶

△ Burn base up in porcelain sockets.

* Heat Resistant Glass Weather Durable (Hard Glass).

• Indicates Aluminum Base.

Ⓑ Available with brass base.

Numbered Footnotes are listed on page 88.

CP CandlePower



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.	
			Syl. Item No.										
200	PS-30	Med.	15872	200	300	60	•Clear	C, C-9	1000	2360	6	8 1/16	
			15819	200/IF	277	60	•Inside Frosted	C, C-9	1000	2360	6	8 1/16	
			15864	200PS30/RS	230	60	•Clear, Rough Service	C, C-9	1000	2650	6	8 1/16	
			15865	200PS30/RS	250	60	•Clear, Rough Service	C, C-9	1000	2650	6	8 1/16	
			15867	200PS30/IF/RS	250	60	•I.F., Rough Service	C, C-9	1000	2650	6	8 1/16	
			15648	200PS30/SL	115-125	60	Safe Line I.F. ¹⁰¹	C, C-9	1000	3490	6	8 1/16	
			15687	200PS30/23/SL	115-125	60	Rough Service Safeline® ¹⁰¹	C, C-9	1000	3250	6	8 1/16	
			15673	200PS30/23	120	60	I.F., Rough Service	C, C-9	1000	3280	6	8 1/16	
			15675	200PS30/23	130	60	I.F., Rough Service	C, C-9	1000	3280	6	8 1/16	
			15621	200PS30/24	120	60	Clear, Rough Service	C, C-9	1000	3280	6	8 1/16	
			15625	200PS30/24	130	60	Clear, Rough Service	C, C-9	1000	3280	6	8 1/16	
			Mog.	15762	200PS30/8	120	60	Clear, Brass Base	C, C-9	1000	3525	6 3/8	8 1/16
				15763	200PS30/8	125	60	Clear, Brass Base	C, C-9	1000	3525	6 3/8	8 1/16
				15770	200PS30/12	130	60	Clear, Brass Base	C, C-9	750	3650	6 3/8	8 1/16
	PS-35	Med.	15531	B200PS35	120	24	•I.F., Direct Lite, Neck Refl.	C, C-11	2000			8 3/4	
	R-40	Med.	14776	200R/FL	120	24	I.F., Reflector Flood® ^{19,32}	C, CC-6	2000	2000CP(120°)†		6 1/2	
	Reflector				ESP WE SUGGEST 120ER40 120 Volts, An Energy Saving Product								
				14782	200R/FL	125-130	24	I.F., Reflector Flood® ^{19,32}	C, CC-6	2000	2000CP(120°)†		6 1/2
					ESP WE SUGGEST 120ER40 130 Volts, An Energy Saving Product								
		Med. Skt.	14788	200R/2SP	120	24	I.F., Reflector Spot® ^{19,33}	C, CC-6	2000	12000CP(34°)†		7 1/4	
			14806	200R/2FL	120	24	I.F., Reflector Flood® ^{19,33}	C, CC-6	2000	2000CP(120°)†		7 1/4	
201	PS-30	Med.	15793	201PS30	125	60	Clear, Street Railway	C, C-9	1000	3150	6	8 1/16	
202	PS-25	Med.	15580	202PS25	120	60	Cl., St. Lighting Gr. Repl. ³⁴	C, C-9	6000	2800	5 1/4	6 15/16	
202	PS-25	Med.	15581	202PS25	125	60	Cl., St. Lighting Gr. Repl. ³⁴	C, C-9	6000	2800	5 1/4	6 15/16	
		Mog.	15574	202PS25/1	120	60	Cl., St. Lighting Gr. Repl. ³⁴	C, C-9	6000	2780	5 3/8	7 1/8	
			15579	202PS25/1	125	60	Cl., St. Lighting Gr. Repl. ³⁴	C, C-9	6000	2780	5 3/8	7 1/8	
	PS-35	Mog.	15585	202PS35	120	24	Cl., St. Lighting Gr. Repl. ³⁴	C, C-9	6000	2700	7	9 3/8	
205	PS-25	Med.	15546	K205	120	60	Clear St. Ltg. Krypton ^{25,44}	C, C-9	12000	2700	5 1/4	6 15/16	
			15547	K205	125	60	Clear St. Ltg. Krypton ^{25,44}	C, C-9	12000	2700	5 1/4	6 15/16	
211	PS30	Med.	15804	211PS30/16	120	60	Clear, Street Lighting	C, C-9	1500	3525	6	8 1/16	

Ⓢ Do not burn base up.
• Indicates Aluminum Base.

Ⓢ Burn only in porcelain sockets.
† Field Angle: All Other Beam Angle.

ESP WE SUGGEST An Energy Saving Product.
CP CandlePower
Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl.Item No.									
230	PS30	Med.	15656	230PS30/26	120	60	Cl., St. Ltg., Gr. Replacement	C, C-9	3000	3590	6	8 1/16
			15657	230PS30/26	125	60	Cl., St. Ltg., Gr. Replacement	C, C-9	3000	3590	6	8 1/16
250	G-30	Med. Skt.	14738	250G30	115-125	60	Infrared Indust.® 26,36,38	C, C-11	5000 +		5	7 5/16
	KR38	Med.	14661	250KR38/FL	120-130	12	*Flood Krypton®	C, CC-6	4000	3200		5 13/16
			14662	250KR38/SP	120-130	12	*Spot Krypton®	C, CC-6	4000	3200		5 13/16
	P-25	Med.	15019	250P25	32	60	Cl., Locomotive Headlight ²²	C, C-5A	500	4500	3	4 3/4
			15021	250P25	60	60	Cl., Locomotive Headlight ²²	C, C-5	500	4200	3	4 3/4
	Y	Med.	14307	250P25/SP	120	60	Cl. Spotlight	C, C-5	200	4480	3	4 3/4
			14311	250P25/FL	120	60	Cl. Floodlight	C, C-5	800	3795	3	4 3/4
			14312	250P25/FL	125	60	Cl. Floodlight	C, C-5	800	3795	3	4 3/4
	PS-30	Med.	14731	250PS30/33	115-125	60	*Cl. Refl. Infrared Brooder® 19,36,38	C, C-9	5000 +			8 1/16
	R-40	Med. Skt.	14745	250R40/4	115-125	24	Lt. I.F. Refl. Infrared Industrial® 19,36,107	C, C-11	5000 +			7 1/4
			14740	250R40/5	115-125	24	*Cl. Refl. Infrared Industrial® 36,107	C, C-11	5000 +			7 5/8
	Reflector	Med.	14665	250R40/1	115-125	12	*Light Refl. Infrared Heat ^{18,19,36,107}	C, CC-6	5000 +			6 1/2
			14663	250R40/10	115-125	6	*Red Bowl Reflector Infrared ^{18,36,107}	C, C-11	5000 +			6 7/8
			14585	250R40/15	115-125	12	Red Bowl Refl. Infrared Heat ^{18,36,107}	C, CC-6	5000 +			6 1/2
295	PS-35	Mog.	16171	295PS35/58	120	24	Cl. St. Lighting Gr. Replace. ³⁹	C, C-9	3000	4780	7	9 3/8
			16172	295PS35/58	125	24	Cl. St. Lighting Gr. Replace. ³⁹	C, C-9	3000	4780	7	9 3/8
			16173	295PS35/58	130	24	Cl. St. Lighting Gr. Replace. ³⁹	C, C-9	3000	4780	7	9 3/8
300	PAR-56	Mog. End Prong	14947	300PAR56/NSP	120	12	*Narrow Spot ^{29,44,106}	C, CC-13	2000	3840		5
			14944	300PAR56/NSP	125-130	12	*Narrow Spot ^{29,44,106}	C, CC-13	2000	3840		5
			14950	300PAR56/MFL	120	12	*Medium Flood ^{29,44,106}	C, CC-13	2000	3840		5
			14946	300PAR56/MFL	125-130	12	*Medium Flood ^{29,44,106}	C, CC-13	2000	3840		5
			14953	300PAR56/WFL	120	12	*Wide Flood ^{29,44,106}	C, CC-13	2000	3840		5
			14945	300PAR56/WFL	125-130	12	*Wide Flood ^{29,44,106}	C, CC-13	2000	3840		5
	Ext. Mog. End Prong		14917	300PAR56/2MFL	125-130	6	*Dich. Coat. Refl., Cool-Lux Med. Fld.® 29,44,56,106	C, CC-13	2000	3840		5 3/4
	PS-30	Med.	15742	300M	120	60	*Clear	C, C-9	750	6000	6	8 1/16
			15743	300M	125	60	*Clear	C, C-9	750	6000	6	8 1/16
			15744	300M	130	60	*Clear	C, C-9	750	6000	6	8 1/16

Y Burn base down to horizontal.
P Burn only in porcelain sockets.

* Heat Resistant Glass Weather Durable (Hard Glass).
• Indicates Aluminum Base.

® Available with brass base.
Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.	
			DCI 046135 UPC 46135 Syl. Item No.										
300	PS-30	Med.	15737	300M/IF	120	60	•Inside Frosted	C, C-9	750	6000	6	8 1/16	
			15738	300M/IF	125	60	•Inside Frosted	C, C-9	750	6000	6	8 1/16	
			15739	300M/IF	130	60	•Inside Frosted®	C, C-9	750	6000	6	8 1/16	
			15688	300M/IF/RS	120	60	Inside Frosted, Rough Service	C, C-9	1000	5450	6	8 1/16	
			15734	300M/IF99/XL	120	60	Inside Frosted Excel-Line® ⁸³	C, C-9	2500	5190	6	8 1/16	
			15761	300M/IF99/XL	125-130	60	Inside Frosted Excel-Line® ⁸³	C, C-9	2500	5190	6	8 1/16	
			15754	300M/99/XL	120	60	Clear Excel-Line® ⁸³	C, C-9	2500	5190	6	8 1/16	
			15758	300M/99/XL	125-130	60	Clear Excel-Line® ⁸³	C, C-9	2500	5190	6	8 1/16	
			15796	300M/1	250	60	•Clear	C, C-7A	1000	4800	6	8 1/16	
			15800	300M/1	277	60	•Clear	C, C-7A	1000	4750	6	8 1/16	
	Mog.	15881	300AX	120	24	Clear, Brass Base	C, CC-8	1000	5960	7	8 13/16		
		15882	300AX	125	24	Clear, Brass Base	C, CC-8	1000	5960	7	8 13/16		
		15883	300AX	130	24	Clear, Brass Base	C, CC-8	1000	5960	7	8 13/16		
		15884	300AX/IF	120	24	Inside Frosted, Brass Base	C, CC-8	1000	5960	7	8 13/16		
		15885	300AX/IF	125	24	Inside Frosted, Brass Base®	C, CC-8	1000	5960	7	8 13/16		
		15886	300AX/IF	130	24	Inside Frosted, Brass Base	C, CC-8	1000	5960	7	8 13/16		
		PS-35	Med. Skt.	15970	300MS	120	24	Clear	C, C-9	1000	5655	7 1/2	9 7/8
				15994	300MS/IF	120	24	Inside Frosted	C, C-9	1000	5655	7 1/2	9 7/8
				15996	300MS/IF	130	24	Inside Frosted	C, C-9	1000	5655	7 1/2	9 7/8
				15998	300MS/D	115-125	24	Clear, Daylight	C, C-9	1000	5550	7 1/2	9 7/8
△	16000			300MS/SBIF	120	24	Inside Frosted, Silver Bowl ²⁰	C, C-9	1000	5400		9 7/8	
△	16001			300MS/SBIF	125	24	Inside Frosted, Silver Bowl ²⁰	C, C-9	1000	5400		9 7/8	
Mog.	15915			300	120	24	Clear	C, C-9	1000	5700	7	9 3/8	
	15916			300	125	24	Clear	C, C-9	1000	5700	7	9 3/8	
	15917			300	130	24	Clear	C, C-9	1000	5700	7	9 3/8	
	15918			300/IF	120	24	Inside Frosted	C, C-9	1000	5700	7	9 3/8	
	15919	300/IF	125	24	Inside Frosted	C, C-9	1000	5700	7	9 3/8			
	15920	300/IF	130	24	Inside Frosted	C, C-9	1000	5700	7	9 3/8			
	15910	300/WB	120	24	White Bowl, Brass Base	C, C-9	1000	5410	7	9 3/8			
	15911	300/WB	125	24	White Bowl, Brass Base	C, C-9	1000	5410	7	9 3/8			
	15939	300/D	115-125	24	Clear, Daylight, Brass Base	C, C-9	1000	5550	7	9 3/8			
	△	15958	300/SBIF	120	24	Inside Frosted, Silver Bowl, Brass Base ²⁰	C, C-9	1000	5400		9 3/8		
△	15960	300/SBIF	125-130	24	Inside Frosted, Silver Bowl, Brass Base ²⁰	C, C-9	1000	5400		9 3/8			
△	16026	300/SBIF/1	120	24	Semi Silver Bowl, Inside Frosted, Brass Base ⁴⁰	C, C-9	1000			9 3/8			

△ Burn base up in porcelain sockets.
 Ⓟ Available with brass base.

• Indicates Aluminum Base.

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
300	PS-35	Mog.	15925	300/99IF/XL	120	24	Inside Frosted Excel-Line® ⁸³	C, C-9	2500	5190	7	9 3/8
			15930	300/99IF/XL	125-130	24	Inside Frosted Excel-Line® ⁸³	C, C-9	2500	5190	7	9 3/8
			15904	300/99/XL	120	24	Clear Excel-Line® ⁸³	C, C-9	2500	5190	7	9 3/8
			15907	300/99/XL	125-130	24	Clear Excel-Line® ⁸³	C, C-9	2500	5190	7	9 3/8
			15874	300/RS	120	24	Clear, Rough Service	C, C-9	1000	5440	7	9 3/8
			15876	300/RS	125-130	24	Clear, Rough Service	C, C-9	1000	5440	7	9 3/8
			15873	300/RS/IF	120	24	Inside Frosted, Rough Service	C, C-9	1000	5440		9 3/8
			15890	300/RS/IF	125-130	24	Inside Frosted, Rough Service	C, C-9	1000	5440	7	9 3/8
			16064	300	230	24	Clear	C, C-7A	1000	4830	7	9 3/8
			16066	300	250	24	Clear	C, C-7A	1000	4830	7	9 3/8
			16068	300	277	24	Clear	C, C-7A	1000	4650	7	9 3/8
			16086	300/IF	230	24	Inside Frosted	C, C-7A	1000	4830	7	9 3/8
			16089	300/99/XL	230-250	24	Clear Excel-Line® ⁸³	C, C-7A	2500	4140	7	9 3/8
PS-40	Med. Skt.		16230	B300MS/PS40	120	24	I.F., Direct Lite, Neck Reflector	C, C-11	2000			10 1/4
			16254	B300PS40	120	24	I.F., Direct Lite, Neck Reflector	C, C-11	2000			9 3/4
R-40	Med.		14761	300R/SP	120	24	Spot, Inside Frosted® ^{19,32,44}	C, CC-2V	2000	14000 ^{CP} (40°†)		6 1/2
			14767	300R/SP	125-130	24	Spot, Inside Frosted® ^{19,32,44}	C, CC-2V	2000	14000 ^{CP} (40°†)		6 1/2
			14779	300R/FL	120	24	Flood, Inside Frosted® ^{19,32,44}	C, CC-2V	2000	2900 ^{CP} (120°†)		6 1/2
			14781	300R/FL	125-130	24	Flood, Inside Frosted® ^{19,32,44}	C, CC-2V	2000	2900 ^{CP} (120°†)	CP	6 1/2
			14800	300R/FL/1	120	24	*Flood, Inside Frosted® ^{32,43}	C, CC-2V	2000	2900 ^{CP} (120°†)		6 7/8
			14810	300R/FL/1	125-130	24	*Flood, Inside Frosted® ^{32,43}	C, CC-2V	2000	2900 ^{CP} (120°†)		6 7/8
			14816	300R/3SP	120	24	*Spot, I.F.® ^{43,19,33}	C, CC-2V	2000	14000 ^{CP} (40°†)		7 1/4
			14796	300R/3FL	120	24	*Flood, I.F.® ^{43,19,33}	C, CC-2V	2000	2900 ^{CP} (120°†)		7 1/4
			14798	300R/3FL	125-130	24	*Flood, I.F.® ^{43,19,33}	C, CC-2V	2000	2900 ^{CP} (120°†)		7 1/4
			14859	300R/3FL	250	24	*I.F., Reflector Flood ⁴³	C, CC-11	2000	2900 ^{CP} (120°†)		7 1/4
327	PS-35	Mog.	16181	327PS35	120	24	Clear, St. Lighting Gr. Replacement ³⁹	C, C-9	6000	4850	7	9 3/8
			16182	327PS35	125	24	Clear, St. Lighting Gr. Replacement ³⁹	C, C-9	6000	4850	7	9 3/8
340	PS-35	Mog.	16012	340PS35/52	120	24	Cl., St. Ltg., Gr. Replacement	C, C-9	3000	5550	7	9 3/8
			16013	340PS35/52	125	24	Cl., St. Ltg., Gr. Replacement	C, C-9	3000	5550	7	9 3/8
370	PS-40	Mog.	16870	370PS40/50	120	24	Street Lighting ⁴⁵	C, C-9	1500	6785	7	9 3/4

* Heat Resistant Glass Weather Durable (Hard Glass).

® Burn only in porcelain sockets.

® WE SUGGEST An Energy Saving Product.

† Field Angle: All Other Beam Angle.

Numbered Footnotes are listed on page 88.

CP CandlePower



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
370	PS-40	Mog.	16871	370PS40/50	125	24	Street Lighting ⁴⁵	C, C-9	1500	6785	7	9 ³ / ₄
375	G-30	Med. Skt.	14739	375G30	115-125	60	Infrared Industrial ^{36,38}	C, C-11	5000 +		5	7 ⁵ / ₁₆
	R-40	Med. Skt.	14746	375R40	115-125	24	Lt. I.F. Refl. Infrared In- dustrial ^{19,36,38,44}	C, C-11	5000 +			7 ¹ / ₄
			14747	375R40/1	115-125	24	*Reflector Infrared ^{36,38}	C, C-11	5000 +			7 ⁵ / ₈
400	G-30	Med.	14462	400G/SP	120	60	Spotlight	C, C-5	200	8506	3	5 ¹ / ₈
			14463	400G/SP	125	60	Spotlight	C, C-5	200	8506	3	5 ¹ / ₈
			14522	400G/FL	120	60	Floodlight	C, C-5	800	6990	3	5 ¹ / ₈
			14523	400G/FL	125	60	Floodlight	C, C-5	800	6990	3	5 ¹ / ₈
405	PS-40	Mog.	16873	405PS40/54	120	24	St. Ltg. Gr. Replace. ⁴⁵	C, C-9	3000	6810	7	9 ³ / ₄
			16874	405PS40/54	125	24	St. Ltg. Gr. Replace. ⁴⁵	C, C-9	3000	6810	7	9 ³ / ₄
			16875	405PS40/54	130	24	St. Ltg. Gr. Replace. ⁴⁵	C, C-9	3000	6810	7	9 ³ / ₄
500	G-30	Med. Skt.	14787	500G30/1	115-125	24	Clear, Infrared Industrial	C, C-11	5000 +		5	7 ¹⁵ / ₁₆
	G-40	Med.	14910	500G/FL	120	24	Floodlight	C, C-5	800	9050	4 ¹ / ₄	7 ¹⁵ / ₁₆
	PAR-64	Ext. Mog. End Prong	14938	500PAR64/NSP	120	6	*Narrow Spot ^{29,44,85,106}	C, CC-13	2000	6500		6
			14939	500PAR64/NSP	125	6	*Narrow Spot ^{29,44,85,106}	C, CC-13	2000	6500		6
			14932	500PAR64/MFL	120	6	*Medium Flood ^{29,44,85,106}	C, CC-13	2000	6500		6
			14934	500PAR64/MFL	125-130	6	*Medium Flood ^{29,44,85,106}	C, CC-13	2000	6500		6
			14935	500PAR64/WFL	120	6	*Wide Flood ^{29,44,85,106}	C, CC-13	2000	6500		6
			14937	500PAR64/WFL	125-130	6	*Wide Flood ^{29,44,85,106}	C, CC-13	2000	6500		6
	PS-35	Mog.	16032	500	120	24	Clear	C, CC-8	1000	10600	7	9 ³ / ₈
			16033	500	125	24	Clear	C, CC-8	1000	10600	7	9 ³ / ₈
			16034	500	130	24	Clear	C, CC-8	1000	10600	7	9 ³ / ₈
			16038	500/IF	120	24	Inside Frosted	C, CC-8	1000	10600	7	9 ³ / ₈
			16039	500/IF	125	24	Inside Frosted	C, CC-8	1000	10600	7	9 ³ / ₈
			16040	500/IF	130	24	Inside Frosted	C, CC-8	1000	10600	7	9 ³ / ₈
	PS-40	Mog.	16160	500/4	120	24	*Clear	C, C-7A	1000	10100	7	9 ³ / ₄
			15880	500/RS/IF	130	24	Inside Frost., Rough Service	C, C-9	1000	9575	7	9 ³ / ₄
			16326	500	277	24	Clear	C, C-7A	1000	8900	7	9 ³ / ₄
		Mog	16140	500PS40	115	24	Clear	C, C-9	1000	10100	7	9 ³ / ₄
			16141	500PS40	120	24	Clear	C, C-9	1000	10100	7	9 ³ / ₄
			16142	500PS40	125	24	Clear	C, C-9	1000	10100	7	9 ³ / ₄
			16143	500PS40	130	24	Clear	C, C-9	1000	10100	7	9 ³ / ₄
			16146	500PS40/IF	120	24	Inside Frosted	C, C-9	1000	10100	7	9 ³ / ₄

⌵ Burn base down to horizontal.
 (P) Burn only in porcelain sockets.

* Heat Resistant Glass Weather Durable (Hard Glass).

Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
500	PS-40	Mog.	16147	500PS40/IF	125	24	Inside Frosted	C, C-9	1000	10100	7	9¾
			16148	500PS40/IF	130	24	Inside Frosted	C, C-9	1000	10100	7	9¾
			16164	500/WB	120	24	White Bowl	C, C-9	1000			9¾
			16100	500/SBIF	120	24	I.F., Silver Bowl ²⁰	C, C-9	1000	9400		9¾
			16102	500/SBIF	125-130	24	I.F., Silver Bowl ²⁰	C, C-9	1000	9400		9¾
			16216	500/SBIF/1	120	24	Semi Silver Bowl, I.F. ⁹⁹	C, C-9	1000			9¾
			16155	500/99IF/XL	120	24	Inside Frosted Excel-Line ⁸³	C, C-9	2500	9100	7	9¾
			16158	500/99IF/XL	125-130	24	Inside Frosted Excel-Line ⁸³	C, C-9	2500	9100	7	9¾
			16130	500/99/XL	120	24	Clear Excel-Line ⁸³	C, C-9	2500	9100	7	9¾
			16133	500/99/XL	125-130	24	Clear Excel-Line ⁸³	C, C-9	2500	9100	7	9¾
			15877	500/RS	120	24	Clear, Rough Service	C, C-9	1000	9575	7	9¾
			15879	500/RS	125-130	24	Clear, Rough Service	C, C-9	1000	9575	7	9¾
			16323	500	230	24	Clear	C, C-7A	1000	9270	7	9¾
			16325	500	250	24	Clear	C, C-7A	1000	9270	7	9¾
			16328	500/IF	230	24	Inside Frosted	C, C-7A	1000	9270	7	9¾
			16330	500/IF	250	24	Inside Frosted	C, C-7A	1000	9270	7	9¾
			16318	500/99/IF/XL	230-250	24	Inside Frosted Excel-Line ⁸³	C, C-7A	2500	7870	7	9¾
			16320	500/99/XL	250	24	Clear Excel-Line ⁸³	C, C-7A	2500	7870	7	9¾
Reflector	R-40	Mog.	14846	500R/3SP	120	24	*Reflector Spot, I.F. ^{43,44,46}	C, CC-2V	2000	23000CP ^(50°)		7¼
			14835	500R/3FL	120	24	*Reflector Flood, I.F. ^{43,44,46}	C, CC-2V	2000	6500CP ^(75°)		7¼
			14837	500R/3FL	125-130	24	*Reflector Flood, I.F. ^{43,44,46}	C, CC-2V	2000			7¼
			14857	500R/3FL	250	24	*Reflector Flood, I.F. ^{43,44,46}	C, CC-11	2000			7¼
Decor	R-52	▲ Mog.	14978	500R52	120	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	7030		11¾
		▲	14980	500R52	125-130	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	7030		11¾
		▲	15032	500R52	250	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	6470		11¾
	R60	Mog.	15048	500R60/WFL	125	6	*Face Fr., Refl., Wide Flood, 90 degrees	C, C-7A	2000	7850		10⅝
Decor	T-12	▲ Med. Pf.	17924	500T12/8 (DEB)	120	24	*Spotlight	C, C-13D	800		3½	6⅛
	T-20	▼ Med. Pf.	17932	500T20/64 (DNW)	120	24	*Display Spotlight	C, C-13	500	9500	2⅝	5¾
585	PS-40	Mog.	16882	585PS40/48	120	24	Cl., St. Ltg., Gr. Replace. ⁴⁷	C, C-7A	3000	10290	7	9¾
620	PS-40	Mog. Pf.	16867	620PS40/P	120	24	Clear Airport, Gr. Repl.	C, C-7A	3000	11050	5⅞	10⅞
			16869	620PS40/P	130	24	Clear Airport, Gr. Repl.	C, C-7A	3000	11050	5⅞	10⅞

▲ Burn base up in porcelain sockets.
▼ Burn base down to horizontal.

▲ Burn base up.
* Heat Resistant Glass Weather Durable (Hard Glass).

† Field Angle: All Other Beam Angle.
CP CandlePower
Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
620	PS-40	Mog.	16885	620PS40/53	120	24	Cl., St. Ltg., Gr. Replace. ⁴⁷	C, C-7A	3000	11050	7	9
			16886	620PS40/53	125	24	Cl., St. Ltg., Gr. Replace. ⁴⁷	C, C-7A	3000	11050	7	9¾
			16887	620PS40/53	130	24	Cl., St. Ltg., Gr. Replace. ⁴⁷	C, C-7A	3000	11050	7	9¾
690	PS-40	Mog.	16864	690PS40	120	24	Clear, Street Lighting ⁴⁷	C, C-7A	6000	11000	7	9¾
			16865	690PS40	125	24	Clear, Street Lighting ⁴⁷	C, C-7A	6000	11000	7	9¾
700	PS-40	Mog. Pf.	16866	700PS40/P	120	24	*Clear, Airport Hard Glass	C, C-7A	6000	10050	5 11/16	10 1/16
750	PS-52	Mog.	16346	750	120	12	Clear	C, CC-8	1000	16810	9 1/2	13 1/16
			16347	750	125	12	Clear	C, CC-8	1000	16810	9 1/2	13 1/16
			16348	750	130	12	Clear	C, CC-8	1000	16810	9 1/2	13 1/16
			16356	750/IF	120	12	Inside Frosted	C, CC-8	1000	16810	9 1/2	13 1/16
			16358	750/IF	125-130	12	Inside Frosted	C, CC-8	1000	16810	9 1/2	13 1/16
		△	16419	750/SBIF	120	12	I.F., Silver Bowl ²⁰	C, C-7A	1000	15000		13 1/16
			16393	750/99/XL	120	12	Clear Excel-Line ⁸³	C, C-7A	2500	14400	9 1/2	13 1/16
			16396	750/99/XL	125-130	12	Clear Excel-Line ⁸³	C, C-7A	2500	14400	9 1/2	13 1/16
			16642	750	250	12	Clear	C, C-7A	2000	13600	9 1/2	13 1/16
	R-52	△ Mog.	15004	750R52	120	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	4500 ^{CP(70)†}		11 3/4
			14992	750R52	125-130	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	4500 ^{CP(70)†}		11 3/4
		△	15009	750R52/1	130	12	*Lt. I.F. Refl. High Bay ⁶¹	C, C-7A	2000	10000 ^{CP(30)†}		11 3/4
Reflector		△	15046	750R52	230	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	10925		11 3/4
		△	15047	750R52	250	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	10925		11 3/4
		△	15073	750R52	277	12	Reflector High Bay Lt. I.F. ^{19,20,44,61}	C, C-7A	2000	10925		11 3/4
860	PS-52	Mog.	16433	860PS52/80	125	12	Cl., St. Ltg., Gr. Replace. ⁴⁹	C, C-7A	3000	15300	9 1/2	13 1/16
1000	G-40	▽ Mog.	14930	1M/G40FL	120	24	*Floodlight, Clear	C, C-5	800	19850	5 1/4	8
		▽	14931	1M/G40FL	125	24	*Floodlight, Clear	C, C-5	800	19850	5 1/4	8
		▽ Mog. Pf.	14925	1M/G40PSP	120	24	*Spotlight, Clear	C, C-5	200	22900	3 5/16	8 7/16

△ Burn base up in porcelain sockets.
† Field Angle: All Other Beam Angle.

▽ Burn base down to horizontal.
* Heat Resistant Glass Weather Durable (Hard Glass).

CP CandlePower
Numbered Footnotes are listed on page 88.



Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
1000	PS-52	Mog.	16423	1000	120	12	Clear	C, CC-8	1000	23100	9½	13⅛
			16424	1000	125	12	Clear	C, CC-8	1000	23100	9½	13⅛
			16425	1000	130	12	Clear	C, CC-8	1000	23100	9½	13⅛
			16428	1000/IF	120	12	Inside Frosted	C, CC-8	1000	23100	9½	13⅛
			16430	1000/IF	130	12	Inside Frosted	C, CC-8	1000	23100	9½	13⅛
			16491	1000/SBIF	120	12	I.F., Silver Bowl ²⁰	C, C-7A	1000	20400		13⅛
			16461	1000/7	120	12	Clear	C, C-7A	1000	22000	9½	13⅛
			16466	1000/99/XL	120	12	Clear Excel-Line ⁸³	C, C-7A	2500	19800	9½	13⅛
			16469	1000/99/XL	125-130	12	Clear Excel-Line ⁸³	C, C-7A	2500	19800	9½	13⅛
			16539	1M/PS52/44	120	12	*Clear, Special Service	C, C-7A	1000	21800	9½	13⅛
			16662	1000	230	12	Clear	C, C-7A	2000	18850	9½	13⅛
			16664	1000	250	12	Clear	C, C-7A	2000	18850	9½	13⅛
			16678	1000	277	12	Clear	C, C-7A	1000	19500	9½	13⅛
	R-60	Mog.	15078	1000R60/MWFL	120	6	*Cl., Reflector Med. Wide Flood 54 degrees	C, C-7A	2000	19150		10⅞
			15051	1000R60/WFL	120	6	*Lt. I.F., Reflector Wide Flood 80 degrees	C, C-7A	2000	19150		10⅞
1500	PS-52	Mog.	16542	1500	105	12	Clear ⁵⁰	C, C-7A	1000	33000	9½	13⅛
			16544	1500	115	12	Clear ⁵⁰	C, C-7A	1000	33620	9½	13⅛
			16545	1500	120	12	Clear ⁵⁰	C, C-7A	1000	33620	9½	13⅛
			16546	1500	125	12	Clear ⁵⁰	C, C-7A	1000	33620	9½	13⅛
			16547	1500	130	12	Clear ⁵⁰	C, C-7A	1000	33620	9½	13⅛
			16577	1500/99/XL	130	12	Clear, Excel-Line ^{83,50}	C, C-7A	2500	29800	9½	13⅛
			16569	1500/IF	120	12	Inside Frosted ⁵⁰	C, C-7A	1000	33620	9½	13⅛
			16571	1500/IF	130	12	Inside Frosted ⁵⁰	C, C-7A	1000	33620	9½	13⅛
			16599	1500PS52/46	120	12	*Clear, Special Service ⁵⁰	C, C-7A	2500	29800	9½	13⅛
1500	PS-52	Mog.	16600	1500PS52/46	130	12	*Clear, Special Service ⁵⁰	C, C-7A	2500	29800	9½	13⅛
			16689	1500	230	12	Clear ⁵⁰	C, C-7A	2000	26750	9½	13⅛
			16691	1500	250	12	Clear ⁵⁰	C, C-7A	2000	26750	9½	13⅛
			16693	1500	277	12	Clear ⁵⁰	C, C-7A	1000	28400	9½	13⅛

△ Burn base up in porcelain sockets.

* Heat Resistant Glass Weather Durable (Hard Glass).

Numbered Footnotes are listed on page 88.

Lumen Rated Traffic Signal Lamps

Lu- mens	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Nominal Watts	L.C.L.	M.O.L.
665	A-21	Med.	12462	665L/A21/TS/KR	120	120	Clear, Krypton Filled	C, C-9	8000	64	2 ⁷ / ₁₆	4 ⁷ / ₁₆
1950	P-25	Med.	15016	1950L/P25/8	120	60	Clear	C, C-9	8000	165	3	4 ³ / ₄
			15018	1950L/P25/8	125	60	Clear	C, C-9	8000	165	3	4 ³ / ₄
			15020	1950L/P25/8	130	60	Clear	C, C-9	8000	165	3	4 ³ / ₄
2250	P-25	Med.	15012	2250L/P25/2	120	60	Clear	C, C-9	2000	150	3	4 ³ / ₄
			15013	2250L/P25/2	125	60	Clear	C, C-9	2000	150	3	4 ³ / ₄

Krypton Filled Traffic Signal SuperSaver® Lamps

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
54	A-19	Med. Brass	10441	54A19TS/8M/SS	120-125	120	Kr. Filled, Clear, Traffic Signal, w/ Heat Reflector ⁹⁶	C, C-11V	8000	530	2 ⁷ / ₁₆	3 ⁷ / ₈
60	A-19	Med. Brass	10442	60A19TS/8M/SS	120-125	120	Kr. Filled, Clear, Traffic Signal, w/ Heat Reflector ⁹⁶	C, C-11V	8000	610	2 ⁷ / ₁₆	3 ⁷ / ₈
90	A-19	Med. Brass	11151	90A19TS/8M/SS	120-125	120	Kr. Filled, Clear, Traffic Signal, w/ Heat Reflector ⁹⁶	C, C-11V	8000	1040	2 ⁷ / ₁₆	4 ³ / ₈
			12299	90A19/1/TS/8M/SS	120-125	120	Kr. Filled, Clear, Traffic Signal, w/ Heat Reflector ⁹⁶	C, C-11V	8000	1040	3	4 ⁵ / ₈
135	A-21	Med. Brass	12842	135A21/TS/6M/SS	120-125	120	Kr. Filled, Clear, Traffic Signal, w/ Heat Reflector ⁹⁶	C, C-11V	6000	1750	3	4 ¹ / ₁₆

Street Lighting Lamps (Series Burning) ALL LAMPS ARE CLEAR UNLESS OTHERWISE NOTED

Lu- mens	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	AMPS	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Volts	L.C.L.	M.O.L.
325	A-21	Med. Pf.	13420	325/66/A21	6.6	120	Airport	C, C-8	2000	4.2	2 ³ / ₄	5 ¹⁵ / ₁₆
1000	PS-25	Mog.	19161	1M/66	6.6	60		C, C-8	2000	9.2	5 ³ / ₈	7 ³ / ₈
			19173	1M/66G	6.6	60	Group Replacement ^{25,83}	C, C-8	6000	11	5 ³ / ₈	7 ¹ / ₈
2500	PS-25	Mog.	19204	2500/66G/PS25	6.6	60	Gr. Replacement, Base Up ⁸³	C, C-2V	6000	24.3	5 ³ / ₈	7 ¹ / ₈
4000	PS-35	Mog.	19211	4M/66	6.6	24		C, C-2V	2000	32.2	7	9 ³ / ₈
4000	PS-35	Mog.	19216	4M/66G	6.6	24	Group Replacement ⁸³	C, C-2V	6000	37.6	7	9 ³ / ₈
			19219	4M/66R	6.6	24	Group Replacement	C, C-2V	3000	34.1	7	9 ³ / ₈

⌵ Burn base down to horizontal.

Numbered Footnotes are listed on page 88.

Street Lighting Lamps (Series Burning) ALL LAMPS ARE CLEAR UNLESS OTHERWISE NOTED (continued)

Lumens	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	AMPS	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Volts	L.C.L.	M.O.L.
			Syl. Item No.									
6000	PS-40	Mog.	19259	6M/66	6.6	24		C, C-2V	2000	47.8	7	9¾
			19265	6M/66G	6.6	24	Group Replacement ⁸³	C, C-2V	6000	55.8	7	9¾
			19262	6M/66R	6.6	24	Group Replacement	C, C-2V	3000	50.5	7	9¾
			19325	6M/20BU	20	24	Base Up	C, C-2V	2000	14.9	7	9¾
			19327	6M/20R/BU	20	24	Group Replacement, Base Up	C, C-2V	3000	15.4	7	9¾
			19312	6M/20G/BU	20	24	Group Replacement, Base Up ⁸³	C, C-2V	6000	17.2	7	9¾
10M	PS-40	Mog.	19303	10M/66R	6.6	24	Group Replacement	C, C-7A	3000	86.8	7	9¾
			19304	10M/66G	6.6	24	Clear ⁸³	C, C-7A	6000	95.9	7	9¾
			19331	10M/20R/BU	20	24	Group Replacement, Base Up	C, C-7	3000	26.1	7	9¾
			19340	10M/20G/BU	20	24	Group Replacement, Base Up ⁸³	C, C-7	6000	28.7	7	9¾
15M	PS-40	Mog.	19335	15M/20R/BU	20	24	Group Replacement, Base Up	C, C-7	3000	37.5	7	9¾

Lamps Listed by Volts and Amperes (Including Airport)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	AMPS	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
115V	A-15	Med.	10361	35A/A15	.35	120	Resistance Ballast, I.F. ³⁶	B, C-9	3000	295	2¾	3½
30W	T-10	▼Med. Pf.	17980	6.6A/T10/1P	6.6	60	Airport Marker	C, C-2V	1000		1½	3½/16
45W	T-10	▼Med. Pf.	17981	6.6A/T10P	6.6	60	Airport Marker	C, C-2V	1000		1½	3½/16
200W	PAR-56	Mog. End Prong	14965	6.6/PAR56/2	6.6	12	*Airport	C, C-13	500			5
	PAR-64	Mog. End Prong	14985	6.6/PAR64/2	6.6	6	*Airport	C, CC-6	1000			4½
204W	T-14	▼Med. Pf.	17983	6.6A/T14/2P	6.6	24	Airport Marker	C, C-13	500		2¾/16	5¾
300W	PAR-56	Scr. Term	14967	25A/PAR56/WFL	25	12	*Swimming Pool ⁹¹	C, C-6	1000			4½

▼ Burn base down.

* Heat Resistant Glass Weather Durable (Hard Glass).

Numbered Footnotes are listed on page 88.

Carded Items

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
4	C-7	Cand.	13542	4C7/BL	115-125	24	Clear	B, C-9	3000	22		2 1/8
12	S-8	S.C. Bay	16810	93/BL	12	24	Clear	C, C-6	500		1 1/8	2
24	RP-11	S.C. Bay	16821	1133/BL	6	24	Clear	C, C-6	200		1 1/4	2 1/4
40	S-11	Inter.	13598	40S11N/BL	115-125	24	Clear	C, C-7A	500	440	1 5/8	2 5/16
7	C-7	Cand.	13540	7C7/W/BL	115-125	24	•White	B, C-9	3000	36		2 1/8
7 1/2	S-11	Med.	19430	7 1/2S/CW/BL	115-125	24	•White Ceramic	B, C-9	1400	40		2 1/4
15	T-7	D.C. Bay	18199	15T7DC/BL	120	24	Clear	B, C-7A	(3)	115		2 1/4
25	T-8	D.C. Bay	18311	25T8DC/BL	120	24	Clear	B, C-7A	(3)	235		2 5/8
		Inter.	18362	25T8N/BL	120	24	Clear	B, C-7A	(3)	235		2 5/8

General Purpose Incandescent Capsylites

42	MB-19	Med.	18902	42MB/CAP	120	20	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	665	3 3/8	4 3/8
			18903	42MB/CAP	130	20	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	665	3 3/8	4 3/8
52	MB-19	Med.	18917	52MB/CAP	120	20	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	885	3 3/8	4 3/8
			18918	52MB/CAP	130	20	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	885	3 3/8	4 3/8
72	MB-19	Med.	18932	72MB/CAP	120	20	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	1300	3 3/8	4 3/8
			18933	72MB/CAP	130	20	Inside Frost, Tungsten Halogen Capsule	C, CC-8	3500	1300	3 3/8	4 3/8

GRO-LUX® Fixtures

19075	75R30/GRO/H	6	Fixture complete with 1-75R30/GRO Lamp
19080	150R40/GRO/H	6	Fixture complete with 1-150R40/GRO Lamp

INCANDESCENT — SPECIAL PACK

10171	THANK YOU PACK	125	120	Thank You Pack/IF, Consists of 2-60A, 1-75A, 2-100A, all Inside Frosted Lamps, 24 Thank You Packs per Shipping Case for Fund Raising only.
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T
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(SINGLE
ENDED)T (DOUBLE ENDED WITH
BRAIDED LEADS)

2

INCANDESCENT QUARTZ

Quartz Infrared

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens	M.O.L. Inches
			Syl. Item No.									
500	T-3	C(16)	59850	500T3	115-125	12	Translucent ^{71.73}	5	C, C-8	5000		8 ¹³ / ₁₆
		C/RSC	59822	500T3/7	120	12	Translucent ^{71.73}	5	C, C-8	5000		8 ⁵ / ₈
		C(110)	59823	500T4/CL	120	12	Clear ^{71.73}	1	C, C-8	3000		2 ¹³ / ₁₆
1000	T-3	— (16)	59860	1000T3	230-250	12	Translucent ^{71.73}	10	C, C-8	5000		13 ¹³ / ₁₆
		—	59862	1000T3/CL	240	12	Clear ^{71.73}	8 ¹ / ₂	C, C-8	5000		11 ⁵ / ₁₆
		—	59861	1000T3/CL/HT	230-250	12	Clear, High Temp. ¹⁷	10	C, C-8	5000		11 ¹⁵ / ₁₆
1200	T-3	— (16)	59934	1200T3/CL/HT	144	12	Clear, High Temp. ^{71.74}	6	C, C-8	(89)		8 ¹³ / ₁₆
1600	T-3	— (16)	59847	1600T3	208	12	Translucent ^{71.73}	16	C, C-8	5000		19 ¹³ / ₁₆
		—	59864	1600T3	240	12	Translucent ^{71.73}	16	C, C-8	5000		19 ¹³ / ₁₆
		—	59936	1600T3	277	12	Translucent ^{71.73}	16	C, C-8	5000		19 ¹³ / ₁₆
		—	59865	1600T3/CL/HT	230-250	12	Clear, High Temp. ¹⁷	16	C, C-8	5000		19 ¹³ / ₁₆
		— RSC	59840	1600T3/7	208	12	Translucent ^{71.73}	16	C, C-8	5000		19 ⁵ / ₈
		—	59841	1600T3/7	240	12	Translucent ^{71.73}	16	C, C-8	5000		19 ⁵ / ₈
		—	59842	1600T3/7	277	12	Translucent ^{71.73}	16	C, C-8	5000		19 ⁵ / ₈
		—	59842	1600T3/7	277	12	Translucent ^{71.73}	16	C, C-8	5000		19 ⁵ / ₈
2000	T-3	— (16)	59856	2000T3/CL	230-250	12	Clear ^{71.73}	10	C, C-8	5000		13 ¹³ / ₁₆
		—	59935	2000T3/1CL/HT	230-250	12	Clear, High Temp. ^{71.72, 74}	9 ³ / ₄	C, C-8	(89)		11 ¹³ / ₁₆
2200	T-3	— (110)	59925	2200T3/CL/HT	250	12	Clear, High Temp. ¹⁷	9 ³ / ₄	C, C-8	1000		11 ¹⁵ / ₁₆
2500	T-3	— (16)	59867	2500T3	480	12	Translucent ^{71.73}	25	C, C-8	5000		28 ¹³ / ₁₆
		—	59858	2500T3/HT	575	12	Clear, High Temp. ¹⁷	25	C, C-8	5000		28 ¹³ / ₁₆
		— RSC	59803	2500T3/7	480	12	Translucent ^{71.73}	25	C, C-8	5000		28 ⁵ / ₈
3000	T-3	— (16)	59866	3000T3/CL	240	12	Clear ^{71.73}	16 ¹ / ₈	C, C-8	5000		19 ¹³ / ₁₆
3200	T-3	— (16)	59871	3200T3/CL/HT	384	12	Clear, High Temp. ^{17, 96}	16	C, C-8	5000		17 ¹⁵ / ₁₆
3650	T-3	— (16)	59859	3650T3/CL	480	12	Clear ^{71.73}	38	C, C-8	5000		41 ¹¹ / ₁₆
3800	T-3	— (16)	59870	3800T3	570	12	Translucent ^{71.73}	38	C, C-8	5000		41 ¹³ / ₁₆
5000	T-3	— (16)	59790	5000T3/1CL/HT	575-625	12	Clear ^{17, 96}	25	C, C-8	2000		28 ¹³ / ₁₆
		—	59937	5000T3/NBL	480	12	Clear ^{71.73}	58	C, C-8	5000		61 ¹ / ₄
6000	T-3	— (115)	59921	6000T3/CL/HT	480	12	Clear, High Temp. ^{17, 74}	9 ³ / ₄	C, C-8	100		11 ¹¹ / ₁₆
		— (110)	59924	6000T3/CL/HT/1	480	12	Clear, High Temp. ^{17, 74}	9 ³ / ₄	C, C-8	100		11 ¹⁵ / ₁₆
		— (16)	59919	6000T3/CL/HT6	480	12	Clear, High Temp. ^{17, 74}	9 ³ / ₄	C, C-8	100		11 ¹⁵ / ₁₆

C Burn any position.
— Burn horizontal.

Numbered Footnotes are listed on page 88.

T
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T
(DOUBLE
ENDED)



PAR
MOG. END
PRONG



PAR
SCR.
TERM



Tungsten Halogen Lamps Listed By Amps (Including Airport)

Tungsten Halogen Lamps listed below carry the following cautionary notice: "Use in equipment with a suitable screen to protect people and surroundings."

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Amps	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens	M.O.L. Inches
45	T-2½	⊖1¾"Perp. Lead	58804	6.6A/T2½Q/1CL	6.6	12	Perpendicular Lead Base Clear ^{71,73,93}	.173 Max.	C, C-8	2000	675	2
115	T-4	⊖2 Pin Pf	58798	6.6A/T4Q/CL/2PPF	6.6	12	Clear Airport ^{71,93}	L.C.L. 1.54"	C,C-BAR6	500	2400	2.56
200	PAR-64	Mog. End Prong	56220	6.6A/PAR64Q/2P		6	Vasi-Airport Burn Base down to horizontal ¹⁰⁶		C, CC-6	2000		4½
	T-4	⊖1¾"Perp. Lead	58801	6.6A/T4Q/5CL	6.6	12	Perpendicular Lead Base Clear ^{71,73,93}	.256 Max.	C, CC-8	700	5500	3⅛
		2 Pin Pf	58750	6.6AQ/CL/200W	6.6	12	Clear, Airport ¹⁰⁶	L.C.L. 1⅞	C, CC-6	500	5500	2¾
		⊖D.C. Bay Ring	58746	6.6AQ/CL/DCR	6.6	12	Clear, Airport ^{71,93}	L.C.L. 1⅞	C, CC-6	500	5200	2¾
300	PAR-64	Mog. End Prong	56221	Q6.6A/PAR64/3P	6.6	6	Vasi-Airport Burn Base down to horizontal ¹⁰⁶		C, CC-6	2000		4½
500	PAR-56	Mog. End Prong	56227	20AQ/PAR56/1		12	PAR Airport Burn Base down to horizontal ¹⁰⁶		C, CC-6	500		5

TUNGSTEN HALOGEN

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens/ Beam Spread	M.O.L. Inches
36	PAR-36	Comb. Screw Term. and Spade Conn.	55090	▽36PAR36CAP/NSP	12	12	*Narrow Spot, Tungsten Halogen Capsule			4000	5100 ^{CP(18°)}	2¾
			55100	▽36PAR36CAP/VNSP	12	12	Very Narrow Spot, Tungsten Halogen Capsule			4000	23000 ^{CP(5°)}	2¾
			55091	▽36PAR36CAP/WFL	12	12	Wide Flood, Tungsten Halogen Capsule			4000	2350 ^{CP(30°)}	2¾
			55092	▽36PAR36CAP/WFL/A	12	12	Amber Silicone, Tungsten Halogen Capsule			4000		2¾
			55093	▽36PAR36CAP/WFL/B	12	12	Blue Silicone, Tungsten Halogen Capsule			4000		2¾
			55094	▽36PAR36CAP/WFL/BW	12	12	Blue White Silicone, Tungsten Halogen Capsule			4000		2¾
			55095	▽36PAR36CAP/WFL/G	12	12	Green Silicone, Tungsten Halogen Capsule			4000		2¾
			55097	▽36PAR36CAP/WFL/PK	12	12	Pink Silicone, Tungsten Halogen Capsule			4000		2¾

⊖ Burn any position.
▽ Exclusive Sylvania Design.

* Heat Resistant Glass Weather Durable (Hard Glass).
Numbered Footnotes are listed on page 88.

TUNGSTEN HALOGEN (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens	M.O.L. Inches
36	PAR-36	Comb. Screw Term. and Spade Conn.	55096	36PAR36CAP/WFL/R	12	12	Red Silicone, Tungsten Halogen Capsule			4000		2¾
			55098	36PAR36CAP/WFL/Y	12	12	Yellow Silicone, Tungsten Halogen Capsule			4000		2¾
150	T-4	RSC	58912	150T4Q/CL	25	12	Clear, Dental Spot	.480	C, CC-8	3000	2800	2⅞
300	T-2½	- RSC	58923	300T2½Q/CL(EHM)	120	12	Clear ^{71,93} (ANSI Code EHM)	2⅞	C, C-8	2000	6000	4⅞
	T-4	○RSC	58942	300T4Q/CL(EHP)	120	12	Clear ^{71,93,95} (ANSI Code EHP)	⅝	C, CC-8	2500	5000	3⅞
		○	58943	300T4Q/CL	130	12	Clear ^{71,93,95}	⅝	C, CC-8	2500	5000	3⅞
400	T-3	- RSC	58878	400T3Q/CL/SS	120	12	Clear ^{71,93,95} Krypton Filled SuperSaver®	2	C, C-8	2000	9000	4⅞
	T-3	- RSC	58879	400T3Q/CL/SS	130	12	Clear ^{71,93,95} Krypton Filled SuperSaver®	2	C, C-8	2000	9000	4⅞
	T-4	○RSC	58936	400T4Q/CL(EHR)	120	12	Clear ^{71,93,95} (ANSI Code EHR)	⅝	C, CC-8	2000	7500	3⅞
500	T-3	- RSC	58883	500T3Q(FCZ)	120	12	Frosted ^{71,93} (ANSI Code FCZ)	2	C, C-8	2000	10500	4⅞
	-		58856	500T3Q/CL(FCL)	120	12	Clear ^{71,93} (ANSI Code FCL)	2	C, CC-8	2000	11100	4⅞
			ESP WE SUGGEST 400T3Q/CL/SS 120 Volts, An Energy Saving Product									
	-		58902	500T3Q/CL	130	12	Clear ^{71,93}	2	C, C-8	2000	11100	4⅞
			ESP WE SUGGEST 400T3Q/CL/SS 130 Volts, An Energy Saving Product									
	PAR-56	Mog. End Prong	56210	500PAR56Q/NSP	120	12	Narrow Spot ^{29,44}		C, CC-6	4000	7000	5
			56211	500PAR56Q/MFL	120	12	Med. Flood ^{29,44}		C, CC-6	4000	7000	5
			56212	500PAR56Q/WFL	120	12	Wide Flood ^{29,44}		C, CC-6	4000	7000	5
500	T-6	Med. Pf.	54655	DNS/FMC(500T6)		24	Spotlight, Clear® (ANSI Code DNS/FMC)		C, C-13D	500	11000	6⅞
750	T-7	Med. Pf.	54658	DNT/FMD(750T7)	120	24	Spotlight, Clear® (ANSI Code DNT/FMD)		C, C-13D	500	17000	6⅞
1000	T-7	▼Med. Pf.	54657	DNV/FME(1MT7)	120	24	Spotlight, Clear (ANSI Code DNV/FME)		C, C-13D	200	27500	6⅞
1000	PAR-64	Ext. Mog. End Prong	56206	1000PAR64Q/NSP	120	6	Narrow Spot ^{29,44}		C, CC-6	4000	16000	6
			56207	1000PAR64Q/MFL	120	6	Med. Flood ^{29,44}		C, CC-6	4000	16000	6
			56208	1000PAR64Q/WFL	120	6	Wide Flood ^{29,44}		C, CC-6	4000	16000	6
	T-3	- RSC	58948	1000T3Q/CL	240	12	Clear ^{71,93}	6¾	C, C-8	2000	215000	10⅞
	T-6	RSC	58937	1000T6Q/CL(DWT)	120	12	Clear ^{23,71,93,95} (ANSI Code DWT)	1⅞	C, CC-8	2000	22000	5⅞
1200	T-3	- RSC	58882	1200T3Q/CL/SS	208	12	Clear ^{71,93} Krypton Filled SuperSaver®	6¾	C, C-8	2000	29000	10⅞

○ Burn any position.
▼ Burn base down to horizontal.
▽ Exclusive Sylvania Design.

- Burn horizontal.
ESP WE SUGGEST An Energy Saving Product.

® Available with brass base.
Numbered Footnotes are listed on page 88.

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TUNGSTEN HALOGEN (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens	M.O.L. Inches
1200	T-3	- RSC	58880	1200T3Q/CL/SS	240	12	Clear ^{71,93} Krypton Filled SuperSaver®	6¾	C, C-8	2000	29000	10½
		-	58881	1200T3Q/CL/SS	277	12	Clear ^{71,93} Krypton Filled SuperSaver®	6¾	C, C-8	2000	29000	10½
1500	T-3	- RSC	58859	1500T3Q/CL	208	12	Clear ^{71,93}	6¾	C, C-8	2000	358000	10½
		-	58857	1500T3Q/CL	240	12	Clear ^{71,93}	6¾	C, C-8	2000	358000	10½
		-	58858	1500T3Q/CL	277	12	Clear ^{71,93}	6¾	C, C-8	2000	344000	10½

WE SUGGEST 1200T3Q/CL/SS 208 Volts, An Energy Saving Product

WE SUGGEST 1200T3Q/CL/SS 240 Volts, An Energy Saving Product

WE SUGGEST 1200T3Q/CL/SS 277 Volts, An Energy Saving Product

Super Q Tungsten Halogen Lamps

Super Q Tungsten Halogen Lamps listed below carry the following cautionary notice: "Use in equipment with a suitable screen to protect people and surroundings."

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Volts	Pkg. Qty.	Description	L.C.L.	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens	M.O.L. Inches
75	T-3	⊖ Miniature Screw	58876	75Q/CL	28	12	Clear ^{71,93}	1¾	C, CC-6	2000	1400	2¼
100	T-4	⊖ Mini-Can	58761	100Q/CL(ESN)	120	12	Clear ^{71,93,95} (ANSI Code ESN)	1¾	C, CC-2V	1000	1800	2¾
		⊖	58760	100Q/CL	130	12	Clear ^{71,93,95}	1¾	C, CC-2V	1000	1800	2¾
		⊖ D.C. Bay	58755	100Q/CL/DC(ESR)	120	12	Clear ^{71,93,95} (ANSI Code ESR)	1¾	C, CC-2V	1000	1800	2¾
		⊖	58732	100Q/CL/DC	130	12	Clear ^{71,93,95}	1¾	C, CC-2V	1000	1800	2¾
		⊖	58757	100Q/DC(ETD)	120	12	Frosted ^{71,93,95,96} (ANSI Code ETD)	1¾	C, CC-2V	1000	1800	2¾
150	T-4	⊖ Mini-Can	58735	150Q/CL/2(ETG)	120	12	Clear ^{71,93,95} (ANSI Code ETG)	1½	C, CC-8	2000	2800	3
		⊖	58738	150Q/CL(ESL)	120	12	Clear ^{71,93,95} (ANSI Code ESL)	1¾	C, CC-2V	1000	2800	2¾
		⊖	58733	150Q/CL	130	12	Clear ^{71,93,95}	1¾	C, CC-2V	1000	2800	2¾
		⊖	58736	150Q(ETH)	120	12	Frosted ^{71,93,95} (ANSI Code ETH)	1½	C, CC-8	2000	2700	3
		⊖ D.C. Bay	58741	150Q/CL/DC(ETC)	120	12	Clear ^{71,93,95} (ANSI Code ETC)	1½	C, CC-8	2000	2800	2¾
		⊖	58748	150Q/CL/DC	130	12	Clear ^{71,93,95}	1¾	C, CC-8	2000	2800	2¾
		⊖	58737	150Q/DC(ETF)	120	12	Frosted ^{71,93,95} (ANSI Code ETF)	1½	C, CC-8	2000	2700	2¾
		⊖	58742	150Q/CL/DC/1(ESP)	120	12	Clear ^{71,93,95} (ANSI Code ESP)	1¾	C, CC-2V	1000	2800	2¾
250	T-4	⊖ Mini-Can Screw	58762	250Q/CL(EHT)	120	12	Clear ^{71,93,95} (ANSI Code EHT)	1¾	C, CC-8	2000	5000	3¾
		⊖	58764	250Q/CL	130	12	Clear ^{71,93,95}	1¾	C, CC-8	2000	5000	3¾
		⊖ D.C. Bay	58720	250Q/CL/DC(ESS)	120	12	Clear ^{71,93,95} (ANSI Code ESS)	1¾	C, CC-8	2000	5000	3¾
		⊖ Mini-Can Screw	58763	250Q(ESM)	120	12	Frosted ^{71,93,95} (ANSI Code ESM)	1¾	C, CC-8	2000	4850	3¾

⊖ Burn any position.

- Burn horizontal.

WE SUGGEST An Energy Saving Product.

Numbered Footnotes are listed on page 88.



Super Q Tungsten Halogen Lamps (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens	M.O.L. Inches
250	T-4	⊖Mini-Can Screw	58765	250Q(ESM)	130	12	Frosted ^{71,93,95}	1 5/8	C, CC-8	2000	4850	3 1/8
		⊖D.C. Bay	58753	250Q/DC(ETB)	120	12	Frosted ^{71,93,95} (ANSI Code ETB)	1 5/8	C, CC-8	2000	4850	3 1/8
		⊖	58754	250Q/DC	130	12	Frosted ^{71,93,95}	1 5/8	C, CC-8	2000	4850	3 1/8
500	T-4	⊖Mini-Can Screw	58767	500Q(EYX)	120	12	Frosted ^{71,93,95} (ANSI Code EYX)	2	C, CC-8	2000	101000	3 3/4
		⊖	58768	500Q(EYV)	130	12	Frosted ^{71,93,95} (ANSI Code EYV)	2	C, CC-8	2000	101000	3 3/4
		⊖	58766	500Q/CL(EVR)	120	12	Clear ^{71,93,95} (ANSI Code EVR)	2	C, CC-8	2000	10450	3 3/4
		⊖	58756	500Q/CL(EYW)	130	12	Clear ^{71,93,95} (ANSI Code EYW)	2	C, CC-8	2000	10450	3 3/4
750	T-4	⊖Mini-Can	58769	750Q/CL(EYT)	120	12	Clear ^{71,73,93,95} 3050K (ANSI Code EYT)	2	C, CC-8	500	18500	3 3/4
1000	T-5	⊖Mini-Can	58774	1000Q/3CL	120	12	Clear ^{71,73,93,95} 3200K	2 1/5	C, CC-8	300	29000	3 3/8
1500	T-8	▼Mog. Scr.	58965	1500Q/CL/48	120	6	Clear ^{71,73,93,95}	5 1/4	C, CC-8	2000	34000	7

TRU-AIM™ LAMPS

Tru-Aim™ Lamps listed below carry the following cautionary notice: "Use in equipment with a suitable screen to protect people and surroundings."

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Candle Power	Beam Spread
20	T-3	RM2P	58788	20MR16/Q/FL(BAB)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	2000	460	⟨36°
			58784	20MR16/Q/NSP(ESX)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	2000	3300	⟨12°
			58845	20MR16/Q/VNSP(EZX)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	2000	10780	⟨5.5°
42	T-3	RM2P	58776	42MR16/Q/FL(EYP)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3000	991	⟨36°
			58780	42MR16/Q/NSP(EYR)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3000	7077	⟨11.5°
			58847	42MR16/Q/VNSP(EZY)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3000	13500	⟨7°
			58778	42MR16/Q/SP(EYS)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3000	2800	⟨20°

⊖ Burn any position.

▼ Burn base down.

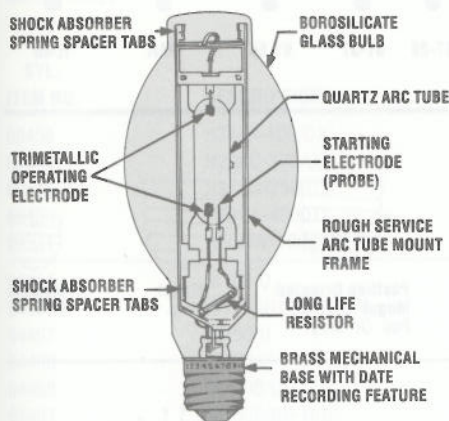
Numbered Footnotes are listed on page 88.

TRU-AIM™ LAMPS (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Candle Power	Beam Spread
50	T-3	RM2P	58823	50MR16/Q/FL(EXN)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3000	1500	<40°
			58830	50MR16/Q/NFL(EXZ)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3000	3000	<26°
			58828	50MR16/Q/NSP(EXT)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3000	9150	<13°
65	T-3	RM2P	58836	65MR16/Q/NSP(FPA)	12	24	General Lighting, Rim Mount (EYF) Equiv. Lamps ^{56,85,93,106}		C, CC-6	3500	11500	<14°
			58840	65MR16/Q/FL(FPB)	12	24	General Lighting, Rim Mount (EYC) Equiv. Lamps ^{56,85,93,106}		C, CC-6	3500	2000	<38°
			58853	65MR16/Q/NFL(FPC)	12	24	General Lighting, Rim Mount Lamps ^{56,85,93,106}		C, CC-6	3500	4000	<23°

Sylvania: The Leader In Energy-Saving HID Lamps

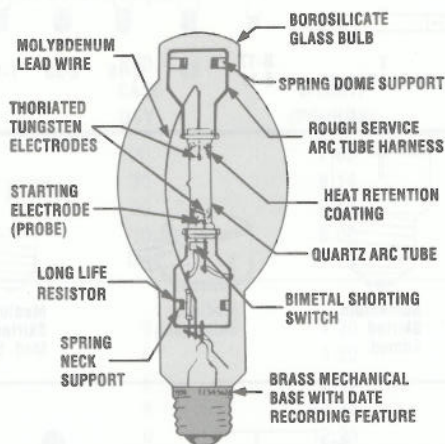
Mercury Lamps



The mercury lamp belongs to the classification known as high intensity discharge (H.I.D.) lamps. In lamps of this type, light is produced by the passage of an electric current through a gas or vapor under pressure instead of through a tungsten wire as in the incandescent lamp.

Additional engineering data for design purposes available in Engineering Bulletin 0-346.

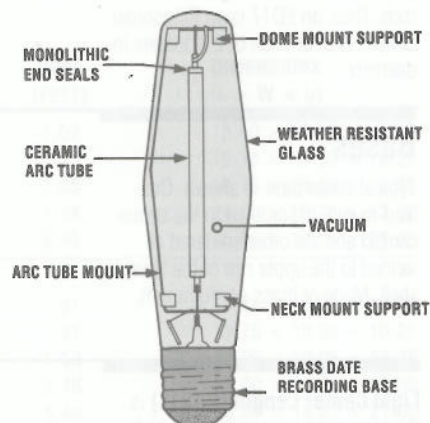
Metalarc Lamps



Sylvania's Metalarc lamp is a high intensity discharge (H.I.D.) Metal-Halide lamp that incorporates all of the desirable characteristics of other general light sources. It has high efficacy, economically reasonable life, exceptional color-rendering ability and good lumen maintenance. Physically, Metalarc lamps are compact in size and have the same outside dimensions as corresponding wattage mercury lamps. Internally, they differ considerably from mercury lamps; the construction of a typical Metalarc lamp is shown in Figure 1. At the present time, Metalarc lamps are available in 100, 175, 250, 400, 1000 and 1500-Watt sizes. Metalarc Lamps can exhibit color temperature changes throughout life based upon the variable operating conditions present.

Additional engineering data for design purposes available in Engineering Bulletin 0-344.

Lumalux Lamps



The Lumalux lamp is one of the high intensity discharge (H.I.D.) lamp family. Its physical, electrical and photometric characteristics are quite different from those of other H.I.D. lamps. However, light is produced in a similar manner by the passage of an electric current through a vapor under pressure in an arc tube.

Additional engineering data for design purposes available in Engineering Bulletin 0-348.

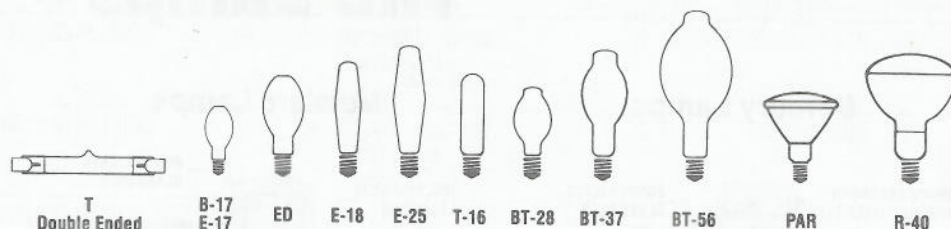
How to Read Ordering Guide

How to Read Ordering Guide												
				Package Quantity		Description			(L.C.L.) Light Center Length			
1000	BT-56	Mogul	64463	MST1000/BU-ONLY	M47	6	Clear, Base Up, Vertical Only ^{c,g}	12000	112500	90000	9½	15¾
1500	BT-56	Mogul	64431	M1500/BU-HOR	M48	6	Clear, Base-up to Horizontal ^c	3000	155000	140000	9½	15¾
			64432	M1500/BD	M48	6	Clear, Base Down ^c	3000	155000	140000	9½	15¾
100	ED-17		67506	LU100/MED	S54	20	Clear	24000 +	9500	8850	3⅞	5½
			67507	LU100/D/MED	S54	20	Coated ^a	24000 +	8800	7920	3⅞	5½
				M400/C/BU-HOR								
				M			— Metalarc					
				400			— Lamp Nominal Wattage					
				C			— Phosphor Coated Outer Jacket					
				BU-HOR			— Base-up to horizontal operating position					
							ANSI Spec #					
								Average Rate Hours Life		Approx. Vert. Lumens (Mean)		(M.O.L.) Max. Overall Length
										Approx. Vert. Lumens (Initial)		

One NAED code # for each lamp

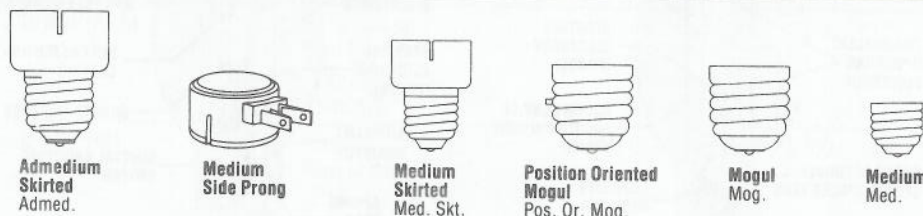
High Intensity Discharge Lamps

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. Bulbs are measured through their greatest diameter, in eighths of an inch. Thus, an ED17 is an Ellipsoidal Shape, $\frac{7}{8}$ of an inch or $2\frac{1}{8}$ inches in diameter.

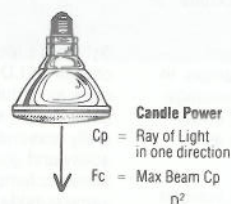
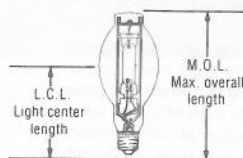


Bases

Typical screw base is 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. Made of brass or aluminum.



Light Center Length (L.C.L.) is the average measurement for which the lamp is designed, subject to manufacturing tolerances. The light center length is the distance from the center of light source to the bottom of the base used.



HID Interchangeability Guide

Sylvania	GE	Philips
LU70	LU70	C70S62
LU100	LU100	C100S54
LU150/55	LU150/55	C150S55
LU250	LU250	C250S50
LU400	LU400	C400S51
M250/u	MVR250/u	MH250/u
M400/u	MVR400/u	MH400/u
M1000/u	MVR1000/u	MH1000/u
M1500/BU-HOR	MVR1500/HBU/E	MH1500/BU
H39BP-175/DX	HR175RDXFL39	H39BP-175/DX
H37KC-250/DX	HR250DX37	H37KC-250/DX
H36GW-1000/DX	HR1000DX36	H36GW-1000DX

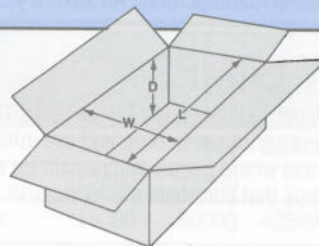
Sylvania's family of HID lamps are the most complete family available and are manufactured with the highest quality standards. Sylvania continues to be the HID Product Innovator with new products in HPS (Stand by Lamps) and Metalarc (m-100/u, m-100/DE) and our MP400, the only lamp specifically designed for use in vertical open bottom fixtures. For more info ask for Product Information Bulletin #5 HP538B & HPS40 for stand by LPS & MA40 & 41 for metalarc.

Weights & Measures of Popular HID Lamps

The packaging industry describes box dimensions as follows: The length is the larger of the two dimensions of the open face (flap opening); the width is the smaller. The depth is always the distance measured perpendicular to the length and width between the innermost surfaces of the box.

The diagram here will help you visualize these descriptions.

Generally, packages of lamps of a similar type and wattage will have approximately the same weights and measurements. Occasionally, packing data will be changed without notice.



SYL. ITEM NO.	DESCRIPTION	STD. CASE QTY.	WEIGHT (POUNDS)	CUBE (FEET)	DIMENSIONS (L x W x D)
69408	H38JA-100/DX	20	7.60	1.09	15.50 x 12.50 x 9.00
69412	H39KC-175/DX	20	9.14	1.55	18.75 x 15.50 x 9.25
69416	H37KC-250/DX	20	9.14	1.55	18.75 x 15.50 x 9.25
69420	H33GL-400/DX	10	8.00	1.88	24.50 x 10.25 x 13.00
69331	H36GW-1000/DX	6	12.25	5.46	25.00 x 18.20 x 21.00
64414	M100/U				
64471	M175/BU/BD-ONLY	6	4.20	.81	13.75 x 10.25 x 10.25
64457	M250/U	6	4.20	.81	13.75 x 10.25 x 10.25
64490	M400/U	6	6.40	1.53	17.00 x 12.25 x 13.25
64468	M1000/U	6	12.25	5.46	25.00 x 18.20 x 21.00
64431	M1500/BU-HOR	6	12.25	5.46	25.00 x 18.20 x 21.00
67512	LU70	20	7.25	1.00	15.50 x 12.50 x 9.00
67514	LU100	20	7.25	1.00	15.50 x 12.50 x 9.00
67516	LU150/55	20	7.25	1.00	15.50 x 12.50 x 9.00
67520	LU250	10	4.10	.45	13.00 x 10.75 x 6.00
67523	LU400	10	4.10	.45	13.00 x 10.75 x 6.00
67528	ULX150	10	4.88	.85	19.00 x 8.00 x 9.75
67530	ULX215	10	4.88	.85	19.00 x 8.00 x 9.75
67531	ULX360	10	8.00	1.88	24.50 x 10.25 x 13.00
67533	ULX880	10	9.50	1.23	17.38 x 16.13 x 7.56

HID Lamp Colors Correlated Color Temperatures and Color Rendering Index

Color Temperature

The correlated color temperature of a light source, expressed in Kelvins (K), is a means of describing the appearance or chromaticity of the source. It describes the apparent whiteness of the lamp. The correlated color temperature of the light source contributes to the visual appearance of the lighted space.

Color Rendering Index

Color Rendering Index (CRI) is an international scale (numbering system) from 0-100 which indicates the relative color rendering quality of a light source when compared to a standard reference light source of the same chromaticity (color temperature). It expresses the degree to which colors will appear "familiar" or "natural" under the light source selected. In general, the higher the CRI number, the better the color rendering properties of the light source being measured. The color rendering index of any two like sources should only be compared if those sources have the same correlated color temperature.

Mercury Lamps	COLOR	COLOR ABBREVIATION	COLOR TEMP.	CRI
	Warmtone	N	3300	52
	Brite White Deluxe	DX	4000	45
	Clear		5900	22

Metalarc® & Super Metalarc (Metal Halide) Lamps	WATTAGE	CLEAR		COATED		3K	
		COLOR TEMP.	CRI	COLOR TEMP.	CRI	COLOR TEMP.	CRI
Metalarc	100	3200	65	3200	65	—	—
	175	4400	65	4000	70	3200	70
	250	4500	65	3900	70	3200	70
	400	4000	65	3700	70	—	—
	750	3700	65	—	—	—	—
	1000	3900	65	3400	70	—	—
	1500	3700	65	—	—	—	—
Super Metalarc Lamps	175	4700	65	4200	70	3200	70
	250	4200	65	3700	70	3200	70
	400 (POM)*	4500	65	3800	70	3200	70
	400 (Mogul Base)	4200	65	3700	70	3200	70
	1000	3500	65	3100	70	—	—
Super Metalarc Safeline® Lamps	400	3700	65	3500	70	—	—
	1000	3500	65	3100	70	—	—

High Pressure Sodium Lamps	WATTAGE	CLEAR		COATED	
		COLOR TEMP.	CRI	COLOR TEMP.	CRI
Lumalux™ Lamps	LU-35	1900	22	1900	22
	All Other Wattages	2100	22	2100	22
Unalux™ Lamps	ULX150	1800	20	1800	20
	ULX215	2000	20	2000	20
	ULX360	2060	20	2060	20
	ULX880	2100	20	—	—



The Life and Lumen Ratings of Mercury, Metalarc and Sodium Lamps apply only when used with auxiliary equipment which conforms to the specifications established by the lamp manufacturer. An auxiliary Glass Filter is required for Blacklight (not available from Sylvania). All lamps require a ballast.

MERCURY LAMPS

Regular Mercury Vapor Lamps Listed Below Carry The Following Cautionary Notice:

"This lamp can cause serious skin burn and eye inflammation from short wave ultra-violet radiation if the 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. Certain types of lamps that automatically extinguish when the outer envelope is broken or punctured are commercially available." — See Mercury Safeline® Lamps.

All Mercury Lamps are suitable for all operating positions.

Medium Base Lamps

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.					Initial	Mean		
40/50	ED-17	69400	H45/46DL-40/50/DX	20	Brite White Deluxe ^d	24000 +	1350	1070	3 1/8	5 1/8
75	ED-17	69401	H43AV-75/DX	20	Brite White Deluxe	24000 +	3150	2450	3 3/4	5 7/16
		69402	H43AV-75/N	20	Warmtone	24000 +	2800	2240	3 3/4	5 7/16
100	ED-17	69403	H38AV-100/DX	20	Bright White Deluxe	24000 +	4400	3560	3 3/4	5 7/16
		69404	H38AV-100/N	20	Warmtone	24000 +	4400	3400	3 3/4	5 7/16
	R-40	69405	H38BP-100/DX	10	Reflector Flood Brite White Deluxe	24000 +	2900	2320		7 1/2
175	R-40	69406	H39BP-175/DX	10	Reflector Flood Brite White Deluxe	24000 +	5800	4900		7 1/2

Special Base Lamps

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
			Syl. Item No.					Initial	Mean		
75/100	PAR-38	Med. Side Prong	68842	H43/44-75/100/PFL	12	Mine Machine Head Lamp ^e	12000	2500			4 5/16
100	PAR-38	Admed.	68843	H44GS-100	12	Spot and Gen. Lighting, Blacklight	16000	2500	1950		5 7/16
		Med. Skt.	68846	H44GS-100/MDSK	12	Spot and Gen. Lighting, Blacklight	16000	2500	1950		5 7/16
		Admed.	68844	H44JM-100	12	Narr. Flood and General Lighting, Blacklight	16000	2500	1950		5 7/16

Mogul Base Lamps

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.					Initial	Mean		
100	ED-23 1/2	69407	H38HT-100	20	Clear and Blacklight	24000 +	4100	3380	5	7 1/2
		69408	H38JA-100/DX	20	Brite White Deluxe	24000 +	4500	3650	5	7 1/2
		69409	H38JA-100/N	20	Warmtone	24000 +	4600	3700	5	7 1/2
175	BT-28	69411	H39KB-175	20	Clear and Blacklight	24000 +	7850	7340	5	8 5/16
		69412	H39KC-175/DX	20	Brite White Deluxe	24000 +	8500	7560	5	8 5/16
		69413	H39KC-175/N	20	Warmtone	24000 +	8800	7830	5	8 5/16
250	BT-28	69415	H37KB-250	20	Clear and Blacklight	24000 +	12000	10800	5	8 5/16
		69416	H37KC-250/DX	20	Brite White Deluxe	24000 +	13000	11000	5	8 5/16
		69417	H37KC-250/N	20	Warmtone	24000 +	13000	11050	5	8 5/16
400	BT-37	69419	H33CD-400	10	Clear and Blacklight	24000 +	20500	18700	7	11 1/2
		69420	H33GL-400/DX	10	Brite White Deluxe	24000 +	23000	20100	7	11 1/2

(b) Based on operation on proper auxiliary equipment for 10 hours or more per start.

(d) For operation at 50 watts H46 ballasts must be used.

(e) Operates at 75 watts on H43 ballast, 100 watts on H44 ballast.

Mogul Base Lamps (continued)

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.					Initial	Mean		
400	BT-37	69421	H33GL-400/N	10	Warmtone	24000 +	23000	20000	7	11½
	T-16	68893	H33AR-400	6	Clear	12000	19500		7	11
1000	BT-56	69300	H34GV-1000	6	Clear and Blacklight, High Current ^f	16000 +	50000	42500	9½	15¾
		69332	H34GW-1000/DX	6	Brite White Deluxe, High Current ^f	16000 +	55000	44000	9½	15¾
		69307	H36GV-1000	6	Clear and Blacklight, Standard ^f	24000 +	57500	50600	9½	15¾
		69331	H36GW-1000/DX	6	Brite White Deluxe, Standard ^f	24000 +	63000	48500	9½	15¾

Safeline® Lamps (Mogul Base)

Mercury Safeline Lamps are designed to self-extinguish to prevent exposure to potential undesirable ultra-violet radiation. Do not use with reactor ballast. CAUTION: If the outer jacket of a lamp is broken, shut off power before removing lamp to prevent electrical shock hazard.

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.					Initial	Mean		
100	ED-23½	69410	H38JA-T100/DX	20	Safeline Brite White Deluxe	24000 +	3700	3100	5	7½
175	BT-28	69414	H39KC-T175/DX	20	Safeline Brite White Deluxe	24000 +	7700	6750	5	8½ ₁₆
250	BT-28	69418	H37KC-T250/DX	20	Safeline Brite White Deluxe	24000 +	11200	9050	5	8½ ₁₆
400	BT-37	69422	H33GL-T400/DX	10	Safeline Brite White Deluxe	24000 +	20000	16000	7	11½
1000	BT-56	69305	H36GW-T1000/DX	6	Safeline Brite White Deluxe	24000 +	55450	44900	9½	15¾

METALARC® LAMPS

Regular Metalarc Lamps listed below carry the following Cautionary Notice:

"This lamp can cause serious skin burn and eye inflammation from short wave ultra-violet radiation if the 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. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available. — See Super Metalarc Safeline Lamps. Regular Metalarc and Super Metalarc conform to all applicable standards contained in 21 CFR Sub-Chapter J."

Metalarc Lamps should be cycled (turned on and off weekly) and group relamped at the end of rated life.

Metalarc® Lamps

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
			Syl. Item No.						Initial	Mean(i)		
100	ED-17		64414	▽ M100/U	M90	20	Clear Univ. Burn ^c	10000	8500	6800	3.39	5.43
			64419	▽ M100/C/U	M90	20	Coated Univ. Burn ^c	10000	8000	6400	3.39	5.43
	T-20	RSC	64413	▽ M100 DE		10	Clear Horiz. Burn	5000	8500	6800		4.72
175	BT-28	Mogul	64471	M175/BU/BD-ONLY	M57	6	Clear, Base Up/Base Down, Vertical Only ^{c,g}	7500	14000	10800	5	8½ ₁₆
			64472	M175/C/BU/BD-ONLY	M57	6	Phosphor Coated, Base Up/Base Down, Vertical Only ^{c,g}	7500	14000	10200	5	8½ ₁₆

▽ Exclusive Sylvania Design.

(b) Based on operation on proper auxiliary equipment for 10 hours or more per start.

(c) OPERATE IN ENCLOSED FIXTURES ONLY. Sylvania Metalarc and Super Metalarc lamps must be operated only in fixtures which are enclosed in tempered glass or other suitable materials that are capable of withstanding

the discharge of hot quartz arc tube particles and are specified by the fixture for use with Sylvania's metal halide lamps.

(f) H34 and H36 lamps are not interchangeable.

(g) Lamps must be operated within ± 15° of vertical.

(i) Taken at 40% of Rated Life. Mean Lumens are established on ballasts with crest factors of 1.8; higher crest factors reduce values.

Metalarc® Lamps (continued)


Watts Bulb	Base	VENDOR ID NO.		Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		DCI 046135 UPC 46135	Syl. Item No.						Initial	Mean(i)		
250	BT-28 Mogul		64473	M175/3K/BU-ONLY	M57	6	Phosphor Coated, Base Up Only ^{c,g}	7500	13000	9500	5	8 ⁵ / ₁₆
			64457	M250/U	M58	6	Clear, Universal Burning Position ^c	10000	20500	17000	5	8 ⁵ / ₁₆
			64458	M250/C/U	M58	6	Phosphor Coated, Universal Burning Position ^c	10000	20500	16000	5	8 ⁵ / ₁₆
			64475	M250/3K/BU-ONLY	M58	6	Phosphor Coated, Base Up Only ^{c,g}	10000	19000	15000	5	8 ⁵ / ₁₆
400	BT-37 Mogul		64490	M400/U	M59	6	Clear, Universal Burning Position ^c	20000 ^m	36000	28800	7	11 ¹ / ₂
			64492	M400/C/U	M59	6	Phosphor Coated, Universal Burning Position ^c	20000 ^m	36000	27700	7	11 ¹ / ₂
1000	BT-56 Mogul		64468	M1000/U	M47	6	Clear, Universal Burning Position ^c	12000	110000	88000	9 ¹ / ₂	15 ³ / ₈
			64470	M1000/C/U	M47	6	Phosphor Coated, Universal Burning Position ^c	12000	110000	84000	9 ¹ / ₂	15 ³ / ₈
1500	BT-56 Mogul		64431	M1500/BU-HOR	M48	6	Clear, Base-up to Horizontal ^e	3000	155000	140000	9 ¹ / ₂	15 ³ / ₈
			64432	M1500/BD	M48	6	Clear, Base Down ^e	3000	155000	140000	9 ¹ / ₂	15 ³ / ₈

Super Metalarc® Lamps

Super Metalarc Lamps listed below carry the following Cautionary Notice:

"This lamp can cause serious skin burn and eye inflammation from short wave ultra-violet radiation if the 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. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available. - See Super Metalarc Safeline Lamps. Regular Metalarc and Super Metalarc conform to all applicable standards contained in 21 CFR Sub-Chapter J."

Metalarc Lamps should be cycled (turned on and off weekly) and group relamped at the end of rated life.

Watts Bulb	Base	VENDOR ID NO.		Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		DCI 046135 UPC 46135	Syl. Item No.						Initial	Mean(i)		
175	BT-28 Position Oriented Mogul Base		64439	MS175/HOR	M57	6	Clear, Horizontal Only ^{c,i}	7500	15000	12000 (Horizontal)	5	8 ⁵ / ₁₆
			64440	MS175/C/HOR	M57	6	Phosphor Coated, Horizontal Only ^{c,i}	7500	15000	11300 (Horizontal)	5	8 ⁵ / ₁₆
			64494	MS175/3K/HOR	M57	6	Phosphor Coated, Horizontal Only ^{c,i}	7500	14000	10500 (Horizontal)	5	8 ⁵ / ₁₆
250	BT-28 Position Oriented Mogul Base		64448	MS250/HOR	M58	6	Clear, Horizontal Only ^{c,i}	10000	23000	18000 (Horizontal)	5	8 ⁵ / ₁₆
			64449	MS250/C/HOR	M58	6	Phosphor Coated, Horizontal Only ^{c,i}	10000	23000	17000 (Horizontal)	5	8 ⁵ / ₁₆
			64496	MS250/3K/HOR	M58	6	Phosphor Coated, Horizontal Only ^{c,i}	10000	21500	16500 (Horizontal)	5	8 ⁵ / ₁₆

▽ Exclusive Sylvania Design.

(b) Based on operation on proper auxiliary equipment for 10 hours or more per start.

(c) OPERATE IN ENCLOSED FIXTURES ONLY. Sylvania Metalarc and Super Metalarc lamps must be operated only in fixtures which are enclosed in tempered glass or other suitable materials that are capable of withstanding the discharge of hot quartz arc tube particles and are specified by the fixture for use with Sylvania's metal halide lamps.

(g) Lamps must be operated within ± 15° of vertical.

(i) Taken at 40% of Rated Life. Mean Lumens are established on ballasts with crest factors of 1.8; higher crest factors reduce values.

(l) Lamps must be operated within ± 15° of horizontal. Require special socket to accept position oriented base.

(m) Rated Life 20,000 hours when lamp is operated ± 15° of vertical. Rated Life 15,000 hours for all other operating positions.

Super Metalarc® Lamps (continued)

Watts Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135		ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.	Ordering Abbreviation					Initial	Mean(i)		
400	BT-37 Position Oriented Mogul Base	64445	▽MS400/HOR	M59	6	Clear, Horizontal Only ^{c,1}	20000	40000	32000 (Horizontal)	7	11½
		64446	▽MS400/C/HOR	M59	6	Phosphor Coated, Horizontal Only ^{c,1}	20000	40000	31000 (Horizontal)	7	11½
		64498	▽MS400/3K/HOR	M59	6	Phosphor Coated, Horizontal Only ^{c,1}	20000	36000	27000 (Horizontal)	7	11½
	Mogul	64450	MS400/BU-ONLY	M59	6	Clear, Base Up, Vertical Only ^{c,9}	20000	40000	32000	7	11½
		64451	MS400/BD-ONLY	M59	6	Clear, Base Down, Vertical Only ^{c,9}	20000	40000	32000	7	11½
		64452	MS400/C/BU-ONLY	M59	6	Phosphor Coated, Base Up, Vertical Only ^{c,9}	20000	40000	31000	7	11½
		64453	MS400/C/BD-ONLY	M59	6	Phosphor Coated, Base Down, Vertical Only ^{c,9}	20000	40000	31000	7	11½
		64454	▽MS400/3K/BU-ONLY	M59	6	Phosphor Coated, Base Up ^{c,9}	20000	37000	28000	7	11½
		64700	▽MP400/BU-ONLY	M59	6	Clear, Base Up Only ^z	20000	38000	30500	7	11½
		64701	▽MP400/C/BU-ONLY	M59	6	Phosphor Coated, Base Up Only ^z	20000	38000	28500	7	11½
		64702	▽MP400/3K/BU-ONLY	M59	6	Phosphor Coated, Base Up Only ^z	20000	35000	26500	7	11½
1000	BT-56 Mogul	64435	MS1000/BU-ONLY	M47	6	Clear, Base Up, Vertical Only ^{c,9}	12000	125000	100000	9½	15¾
		64436	MS1000/BD-ONLY	M47	6	Clear, Base Down, Vertical Only ^{c,9}	12000	125000	100000	9½	15¾
		64460	MS1000/C/BU-ONLY	M47	6	Phosphor Coated, Base Up, Vertical Only ^{c,9}	12000	125000	95800	9½	15¾
		64461	MS1000/C/BD-ONLY	M47	6	Phosphor Coated, Base Down, Vertical Only ^{c,9}	12000	125000	95800	9½	15¾
		64714	▽MP1000/BU-ONLY	M46	6	Clear, Base Up Only ^z	12000	110000	88000	9½	15¾
		64716	▽MP1000/C/BU-ONLY	M46	6	Phosphor Coated, Base Up Only ^z	12000	110000	84000	9½	15¾

Metalarc Safeline® Lamps

Metalarc Safeline lamps are designed to self-extinguish to prevent exposure to potential undesirable ultra-violet radiation. CAUTION: If the outer jacket of a lamp is broken shut off power before removing lamp to prevent electrical shock hazard.

Metalarc Lamps should be cycled (turned on and off weekly) and group relamped at the end of rated life.

Watts Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135		ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.	Ordering Abbreviation					Initial	Mean(i)		
400	BT-37 Mogul	64703	▽MPT400/BU-ONLY	M59	6	Clear, Base Up Only ^{g,z}	20000	35500	23000	7	11½
		64704	▽MPT400/C/BU-ONLY	M59	6	Phosphor Coated, Base Up Only ^{g,z}	20000	35500	21000	7	11½

▽ Exclusive Sylvania Design.

(b) Based on operation on proper auxiliary equipment for 10 hours or more per start.

(c) OPERATE IN ENCLOSED FIXTURES ONLY. Sylvania Metalarc and Super Metalarc lamps must be operated only in fixtures which are enclosed in tempered glass or other suitable materials that are capable of withstanding the discharge of hot quartz arc tube particles and are specified by the fixture for use with Sylvania's metal halide lamps.

(g) Lamps must be operated within $\pm 15^\circ$ of vertical.

(i) Taken at 40% of Rated Life. Mean Lumens are established on ballasts with crest factors of 1.8; higher crest factors reduce values.

(l) Lamps must be operated within $\pm 15^\circ$ of horizontal. Require special socket to accept position oriented base.

(z) OPERATE IN OPEN, VERTICAL FIXTURES ONLY.

Super Metalarc® Lamps (continued)

Watts Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.						Initial	Mean(l)		
1000	BT-56	64463	MST1000/BU-ONLY	M47	6	Clear, Base Up, Vertical Only ^{c,g}	12000	112500	90000	9½	15¾
		64464	MST1000/C/BU-ONLY	M47	6	Phosphor Coated, Base Up, Vertical Only ^{c,g}	12000	112500	85000	9½	15¾

Brite-Line™

Require special ballast and must be burned in suitably enclosed fixture, within 4 degrees of horizontal.

Watts Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.						Initial	Mean(l)		
1500	T-7	66206	MW1500T7/7H		12	Tublar Metal Halide	3000	150000	130000	7	10½

LUMALUX® High Pressure Sodium Lamps

All Lumalux High Pressure Sodium Lamps are suitable for all operating positions.

LUMALUX® Clear and Coated Lamps(p) Medium Base

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.						Initial	Mean(y)		
35	ED-17	67500	LU35/MED	S76	20	Clear	16000	2250	2025	3½	5½
		67501	LU35/D/MED	S76	20	Coated ^a	16000	2150	1935	3½	5½
50	ED-17	67502	LU50/MED	S68	20	Clear	24000 +	4000	3600	3½	5½
		67503	LU50/D/MED	S68	20	Coated ^a	24000 +	3800	3420	3½	5½
70	ED-17	67504	LU70/MED	S62	20	Clear	24000 +	6300	5670	3½	5½
		67505	LU70/D/MED	S62	20	Coated ^a	24000 +	5985	5387	3½	5½
100	ED-17	67506	LU100/MED	S54	20	Clear	24000 +	9500	8850	3½	5½
		67507	LU100/D/MED	S54	20	Coated ^a	24000 +	8800	7920	3½	5½
150	ED-17	67508	LU150/55/MED	S55	20	Clear	24000 +	16000	14400	3¾	5½
		67509	LU150/55/D/MED	S55	20	Coated ^a	24000 +	15000	13500	3¾	5½

LUMALUX® Clear and Coated Lamps(p) Mogul Base

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.						Initial	Mean(y)		
50	ED-23½	67510	LU50	S68	20	Clear	24000 +	4000	3600	5	7½
		67511	LU50/D	S68	20	Coated ^a	24000 +	3800	3420	5	7½
70	ED-23½	67512	LU70	S62	20	Clear	24000 +	6300	5670	5	7½
		67513	LU70/D	S62	20	Coated ^a	24000 +	5985	5387	5	7½
100	ED-23½	67514	LU100	S54	20	Clear	24000 +	9500	8850	5	7½

⚠ Exclusive Sylvania Design.

- (b) Based on operation on proper auxiliary equipment for 10 hours or more per start.
- (c) OPERATE IN ENCLOSED FIXTURES ONLY. Sylvania Metalarc and Super Metalarc lamps must be operated only in fixtures which are enclosed in tempered glass or other suitable materials that are capable of withstanding the discharge of hot quartz arc tube particles and are specified by the fixture for use with Sylvania's metal halide lamps.

- (g) Lamps must be operated within $\pm 15^\circ$ of vertical.
- (i) Taken at 40% of Rated Life. Mean Lumens are established on ballasts with crest factors of 1.8; higher crest factors reduce values.
- (p) Special ballast required.
- (q) For use in open-bottomed fixtures or where glare is a problem.
- (y) Taken at 50% of Rated Life.

LUMALUX® Clear and Coated Lamps(p) Mogul Base (continued)

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.						Initial	Mean(y)		
100	ED-23½	67515	LU100/D	S54	20	Coated ^q	24000 +	8800	7920	5	7½
150	ED-23½	67516	LU150/55	S55	20	150 Watt 55 Volt Clear ^r	24000 +	16000	14400	5	7½
		67517	LU150/55/D	S55	20	150 Watt 55 Volt Coated ^{r,q}	24000 +	15000	13500	5	7½
		67544	LU150/55/SBY	S55	20	Clear, Standby Arc Tube	24000 +	16000	14400	5	7½
150	BT-28	67518	LU150/100	S56	10	150 Watt 100 Volt Clear ^r	24000 +	16000	14400	5	8⅞
200	ED-18	67519	LU200	S66	10	Clear	24000 +	22000	19800	5¾	9¾
250	ED-18	67520	LU250	S50	10	Clear	24000 +	29000	26100	5¾	9¾
250	BT-28	67521	LU250/D	S50	10	Coated ^q	24000 +	26000	23400	5	8⅞
250	ED-18	67537	LU250/SBY	S50	10	Clear, Standby Arc Tube	24000 +	29000	26100	5¾	9¾
310	ED-18	67522	LU310	S67	10	Clear	24000 +	37000	33300	5¾	9¾
400	ED-18	67523	LU400	S51	10	Clear	24000 +	50000	45000	5¾	9¾
400	BT-37	67524	LU400/D	S51	10	Coated ^q	24000 +	47500	42750	7	11½
		67539	LU400/SBY	S51	10	Clear, Standby Arc Tube	24000 +	50000	45000	5¾	9¾
1000	E-25	67307	LU1000	S52	6	Clear	24000 +	140000	126000	8¾	15⅞
		67543	LU1000/SBY	S52	6	Clear, Standby Arc Tube	24000 +	140000	126000	8¾	15⅞

LUMALUX® Clear R.S.C. Base

250	T-7	67526	LU250/T7/RSC	S50	10	Clear ^{w,x}	24000	25500	23400		10⅞
400	T-7	67527	LU400/T7/RSC	S51	10	Clear ^{w,x}	24000	46000	41400		10⅞

UNALUX® (Retrofit) High Pressure Sodium Lamps

All Unalux High Pressure Sodium Lamps Are Suitable for all Operating Positions

UNALUX® Clear and Coated Lamps (Mogul Base)

Watts	Bulb	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life(b)	Approx. Vert. Lumens		L.C.L.	M.O.L.
		Syl. Item No.						Initial	Mean(y)		
150	BT-28	67528	ULX150	S63	10	Clear ^t	24000	13000	11700	5	8⅞
150	BT-28	67529	ULX150/D	S63	10	Coated ^t	16000	12000	10800	5	8⅞
215	BT-28	67530	ULX215	S65	10	Clear ^t	16000	20000	18000	5	8⅞
360	BT-37	67531	ULX360	S64	10	Clear ^t	16000	36000	34960	7	11½
360	BT-37	67532	ULX360/D	S64	10	Coated	16000	36000	34960	7	11½
880	E-25	67318	ULX880		6	Clear ^s	12000	102000	91800	9½	15⅞

Exclusive Sylvania Design.

(b) Based on operation on proper auxiliary equipment for 10 hours or more per start.

(p) Special ballast required.

(q) For use in open-bottomed fixtures or where glare is a problem.

(r) LU150/100 AND LU150/55 lamps are not interchangeable.

(s) The ULX880 lamp should not be used on any circuit other than 480V H36 mercury reactor.

(t) Operate on existing mercury lag type auto transformer ballasts or 240-277 volt reactors. Will operate on most mercury series circuits.

(w) For use where seal temperature does not exceed 175° centigrade.

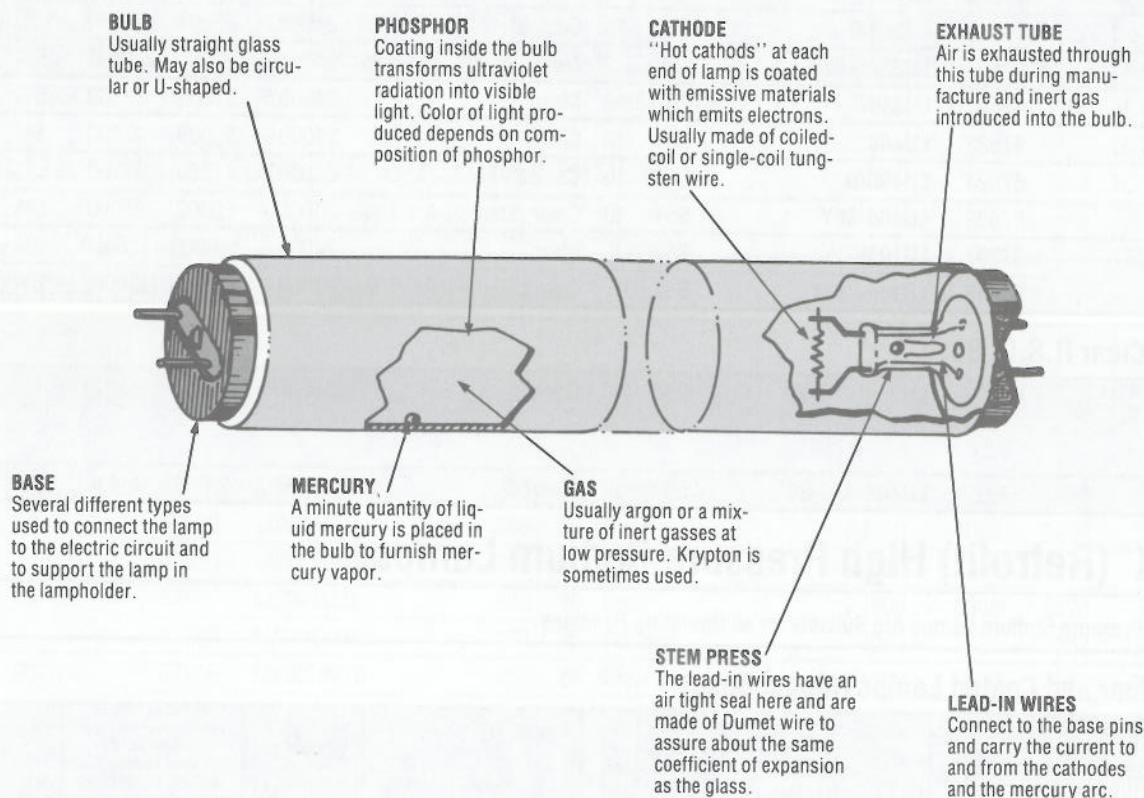
(x) Do not operate in open air. Operate only in fixtures which conform to the specifications established by the lamp manufacturer.

(y) Taken at 50% of Rated Life.

Sylvania: The Leader In Energy-Saving Fluorescent Lamps

The fluorescent lamp is an electric discharge device which utilizes a low pressure mercury vapor arc to generate ultra-violet (plus a little visible) energy. The ultra-violet energy is absorbed by a phosphor coat on the inside of the glass tube and converted by the phosphor to visible wavelengths; the wavelengths of the light generated are determined by the composi-

tion of the phosphor. In addition to the small amount of mercury vapor, the fluorescent tube contains an atmosphere of an inert gas, usually argon, krypton, neon, or a mixture of two or more of these gases. The pressure of the gases contained in the lamp is very low, usually from 2 to 3 torr. Atmospheric pressure is 760 torr.



How to Read Ordering Guide

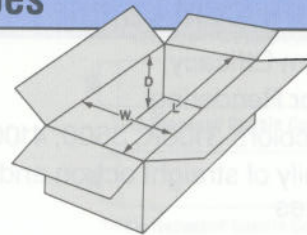
Package Quantity			Description						
WATTS	BULB	Length	BASE			Average Rate Hours Life	Approx. Initial Lumens		
20	T-12	24"	Med. Bipin	22075	F20T12/D830	30	Royal White, 3000K	9000	1350
				22018	F20T12/B	6	Blue	9000	550
				22250	F20T12/D30(ID)	6	Interior Design, [®] Designer 3000K	9000	1350
				22077	F20T12/CG	30	Cool Green	9000	1050
				21655	F15T8/GRO	12	GRO-LUX [®]	7500	
				F96T12CW			FOOTNOTE		
				F	—	Fluorescent			
				96	—	Length 8'			
				T	—	Tubular Shape			
				12	—	1½" (1½) Diameter			
				CW	—	Phosphor Coating Color			

Weights & Measures of Popular Fluorescent Types

The packaging industry describes box dimensions as follows: The length is the larger of the two dimensions of the open face (flap opening); the width is the smaller. The depth is always the distance measured perpendicular to the length and width between the innermost surfaces of the box.

The diagram here will help you visualize these descriptions.

Generally, packages of lamps of a similar type and wattage will have approximately the same weights and measurements. Occasionally, packing data will be changed without notice.



SYL. ITEM NO.	DESCRIPTION	STD. CASE QTY.	WEIGHT (POUNDS)	CUBE (FEET)	DIMENSIONS (L x W x D)
20142	FC12T9/CW/RS	12	9.40	1.956	20.00 x 12.63 x 13.13
21450	F14T12/D30(COLOR BRITE™)	6	2.00	.236	5.50 x 3.90 x 17.40
21409	F14T12/CW	30	7.46	.905	10.38 x 9.00 x 16.75
22078	F20T12/CW	30	11.13	1.391	10.38 x 9.00 x 16.75
23472	F30T12/CW/RS/SS	30	16.06	2.039	10.38 x 9.00 x 37.75
23450	F30T12/D30/RS(COLOR BRITE™)	6	4.20	.528	5.75 x 4.00 x 38.38
21828	F025/31K	30	11.80	1.174	8.13 x 6.63 x 37.63
21825	F032/31K	30	15.00	1.548	8.13 x 6.63 x 61.50
21826	F040/31K	30	18.20	2.009	8.38 x 6.75 x 61.50
24686	F40CW/SSP	30	22.30	2.604	10.25 x 9.00 x 49.50
24650	F40D30(COLOR BRITE™)	6	5.50	.694	5.63 x 4.00 x 50.38
24427	F40CW 10PK	10	7.90	1.042	9.00 x 4.00 x 49.75
24594	F40CW/SS	30	22.33	2.604	10.25 x 9.00 x 49.50
24426	F40CW	30	22.30	2.604	10.25 x 9.00 x 49.50
24628	F40CW 60PK	60	45.00	5.903	17.38 x 11.50 x 49.63
24000	FB40/CW/6	12	11.00	2.951	24.75 x 17.25 x 11.75
24830	F48T12/CW	30	21.20	2.573	10.38 x 9.00 x 47.63
24831	F48T12/CW 10PK	10	7.07	1.010	9.00 x 4.06 x 47.63
29815	F96T12/CW/SS	15	21.80	3.000	9.00 x 5.50 x 95.75
29830	F96T12/CW 10PK	10	15.42	2.030	9.00 x 4.06 x 96.00
25156	F96T12/CW/HO	15	21.80	3.000	9.00 x 5.50 x 95.75
25209	F96T12/CW/VHO	15	22.30	3.000	9.00 x 5.50 x 95.75

Fluorescent Lamp Colors By Ascending Correlated Color Temperature

COLOR	COLOR ABBREVIATION	CORRELATED COLOR TEMP.(1)	COLOR RENDERING INDEX(2)	COLOR	COLOR ABBREVIATION	CORRELATED COLOR TEMP.(1)	COLOR RENDERING INDEX(2)
TWIN TUBE 27K	27K	2700	81	WHITE	W	3450	57
INCAND./FLUOR.	IF	2750	89	OCTRON®3500K	35K	3500	75
DELUXE WARM WHITE	WWX	2950	74	DESIGNER 3500K	D35	3500	69
WARM WHITE	WW	3000	52	DESIGNER "800" 3500K	D835	3500	80
DESIGNER 3000K	D30	3000	69	NATURAL WHITE	N	3600	86
INTERIOR DESIGN	D30	3000	69	DESIGNER "800" 4100K	D841	4100	80
DESIGNER 800 3000K	D830	3000	80	DESIGNER 4100K	D41	4100	69
OCTRON® 3100K	31K	3100	75	OCTRON® 4100K	41K	4100	75
GRO-LUX® WIDE				DESIGNER 800	4100K	4100	80
SPECTRUM	GRO/WS	3400	89	DELUXE COOL WHITE	CWK	4100	89
				LITE WHITE	LW	4150	48
				COOL WHITE	CW	4200	62
				DESIGN 50™	DSGN50	5000	90
				DAYLIGHT	D	6300	76

(1) Color Temperature

The correlated color temperature of a light source is expressed in Kelvins (K) and is a means of describing the appearance of chromaticity of the source itself. It describes the apparent whiteness of the lamp.

Sources having a low correlated color temperature (2700K to 3500K) are said to be "warm" in color such as Warm White, Warm White Deluxe, and Royal White. (Most incandescent lamps have a color temperature between 2700K and 3000K.) Fluorescent sources having higher correlated color temperature such as Cool White, Cool White Deluxe, or Daylight, are said to be "cool" in color. The correlated color temperature of the light source contributes greatly to the overall visual appearance of the lighted space.

(2) Color Rendering Index

Color Rendering Index (CRI) is an international numbering system from 0-100 which indicates the relative color rendering quality of a light source when compared to a standard reference source of the same chromaticity. It expresses the degree to which colors will appear "familiar" or "natural" under the light source being selected. In general, the higher the CRI number, the better the color rendering properties of the light source in question. The color rendering index of any two sources should only be compared if those sources have the same correlated color temperature.

Octron Fluorescent Lamps

- Highest System Efficacy
- Excellent Color Rendering
- Available in 3 colors-3100K, 3500, 4100K
- Complete family of straight octron and octron curvulume sizes

FIXTURE COMPARISON DATA (77° TEST ROOM - 4-LAMP RECESSED TROFFER, PLASTIC LENS)

LAMP TYPE	BALLAST	BALLAST FACTOR ¹	WATTS	RELATIVE LIGHT OUTPUT (RLO) ²	RLO/W
SYLVANIA F40CW	STD. MAGNETIC	.95	174	100	100
SYLVANIA 34W					
SUPERSAVER® D41	STD. MAGNETIC	.90	155	93	104
SYLVANIA 32W					
SUPERSAVER PLUS D41	STD. MAGNETIC	.90	144	93	112
SYLVANIA F40CW	ENERGY SAVING MAGNETIC	.95	162	101	108
SYLVANIA 34W					
SUPERSAVER D41	ENERGY SAVING MAGNETIC	.88	139	91	114
SYLVANIA 32W					
SUPERSAVER PLUS D41	ENERGY SAVING MAGNETIC	.88	131	91	121
SYLVANIA 34W					
SUPERSAVER D41	ELECTRONIC	.75	119	91	133
SYLVANIA F032 OCTRON®	T8 MAGNETIC	.95	132	101	133
SYLVANIA F032 OCTRON®³	T8 ELECTRONIC	.92	106	98	161

¹ Data in test normalized to ballast

factors shown in this column for magnetic ballasts.

Factors shown for electronic ballasts are measured values of sample.

² Relative light output based on initial (100 hour) rated lamp lumen output.

³ Life rated at 15,000 hours. All other systems shown are rated at 20,000 hours.

Fluorescent Interchangeability Guide

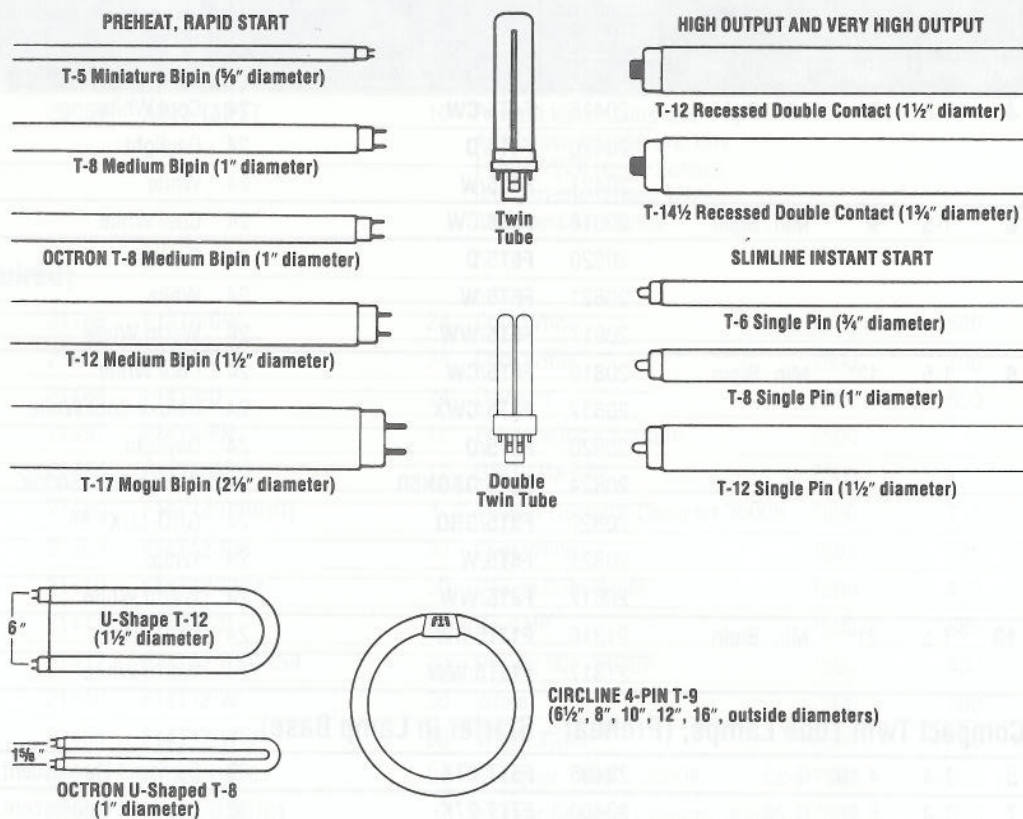
COLOR CROSS REFERENCE					
SYLVANIA		GE		PHILIPS	
OLD	NEW	OLD	NEW	OLD	NEW
WLX/CB	D30	—	SP30	WLX	Spec 30
WX	D35	—	SP35	—	Spec 35
LWX	D41	—	SP41	LWX	Spec 41
3K	D830	—	SPX30	3000U	30U
—	D835	—	SPX35	—	35U
—	D841	—	SPX41	4100U	41U
—	DSGN50	—	C50	—	C50
—	27K	—	SPX27	—	27
—	WWX	—	SW	—	WWX
—	DSGN/50	—	SGN	—	C50

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

ELECTRICAL INTERCHANGEABILITIES		
SYLVANIA	GE	PHILIPS
F18T8/CW/K/24	F24" T8/CW/4	F15T8/CW/24
F18T8/CW/K/26	F26" T8/CW/4	F16T8/CW/26
F18T8/CW/K/28	F28" T8/CW/4	F17T8/CW/28
F18T8/CW/K/30	F30" T8/CW/4	F18T8/CW/30
F40T17/CW/IS	F40T17/CW/IS	F40T12/CW/IS/60
F90T17/CW/SS	F90T17/CW	F90T12/CW/60/EW
SS	WM	EWII
VHO	PG17 (1500ma)	VHO
VHO/LT	T10 (1500ma)	VHO/O
F40CW	F40/CW	F40T10/CW/99
F40	MM	Aurora
F40/SS	FM28	F40/EWII
Octron	Trimline	Octalume
2',3',4',5'	3',4',5'	3',4',5'
Twin Tube	Biax	PL
5w,7w,9w,13w	7w,9w,13w	5w,7w,9w,13w

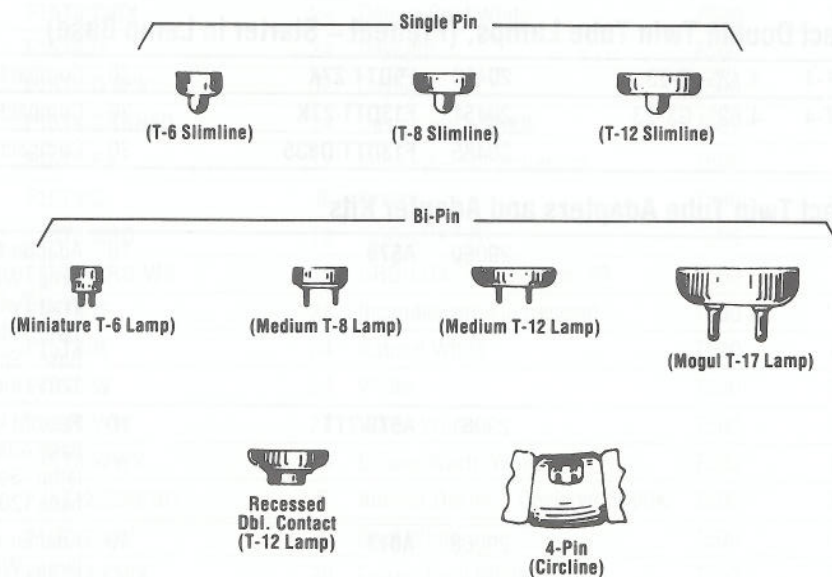
FLUORESCENT LAMPS

The bulb shape and size of a fluorescent lamp are expressed by means of a code consisting of the letter "T" (which designates that the bulb is tubular in shape) followed by a number which expresses the diameter of the bulb in eighths of an inch. They vary in diameter from T-5 ($\frac{5}{8}$ inch) to T-17 ($2\frac{1}{8}$ inches). In nominal overall length, fluorescent lamps range from 6 to 96 inches, which is always measured from back of lampholder to back of lampholder. For example, the actual overall length of the 40-watt rapid start T-12, 48 inch lamp is 47 $\frac{3}{4}$ inches. Circline lamps, which are circular, are available in five sizes: 6 $\frac{1}{2}$ inches, 8 inches, 10 inches, 12 inches and 16 inches outside diameter. There are also U shaped fluorescent types (Curvalume™) with T-8 and T-12 tubes. U shaped types are measured for the distance between the ends. The overall length is measured from the face of the bases to the outside of the glass bend.



Bases

For Preheat and Rapid Start Lamps, four electrical contacts are required, two at each end of the lamp. This is accomplished in the standard line of lamps by the use of a bipin for T-5 bulbs, medium bipin for T-8 and T-12 bulbs and mogul bipin for T-17 bulbs. In Circline lamps, the cathodes are connected to a four-pin base located between the junction of the two ends of the lamp. High Output and Very High Output lamps have recessed double contact type bases. Slimline (Instant Start) lamps require only two electrical contacts, one at each lamp end and have single pin bases.



T-5
BIPINT-8
BIPIN

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Miniature, Preheat (Starter Required)

Watts	Bulb	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			DCI 046135 UPC 46135	Syl. Item No.					
4	T-5	6"	Min. Bipin	20416	F4T5/CW	24	Cool White	6000	140
				20420	F4T5/D	24	Daylight	6000	115
				20421	F4T5/W	24	White	6000	145
6	T-5	9"	Min. Bipin	20616	F6T5/CW	24	Cool White	7500	290
				20620	F6T5/D	24	Daylight	7500	240
				20621	F6T5/W	24	White	7500	290
				20617	F6T5/WW	24	Warm White	7500	290
8	T-5	12"	Min. Bipin	20816	F8T5/CW	24	Cool White	7500	400
				20837	F8T5/CWX	24	Deluxe Cool White	7500	280
				20820	F8T5/D	24	Daylight	7500	340
				20824	F8T5/DSGN50	24	Design 50," 5000K	7500	270
				20827	F8T5/GRO	24	GRO-LUX®	6000	
				20821	F8T5/W	24	White	7500	400
				20817	F8T5/WW	24	Warm White	7500	400
13	T-5	21"	Min. Bipin	21316	F13T5/CW	24	Cool White	7500	860
				21317	F13T5/WW	24	Warm White	7500	880

Compact Twin Tube Lamps, (Preheat – Starter in Lamp Base)

5	T-4	4.16"	G-23	20405	F5TT/27K	30	Compact Fluorescent, 2700K	10000	250
7	T-4	5.25"	G-23	20400	F7TT/27K	30	Compact Fluorescent, 2700K	10000	400
9	T-4	6"	G-23	20401	F9TT/27K	30	Compact Fluorescent, 2700K	10000	600
				20474	F9TT/D835	30	Compact Fluorescent, 3500K	10000	600
13	T-4	7.5"	GX-23	20402	F13TT/27K	30	Compact Fluorescent, 2700K	10000	900
				20475	F13TT/D835	30	Compact Fluorescent, 3500K	10000	900

Compact Double Twin Tube Lamps, (Preheat – Starter in Lamp Base)

9	T-4	4.12"	G-23	20450	F9DTT/27K	30	Compact Fluorescent, 2700K	10000	575
13	T-4	4.62"	GX-23	20451	F13DTT/27K	30	Compact Fluorescent, 2700K	10000	860
				20485	F13DTT/D835	30	Compact Fluorescent, 3500K	10000	860

Compact Twin Tube Adapters and Adapter Kits

29060	A579	10	Adapter for Compact Fluorescent lamp. Will operate the 5, 7, or 9 Watt Twin Tube or 9 Watt Double Twin Tube lamp with a G-23 Base. Screws into medium base 120V. incandescent socket.
29061	A579/7TT	10	Retrofit kit contains one A579 base Adapter and one F7TT/27K lamp. Screws into a medium base 120V. incandescent socket.
29068	A013	10	Adapter for compact fluorescent lamp. Will operate the 13 watt Twin Tube or 13 watt Double Twin Tube lamp having a GX-23 base. Screws into medium base 120V. incandescent socket.

⌘ This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Compact Twin Tube Adapters and Adapter Kits (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			Syl. Item No.					
			29069	A013/13DTT	10	Retrofit kit contains one A013 base Adapter and one F13DTT/27K lamp. Screws into a medium base 120V. incandescent socket.		

Preheat Lamps (Starter Required)

13	T-8	12"	Med. Bipin	21766	F13T8/CW	24	Cool White	7500	580
14	T-8	15"	Med. Bipin	21486	F14T8/CW	24	Cool White	7500	750
				21488	F14T8/D	24	Daylight	7500	650
				21492	F14T8/EN	12	Enhance for Aquarium	7500	
				21496	F14T8/GRO	12	GRO-LUX®	7500	
14	T-12	15"	Med. Bipin	21450	F14T12/D30(ID)	6	Interior Design® Designer 3000K	7500	735
				21409	F14T12/CW	30	Cool White	7500	675
				21410	F14T12/CWX	30	Deluxe Cool White	7500	470
				21411	F14T12/D	30	Daylight	7500	585
				21412	F14T12/DSGN50	30	Design 50,™ 5000K	7500	480
				21440	F14T12/W	30	White	7500	700
				21435	F14T12/WW	30	Warm White	7500	700
15	T-8	18"	Med. Bipin	21610	F15T8/D830	24	Designer "800", 3000K	7500	925
				21654	F15T8/D30(ID)	6	Interior Design® Designer 3000K	7500	940
				21620	F15T8/B	6	Blue	7500	500
				21708	F15T8/CG	24	Cool Green	7500	740
				21616	F15T8/CW	24	Cool White	7500	880
				21615	F15T8/CW 6PK	6	Cool White	7500	880
				21627	F15T8/CWX	24	Deluxe Cool White	7500	620
				21600	F15T8/D	24	Daylight	7500	750
				21602	F15T8/D 6PK	6	Daylight	7500	750
				21642	F15T8/DSGN50	24	Design 50,™ 5000K	7500	700
				21649	F15T8/EN	12	Enhance - For Aquarium	7500	
				21621	F15T8/G	6	Green	7500	1250
				21655	F15T8/GRO	12	GRO-LUX®	7500	
				21733	F15T8/GRO/WS	12	GRO-LUX® Wide Spect. ®	7500	
				21604	F15T8/IF	24	Incandescent/Fluorescent	7500	415
				21682	F15T8/N	24	Natural White	7500	610
				21601	F15T8/W	24	White	7500	900
				21701	F15T8/WW	24	Warm White	7500	900
				21724	F15T8/WWX	24	Deluxe Warm White	7500	620
	T-12	18"	Med. Bipin	21550	F15T12/D30(ID)	6	Interior Design®, Designer 3000K	7500	840
				21532	F15T12/CW	30	Cool White	7500	780
				21533	F15T12/CWX	30	Deluxe Cool White	7500	550
				21534	F15T12/D	30	Daylight	7500	650

® This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.


Preheat Lamps (Starter Required) (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135		Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)		
			Syl. Item No.								
15	T-12	18"	Med. Bipin	21541	F15T12/W	30	White	7500	800		
				21542	F15T12/WW	30	Warm White	7500	800		
				21543	F15T12/WWX	30	Deluxe Warm White	7500	550		
18	T-8	24"	Med. Bipin	23014	F18T8/CW/K/24	24	Cool White, Appliance	7500	1175		
		26"	Med. Bipin	23027	F18T8/CW/K/26	24	Cool White, Appliance	7500	1275		
		28"	Med. Bipin	23028	F18T8/CW/K/28	24	Cool White, Appliance	7500	1350		
		30"	Med. Bipin	23030	F18T8/CW/K/30	24	Cool White, Appliance	7500	1400		
		26"	Med. Bipin	23032	F18T8/CWX/K/26	24	Cool White, Appliance	7500	950		
20	T-12	24"	Med. Bipin	22075	F20T12/D830	30	Designer "800" 3000K	9000	1350		
				22250	F20T12/D30(ID)	6	Interior Design, [®] Designer 3000K	9000	1350		
				22251	F20T12/D35	30	Designer 3500K	9000	1350		
				22018	F20T12/B	6	Blue	9000	550		
				22077	F20T12/CG	30	Cool Green	9000	1050		
				22078	F20T12/CW	30	Cool White	9000	1260		
				22014	F20T12/CW 6PK	6	Cool White	9000	1260		
				21"	Med. Bipin	22080	F20T12/CW/21	30	Cool White	7500	1044
				26"	Med. Bipin	22081	F20T12/CW/26	30	Cool White	7500	1250
				24"	Med. Bipin	22082	F20T12/CWX	30	Deluxe Cool White	9000	875
				22083	F20T12/D	30	Daylight	9000	1075		
				22009	F20T12/D 6PK	6	Daylight	9000	1075		
		22"	Med. Bipin	22085	F20T12/D/22	30	Daylight	7500	975		
		24"	Med. Bipin	22119	F20T12/DSGN50	30	Design 50, [™] 5000K	9000	900		
		22049	F20T12/EN	12	Enhance – For Aquarium	9000					
		22019	F20T12/G	6	Green	9000	1850				
		22028	F20T12/GRO	12	GRO-LUX [®] ☼	9000					
		22012	F20T12/GRO/WS	12	GRO-LUX [®] Wide Spect. Starter Required	9000					
		22125	F20T12/IF	30	Incandescent/Fluorescent	9000	630				
		22126	F20T12/N	30	Natural White	9000	850				
		22020	F20T12/PK	6	Pink	9000	500				
		22129	F20T12/W	30	White	9000	1300				
		22131	F20T12/WW	30	Warm White	9000	1300				
		22133	F20T12/WWX	30	Deluxe Warm White	9000	875				
22	T-8	26"	Med. Bipin	23026	F22T8/CW	24	Cool White	7500	1500		
25	T-12	28"	Med. Bipin	22527	F25T12/CW/28	30	Cool White	7500	1700		
		30"	Med. Bipin	22528	F25T12/CW/30	30	Cool White	7500	1730		
		33"	Med. Bipin	22529	F25T12/CW/33	30	Cool White	7500	1850		
		28"	Med. Bipin	22530	F25T12/D/28	30	Daylight	7500	1450		
		33"	Med. Bipin	22531	F25T12/D/33	30	Daylight	7500	1600		
				22533	F25T12/WW/33	30	Warm White	7500	1900		
30	T-8	36"	Med. Bipin	23138	F30T8/D30(ID)	6	Interior Design, [®] Designer 3000K	7500	2360		



☼ This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.


Preheat Lamps (Starter Required) (continued)

				VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
Watts	Bulb	Base	Syl. Item No.						
30	T-8	36"	Med. Bipin	23108	F30T8/CG	24	Cool Green	7500	1900
				23116	F30T8/CW	24	Cool White	7500	2200
				23121	F30T8/CW 6PK	6	Cool White	7500	2200
				23127	F30T8/CWX	24	Deluxe Cool White	7500	1580
				23100	F30T8/D	24	Daylight	7500	1900
				23023	F30T8/DSGN50	24	Design 50," 5000K	7500	1610
				23159	F30T8/GRO	12	GRO-LUX®	7500	
				23144	F30T8/IF	24	Incandescent/Fluorescent	7500	1110
				23182	F30T8/N	24	Natural White	7500	1500
				23186	F30T8/N 6PK	6	Natural White	7500	1500
				23101	F30T8/W	24	White	7500	2250
30	T-8	36"	Med. Bipin	23701	F30T8/WW	24	Warm White	7500	2250
				23724	F30T8/WWX	24	Deluxe Warm White	7500	1580
				T-12	24"	Med. Bipin	22324	F30T12/GRO/700	12
40	T-12	48"	Med. Bipin	24019	F40T12/CW/LT	30	Cool White, Low Temp.	6000	3150
				24018	F40T12/CW/LT	24	Cool White, Low Temp.		
				24110	F40T12/D/LT	24	Daylight, Low Temp.	6000	2650
85	T-17	60"	Mog. Bipin	29255	F90T17/CW/SS	12	Cool White ^m <i>SuperSaver</i>	9000	6100
90	T-17	60"	Mog. Bipin	29247	F90T17/CW	12	Cool White	9000	6400
					WE SUGGEST F90T17/CW/SS, An Energy Saving Product				
				29250	F90T17/D	12	Daylight	9000	5400
				29244	F90T17/W	12	White	9000	6350

Rapid Start Lamps (No Starter Required)

25	T-12	36"	Med. Bipin	23472	F30T12/CW/RS/SS	30	Cool White ^b	SuperSaver	18000	2000
				23473	F30T12/WW/RS/SS	30	Warm White ^b	SuperSaver	18000	2050
30	T-12	36"	Med. Bipin	23474	F30T12/D830/RS	30	Designer "800" 3000K		18000	2400
				23450	F30T12/D30(ID)	6	Interior Design, [®] Designer 3000K		18000	2470
				23484	F30T12/D35/RS	30	Designer 3500K		18000	2470
				23476	F30T12/CW/RS	30	Cool White		18000	2300
					WE SUGGEST F30T12/CW/RS/SS, An Energy Saving Product					
				23477	F30T12/CWX/RS	30	Deluxe Cool White		18000	1550
				23478	F30T12/D/RS	30	Daylight		18000	1950
				23479	F30T12/IF/RS	30	Incandescent/Fluorescent		18000	1160
				23480	F30T12/N/RS	30	Natural		18000	1550
				23481	F30T12/W/RS	30	White		18000	1900
				23482	F30T12/WW/RS	30	Warm White		18000	2360
	WE SUGGEST F30T12/WW/RS/SS, An Energy Saving Product									
				23483	F30T12/WWX/RS	30	Deluxe Warm White		18000	1550

 **WE SUGGEST** An Energy Saving Product.

 This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

(a) For operation in fixtures designed only for 24", 30 watt, T-12 Fluorescent Lamps.

(b) Recommended only for use on 2-lamp, 30 watt rapid-start high power factor lead, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts,

dimming ballasts, or (5) on inverter operated emergency lighting systems.

(m) Recommended for use on two-lamp high power factor, lead-lag, Preheat, indoor ballasts that meet ANSI standards and installed in open type fixtures. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations (unstable operation or starting difficulties may be experienced below 60° F or in strong drafts); (2) low-power factor ballasts reduced current, reduced light output ballasts, dimming ballasts, or on inverter operated emergency lighting systems.

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

OCTRON®

OCTRON Lamps should be used only with ballasts designed to operate 265 ma., T-8 lamps.

OCTRON CURVALUME®, Rapid Start Lamps (No Starter Required)

Approximate length of Octron Curvalume lamps is measured from base face to outside of glass bend.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Std. Case Qty.	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			Syl. Item No.					
16	T-8	10.5" Med. Bipin	21801	▽FBO16/31K	15	3100K	20000	1250
			21800	▽FBO16/35K	15	3500K	20000	1250
			21802	▽FBO16/41K	15	4100K	20000	1250
24	T-8	16.5" Med. Bipin	21803	▽FBO24/31K	15	3100K	20000	2050
			21810	▽FBO24/35K	15	3500K	20000	2050
24	T-8	16.5" Med. Bipin	21804	▽FBO24/41K	15	4100K	20000	2050
31	T-8	22.5" Med. Bipin	21805	▽FBO31/31K	15	3100K	20000	2800
			21807	▽FBO31/35K	15	3500K	20000	2800
			21806	▽FBO31/41K	15	4100K	20000	2800

OCTRON®, Rapid Start Lamps (No Starter Required)

17	T-8	24" Med. Bipin	21830	F017/31K	30	3100K	20000	1350
			21832	F017/35K	30	3500K	20000	1350
			21831	F017/41K	30	4100K	20000	1350
25	T-8	36" Med. Bipin	21828	F025/31K	30	3100K	20000	2150
			21817	F025/35K	30	3500K	20000	2150
			21829	F025/41K	30	4100K	20000	2150
32	T-8	48" Med. Bipin	21825	F032/31K	30	3100K	20000	2900
			21823	F032/35K	30	3500K	20000	2900
			21824	F032/41K	30	4100K	20000	2900
40	T-8	60" Med. Bipin	21826	F040/31K	30	3100K	20000	3650
			21820	F040/35K	30	3500K	20000	3650
			21827	F040/41K	30	4100K	20000	3650

THRIFT/MATE®

THRIFT/MATE®, Rapid Start Lamps (not to be used in Fixtures Equipped with Starters)

NOTE: The "RS" designation has been eliminated to simplify the ordering abbreviation.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			Syl. Item No.					
40	T-12	48" Med. Bipin	24490	▽F40CW/TM33	24	Cool White, Thrift/Mate, ETL "Labeled" ^{114,d}	30000 +	(e)
			24495	▽F40CW/TM50	24	Cool White, Thrift/Mate, ETL "Labeled" ^{114,d}	30000 +	(e)
			24491	▽F40WW/TM33	24	Warm White, Thrift/Mate, ETL "Labeled" ^{114,d}	30000 +	(e)
			24496	▽F40WW/S/TM50	24	Warm White, Thrift/Mate, ETL "Labeled" ^{114,d}	30000 +	(e)

(d) Recommended for use on two lamp 40 watt rapid start, high power factor, lead, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems. Use one Thrift/Mate with one F40 or F40/SS in each two lamp circuit.

(e) Thrift/Mate TM-33 and TM-50 lamps reduce wattage and light by approximately 33% and 50% respectively when used under specified conditions.


▽ Exclusive Sylvania Design.
Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

SUPERSAVER PLUS,[®] Rapid Start Lamps (Not to be used in Fixtures Equipped with Starters)

NOTE: The "RS" designation has been eliminated to simplify the ordering abbreviation.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)	
			Syl. Item No.						
32	T-12	48"	Med. Bipin	24690	F40/D830/SSP	30	Designer "800" 3000K ^{o,p} <i>SuperSaverPlus</i>	20000	2925
				24692	F40/D835/SSP	30	Designer "800" 3500K ^{o,p} <i>SuperSaverPlus</i>	20000	3000
				24693	F40/D841/SSP	30	Designer "800" 4100K ^{o,p} <i>SuperSaverPlus</i>	20000	3000
				24689	F40/D30/SSP	30	Designer 3000K ^{o,p} <i>SuperSaverPlus</i>	20000	2925
				24691	F40/D35/SSP	30	Designer 3500K ^{o,p} <i>SuperSaverPlus</i>	20000	2925
				24688	F40/D41/SSP	30	Designer 4100K ^{o,p} <i>SuperSaverPlus</i>	20000	2925
				24686	F40CW/SSP	30	Cool White ^{o,p} <i>SuperSaverPlus</i>	20000	2750
				24687	F40WW/SSP	30	Warm White ^{o,p} <i>SuperSaverPlus</i>	20000	2800



SUPERSAVER,[®] Rapid Start Lamps (Not to be used in Fixtures Equipped with Starters)

NOTE: The "RS" designation has been eliminated to simplify the ordering abbreviation.

34	T-12	48"	Med. Bipin	24589	F40/D830/SS	30	Designer "800" 3000K ^{114,c,o} <i>SuperSaver</i>	20000 +	2925
				24579	F40/D830/SS10PK	10	Designer "800" 3000K <i>SuperSaver</i>	20000 +	2925
				24581	F40/D835/SS	30	Designer "800" 3500K <i>SuperSaver</i>	20000 +	3000
				24586	F40/D841/SS	30	Designer "800" 4100K <i>SuperSaver</i>	20000 +	3000
				24580	F40/D30/SS	30	Designer 3000K ^{114,c,o} <i>SuperSaver</i>	20000 +	2925
				24585	F40/D35/SS	30	Designer 3500K ^{114,c,o} <i>SuperSaver</i>	20000 +	2925
				24593	F40/D41/SS	30	Designer 4100K ^{114,c,o} <i>SuperSaver</i>	20000 +	2925
				24594	F40CW/SS	30	Cool White ^{114,c,o} <i>SuperSaver</i>	20000 +	2750
				24515	F40CW/SS 60PK	60	Cool White Caddy Pack ^{114,c,o} <i>SuperSaver</i>	20000 +	2750
				24588	F40CWX/SS	30	Deluxe Cool White ^{114,c,o} <i>SuperSaver</i>	20000 +	1925
				24592	F40D/SS	30	Daylight ^{114,c,o} <i>SuperSaver</i>	20000 +	2350
				24590	F40LW/SS	30	Lite White ^{114,c,o}	20000 +	2925
				24591	F40W/SS	30	White ^{114,c,o} <i>SuperSaver</i>	20000 +	2800
				24595	F40WW/SS	30	Warm White ^{114,c,o} <i>SuperSaver</i>	20000 +	2800
				24587	F40WWX/SS	30	Deluxe Warm White ^{114,c,o} <i>SuperSaver</i>	20000 +	1925

- (c) Recommended for use on one or two lamp 40 watt rapid start, high power factor, lead, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.
- (o) Average rated life of 20,000 + hours measured at 3 hour per start on 2-lamp, rapid start magnetic ballasts per IES recommended practise. Lamp life on single-lamp rapid start ballasts may be reduced.

- (p) Same as (c) with the following additions: Not to be used on electronic ballasts nor with Thrift/Mate lamps or other impedance modifying devices. SuperSaver Plus lamps may need approximately one minute to restart if a circuit interruption of less than 60 seconds occurs.

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Rapid Start Lamps (No Starter Required)

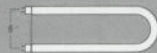
Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			Syl. Item No.					
40	T-12	48"	Med. Bipin	24476 F40/D830	30	Designer "800" 3000K ^{68,114.0}	20000 +	3300
				WE SUGGEST F40/D830/SS, An Energy Saving Product				
				24577 F40/D835	30	Designer "800" 3500K	20000 +	3350
				24578 F40/D841	30	Designer "800" 4100K	20000 +	3350
				24650 F40/D30	6	Interior Design, [®] Designer 3000K ^{68,114.0}	20000 +	3300
				24576 F40/D30	30	Designer, 3000K	20000 +	3300
				24583 F40/D35	30	Designer, 3500K	20000 +	3250
				24584 F40/D41	30	Designer 4000K ^{114.0} formerly Lite White Deluxe	20000 +	3300
				WE SUGGEST F40/D41/SS, or F40/D41/SSP, Energy Saving Products				
				24659 F40CG	30	Cool Green ^{68,114.0}	20000 +	2750
				24667 F40B	6	Blue ^{68,114.0}	20000 +	1800
				24427 F40CW 10PK	10	Cool White ^{68,114.0}	20000 +	3150
				24426 F40CW	30	Cool White ^{68,114.0}	20000 +	3150
				WE SUGGEST F40CW/SS, Thrift/Mate, or F40CW/SSP, Energy Saving Products				
				24628 F40CW 60PK	60	Cool White Caddy Pack ^{114.0}	20000 +	3150
				24442 F40CW 10PK	10	Deluxe Cool White ^{114.0}	20000 +	2100
				24441 F40CW	30	Deluxe Cool White ^{114.0}	20000 +	2100
				WE SUGGEST F40CW/SS, An Energy Saving Product				
				24430 F40D 10PK	10	Daylight ^{114.0}	20000 +	2700
				24429 F40D	30	Daylight ^{114.0}	20000 +	2700
				WE SUGGEST F40D/SS, An Energy Saving Product				
				24683 F40DSGN50	30	Design 50, [™] 5000K ^{114.0}	20000 +	2200
				24669 F40G	6	Green ^{114.0}	20000 +	4100
				24655 F40GRO	12	GRO-LUX [®] ^{114.0}	20000	
				24672 F40GRO/WS	12	GRO-LUX [®] Wide Spect. ^{114.0}	20000	
				24454 F40IF	30	Incandescent/Fluorescent ^{114.0}	20000 +	1560
				24439 F40N 10PK	10	Natural White ^{114.0}	20000 +	2120
				24438 F40N	30	Natural White ^{114.0}	20000 +	2120
				24670 F40PK	6	Pink ^{114.0}	20000 +	1270
				24432 F40W	30	White ^{114.0}	20000 +	3200
				WE SUGGEST F40W/SS, An Energy Saving Product				
				24436 F40WW 10PK	10	Warm White ^{114.0}	20000 +	3200
				24435 F40WW	30	Warm White ^{114.0}	20000 +	3200
				WE SUGGEST F40WW/SS, Thrift/Mate, or F40WW/SSP, Energy Saving Products				
				24444 F40WWX	30	Deluxe Warm White ^{114.0}	20000 +	2200
				24648 FR40CW/235	30	Cool White, 235 Deg. Reflector ^{102,114.0}	20000 +	

WE SUGGEST An Energy Saving Product.

(o) Average rated life of 20,000+ hours measured at 3 hour per start on 2-lamp, rapid start magnetic ballasts per IES recommended practise. Lamp life on single-lamp rapid start ballasts may be reduced.

☼ This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

Numbered Footnotes are listed on page 88.



The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A. N. S. I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

CURVALUME® Lamps (U Shaped)

Approximate length of Curvalume lamps (base face to outside of glass bend).

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
34	T-12	22.5" Med. Bipin	24046	FB40/CW/6/SS	12	U Shaped Lamp – Cool White ^c SuperSaver	18000	2650
			24049	FB40LW/6/SS	12	U Shaped Lamp – Lite White ^c SuperSaver	18000	2800
			24048	FB40/W/6/SS	12	U Shaped Lamp – White ^c SuperSaver	18000	2700
			24047	FB40/WW/6/SS	12	U Shaped Lamp – Warm White ^c SuperSaver	18000	2700
40	T-12	22.5" Med. Bipin	24017	FB40/D830/6	12	U Shaped Lamp – Designer "800" 3000K	18000	3150
			24080	FB40/D30/6	12	U Shaped Lamp Designer, 3000K	18000	3150
			24081	FB40/D35/6	12	U Shaped Lamp Designer, 3500K	18000	3150
			24082	FB40/D41/6	12	U Shaped Lamp Designer, 4100K	18000	3150
			24000	FB40/CW/6	12	U Shaped Lamp – Cool White	18000	3000
			WE SUGGEST FB40CW/6/SS An Energy Saving Product					
			24004	FB40/CWX/6	12	U Shaped Lamp – Cool White Deluxe	18000	2200
			24001	FB40/W/6	12	U Shaped Lamp – White	18000	3050
			WE SUGGEST FB40W/6/SS An Energy Saving Product					
			24002	FB40/WW/6	12	U Shaped Lamp – Warm White	18000	3050
			WE SUGGEST FB40WW/6/SS An Energy Saving Product					
			24003	FB40/WWX/6	12	U Shaped Lamp – Warm White Deluxe	18000	2200

Circline, Rapid Start Lamps

20	T-9	6.5"	4-Pin	20156	FC6T9/CW/RS	12	Cool White ⁶⁶	12000	800
				20155	FC6T9/WW/RS	12	Warm White ⁶⁶	12000	825
22	T-9	8"	4-Pin	20207	FC8T9/D30/RS(ID)	6	Interior Design [®] , Designer 3000K ⁶⁶	12000	1170
				20148	FC8T9/CW/RS	12	Cool White ⁶⁶	12000	1100
				20080	FC8T9/D/RS	12	Daylight ⁶⁶	12000	960
				20094	FC8T9/GRO/WS/RS	12	GRO-LUX [®] Wide Spect. ⁶⁶	12000	
				20082	FC8T9/W/RS	12	White ⁶⁶	12000	1100
				20088	FC8T9/WW/RS	12	Warm White ⁶⁶	12000	1100
				20229	FC12T9/D30/RS(ID)	6	Interior Design [®] , Designer 3000K ⁶⁶	12000	2035
32	T-9	12"	4-Pin	20142	FC12T9/CW/RS	12	Cool White ⁶⁶	12000	1910
				20030	FC12T9/D/RS	12	Daylight ⁶⁶	12000	1580
				20037	FC12T9/WW/RS	12	Warm White ⁶⁶	12000	1910

(c) Recommended for use on one or two lamp 40 watt rapid start, high power factor, lead, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.

WE SUGGEST An Energy Saving Product.

⁶⁶ This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Instant Start, Slimline Lamps (No Starter Required) (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)	
			Syl. Item No.						
39	T-12	48"	Single Pin	24817	F48T12/WW	30	Warm White	9000	3000
				24873	F48T12/WWX	24	Deluxe Warm White	9000	2050
				24863	FR48T12/CW/235	24	Cool White, 235 Deg. Reflector	9000	2700
41	T-8	96"	Single Pin	29594	F96T8/CW/SS	24	Cool White ^{200 MA} SuperSaver	7500	3750
50	T-12	60"	Single Pin	26001	F60T12/CW	30	Cool White ¹¹²	12000	3700
				26002	F60T12/D	30	Daylight ¹¹²	12000	3150
51	T-8	96"	Single Pin	29666	F96T8/CW	24	Cool White ⁸⁴	7500	4200
				WE SUGGEST F96T8/CW/SS, An Energy Saving Product					
				29650	F96T8/D	24	Daylight ^{200 MA}	7500	3600
52	T-12	64"	Single Pin	29670	F96T8/WW	24	Warm White ^{200 MA}	7500	4250
				26403	F64T12/CW	30	Cool White ¹¹²	12000	3900
55	T-12	72"	Single Pin	26404	F64T12/D	30	Daylight ¹¹²	12000	3300
				27255	F72T12/D830	15	Designer "800" 3000K ¹¹²	12000	4800
70	T-12	84"	Single Pin	27256	F72T12/CW	15	Cool White ¹¹²	12000	4600
				27257	F72T12/CW 10PK	10	Cool White ¹¹²	12000	4600
				27258	F72T12/CWX	15	Deluxe Cool White ¹¹²	12000	3200
				27259	F72T12/D	15	Daylight ¹¹²	12000	3900
				27261	F72T12/IF	15	Incandescent/Fluorescent ¹¹²	12000	2400
				27262	F72T12/N	15	Natural White ¹¹²	12000	3050
				27264	F72T12/W	15	White ¹¹²	12000	4700
				27265	F72T12/WW	15	Warm White ¹¹²	12000	4700
				27267	F72T12/WWX	15	Deluxe Warm White ¹¹²	12000	3200
				28417	F84T12/CW	15	Cool White ¹¹²	12000	5400
60	T-12	96"	Single Pin	28418	F84T12/D	15	Daylight ¹¹²	12000	4500
				29823	F96T12/D830/SS	15	Designer "800" 3000K ^{112,1} SuperSaver	12000	5850
				29811	F96T12/D835/SS	15	Designer "800" 3500K SuperSaver	12000	6025
				29812	F96T12/D841/SS	15	Designer "800" 4100K SuperSaver	12000	6025
				29825	F96T12/D30/SS	15	Designer 3000K ^{112,1} SuperSaver	12000	5850
				29819	F96T12/D35/SS	15	Designer 3500K SuperSaver	12000	5850
				29824	F96T12/D41/SS	15	Designer 4100K ^{112,1} SuperSaver	12000	5850
				29815	F96T12/CW/SS	15	Cool White ^{112,1} SuperSaver	12000	5500
				29814	F96T12/CWX/SS	15	Deluxe Cool White ^{112,1} SuperSaver	12000	3800

^{200 MA} Rating given at 200MA operation.

(f) Recommended for use on one or two lamp high power factor, lead, instant-start, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.












WE SUGGEST An Energy Saving Product.

(g) Recommended for use on 200 ma, one-lamp high power factor, lead, or 200 ma, two-lamp high power factor, lead-lag, instant-start, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.


Instant Start, Slimline Lamps (No Starter Required) (continued)

Watts	Bulb	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			DCI 046135 UPC 46135	Syl. Item No.					
	60	T-12 96"			29822	F96T12/D/SS	15 Daylight ^{112,1} SuperSaver	12000	4700
					29820	F96T12/LW/SS	15 Lite White ^{112,1} SuperSaver	12000	5850
					29821	F96T12/W/SS	15 White ^{112,1} SuperSaver	12000	5600
					29817	F96T12/WW/SS	15 Warm White ^{112,1} SuperSaver	12000	5600
					29826	F96T12/WWX/SS	15 Deluxe Warm White ^{112,1} SuperSaver	12000	3800
	75	T-12 96"			29827	F96T12/D830	15 Designer "800" Royal White, 3000K ¹¹²	12000	6700
					29685	F96T12/D35	15 Designer 3500K SuperSaver	12000	6700
					 WE SUGGEST F96T12/D830/SS, An Energy Saving Product				
					29828	F96T12/B	10 Blue ¹¹²	12000	3800
					29829	F96T12/CG	15 Cool Green ¹¹²	12000	5950
					29830	F96T12/CW 10PK	10 Cool White ¹¹²	12000	6300
					29476	F96T12/CW	15 Cool White ¹¹²	12000	6300
					 WE SUGGEST F96T12/CW/SS, An Energy Saving Product				
					29831	F96T12/CWX 10PK	10 Deluxe Cool White ¹¹²	12000	4400
					29478	F96T12/CWX	15 Deluxe Cool White ¹¹²	12000	4400
					 WE SUGGEST F96T12/CWX/SS, An Energy Saving Product				
					29832	F96T12/D 10PK	10 Daylight ¹¹²	12000	5400
					29482	F96T12/D	15 Daylight ¹¹²	12000	5400
					 WE SUGGEST F96T12/D/SS, An Energy Saving Product				
					29833	F96T12/DSGN50	15 Design 50," 5000K ¹¹²	12000	4600
					29834	F96T12/G	10 Green ¹¹²	12000	8900
					29836	F96T12/GRO	15 GRO-LUX [®]  ¹¹²	12000	
					29837	F96T12/GRO/WS	15 GRO-LUX [®] Wide Spect.  ¹¹²	12000	
					29838	F96T12/IF	15 Incandescent/Fluorescent ¹¹²	12000	3350
					29480	F96T12/N	15 Natural White ¹¹²	12000	4250
					29842	F96T12/PK	10 Pink ¹¹²	12000	4000
					29844	F96T12/W	15 White ¹¹²	12000	6400
					 WE SUGGEST F96T12/W/SS, An Energy Saving Product				
					29477	F96T12/WW	15 Warm White ¹¹²	12000	6400
					 WE SUGGEST F96T12/WW/SS, An Energy Saving Product				
					29847	F96T12/WWX	15 Deluxe Warm White ¹¹²	12000	4400
					 WE SUGGEST F96T12/WWX/SS, An Energy Saving Product				
					29663	FR96T12/CW/235	12 Cool White, 235 Deg. Reflector ¹¹²	12000	5500

High Output, Rapid Start Lamps (800 ma) (No Starter Required)

25	T-12	18"	Recessed D.C.	25303	F18T12/DSGN50/HO	30	Design White	9000	900
35	T-12	24"	Recessed D.C.	25313	F24T12/CW/HO	30	Cool White	9000	1700

(f) Recommended for use on one or two lamp high power factor, lead, instant-start, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.

 This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

 **WE SUGGEST An Energy Saving Product.**

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

High Output, Rapid Start Lamps (800 ma) (No Starter Required) (continued)










Watts	Bulb	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			DCI 046135 UPC 46135	Syl. Item No.					
35	T-12	24"	Recessed D.C.	25314	F24T12/D/HO	30	Daylight	9000	1400
				25312	F24T12/DSGN50/HO	30	Design White	9000	1350
				25315	F24T12/WW/HO	30	Warm White	9000	1700
42	T-12	30"	Recessed D.C.	25322	F30T12/CW/HO	30	Cool White	9000	2250
45	T-12	36"	Recessed D.C.	25333	F36T12/CW/HO	30	Cool White	9000	2900
				25332	F36T12/D/HO	30	Daylight	9000	2500
				25334	F36T12/DSGN50/HO	30	Design White	9000	2200
55	T-12	42"	Recessed D.C.	25342	F42T12/CW/HO	30	Cool White	9000	3550
				25343	F42T12/D/HO	30	Daylight	9000	3000
				25344	F42T12/DSGN50/HO	30	Design White	9000	2800
60	T-12	48"	Recessed D.C.	25148	F48T12/D830/HO	30	Designer "800" 3000K	12000	4400
				25146	F48T12/CW/HO	30	Cool White	12000	4300
				25144	F48T12/CWX/HO	30	Deluxe Cool White	12000	3050
				25150	F48T12/D/HO	30	Daylight	12000	3600
				25153	F48T12/DSGN50/HO	30	Design White	12000	3300
				25141	F48T12/LW/HO	30	Lite White	12000	4300
				25142	F48T12/N/HO	30	Natural White	12000	2700
				25147	F48T12/WW/HO	30	Warm White	12000	4300
70	T-12	60"	Recessed D.C.	25126	F60T12/CW/HO	30	Cool White	12000	5400
				25120	F60T12/D/HO	30	Daylight	12000	4050
				25119	F60T12/DSGN50/HO	30	Design White	12000	4200
				25127	F60T12/WW/HO	30	Warm White	12000	5500
76	T-12	64"	Recessed D.C.	25352	F64T12/CW/HO	30	Cool White	12000	5800
				25353	F64T12/D/HO	30	Daylight	12000	4900
				25355	F64T12/DSGN50/HO	30	Design White	12000	4450
85	T-12	72"	Recessed D.C.	25098	F72T12/D830/HO	15	Designer "800" 3000K ⁶²	12000	6650
				25176	F72T12/CW/HO	15	Cool White ⁶²	12000	6650
				25187	F72T12/CWX/HO	15	Deluxe Cool White ⁶²	12000	4550
				25189	F72T12/D/HO	15	Daylight ⁶²	12000	5600
				25190	F72T12/DSGN50/HO	15	Design White ⁶²	12000	5100
				25182	F72T12/N/HO	15	Natural White ⁶²	12000	4200
				25177	F72T12/WW/HO	15	Warm White ⁶²	12000	6475
100	T-12	84"	Recessed D.C.	25384	F84T12/CW/HO	15	Cool White	12000	7800
				25385	F84T12/D/HO	15	Daylight	12000	6800
				25386	F84T12/DSGN50/HO	15	Design White	12000	6100
95	T-12	96"	Recessed D.C.	25008	F96T12/D830/HO/SS	15	Designer "800" 3000K ^{112,h} SuperSaver	12000	8800
				25015	F96T12/D30/HO/SS	15	Designer 3000K ^{112,h} SuperSaver	12000	8800
				25024	F96T12/D35/HO/SS	15	Designer 3500K SuperSaver	12000	8800
				25023	F96T12/D41/HO/SS	15	Designer 4100K ^{112,h} SuperSaver	12000	8800

(h) Recommended for use on one or two lamp high power factor, lead, 8-foot lamp, high output, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.



Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

High Output, Rapid Start Lamps (800 ma) (No Starter Required) (continued)


Watts	Bulb	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			DCI 046135 UPC 46135	Syl. Item No.					
	95	T-12 96"	Recessed D.C.	25010	F96T12/CW/HO/SS	15	Cool White ^{112,h} SuperSaver	12000	8150
				25014	F96T12/CWX/HO/SS	15	Deluxe Cool White ^{112,h} SuperSaver	12000	5800
				25025	F96T12/LW/HO/SS	15	Lite White ^{112,h} SuperSaver	12000	8675
				25012	F96T12/W/HO/SS	15	White ^{112,h} SuperSaver	12000	8375
				25011	F96T12/WW/HO/SS	15	Warm White ^{112,h} SuperSaver	12000	8275
				21013	F96T12/WWX/HO/SS	12	Deluxe Warm White ^{112,h} SuperSaver	12000	5800
	110	T-12 96"	Recessed D.C.	25152	F96T12/D830/HO	15	Designer "800" 3000K ¹¹²	12000	9500
				 WE SUGGEST F96T12/D830/HO/SS, An Energy Saving Product					
				25156	F96T12/CW/HO	15	Cool White ¹¹²	12000	9000
				 WE SUGGEST F96T12/CW/HO/SS or F96T12/LW/HO/SS, Energy Saving Products					
				25158	F96T12/CWX/HO	15	Deluxe Cool White ¹¹²	12000	6400
				 WE SUGGEST F96T12/CWX/HO/SS, An Energy Saving Product					
				25159	F96T12/D/HO	15	Daylight ¹¹²	12000	7800
				25164	F96T12/DSGN50/HO	15	Design White ¹¹²	12000	6500
				25167	F96T12/GRO/HO	15	GRO-LUX [®]  ¹¹²	12000	
				25163	F96T12/GRO/HO/WS	15	GRO-LUX [®] Wide Spect.  ¹¹²	12000	
				25162	F96T12/N/HO	15	Natural White ¹¹²	12000	6200
				25151	F96T12/W/HO	15	White ¹¹²	12000	9200
				 WE SUGGEST F96T12/W/HO/SS, An Energy Saving Product					
				25157	F96T12/WW/HO	15	Warm White ¹¹²	12000	9150
				 WE SUGGEST F96T12/WW/HO/SS, An Energy Saving Product					
				21172	FR96T12/CW/HO/235	12	Cool White, 235 Deg. Reflector ^{102,112}	12000	8050

Very High Output, Rapid Start Lamps (1500 ma) (No Starter Required)

74	T-12	24"	Recessed D.C.	25316	FR24T12/CW/VHO/135/HT	30	Cool White, 135 Deg. Reflector ⁱ	10000	2600
115	T-12	48"	Recessed D.C.	21260	F48T12/CW/PB/30	6	Cool White 30 Deg. Aperture	10000	
				21259	F48T12/CW/PB/60	6	Cool White 60 Deg. Aperture	10000	
				25248	F48T12/CW/VHO	30	Cool White	10000	6800
				25249	F48T12/CW/VHO/LT	30	Cool White, Low Temp. Performance rated at 35 Deg. F Ambient.	10000	7100
				25244	F48T12/D/VHO	30	Daylight	10000	5700
				21243	F48T12/GRO/VHO	6	GRO-LUX [®] 	10000	
				21252	F48T12/GRO/VHO/WS	6	GRO-LUX [®] Wide Spect. 	10000	
				25247	F48T12/WW/VHO	30	Warm White	10000	6700
				25251	FR48T12/350BL/VHO/180	30	Blacklight 180 Deg. Reflector	10000	
				25250	FR48T12/CW/VHO/135	30	Cool White, 135 Deg. Reflector ¹⁰²	10000	6300

(h) Recommended for use on one or two lamp high power factor, lead, 8-foot lamp, high output, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.

(i) X Measured in glass jacket at 77° F.

 This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

 **WE SUGGEST An Energy Saving Product.**

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Very High Output, Rapid Start Lamps (1500 ma) (No Starter Required) (continued)

Watts	Bulb	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			DCI 046135 UPC 46135	Syl. Item No.					
135	T-12	60"		25262	F60T12/CW/VHO	30	Cool White	10000	9000
160	T-12	72"		25272	F72T12/CW/VHO	15	Cool White	10000	10900
				25274	F72T12/CW/VHO/LT	15	Cool White, Low Temp. Performance rated at 35 Deg. F Ambient.	10000	11500
				25270	F72T12/D/VHO	15	Daylight	10000	9300
				25293	F72T12/GRO/VHO	15	GRO-LUX®	10000	
				25280	F72T12/GRO/VHO/WS	15	GRO-LUX® Wide Spect.	10000	
				25279	F72T12/N/VHO	15	Natural White	10000	8250
				25277	F72T12/WW/VHO	15	Warm White	10000	10500
				21275	FR72T12/CW/VHO/135	12	Cool White, 135 Deg. Reflector ¹⁰²	10000	10200
195	T-12	96"		25296	F96T12/CW/VHO/SS	15	Cool White ^{113,i} SuperSaver	10000	14000
				25297	F96T12/LW/VHO/SS	15	Lite White ^{113,i} SuperSaver	10000	14900
215	T-12	96"		25209	F96T12/CW/VHO	15	Cool White ¹¹³	10000	15000
				WE SUGGEST F96T12/CW/VHO/SS and F96T12/LW/VHO/SS, Energy Saving Products					
				25292	F96T12/CW/VHO/LT	15	Cool White, Low Temp. Performance rated at 35 Deg. F Ambient.	10000	15750
				25210	F96T12/D/VHO	15	Daylight ¹¹³	10000	12700
				25299	F96T12/GRO/VHO	15	GRO-LUX® ¹¹³	10000	
				25215	F96T12/GRO/VHO/WS	15	GRO-LUX® Wide Spect. ¹¹³	10000	
				25214	F96T12/W/VHO	15	White ¹¹³	10000	14000
				25211	F96T12/WW/VHO	15	Warm White ¹¹³	10000	14500
				21298	FR96T12/CW/VHO/135	12	Cool White, 135 Deg. Reflector ^{102,113}	10000	14500
				21387	FR96T12/CW/VHO/235/1	12	Cool White, 235 Deg. Reflector ^{103,113}	10000	12500
				21216	FR96T12/GRO/VHO235/WS1	12	GRO-LUX® Wide Spect. 235 Deg. Refl. ^{103,113}	10000	

Instant Start Bipin Lamps (No Starter Required)

40	T-12	48"	Med. Bipin	24571	F40T12/CW/IS	30	Cool White ⁶⁷	9000	3100
				24547	F40T12/WW/IS	24	Warm White ⁶⁷	9000	3150
	T-17	60"	Mog. Bipin	27056	F40T17/CW/IS	12	Cool White ⁶⁷	7500	2920

GRO-LUX® Lamps (Starter required only with items so marked)

8	T-5	12"	Min. Bipin	20827	F8T5/GRO	24	GRO-LUX Starter Required	7500	
14	T-8	15"	Med. Bipin	21496	F14T8/GRO	12	GRO-LUX Starter Required	7500	
15	T-8	18"	Med. Bipin	21655	F15T8/GRO	12	GRO-LUX Starter Required	7500	
				21733	F15T8/GRO/WS	12	GRO-LUX Wide Spect. Starter Required	7500	
30	T-8	36"	Med. Bipin	23159	F30T8/GRO	12	GRO-LUX Starter Required	7500	

WE SUGGEST An Energy Saving Product.

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(i) Recommended for use on 2-lamp high power factor, lead, 8-foot lamp, very high output, indoor ballasts that meet ANSI standards. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems.

Numbered Footnotes are listed on page 88.



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GRO-LUX® Lamps (Starter required only with items so marked) (continued)

Watts	Bulb	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			DCI 046135 UPC 46135	Syl. Item No.					
30	T-8	36"	Med. Bipin	20094	FC8T9/GRO/WS/RS	12	GRO-LUX Wide Spectrum, Circline ⌘	12000	
20	T-12	24"	Med. Bipin	22028	F20T12/GRO	12	GRO-LUX Starter Required ⌘	9000	
				22012	F20T12/GRO/WS	12	GRO-LUX Wide Spect. Starter Required ⌘	9000	
	T-12	24"	Med. Bipin	22324	F30T12/GRO/700	12	GRO-LUX Starter Required ⌘ ^a	7500	
40	T-12	48"	Med. Bipin	24655	F40GRO	12	GRO-LUX ⌘	20000	
				24672	F40GRO/WS	12	GRO-LUX Wide Spectrum ⌘	20000	
105	T-12	96"	Recessed D.C.	25167	F96T12/GRO/HO	15	GRO-LUX ⌘	12000	
				25163	F96T12/GRO/HO/WS	15	GRO-LUX Wide Spectrum ⌘	12000	
115	T-12	48"	Recessed D.C.	21243	F48T12/GRO/VHO	6	GRO-LUX ⌘	10000	
				21252	F48T12/GRO/VHO/WS	6	GRO-LUX Wide Spectrum ⌘	10000	
160	T-12	72"		25293	F72T12/GRO/VHO	15	GRO-LUX ⌘	10000	
				25280	F72T12/GRO/VHO/WS	15	GRO-LUX Wide Spectrum ⌘	10000	
215	T-12	96"	Recessed D.C.	25299	F96T12/GRO/VHO	15	GRO-LUX ⌘	10000	
				25215	F96T12/GRO/VHO/WS	15	GRO-LUX Wide Spectrum ⌘	10000	
				21216	FR96T12/GRO/VHO235/WS1	12	GRO-LUX Wide Spectrum 235 Deg. Refl. ⌘ ¹⁰³	10000	

Weather-Shielded Lamps

39	T-14½	48"	Single Pin	24876	FJ48T12/CW	12	Jacketed, Cool White	9000	2850
55	T-14½	72"	Single Pin	27254	FJ72T12/CW	8	Jacketed, Cool White	12000	4380
75	T-14½	96"	Single Pin	29691	FJ96T12/CW	8	Jacketed, Cool White	12000	6040
60	T-14½	48"	Recessed D.C.	21337	FJ48T12/CW/HO	12	Jacketed, Cool White	12000	3990
70	T-14½	60"	Recessed D.C.	21124	FJ60T12/CW/HO	8	Jacketed, Cool White	12000	5400
85	T-14½	72"	Recessed D.C.	21342	FJ72T12/CW/HO	8	Jacketed, Cool White	12000	6200
110	T-14½	96"	Recessed D.C.	21356	FJ96T12/CW/HO	8	Jacketed, Cool White	12000	8700
115	T-14½	48"	Recessed D.C.	21330	FJ48T12/CW/VHO/LT	12	Jacketed, Low Temp. Cool White	10000	6900
165	T-14½	74"	Recessed D.C.	21335	FJ72T12/CW/VHO/LT	8	Jacketed, Low Temp. Cool White	10000	11200
215	T-14½	96"	Recessed D.C.	21340	FJ96T12/CW/VHO/LT	8	Jacketed, Low Temp. Cool White	10000	15300

Aircraft Lamps

4	T-5	6"	Single Contact Ferrule	20500	FA4T5/CW/RS/5004	24	Aircraft – Cool White	4000	140
8	T-5	12"	Single Contact Ferrule	20550	FA8T5/CW/RS/5008	24	Aircraft – Cool White	6000	470
				20557	FA8T5/WW/RS/5008	24	Aircraft – Warm White	6000	470
13	T-5	21"	Single Contact Ferrule	20575	FA13T5/CW/RS/5013	24	Aircraft – Cool White	6000	940
				20577	FA13T5/WW/RS/5013	24	Aircraft – Warm White	6000	940

Special Appliance Lamps (Starter Required)

18	T-8	24"	Med. Bipin	23014	F18T8/CW/K/24	24	Cool White	7500	1175
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⌘ This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

(a) For operation in fixtures designed only for 24", 30 watt, T-12 Fluorescent Lamps.

Numbered Footnotes are listed on page 88.

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Special Appliance Lamps (Starter Required) (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			Syl. Item No.					
18	T-8	26"	Med. Bipin	23027	F18T8/CW/K/26	24	Cool White	1275
		28"	Med. Bipin	23028	F18T8/CW/K/28	24	Cool White	1350
		30"	Med. Bipin	23030	F18T8/CW/K/30	24	Cool White	1400
		26"	Med. Bipin	23032	F18T8/CWX/K/26	24	Cool White Deluxe	950

BL Blacklight Lamps (Starter Required)

These lamps are not intended and should not be used for diagnostic, therapeutic, or cosmetic purposes.

4	T-5	6"	Min. Bipin	20414	F4T5/350BL	24	Blacklight, Starter Required	6000
6	T-5	9"	Min. Bipin	20633	F6T5/350BL	24	Blacklight, Starter Required	7500
8	T-5	12"	Min. Bipin	20833	F8T5/350BL	24	Blacklight, Starter Required	7500
12	T-8	12"	Med. Bipin	21709	F12T8/350BL/PH	24	Blacklight, Starter Required	7500
15	T-8	18"	Med. Bipin	21623	F15T8/350BL	24	Blacklight, Starter Required	7500
20	T-12	24"	Med. Bipin	22113	F20T12/350BL	24	Blacklight, Starter Required	9000
22	T-12	15"	Med. Bipin	21445	F15T12/350BL/500/PH	30	Blacklight, Starter Required	
25	T-8	18"	Med. Bipin	21703	F25T8/350BL/18"	24	Blacklight, Starter Required	
30	T-8	36"	Med. Bipin	23113	F30T8/350BL	24	Blacklight, Starter Required	7500
32	T-12	18"	Med. Bipin	21525	F18T12/350BL/700/PH	30	Blacklight, Starter Required	

BL Blacklight, Rapid Start Lamps (No Starter Required)

These lamps are not intended and should not be used for diagnostic, therapeutic, or cosmetic purposes.

22	T-9	8"	4-Pin	20085	FC8T9/350BL/RS	12	Blacklight Circline	12000
40	T-12	48"	Med. Bipin	24922	F40/350BL	30	Blacklight	20000

Blacklight Blue Lamps (Starter Required)

These lamps are not intended and should not be used for diagnostic, therapeutic, or cosmetic purposes.

4	T-5	6"	Min. Bipin	20425	F4T5/BLB	24	Blacklight Blue, Starter Required	6000
6	T-5	9"	Min. Bipin	20625	F6T5/BLB	24	Blacklight Blue, Starter Required	7500
8	T-5	12"	Min. Bipin	20825	F8T5/BLB	24	Blacklight Blue, Starter Required	7500
15	T-8	18"	Med. Bipin	21625	F15T8/BLB	6	Blacklight Blue, Starter Required	7500
20	T-12	24"	Med. Bipin	22114	F20T12/BLB	6	Blacklight Blue, Starter Required	9000
30	T-8	36"	Med. Bipin	23129	F30T8/BLB	6	Blacklight Blue, Starter Required	7500

Blacklight Blue Lamps, Rapid Start (No Starter Required)

These lamps are not intended and should not be used for diagnostic, therapeutic, or cosmetic purposes.

40	T-12	48"	Med. Bipin	24926	F40BLB 10PK	10	Blacklight Blue	20000
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Super Diazo Blue Lamps

65	T-12	48"	Bipin	24465	F40T12/SDB/65W	30	Diazo, Preheat	
160	T-12	59.8"	Bipin	21269	F59.8/SDB/VHO/LT	24	Diazo	
165	T-17	54"	Mogul Bipin	21204	F54T17/SDB/VHO/SDB/14/LT	12	Diazo	

T-5
BIPINT-8
BIPIN

The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Germicidal Lamps (Starter Required)

				VENDOR ID NO. DCI 046135 UPC 46135		Std. Case Qty.		Avg. Rated Hours Life	Approx. Initial Lumens(64)
Watts	Bulb	Base		Syl. Item No.	Lamp Ordering Abbreviation		Description		
8	T-5	12"	Min. Bipin	20811	G8T5	24	Germicidal	6000	
15	T-8	18"	Med. Bipin	21612	G15T8	24	Germicidal	7500	
30	T-8	36"	Med. Bipin	23112	G30T8	24	Germicidal	7500	

FLUORESCENT LAMP, COACHLINE, SLIMLINE (Instant Start)(No Starter Required)

22402	F24T12/CW/CL	24
24820	F48T12/CW/CL	30
27269	F72T12/CW/CL	15

FLUORESCENT LAMP STARTERS (With Mylar Condensers)

Glostat® Starters

42812	FS-2	100	For Use With 14, 15, & 20 Watt Lamps
42900	FS-2/BL	100	For Use With 14, 15, & 20 Watt Lamps
44812	FS-4	100	For Use With 13, 30 & 40 Watt Lamps
44900	FS-4/BL	100	For Use With 13, 30 & 40 Watt Lamps
45812	FS-5	100	For Use With 4, 6, & 8 Watt Lamps
43812	FS-12	100	For Use With 32 Watt Circline Lamps
42512	FS-25	100	For Use With 22W Circline, 25W Std. Lp.
46810	FS-85 (FS-6)	50	For Use With 90 & 100 Watt Lamps
46814	FS-85-4 (FS-64)	50	For Use With 90 & 100 Watt Lamps (4-Pin Type)
42813	FS-GRO	100	For Use With GL-1302 Gro-Lux® Fixture

COP

42302	FS-20 (COP-20)	100	For Use With 15 & 20 Watt Lamps
43302	FS-30 (COP-30)	100	For Use With 30 Watt Lamps
44102	FS-40/400 (COP-40/400)	100	For Use With 40 Watt Lamps
46312	FS-852 (COP-6)	50	For Use With 90 & 100 Watt Lamps
46316	FS-850 (COP-64)	50	For Use With 90 & 100 Watt Lamps (4-Pin Type)

Automatic Reset-Robot COP

44650	FS-20A (FS-2NA)	100	For Use With 20 Watt Lamps
44552	FS-40/400A (FS-4NA)	100	For Use With 40 Watt Lamps
46512	FS-85NA (FS-6NA)	50	For Use With 90 & 100 Watt Lamps
46516	FS-85NA4 (FS-64NA)	50	For Use With 90 & 100 Watt Lamps (4-Pin Type)

Twin Tube Adapter Compact Lamps

29060	A579	10	Adapter for Compact Fluorescent lamp. Will operate the 5, 7, or 9 Watt Twin Tube or the 9 Watt Double Twin Tube lamp with a G-23 Base. Screws into medium base 12 volt incandescent socket.
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The light and life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballasts meeting A.N.S.I. specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.

Twin Tube Adapter Compact Lamps (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
			Syl. Item No.					
			29061	A579/7TT	10	Retrofit kit contains one A579 base Adapter and one F7TT/27K lamp. Screws into a medium base 12 volt incandescent socket.		
			29068	A013	10	Adapter for compact fluorescent lamp. Will operate the 13 watt twin tube or 13 watt Double Twin Tube lamp having a GX-23 base. Screws into medium base 120V. incandescent socket.		
			29069	A013/13DTT	10	Retrofit kit contains one A013 base Adapter and one F13DTT/27K lamp. Screws into a medium base 120V. incandescent socket.		

FIXTURES

SUN STICK® Fixture

	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Std. Case Qty.	Description	Avg. Rated Hours Life	Approx. Initial Lumens(64)
	29044	FSS20/DW/FIX	6	Sun Stick Fixture complete with one 20 Watt Decorator White Fluorescent Lamp	7500	780
	29019	FSS20/DW/FIX/TRI	12	Sun Stick Fixture complete with one 20 Watt Decorator White Fluorescent Lamp (Triangle Mail Order Pack)	7500	780
	29046	FSS20/GRO/FIX	6	Sun Stick Fixture complete with one 20 Watt GRO-LUX® Fluorescent Lamp	7500	

FLUORESCENT CONVERSION KIT

	29042	FC8T9/D30/H	12	Screws into Incandescent Socket, 22 Watt unit nearly equals light from 75 Watt Incandescent. With interior design Color Brite® Designer 3000K Fluorescent	12000	1150
	29033	FC800TP/WW	6	Screws into Incandescent Socket, 22 Watt unit provides more light than a 60 Watt Incandescent. Unit has thermally protected ballast. With Warm White Lamp.	12000	1080

111 This fluorescent lamp generates radiant energy which is most beneficial for plant propagation and enhances vegetative and reproductive growth of many plants for home and commercial use.

Numbered Footnotes are listed on page 88.

Footnotes

INCANDESCENT

- (1) Indefinite long life. Designed for life in excess of 10,000 hours. In service life depends upon burning conditions.
- (3) Average laboratory life is 200 hours for vacuum cleaner and 600 hours for sewing machine services.
- (4) Not recommended for general lighting.
- (6) Lightly inside frosted and side aluminized; M.O.L. exclusive of spring contact.
- (7) M.O.L. figure shown is an average overall length.
- (12) For diesel electric locomotives without voltage regulators.
- (15) Maximum contact to contact tolerance on RSC Base = $\frac{1}{16}$ ".
- (16A) Unbased with 6" stranded nickel uninsulated wire. Leads not included in M.O.L.
- (16D) Cylindrical ceramic base with 6" axial insulated leads and $\frac{3}{16}$ " female connector. Leads not included in M.O.L.
- (16E) Tubular ceramic base with 2½" insulated lead and ¼" male spade terminal. Leads not included in M.O.L.
- (16F) Cylindrical ceramic base with 6" axial nickel stranded lead wire.
- (18) When operated for extended burning periods, burn only in porcelain socket.
- (19) May not give satisfactory performance if any accessory lighting equipment touches the glass bulb.
- (20) When calculations are based on bare lamp lumens, do not use this lumen rating.
- (21) Lumens nominal — 1000.
- (22) Burn any position except within 45° of base up.
- (25) Burn in any position but lumens will be better maintained if burned vertically.
- (26) Average laboratory life in excess of 5000 hours.
- (29) For use only with heat-resisting connector and with bulb supported by bulb rim or metal shell of base.
- (32) Should not be used in equipment where base temperature will exceed 500°F.
- (33) High temperature base. Designed to operate in equipment where base temperature runs between 500°F — 570°F.
- (34) Lumens nominal — 2500.
- (36) Designed for service other than illumination.
- (38) Designed volts — 115.
- (39) Lumens nominal — 4000.
- (40) 2¾" inch circular window.
- (41) Burn only in porcelain sockets.
- (42) Designed to operate in open air.
- (43) Light output is maintained best when burned within 45° of vertical base up.
- (44) Should be shielded against moisture falling on bulb.
- (45) Lumens nominal — 6000.
- (46) Not recommended for use in enclosed close-fitting housings.
- (47) Lumens nominal — 10,000.
- (49) Lumens nominal — 15,000.
- (50) Recommended burning position any within 60° of vertically base up or base down.
- (51) Use separate filter for blacklight.
- (55) Ballast Watts not included (approximately 10% of lamp watts).
- (56) For use only in fixtures designed specifically for dichroic Reflector Lamps.
- (61) Burn within 25° of vertical base up.
- (72) Designed volts — 240.
- (83) These lamps are appropriate for use under conditions where replacement is different and costly. The extended life of these

lamps can only be achieved by reducing the efficiency and luminous output. For the majority of applications, lighting is most economically achieved through the use of standard lamps.

- (89) Life dependent on service conditions.
- (91) Burning position 45° base down to horizontal.
- (96) Minimum run. Check nearest Sylvania Sales Office for details.
- (98) Use only in fixtures designed to adequately dissipate heat from Lamp.
- (99) 3" Circular window.
- (101) Operation of Lamp in any position other than base up may result in some loss of protective coating.
- (106) When used in public places, i.e. church, auditorium, etc., a protective shield should be used external to the lamp.
- (107) This lamp should not be used in a location where water may be splashed on it.
- (109) In base up operation, heat may eventually deteriorate paper-lined or plastic sockets.
- (111) L.C.L. and axial alignment tolerance $\pm 1/64$ ".
- (116) See engineering bulletin 0-358 for candle power distribution curves.

INCANDESCENT QUARTZ

- (16) Metal sleeve with approximately 6" flexible uninsulated leads. Leads not included in maximum overall length.
- (17) High temperature base. Retards seal deterioration where seal temperature exceeds 650°F.
- (29) For use only with heat-resisting connector and with bulb supported by bulb rim or metal shell of base.
- (44) Should be shielded against moisture falling on bulb.
- (71) For use where seal temperature does not exceed 650°F.
- (72) Designed volts — 240.
- (73) Life at rated voltage and at 650°F. maximum seal temperature.
- (74) Usually limited to intermittent burning.
- (93) Minimum bulb wall temperature 480°F.
- (95) Lamp internally fused.
- (106) When used in public places, i.e. church, auditorium, etc., a protective shield should be used external to the lamp.
- (110) 2½" braided lead w/lug.
- (115) Metal sleeve w/1¼" - 1½" flexible leads. Leads not included in M.O.L.

FLUORESCENT

- (62) May be operated at 100 watts (1000MA) same as F100T12/CW/HO.
- (64) Approximate initial lumens after 100 hours burning.
- (66) Ratings for Sylvania Circline lamps are based on operation in Rapid Start circuits. They will operate satisfactorily and attain rated performance in preheat circuits.
- (67) For operation on instant start circuits — special Sylcote treatment facilitates operation under all humidity conditions. Use only in fixtures equipped with Instant Start Ballasts.
- (68) 40W Rapid Start Lamps may be used in starter operated fixtures designed for 40W preheat lamps. Life rating for preheat service is approximately 15,000 hours average.
- (102) When base pins or R.D.C. bases are horizontal, window opening is centered downward or upward.
- (103) When base pins or R.D.C. bases are horizontal, window opening is centered to either side.
- (112) Average life rating at 12 hours burning per start is 18,500 hours.
- (113) Average life rating at 12 hours burning per start is 18,000 hours.
- (114) Average life rating at 12 hours burning per start is 28,800 hours.

SYLVANIA LAMPS

Best
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Sales Offices and Distribution Centers

Location

Sales Offices

(To obtain sales and technical information)

Distribution Centers

(To order lamps and to obtain shipping information) warehouse stocks maintained in these locations

	*TELEFAX		ZIP CODE		ZIP CODE	
Atlanta, Ga.	2115 Sylvan Rd., S.W. 404-762-1781	404-761-1781*	30344	2115 Sylvan Rd., S.W. 404-762-1781		30344
Boston, Mass.	60 Boston Street, Salem, MA 508-777-1900-X3673	508-777-1900-X3528*	01970	105 Andover Street, P.O. Box 377, Danvers, MA 508-777-1900-X2866		01923
Buffalo, N.Y.	25 Dewberry Lane, Gardenville Ind. Park 716-668-7559	716-668-8171*	14224	25 Dewberry Lane, Gardenville Ind. Park 716-668-7555		14224
Charlotte, N.C.	3811 North Davidson St., P.O. Box 5246 704-334-4671	704-331-9862*	28225	3811 North Davidson St., P.O. Box 5246 704-334-4671		28225
Chicago, Ill. (Elk Grove Village)	800 Devon Ave., Elk Grove Village, Illinois 312-593-3400	312-952-1228*	60007	800 Devon Ave., Elk Grove Village, Illinois 312-593-3400		60007
Cincinnati, Ohio	5480 Creek Road 513-793-6440	513-793-1522*	45242	5480 Creek Road 513-793-6440		45242
Cleveland, Ohio	4848 West 130th Street 216-267-6800	216-267-9791*	44135	4848 West 130th Street 216-267-6800		44135
Dallas, Texas (Carrollton)	2040 McKenzie Dr., P.O. Box 5018, Carrollton, TX 214-247-7800	214-247-4364*	75011-5018	2040 McKenzie Dr., P.O. Box 5108, Carrollton, TX 214-247-7800		75011-5018
Denver, Colorado	4675 Holly Street 303-339-1760	303-320-0613*	80216	4675 Holly Street (P.O. Box 5380) 303-399-1760		80217
Detroit, Michigan (Dearborn)	10800 Ford Road, Dearborn, MI 313-582-8754	313-581-5422*	48126	10800 Ford Road, Dearborn, MI 313-582-8754		48126-3391
Hartford, Conn.	100 Constitution Plaza 203-249-5823		06103	105 Andover Street, P.O. Box 377, Danvers, MA 617-777-1900		01923
Honolulu, Hawaii	770 Kapiolani Blvd., Suite 513 808-536-5267		96813	1811 Adrian Road, Burlingame, Calif. 415-697-3500		94010
Houston, Texas	1440 Greengrass Dr. 713-869-8671	713-869-4574*	77008	1440 Greengrass Dr. 713-869-8671		77008
Kansas City, Kansas	450 Funston Road 913-371-3773	913-371-2353*	66115	450 Funston Road 913-371-3773		66115
Los Angeles, Calif.	6505 East Gayhart Street, P.O. Box 2795 213-726-1666	213-726-1954*	90051	6505 East Gayhart Street 213-726-1666		90040
Minneapolis, Minn. (Fridley)	5330 Industrial Blvd. N.E., Fridley, Minn. 612-571-9400	612-571-5233*	55421	5330 Industrial Blvd. N.E., Fridley, Minn. 612-571-9400		55421
New Orleans, Louisiana	5510 Jefferson Highway 504-733-6970	504-734-9221*	70183	5510 Jefferson Highway (P.O. Box 23399) 504-733-6970		70183
New York, New York	237 Park Avenue, 9th Floor 212-503-1010	212-972-7371*	10017	1000 Huyler Street, Teterboro, N.J. 212-244-8820		07608
Orlando, Florida	7492 Chancellor Drive, P.O. Box 13327A 407-859-6220	407-857-6562*	32859	7492 Chancellor Drive, P.O. Box 13327A 305-859-6220		32859
Philadelphia, Penn. (Devon)	465 Devon Park Drive, P.O. Box 500, Devon, PA 215-293-9330	215-687-1440*	19333	465 Devon Park Drive, P.O. Box 500, Devon, PA 215-293-9330		19333
Pittsburgh, Penn.	450 Butler Street, P.O. Box 9544 412-781-4533	412-781-9366*	15223	450 Butler Street, P.O. Box 9544 412-781-4533		15223
St. Louis, Missouri (Hazelwood)	5656 Campus Parkway, Hazelwood, MO 314-731-5515	314-731-3334*	63042	5656 Campus Parkway, Hazelwood, MO 314-731-5515		63042
San Francisco, Calif. (Burlingame)	1811 Adrian Road, Burlingame, Calif. 415-697-3500	415-697-7740*	94010	1811 Adrian Road, Burlingame, Calif. 415-697-3500		94010
Seattle, Washington	750 So. Michigan Street 206-763-2660	206-762-3986*	98108	750 So. Michigan Street 206-763-2660		98108
Teterboro, New Jersey	1000 Huyler Street 201-288-9484	201-288-5605*	07608	1000 Huyler Street 201-288-9484		07608
Washington, D.C. (Springfield, VA)	6610 Electronics Drive, Springfield, VA 703-354-3100	703-642-5834*	22151	6610 Electronics Drive, Springfield, VA 703-354-3100		22151

GTE Products Corporation
Sylvania Lighting Center
Danvers, Massachusetts 01923

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