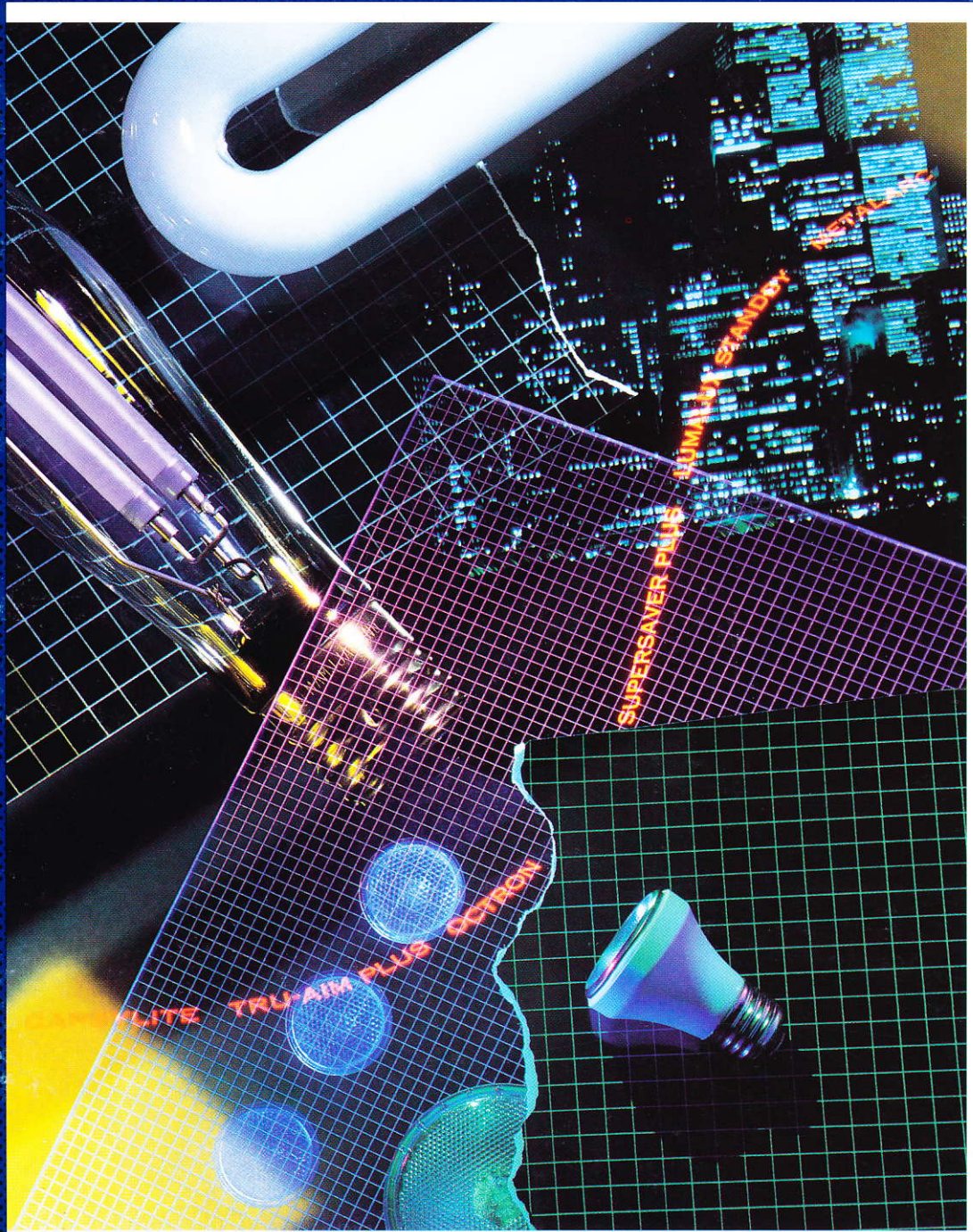


SYLVANIA

Large Lamp Catalog



Light. Made Right.

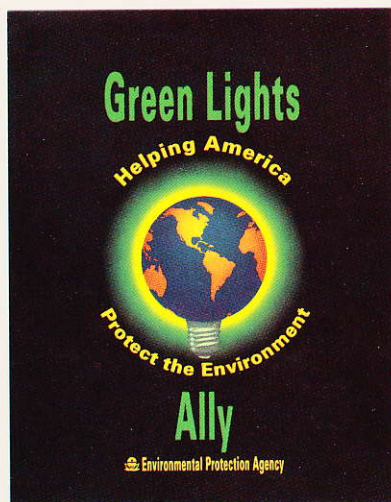
"Light. Made Right.™" is our commitment to you.

It encompasses the philosophy that has made Sylvania Lighting an industry leader in providing not only innovative, value-added, energy-saving lighting products, but also the support and information you need to make the most effective lighting decisions.

Technologically superior product innovations have set Sylvania apart. Our extensive range of products can meet almost every lighting need, and we're committed to continually improving and developing new products. For example, we have consistently led the industry in the development of energy-saving lamps without sacrificing light output, color rendering ability, or lamp life.

With our comprehensive range of training programs and education materials, like *Techniques for Better*

Lighting, we strengthen your ability to select the best lighting options for your specific needs.



As one of the first companies to join as an "ally" in the Environmental Protection Agency's "Green Lights" program, Sylvania Lighting has been spearheading preservation of the earth's precious resources through energy-saving products and recycled packaging that reduce reliance on fossil-fuel fired electricity.

With Sylvania Lighting, you'll always be assured of "Light. Made Right."

TRAINING AND CUSTOMER SUPPORT ARE
AS CRITICAL FOR SUCCESS IN TODAY'S CHALLENGING MARKETPLACE AS
INNOVATIVE, VALUE-ADDED, ENERGY-SAVING LIGHTING PRODUCTS.

SYLVANIA LIGHTING
LEADS THE INDUSTRY
IN THE NUMBER OF
FIELD TRAINING OPPOR-
TUNITIES OFFERED.

Sylvania Lighting's comprehensive program of training, support, and educational tools is unrivaled in the industry.

From the Lightmobile™, our "Mobile Education Center," to the wide range of training programs and application materials, Sylvania Lighting is committed to helping you maximize your lighting investment.

A critical aspect of Sylvania Lighting's leadership has always been its role in pioneering training

programs. The Sylvania Education and Training Centers, located in Danvers, Massachusetts and Westfield, Indiana, are state-of-the-art facilities featuring the latest in lighting demonstration and computerized audio-visual capabilities.

We were the first to bring you training where you need it most — in the field. Sylvania Lighting leads the industry in the number of field training opportunities offered.

To further assist you, we offer innovative tools such as SYLVIA®/pc, the most comprehensive lighting analysis software available, and "You Be the Judge™" demonstration equipment. Through our Westfield Customer Service Center, you gain access to the entire Sylvania Lighting network with just one toll-free phone call.

Of course, these examples are only the beginning. Whatever you need to make the best lighting decision, you can bet that Sylvania Lighting offers it.



Incandescent Lighting

SYLVANIA LIGHTING'S COMPLETE LINE OF INCANDESCENT LIGHTING PRODUCTS PROVIDES THE FLEXIBILITY NECESSARY TO MEET A BROAD SPECTRUM OF LIGHTING NEEDS.

Incandescent lighting has reached new dimensions at Sylvania Lighting.

Such innovations as the "lamp-within-a-lamp" tungsten halogen capsule technology have made Sylvania Lighting the recognized industry leader in lighting technology.

For example, our state-of-the-art Sylvania Capsylite® PAR Lamps that set new standards for light output and low energy consumption offer dramatic savings in lighting costs. The long 3500-hour rated life of our exclusive Midbreak line adds to the benefits.

Lighting can change the mood of a room, enhance visibility for

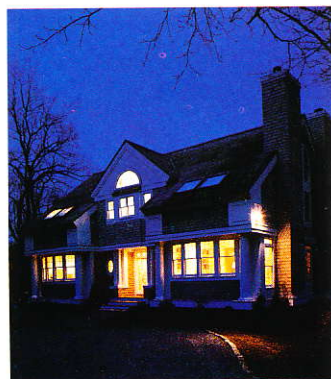


tasks, or increase safety. From three-way bulbs to spots, floods, accent, decor, and standard A-lines, Sylvania Lighting's broad array of incandescent lamps provides flexibility as well as added value. Use a variety of our incandescent products together in an area to add functionality to atmosphere.

Choose lamps that are perfect for space-saving fixtures or for achieving superior beam control without sacrificing light quality, long life, or energy savings.

Together our incandescent family of lighting products provides more of what people are looking for today.

CREATE A MOOD, ACCENT
ARTWORK, HIGHLIGHT
A DISPLAY, OR PROVIDE
CORRECT LIGHTING FOR
READING. WHATEVER
THE PURPOSE, SYLVANIA
LIGHTING'S INCANDESCENT
LAMPS GIVE YOU
THAT AND MORE.





SUCH INNOVATIONS AS THE "LAMP-WITHIN-A-LAMP" TUNGSTEN HALOGEN CAPSULE TECHNOLOGY
HAVE MADE SYLVANIA LIGHTING THE RECOGNIZED INDUSTRY LEADER IN LIGHTING TECHNOLOGY.



TECHNOLOGICAL DEVELOPMENTS HAVE EXPANDED HID USAGE TO INDOOR APPLICATIONS
THAT WERE PREVIOUSLY LIMITED TO INCANDESCENT AND TUNGSTEN HALOGEN LAMPS.

High Intensity Discharge Lighting

FROM PARKING LOTS AND OUTDOOR ILLUMINATION
TO COMMERCIAL INTERIORS, SYLVANIA LIGHTING'S HID LIGHTING OPTIONS
OFFER LOW OPERATING COSTS, HIGH LIGHT OUTPUT, AND LONG LIFE.

SYLVANIA LIGHTING'S
NEWEST DEVELOPMENTS IN
HIGH INTENSITY DISCHARGE
(HID) LAMPS MAKE THEM
AN INCREASINGLY ATTRAC-
TIVE OPTION FOR A
DIVERSE RANGE OF HIGH
EFFICIENCY LIGHTING
APPLICATIONS, INCLUDING
THOSE THAT REQUIRE
COMPACT FIXTURES.

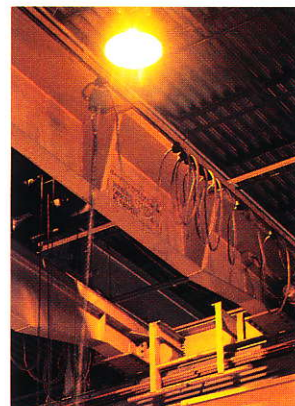
High efficiency
and long life characterize Sylvania
Lighting's HID lamps. Widely
used for indoor and outdoor light-
ing, HID lamps' high light output
makes them popular for many
applications, including safety
and security lighting in garages
and parking lots, as well as
general lighting.

And, Sylvania Lighting is
creating new options for HID
applications all the time. Energy
saving Sylvania Metalarc® PRO-
TECH™ Lamps are the first low-
wattage metal halide lamps suitable
for use in open-bottom lighting
fixtures. With a rated life ten to
thirteen times longer than incan-
descent lamps, Metalarc PRO-
TECH™ Lamps make an excellent
source for downlighting.

Improved CRI of Standard low
wattage Metalarc® Lamps also
expand HID usage to indoor
applications that were previously
limited to incandescent and
tungsten halogen lamps.

Sylvania Lumalux® Lamps pro-
vide up to 145 lumens per watt,
maintaining 90 percent of initial
lumen output over their long
24,000 hour life. With benefits
like these, Sylvania Lighting's HID
lamps save lamp replacement costs
while ensuring high efficiency.

Sylvania Lighting is setting the
pace in HID innovations.



Fluorescent Lighting

WITH INNOVATIONS IN SIZE, COLOR RENDERING CAPABILITIES, AND ENERGY EFFICIENCY, SYLVANIA LIGHTING HAS CREATED FLUORESCENT LAMPS FOR A BROADER RANGE OF LIGHTING APPLICATIONS.

Sylvania Lighting has continually made significant strides in fluorescent lighting technology and has long been known as the choice for energy savings.

With the introduction of Sylvania Octron® Lamps, we brought energy savings to an unprecedented level. The Octron system is recognized as one of the most efficient fluorescent lighting systems on the market today.

By developing the dual-coat phosphor technology, Sylvania Lighting paved the way for combining substantial energy savings with high light output and high color rendering ability, all in a single fluorescent lamp.

Sylvania Lighting's introduction of the FE18 electronic compact



fluorescent lamp solidified its role as a premier fluorescent lighting manufacturer. The compact fluorescent is revolutionizing commercial and home lighting options by providing the energy savings and long life of traditional fluorescent lamps combined with all the benefits of incandescent lamps – bright, glare-free, soft white light. And no adapter is needed – the lamp fits into standard household sockets.

From Octron Curvalume® Lamps to Designer® Series Fluorescents, Sylvania Lighting offers a full spectrum of value-added, energy-saving fluorescent lighting options for any combination of lighting application and need.

WHETHER YOU NEED
COMPACT LAMPS FOR
ACCENT OR DOWN-
LIGHTING OR ENERGY
SAVINGS FOR GENERAL
LIGHTING, SYLVANIA
LIGHTING'S FLUORESCENT
LAMPS OFFER YOU
EXCELLENT COLOR
RENDERING CHOICES.





SYLVANIA LIGHTING'S OCTRON SYSTEM IS RECOGNIZED AS ONE OF THE
MOST EFFICIENT FLUORESCENT LIGHTING SYSTEMS ON THE MARKET TODAY.

Lighting Considerations

WHETHER YOU ARE SELECTING A NEW LIGHTING SYSTEM, RENOVATING, OR CHANGING LAMPS, UNDERSTANDING LIGHT AND COLOR RELATIONSHIPS WILL HELP YOU MAKE THE BEST CHOICE.

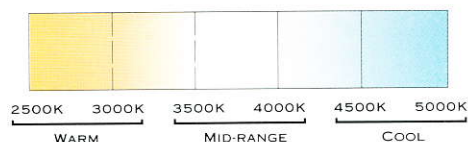
Many factors affect the color appearance of an object including the finishes used on walls, floors, and furnishings; the intensity level of the lighting; the presence of daylight in the room, and room decor. All factors should be considered in selecting the light source. If colors such as red and brown predominate, a "warm" light source (color temperature below 3200 Kelvin) would be the best choice. Conversely, if blues and violets predominate, "cool" lamps (color temperature above 4000 Kelvin) should be used. For areas with mixed cool and warm colors, or where neutral colors such as gray predominate, an intermediate color temperature source (3400 to 3600 Kelvin) should be considered.

Color Temperature

The color appearance of a lamp is known as "color temperature." Color temperature describes how the lamp itself appears when illuminated. It is the first consideration in lamp color selection. Color temperature is measured in Kelvins ranging from 9000K (which appears blue) down to 1500K (which appears orange-red). Light sources lie somewhere between the two, with those of higher color temperature – 4000K or more – being "cool," and those of lower

color temperature – 3200K or less – being "warm." Certain fluorescent lamps are intermediate types, lying somewhere between "cool" and "warm."

Suggested Color Temperature Range



Color Rendering Index

The color appearance of an object when illuminated is known as "Color Rendering Index." Color rendition describes the effect of a light source on the appearance of colored objects. The color rendering capability of a lamp is measured as the Color Rendering Index (CRI). In general, the lower the CRI, the greater the distortion of

Suggested CRI Scale



the object's color. The scale used ranges from 0 to 100. A CRI of 100 indicates there is no color shift on the object as compared to a reference source, and the lower the CRI, the more pronounced the shift may be. CRI values should only be compared between lamps of similar color temperatures.



4100K COOL
COLOR TEMPERATURE



3000K WARM
COLOR TEMPERATURE



LOW COLOR RENDERING INDEX—
COLORS APPEAR DISTORTED



HIGH COLOR RENDERING
INDEX – COLORS APPEAR NATURAL

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All lamps manufactured in the U.S.A. by Sylvania conform to relevant ANSI, IES and Federal specifications.

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.

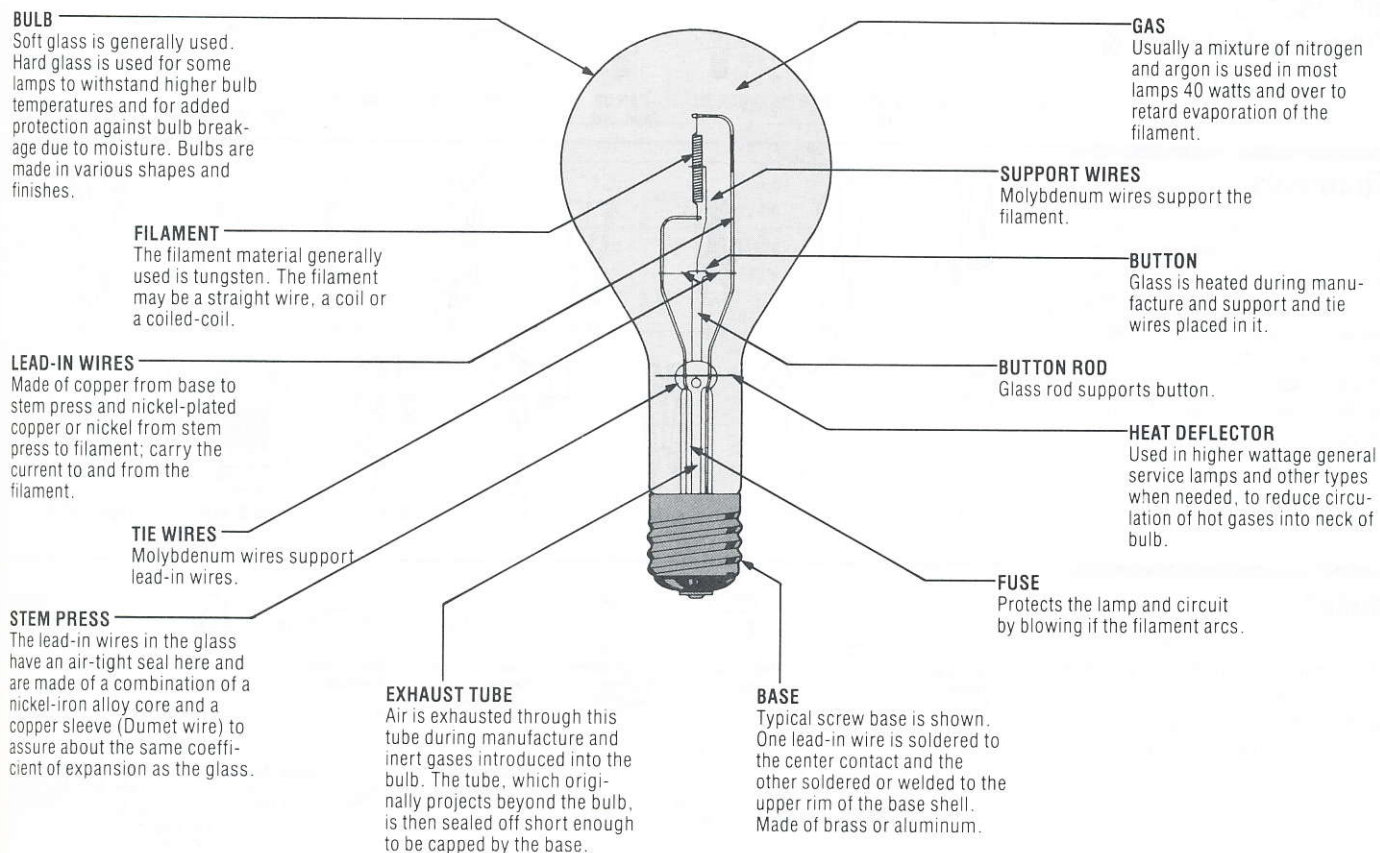
- **ROI Analysis** — Your lighting represents an important investment. This SYLVIA Program will tell you the annual Return On Investment (as a percentage) that Sylvania energy-saving lamps will give you based on their additional cost.

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.

Notes

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)

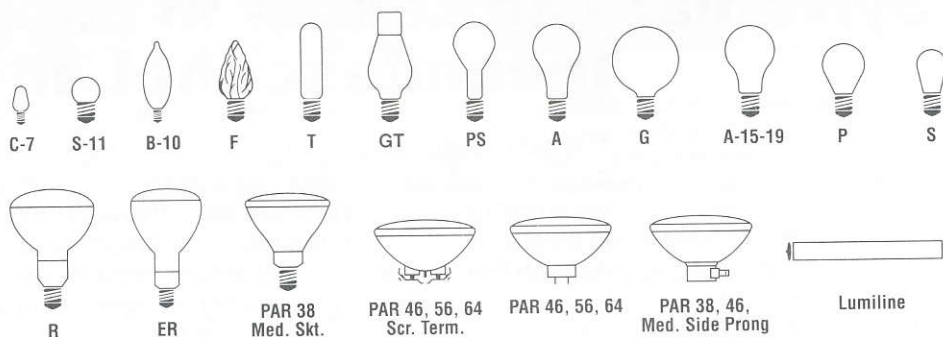


How to Read Ordering Guide

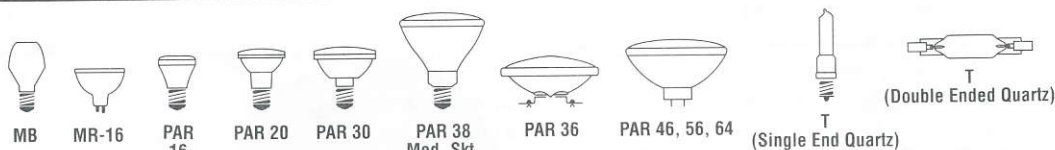
How to Read Ordering Guide											
	Ordering Abbreviation			Volts	Indicates aluminum base	Filament Code	Approx. Lumens	(M.O.L.) Max. Overall Length			
25	A-15	Med.	10125	25A15	115-125	120 • Inside Frosted, Refrig.	B, C-9	1100	250	2 ³ / ₈	3 ¹ / ₂
	A-17	Med.	10417	25A17/RS	75	120 I.F. Train, Rough Service	B, C-9	1000	228	2 ³ / ₈	3 ⁵ / ₈
	A-19	Med.	10443	25A	6	120 Inside Frosted	C, C-6	1000	357	2 ¹ / ₂	3 ¹⁵ / ₁₆
Watts	Bulb	Base		25A17/RS	Package Quantity	Description	Footnotes	Average Rated Hours Life		(L.C.L.) Light Center Length	
				25 — Lamp Nominal Wattage A — A shape 17 — 1 ⁷ / ₈ = 2 ¹ / ₈ " Diameter RS — Rough Service			Class C - denotes gas filled bulb. Class B - denotes vacuum lamp.				
				One NAED code # for each lamp							

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.

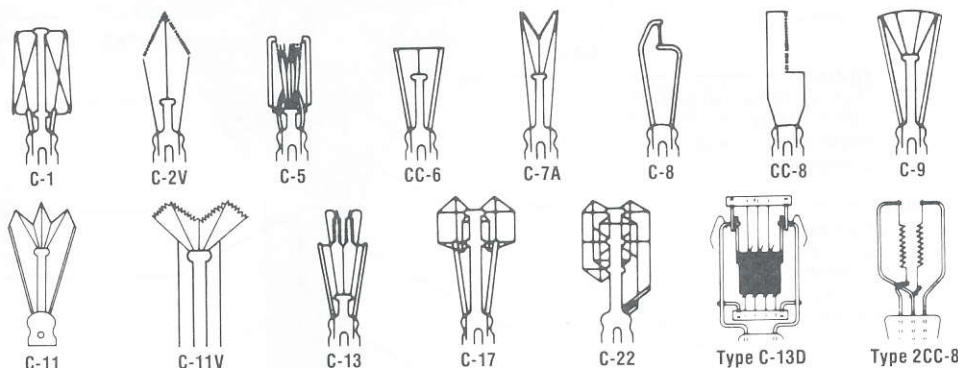


Incandescent Tungsten Halogen & Quartz Lamps



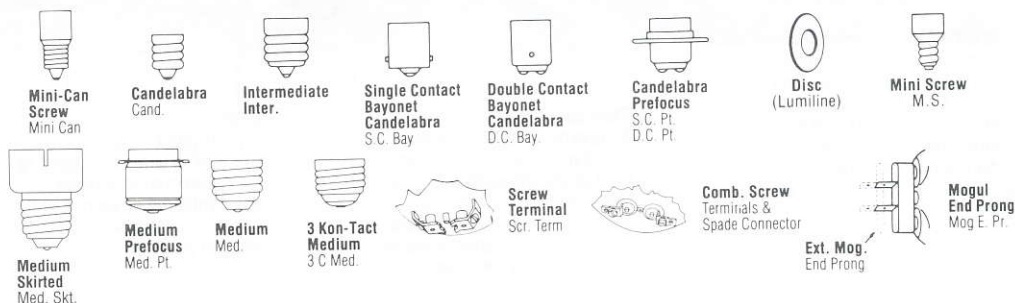
Filaments

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)

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

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

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

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

Finishes

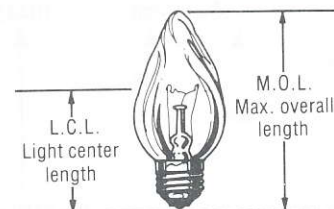
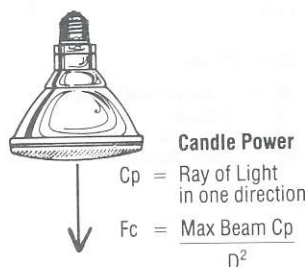
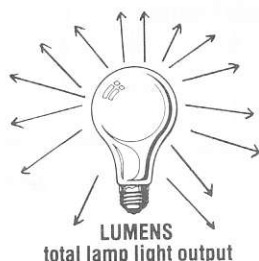
W - white
Y - yellow
B - blue
R - red
G - green
A - amber
IC - iridescent clear
FL - flood
SP - spot
IF - inside frost
BL - blister
AIC - amber iridescent clear
SPK - soft pink

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.

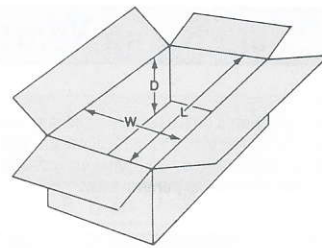


Weights & Measures of Popular Incandescent Types

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	.80	.140	6.40 x 4.40 x 9.80
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	1.37	.60	9.00 x 6.25 x 4.88
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
18917	50MB/CAP	120	20	4/10's	6.25	.350	10.25 x 4.35 x 12.62
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
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	8.30	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	61	ESP	58742	150Q/CL/DC/1	120	58	EYP	58776	42MR16/Q/FL	12	61
DNS/FMC	54655	500T6	120	60	ESR	58755	100Q/CL/DC	120	58	EYR	58780	42MR16/Q/NSP	12	61
DNT/FMD	54658	750T7	120	60	ESS	58720	250Q/CL/DC	120	58	EYS	58778	42MR16/Q/SP	12	61
DNV/FME	54657	1MT7	120	60	ESX	58784	20MR16/Q/NSP	12	61	EYT	58769	750Q/CL	120	59
DNW	17932	500T20/64	120	45	ETB	58753	250Q/DC	120	58	EYV	58768	500Q	130	58
DWT	58937	1000T60/CL	120	59	ETC	58741	150Q/CL/DC	120	58	EYW	58756	500Q/CL	130	58
EHM	58923	300/T3.15Q/CL	120	59	ETD	58757	100Q/DC	120	58	EYX	58767	500Q	120	58
EHP	58942	300T4Q/CL	120	59	ETF	58737	150Q/DC	120	58	EZX	58845	20MR16/Q/VNSP	12	61
EHR	58936	400T4Q/CL	120	59	ETG	58735	150Q/CL/2	120	58	EZY	58847	42MR16/Q/VNSP	12	61
EHT	58762	250Q/CL	120	58	ETH	58736	150Q	120	58	FCL	58856	500T3Q/CL	120	59
ESL	58738	150Q/CL	120	58	EVR	58766	500Q/CL	120	58	FCZ	58883	500T3Q	120	59
ESM	58763	250Q	120	58	EXN	58823	50MR16/Q/FL	12	61	FPA	58836	65MR16/Q/NSP	12	61
ESN	58761	100Q/CL	120	58	EXT	58828	50MR16/Q/NSP	12	61	FPB	58840	65MR16/Q/FL	12	61
					EXZ	58830	50MR16/Q/NFL	12	61	FPC	58853	65MR16/Q/NFL	12	61

Incandescent Brand Name Guide


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.

INCANDESCENT		
SYLVANIA	GE	PHILIPS
Bug-lite	Bug-Lite	Bug-A-Way
Capsylite® Par	Performance Plus™	Masterline™ Par
Capsylite® Midbreak	—	HalogenA™
Capsylite® High Performance	Halogen-IR™	—
Long Neck™ Capsylite®	—	—
Cool-Lux	Cool-Beam	Cool Beam
Designer 16®	—	—
Double Life™ Soft White	Long Life Soft White	Longer Life Soft White
Energy Saver Soft White	Energy Choice	Energy Saving
Excel-Line®	Extended Service	Extended Service
Safeline	COV-A-GUARD™	Silicone Coated
Soft Pink	Dawn Pink	softone Pastels
Spot-GRO	"Gro and Sho"	Agro-Lite
SuperSaver®	Watt-Miser®	Econ-o-Watt
SuperSaver® Par	Watt-Miser® Par	Econ-o-Par
SuperSaver® Excel	Watt-Miser® Plus	Extended Service
Tru-Aim®	Precise®	Masterline® (MR16)
Tru-Aim® Plus	—	—

GENERAL PURPOSE LAMPS

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.									
3	S-6	Cand.	16757	3S6/5	120	240	Clear, Indicator	B, C-7A	3000	12		1 $\frac{7}{8}$
			16759	3S6/5	130	240	Clear, Indicator	B, C-7A	3000	12		1 $\frac{7}{8}$
4	C-7	Cand.	13542	4C7/BL	115-125	24	•Clear, Blister Pack	B, C-9	3000	16		2 $\frac{1}{8}$
6	S-6	Cand.	16926	6S6	6	120	•Clear, Indicator	C, C-2R	1500	58		1 $\frac{7}{8}$
			16927	6S6	12	120	•Clear, Indicator	B, C-2R	1500	47		1 $\frac{7}{8}$
			16928	6S6	18	120	•Clear, Indicator	B, C-2R	1500	48		1 $\frac{7}{8}$
			16929	6S6	24	120	•Clear, Indicator	B, C-7A	1500	52		1 $\frac{7}{8}$
			16930	6S6	30	120	•Train and Country Home	B, C-7A	1500	50		1 $\frac{7}{8}$
			16931	6S6	32	120	•Clear, Train	B, C-7A	1500	50		1 $\frac{7}{8}$
			16957	6S6	48	120	•Clear, Indicator	B, C-7A	1500	49		1 $\frac{7}{8}$
			16958	6S6	60	120	•Clear, Train	B, C-7A	1500	48		1 $\frac{7}{8}$
			16963	6S6	75	120	•Clear, Train	B, C-7A	1500	47		1 $\frac{7}{8}$
			16959	6S6	115	120	•Clear, Indicator	B, C-7A	1500	41		1 $\frac{7}{8}$
			16960	6S6	120	120	•Clear, Indicator	B, C-7A	1500	41		1 $\frac{7}{8}$
			16937	6S6	125	120	•Clear, Indicator	B, C-7A	1500	41		1 $\frac{7}{8}$
			16938	6S6	130	120	•Clear, Indicator	B, C-7A	1500	41		1 $\frac{7}{8}$
			16941	6S6	135	120	•Clear, Indicator	B, C-7A	1500	37		1 $\frac{7}{8}$
			16942	6S6	145	120	•Clear, Indicator	B, C-7A	1500	37		1 $\frac{7}{8}$
			16943	6S6	155	120	•Clear, Indicator	B, C-7A	1500	37		1 $\frac{7}{8}$
			16954	6S6/G <input type="checkbox"/>	115-125	120	•Green, Indicator	B, C-7A	1500			1 $\frac{7}{8}$
			16948	6S6/R	115-125	120	•Red, Indicator	B, C-7A	1500			1 $\frac{7}{8}$
			16953	6S6/W	115-125	120	•White, Indicator	B, C-7A	1500			1 $\frac{7}{8}$
			16945	6S6/3	120	120	•Clear, Signal Light ^{8,20}	B, C-7A	5000+	23		1 $\frac{7}{8}$
			16946	6S6/3	125-130	120	•Clear, Signal Light ^{8,20}	B, C-7A	5000+	23		1 $\frac{7}{8}$
		D.C. Bay	16764	6S6DC	30	120	Clear	B, C-7A	1500	50		1 $\frac{13}{16}$
			16763	6S6DC	75	120	Clear, Train	B, C-7A	1500	47		1 $\frac{13}{16}$
			16782	6S6DC	120	120	Clear, Indicator	B, C-9	1500	41		1 $\frac{13}{16}$
			16783	6S6DC	125	120	Clear, Indicator	B, C-9	1500	41		1 $\frac{13}{16}$
			16784	6S6DC	130	120	Clear, Indicator	B, C-9	1500	41		1 $\frac{13}{16}$
			16790	6S6DC	145	120	Clear, Indicator	B, C-9	1500	37		1 $\frac{13}{16}$
			16801	6S6DC/R <input type="checkbox"/>	120	120	Red, Indicator	B, C-9	1500			1 $\frac{13}{16}$
			16802	6S6DC/R	130	120	Red, Indicator	B, C-9	1500			1 $\frac{13}{16}$
		Inter.	16955	6S6/7	115-125	120	•Clear, Indicator	B, C-9	1500	38		1 $\frac{13}{16}$
S-14	Med.		17314	6S14	115-125	120	Clear	B, C-9	1500	40	2 $\frac{1}{2}$	3 $\frac{1}{2}$
			17302	6S14/IF	115-125	120	Inside Frosted	B, C-9	1500	40	2 $\frac{1}{2}$	3 $\frac{1}{2}$
T4 $\frac{1}{2}$	Cand.		18054	6T4 $\frac{1}{2}$ /1	120	100	•Clear, Indicator	B, C-7A	1500	34		1 $\frac{7}{8}$
			18056	6T4 $\frac{1}{2}$ /1	130	100	•Clear, Indicator	B, C-7A	1500	34		1 $\frac{7}{8}$
7	C-7	Cand.	13608	7C7	115-125	120	•Clear	B, C-9	3000	46		2 $\frac{1}{8}$
			13543	7C7/BL	115-125	24	•Clear, Blister Pack	B, C-9	3000	46		2 $\frac{1}{8}$
			WE SUGGEST 4C7/BL 115-125 Volts, An Energy Saving Product									
Night Light			13609	7C7	130	120	•Clear	B, C-9	3000	46		2 $\frac{1}{8}$
			13623	7C7/W	115-125	120	•White	B, C-9	3000	36		2 $\frac{1}{8}$

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.	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			2 1/8
			13627	7C7/B	115-125	120	•Blue Ceramic	B, C-9	3000			2 1/8
			13628	7C7/G	115-125	120	•Green Ceramic	B, C-9	3000			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 9/16	2 1/4
			19355	7 1/2S	130	120	•Clear, Sign and Dec.	B, C-9	1400	49	1 9/16	2 1/4
			19432	7 1/2S/CO	115-125	120	•Orange Ceramic	B, C-9	1400			2 1/4
			19426	7 1/2S/CB	115-125	120	•Blue Ceramic	B, C-9	1400			2 1/4
			19452	7 1/2S/CB/BL <input type="checkbox"/>	115-125	24	•Blue Ceramic	B, C-9	1400			2 1/4
			19429	7 1/2S/CG	115-125	120	•Green Ceramic	B, C-9	1400			2 1/4
			19423	7 1/2S/CR	115-125	120	•Red Ceramic	B, C-9	1400			2 1/4
			19451	7 1/2S/CR/BL	115-125	24	•Red Ceramic	B, C-9	1400			2 1/4
			19422	7 1/2S/CR	130	120	Red Ceramic	B, C-9	1400			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
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
	S-6	Cand.	16726	10S6	120	240	•Clear, Indicator Min. Run ⁴³	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	16720	10S6/10DC	250	120	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
			16901	10S11N/CB	115-125	120	Blue 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

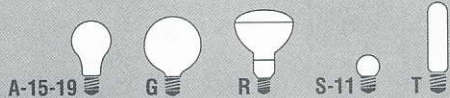
Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
10	S-11	Inter.	16933	10S11N/TY	130	120	Trans. Yellow	B, C-7A	1500			2 ⁵ / ₁₆
			16934	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
		Cand.	17025	10S11/79	115-125	120	•Clear	B, C-7A	1500	78	1½	2¼
	S-14	Med.	17142	10S14	12	120	•Clear, Sign 	B, C-6	1500	100	2½	3½
			17406	10S14	120	120	Clear, Ruggedized	B, C-9	1500	86	2½	3½
			17408	10S14	130	120	Clear, Ruggedized	B, C-9	1500	86	2½	3½
			17424	10S14/IF	120	120	Inside Frosted, Ruggedized	B, C-9	1500	86	2½	3½
			17426	10S14/IF	130	120	Inside Frosted, Ruggedized	B, C-9	1500	86	2½	3½
			17527	10S14/CB	115-125	120	Blue Ceramic, Ruggedized	B, C-9	1500			3½
			17536	10S14/CB <input type="checkbox"/>	130	120	Blue Ceramic, Ruggedized	B, C-9	1500			3½
			17528	10S14/CG	115-125	120	Green Ceramic, Ruggedized	B, C-9	1500			3½
			17529	10S14/CO	115-125	120	Orange Ceramic, Ruggedized	B, C-9	1500			3½
			17525	10S14/CR	115-125	120	Red Ceramic, Ruggedized	B, C-9	1500			3½
			17535	10S14/CR	130	120	Red Ceramic, Ruggedized	B, C-9	1500			3½
			17504	10S14/CY	115-125	120	Yellow Ceramic, Ruggedized	B, C-9	1500			3½
			17506	10S14/W	115-125	120	White, Ruggedized	B, C-9	1500	70		3½
			17507	10S14/W <input type="checkbox"/>	130	120	White, Ruggedized	B, C-9	1500	70		3½
11	S-11	Inter.	17046	11S11N	130	120	Clear	B, CC-9	3000	73		2 ⁵ / ₁₆
	S-14	Med.	17451	11S14/IF	120	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 <input type="checkbox"/>	130	120	Blue Ceramic, Ruggedized	B, C-9	3000			3½
			17463	11S14/CG <input type="checkbox"/>	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/CY	115-125	120	Yellow Ceramic, Ruggedized	B, C-9	3000			3½

Sign &
Group
Replacement

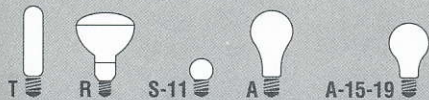
Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
11	S-14	Med.	17455	11S14/CY	130	120	Yellow Ceramic, Ruggedized	B, C-9	3000			3 1/2
			17456	11S14/W	115-125	120	White, Ruggedized	B, C-9	3000	59		3 1/2
			17457	11S14/W	130	120	White, Ruggedized	B, C-9	3000	59		3 1/2
			17489	11S14/TB	125-130	120	Transparent Blue	B, C-9	3000			3 1/2
			17490	11S14/TG	125-130	120	Transparent Green	B, C-9	3000			3 1/2
			17491	11S14/TO	125-130	120	Transparent Orange	B, C-9	3000			3 1/2
			17487	11S14/TR	125-130	120	Transparent Red	B, C-9	3000			3 1/2
			17488	11S14/TY	125-130	120	Transparent Yellow	B, C-9	3000			3 1/2
			17704	11S14/RS	130	120	Clear Rough Service	B, C-17	(1)	47	2 1/2	3 1/2
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
			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 3/8
			10033	15A	12	120	Inside Frosted	C, C-6	1000	162	2 3/8	3 3/8
			10086	15A	34	120	Inside Frosted, Train	C, C-9	1000	200	2 3/8	3 3/8
			10402	15A	230	120	•Inside Frosted	B, C-9	1000	120	2 3/8	3 3/8
S-11	Cand.		17043	15S11/13	120-130	120	•Decorative – Clear	B, C-7A	750	112		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
			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
T-6	Cand.		18037	15T6	120	60	Clear	B, C-7A	2000	114		3 1/16



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.									
15	T-6 Switchboard	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
	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
		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
	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
17	T-10	Med.	18501	15T10/CL	120	60	•Clear	B, C-8	2500	112		5 5/8
	R-20	Med.	14839	17R20	6.3	120	Light I.F. Refl. ☒	C, C-6	2200			3 15/16
18	S-11	S.C. Bay	10766	18S11/1SC	10	120	Railway Lt. Signal	C, CC-6	2000	235	1 1/4	2 3/8
20	A-17	Med.	10394	20A17/5	130	120	Flashing Sign – Clear	C, C-9	1000	143	2 3/8	3 3/8
		T6 1/2 D.C. Bay	18144	20T6 1/2/DC/CF	120	60	Exit Lamp Ceramic Frost	B, C-8	(1)	92		5 1/2
		Inter.	18143	20T6 1/2/CF	120	60	Exit Lamp Ceramic Frost	B, C-8	(1)	92		5 1/2
25	A-15	Med.	10125	25A15	115-125	120	•Inside Frosted, Refrig.	B, C-9	1100	250	2 3/8	3 1/2
			10139	25A15/RFL	130	120	I.F. Reflector Sign	B, C-9	2500			3 1/2
	A-17	Med.	10417	25A17/RS	75	120	I.F. Train, Rough Service	B, C-9	1000	228	2 3/8	3 5/8
	A-19	Med.	10443	25A	6	120	Inside Frosted ☒	C, C-6	1000	357	2 1/2	3 15/16
			10449	25A	12	120	Inside Frosted ☒	C, C-6	1000	385	2 1/2	3 15/16
			10585	25A	30	120	I.F. Train & Country Home	C, C-9	1000	339	2 1/2	3 15/16
			10586	25A ☐	32	120	Inside Frosted, Train	C, C-9	1000	339	2 1/2	3 15/16
			10524	25A	34	120	Inside Frosted, Train	C, C-9	1000	339	2 1/2	3 15/16
			10632	25A ☐	60	120	Inside Frosted, Train	C, C-9	1000	280	2 1/2	3 15/16
			10644	25A	120	120	•Inside Frosted	B, C-9	2500	235	3 1/8	4 7/16
			10634	25A/RP	120	24	•Inside Frosted	B, C-9	2500	235	3 1/8	4 7/16
			10645	25A	130	120	•Inside Frosted	B, C-9	2500	235	3 1/8	4 7/16
			10693	25A/CL	120	120	Clear	B, C-9	2500	232	3 1/8	4 7/16
			10694	25A/CL	130	120	Clear	B, C-9	2500	232	3 1/8	4 7/16
			10562	25A/W/RP	120	24	•Soft White	B, C-9	2625	215	3 1/8	4 7/16
			11090	25A/RS	120	120	•I.F., Rough Service	B, C-17	1000	222	2 1/2	3 15/16
			11092	25A/RS	125-130	120	•I.F., Rough Service	B, C-17	1000	222	2 1/2	3 15/16
			14866	25A/VS	125-130	120	•I.F., Vibration Service	B, C-9	1000	238	2 1/2	3 15/16
			14850	25A/CL/VS ☐	120	120	•Clear, Vibration Service	B, C-9	1000	238	2 1/2	3 15/16



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	A-19	Med.	11356	25A/B		115-125	120	Blue	B, C-9	2500			3 ¹⁵ / ₁₆
			11436	25A/B/RP		115-125	24	Blue	B, C-9	2500			3 ¹⁵ / ₁₆
			11359	25A/G		115-125	120	Green	B, C-9	2500			3 ¹⁵ / ₁₆
			11437	25A/G/RP		115-125	24	Green	B, C-9	2500			3 ¹⁵ / ₁₆
			11362	25A/O		115-125	120	Orange	B, C-9	2500			3 ¹⁵ / ₁₆
			11434	25A/O/RP		115-125	24	Orange	B, C-9	2500			3 ¹⁵ / ₁₆
			11350	25A/R		115-125	120	Red	B, C-9	2500			3 ¹⁵ / ₁₆
			11435	25A/R/RP		115-125	24	Red	B, C-9	2500			3 ¹⁵ / ₁₆
			11371	25A/R2		115-125	120	Rose	B, C-9	2500			3 ¹⁵ / ₁₆
			11348	25A/Y		115-125	120	Yellow	B, C-9	2500			3 ¹⁵ / ₁₆
			10750	25A/99CL/RFL		130	120	Clear, Neck Reflector	B, C-9	2500			3 ¹⁵ / ₁₆
			11710	25A19/TB/RP		125-130	6	Transparent Blue	B, C-9	3000			2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11714	25A19/TG/RP		125-130	6	Transparent Green	B, C-9	3000			2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11711	25A19/TO/RP		125-130	6	Transparent Orange	B, C-9	3000			2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11712	25A19/TR/RP		125-130	6	Transparent Red	B, C-9	3000			2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11713	25A19/TY/RP		125-130	6	Transparent Yellow	B, C-9	3000			2 ¹ / ₂ 3 ¹⁵ / ₁₆
			10737	25A19/GR/CL		115-125	120	Clear, Sign, Gr. Replacement	B, C-9	3000	205		2 ¹ / ₂ 3 ¹⁵ / ₁₆
			10738	25A19/GR/CL		130	120	Clear, Sign, Gr. Replacement	B, C-9	3000	205		2 ¹ / ₂ 3 ¹⁵ / ₁₆
			10734	25A19/GR/IF		130	120	Inside Frosted, Gr. Replacement	B, C-9	3000	205		2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11285	25A		230	120	•Inside Frosted	B, C-17	1000	205		2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11287	25A		250	120	•Inside Frosted	B, C-17	1000	205		2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11289	25A		277	120	•Inside Frosted	B, C-17	1000	187		2 ¹ / ₂ 3 ¹⁵ / ₁₆
			11302	25A/R □		250	120	Red	B, C-17	1000			3 ¹⁵ / ₁₆
G-40	Med.	14698	25G40TA/RP		120-130	6	•Trans. Amber Mood Glo™	C, C-9	2500			6 ¹⁵ / ₁₆	
		14697	25G40TB/RP		120-130	6	•Trans. Blue Mood Glo™	C, C-9	2500			6 ¹⁵ / ₁₆	
		14696	25G40TG/RP		120-130	6	•Trans. Green 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	
		14694	25G40TY/RP		120-130	6	•Trans. Yellow Mood Glo™	C, C-9	2500			6 ¹⁵ / ₁₆	
R-14	Inter.	14793	25R14N		120	60	Reflector, Light I.F. ²⁹	C, CC-2V	1500			2 ⁹ / 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-6½	Inter.	18124	25T6½		115	60	•Clear	B, C-8	1000	242		5½	
		18125	25T6½		120	60	Clear	B, C-8	1000	242		5½	
		18128	25T6½		130	60	Clear	B, C-8	1000	242		5½	
		18113	25T6½/CF		120	60	•Ceramic Frost	B, C-8	1000	225		5½	
		18111	25T6½/CF		130	60	•Ceramic Frost	B, C-8	1000	225		5½	
		D.C. Bay	18117	25T6½DC/CF		120	60	C.F. Scale Illuminator	B, C-8	1000	225		5½
	18118		25T6½DC/CF		125	60	C.F. Scale Illuminator	B, C-8	1000	225		5½	



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.									
25	T-6½	D.C. Bay	18129	25T6½DC	120	60	Clear Scale Illuminator	B, C-8	1000	242		5½
			18106	25T6½DC	130	60	Clear Scale Illuminator	B, C-8	1000	242		5½
	T-8	Cand.	18289	25T8C	115-125	60	•Clear, Home Appliance	B, C-7A	(3)	235		2⅝
			18359	25T8N	120	60	Home Appliance, Clear	B, C-7A	(3)	235		2⅝
			18346	25T8N/IF	120	60	Ceramic Frost, Home Appliance	B, C-7A	(3)	235		2⅝
	D.C. Bay		18310	25T8DC	120	60	Home Appliance, Clear	B, C-7A	(3)	235		2⅝
			18315	25T8DC	125	60	Home Appliance, Clear	B, C-7A	(3)	235		2⅝
			18316	25T8DC	130	60	Home Appliance, Clear	B, C-7A	(3)	235		2⅝
			18307	25T8DC	230	60	Home Appliance, Clear	B, C-7A	(3)	200		2⅝
			18311	25T8DC/BL	120	24	Clear, Blister Pack	B, C-7A	(3)	235		2⅝
			18318	25T8DC/IF	120	60	Ceramic Frost, Home Appliance	B, C-7A	(3)	235		2⅝
			18320	25T8DC/IF □	130	60	Ceramic Frost, Home Appliance	B, C-7A	(3)	235		2⅝
	T-10	Med.	18510	25T10	120	60	•Clear	B, C-8	1000	243		5⅝
			18487	25T10/CL/BL	120	12	•Clear	B, C-8	1000	243		5⅝
			18512	25T10	130	60	•Clear	B, C-8	1000	243		5⅝
			18503	25T10/CF	120	60	•Ceramic Frost	B, C-8	1000	135		5⅝
			18489	25T10/CF/BL	120	11	•Ceramic Frost	B, C-8	1000	235		5⅝
			18505	25T10/CF	130	60	•Ceramic Frost	B, C-8	1000	235		5⅝
			18507	25T10/BB	277	60	Clear, Exit Light	B, C-17	5000	158		5⅝
30	R-20	Med.	14794	30R20	120	60	Reflector, Light I.F.	C, C-9	2000	300 _{CP} (38"†)		3⅝⅓
			14802	30R20	130	60	Reflector, Light I.F.	C, C-9	2000	300 _{CP} (38"†)		3⅝⅓
			14836	30R20/RP	120	6	Reflector, Light I.F.			300 _{CP} (38"†)		
			10422	30R20/RS/99	130	60	Light I.F., Refl., Rough Serv.	B, C-17	5000			3⅝⅓
	S-11	D.C. Bay	10765	30S11DC	75	120	Train Marker	C, C-7A	500	352	1¼	2⅝
			10763	30S11/100	32	120	Clear, Train Marker	C, C-7A	500	420	1¼	2⅝
	T-8	Disc.	19504	L30	115-125	24	Clear	B, C-8	1500	254		17¾
			19510	L30/IF	115-125	24	Inside Frosted	B, C-8	1500	254		17¾
			19516	L30/W	115-125	24	White	B, C-8	1500	210		17¾
30 70 100	A-21	Kon-Tact Med.	19385	30/100/W/RP	120	12	•Soft White, Three-Way, Universal Burning ²⁶	C, CC-8	1200	300 1015 1315		5⅝⅓
							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 ²⁶	C, CC-8	1200	300 1015 1315		5⅝⅓
32	A-19	Med.	10980	32A19/49	120	120	Cl. St. Ltg. Gr. Replacement	C, C-9	3000	258	2⅝	4¼
			10983	32A19/49	130	120	Cl. St. Ltg. Gr. Replacement	C, C-9	3000	258	2⅝	4¼



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PAR 36



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.
34	A-17	Med.	17750	40A17/34/SS	120	120	•Inside Frost, SuperSaver®	C, CC-8	1500	410	2 7/8	4 5/16
			17754	40A17/34/SS	130	120	•Inside Frost, SuperSaver®	C, CC-8	1500	410	2 7/8	4 5/16
			17770	40A17/34/SSXL	120	120	Inside Frost, SuperSaver®XL	C, CC-8	2500	365	2 7/8	4 5/16
			17774	40A17/34/SSXL	130	120	Inside Frost, SuperSaver®XL	C, CC-8	2500	365	2 7/8	4 5/16
			11960	40A17/34/ES/2PK ■	120	24	•Soft White, Energy Saver	C, CC-8	1500	425	3 1/8	4 5/16
			11962	40A17/34/ES/4PK ■	120	48	•Soft White, Energy Saver	C, CC-8	1500	425	3 1/8	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
			11795	36A/Ry	125	120	•I.F. St. Ry., (Watts centered at .342 Amps) ⁴⁵	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 Capsylite®	C, C-6	4000	5100 ^{CP(18°)}		2 3/4
			55100	36PAR36CAP/VNSP	12	12	★Very Narrow Spot, Tungsten Halogen Capsylite®	C, C-6	4000	23000 ^{CP(5°)}		2 3/4
			55091	36PAR36CAP/WFL	12	12	★Wide Flood, Tungsten Halogen Capsylite®	C, C-6	4000	1175 ^{CP(30°)}		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	•Clear, Appliance	C, C-9	1000	452		3 1/2
			10042	40A15/CL/FAN ■	120	24	Clear, Fan Light	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
	A-17	Med.	17740	40A17	120	120	•Inside Frosted	C, CC-8	1650	460	2 7/8	4 5/16
				WE SUGGEST 40A17/34/SS 120 Volts, An Energy Saving Product								
			17744	40A17	130	120	•Inside Frosted	C, CC-8	1650	460	2 7/8	4 5/16
			17760	40A17/99/XL	120	120	Inside Frosted Excel-Line®	C, CC-8	2500	420	2 7/8	4 1/4
				WE SUGGEST 40A17/34/SSXL 120 Volts, An Energy Saving Product								
			17764	40A17/99/XL	130	120	Inside Frosted Excel-Line®	C, CC-8	2500	420	2 7/8	4 1/4
				WE SUGGEST 40A17/34/SSXL 130 Volts, An Energy Saving Product								
	A-19	Med.	11010	40A/RP	120	24	•Inside Frosted	C, CC-8	1500	460	2 7/8	4 7/16
				WE SUGGEST 40A17/34/SS 130 Volts, An Energy Saving Product								
			11035	40A/CL	120	120	•Clear	C, CC-8	1500	460	3 1/8	4 7/16
			11223	40A/CL/RP	120	24	•Clear	C, CC-8	1500	460	3 1/8	4 7/16
			11036	40A/CL	130	120	•Clear	C, CC-8	1500	460	3 1/8	4 7/16
			11310	40A	230	120	•Inside Frosted	B, C-17	1000	375	2 1/2	3 15/16
			10977	40A/W/RP	120	24	•Soft White	C, CC-8	1500	445		4 7/16
			10996	40A/W/RP/4 ■	120	48	•Soft White	C, CC-8	1500	445		4 7/16
			10978	40A/W/RP	125	24	•Soft White	C, CC-8	1500	445		4 7/16

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-19	Med.	11053	40A/99/CL/XL	130	120	Clear Excel-Line®	C, CC-8	2500	420	3 7/8	4 7/16
	A-21	Med.	11845	40A/O	115-125	120	Orange Ceramic ⁴⁵	B, C-9	1500			4 7/16
			11843	40A/B	115-125	120	Blue Ceramic ⁴⁵	B, C-9	1500			4 7/16
			11844	40A/G	115-125	120	Green Ceramic ⁴⁵	B, C-9	1500			4 7/16
			11841	40A/R	115-125	120	Red Ceramic ⁴⁵	B, C-9	1500			4 7/16
			11840	40A/R2	115-125	120	Rose Ceramic ⁴⁵	B, C-9	1500			4 7/16
			11842	40A/Y	115-125	120	Yellow Ceramic ⁴⁵	B, C-9	1500			4 7/16
		▼	12058	40A/TS	120	120	•Traffic Signal ⁴⁵	C, C-9	2000	367	2 7/16	4 7/16
		▼	12059	40A/TS	125	120	•Traffic Signal ⁴⁵	C, C-9	2000	367	2 7/16	4 7/16
			11835	40A21/GR/CL	130	120	Clear, Sign, Gr. Replacement ⁴⁵	B, C-9	3000	352	2 7/8	4 1/2
	R-30	Med.	15035	40R30/FL □	125-130	24	Inside Frost, Refl. Flood ⁴³	C, CC-6	2000	240CP(134°)		5 3/8
	S-11	Inter.	13595	40S11N	115-125	120	Clear, High Intensity	C, C-7A	500	440	1 5/8	2 5/16
			13596	40S11N/CF	120	120	Ceramic Frosted ⁴³	C, C-7A	500	430	1 5/8	2 5/16
			13598	40S11N/BL	115-125	24	Clear, Blister Pack	C, C-7A	500	440	1 5/8	2 5/16
	T-6 1/2	▼Inter.	18096	40T6 1/2/2	120	60	Appliance, Clear ⁴³	C, C-8	1000	365		5 1/2
		▼	18097	40T6 1/2/CL/BL	120	12	Appliance, Clear ⁴³	C, C-8	1000	365		5 1/2
	T-8	Med.	18364	40T8	120-130	24	•Clear	B, C-23	1000	400		11 7/8
			18370	40T8/IF	120-130	24	•Ceramic Frost	B, C-23	1000	400		11 7/8
42		Disc.	19590	L40	115-125	24	Clear	B, C-8	1500	360		11 3/4
			19596	L40/IF	115-125	24	Inside Frosted	B, C-8	1500	360		11 3/4
			19602	L40/W	115-125	24	White	B, C-8	1500	310		11 3/4
	T-10	Med.	18650	40T10	120	60	•Clear	B, C-8	1000	420		5 5/8
			18488	40T10/CL/BL	120	12	•Clear	B, C-8	1000	420		5 5/8
			18652	40T10	130	60	•Clear	B, C-8	1000	420		5 5/8
45			18664	40T10/CF	120	60	•Ceramic Frost	B, C-8	1000	415		5 5/8
			18490	40T10/CF/BL	120	12	•Ceramic Frost	B, C-8	1000	415		5 5/8
			18669	40T10/CF	130	60	•Ceramic Frost	B, C-8	1000	415		5 5/8
			18693	40T10/RFL	120	60	•Reflector ³	C, CC-8	2000	374		5 5/8
	MB-19	Med.	18902	42MB/CAP	120	20	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3500	665	3 3/8	4 3/8
			18903	42MB/CAP	130	20	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3500	665	3 3/8	4 3/8
45 95 140	A-21	▼Kon-Tact Med.	18048	45/140A/W/ES/RP	120	12	Soft White, Three Way	C, CC-8	1200	540 1435 1975	2 3/8	5 5/16
45	PAR-38	Med. Skt.	14588	45PAR/CAP/FL	120	15	★Flood, Tungsten Halogen Capsylite® 10 ³³	C, CC-8	2000	1800CP(32°)		5 5/16
			14591	45PAR/CAP/FL	130	15	★Flood, Tungsten Halogen Capsylite® 10 ³³	C, CC-8	2000	1800CP(32°)		5 5/16
			14589	45PAR/CAP/SP	120	15	★Spot, Tungsten Halogen Capsylite® 10 ³³	C, CC-8	2000	4500CP(15°)		5 5/16
			14592	45PAR/CAP/SP	130	15	★Spot, Tungsten Halogen Capsylite® 10 ³³	C, CC-8	2000	4500CP(15°)		5 5/16

PAR 38
MED. SKT.



A-15-19



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.
45	PAR-38	Med. Skt.	14590	45PAR/CAP/NSP	120	15	★Narrow Spot, Tungsten Halogen Capsylite® ³³	C, CC-8	2000	11500 ^{CP(9°)}		5 ⁵ / ₁₆
			14593	45PAR/CAP/NSP	130	15	★Narrow Spot, Tungsten Halogen Capsylite® ³³	C, CC-8	2000	11500 ^{CP(9°)}		5 ⁵ / ₁₆
			14010	45PAR/CAP/VWFL	130	15	★Very Wide Flood Tungsten Halogen Capsylite®	C, CC-8	2000	1200 ^{CP(55°)}		5 ⁵ / ₁₆
50	A-19	Med.	10458	50A/RS	30	120	I.F., Rough Service	B, C-9	1000	530	2 ¹ / ₂	3 ¹⁵ / ₁₆
			10459	50A/RS □	34	120	I.F., Rough Service	B, C-9	1000	530	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11068	50A19/RS	75	120	Train, I.F., Rough Service ⁴	B, C-9	1000	505	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11131	50A19/31	115-125	120	Clear, Bake Oven	B, C-9	1000	500	2 ¹ / ₂	3 ¹⁵ / ₁₆
			14886	50A/VS	120	120	•I.F., Vibration Service	B, C-9	1000	565	2 ¹ / ₂	3 ¹⁵ / ₁₆
			14889	50A/VS	125-130	120	•I.F., Vibration Service	B, C-9	1000	565	2 ¹ / ₂	3 ¹⁵ / ₁₆
			14868	50A/CL/VS	120	120	•Clear, Vibration Service	B, C-9	1000	565	2 ¹ / ₂	3 ¹⁵ / ₁₆
			14870	50A/CL/VS	130	120	•Clear, Vibration Service	B, C-9	1000	565	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11118	50A/RS/SL	115-125	120	Safeline Rough Service ²⁴	B, C-9	1000	510	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11395	50A	230	120	•Inside Frosted	B, CC-7A	1000	490	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11397	50A	250	120	•Inside Frosted	B, CC-7A	1000	490	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11422	50A19/37	250	120	•Clear	B, CC-7A	1000	490	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11425	50A/RS	230	120	•I.F., Rough Service	B, C-22	1000	450	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11393	50A/RS	250	120	•I.F., Rough Service	B, C-22	1000	450	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11428	50A19	277	120	•Inside Frosted, Mine	B, CC-7A	1000	475	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11401	50A19	300	120	•Inside Frosted, Mine	B, CC-7A	1000	475	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11433	50A19/RS	277	120	•I.F., Rough Service	B, C-22	1000	440	2 ¹ / ₂	3 ¹⁵ / ₁₆
			11448	50A/R	250	120	•Red Ceramic	B, CC-7A	1000			3 ¹⁵ / ₁₆
	A-21	Med.	11561	50A21	6	120	Inside Frosted ⁴⁵	C, C-6	1000	830	3 ³ / ₈	4 ¹⁵ / ₁₆
			11569	50A21	12	120	Inside Frosted ⁴⁵	C, C-6	1000	865	3 ³ / ₈	4 ¹⁵ / ₁₆
			11652	50A21	30	120	In. Frosted, Train & Country Home ⁴⁵	C, C-9	1000	820	3 ³ / ₈	4 ¹⁵ / ₁₆
			11654	50A21	32	120	Inside Frosted, Train ⁴⁵	C, C-9	1000	840	3 ³ / ₈	4 ¹⁵ / ₁₆
			11604	50A21	34	120	Inside Frosted, Train ⁴⁵	C, C-9	1000	860	3 ³ / ₈	4 ¹⁵ / ₁₆
			11680	50A21	47	120	Inside Frosted, Emergency ⁴⁵	C, C-9	1000	690	3 ³ / ₈	4 ¹⁵ / ₁₆
			11684	50A21	60	120	Inside Frosted, Train ⁴⁵	C, C-9	1000	698	3 ³ / ₈	4 ¹⁵ / 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		5 ⁵ / ₁₆



WE SUGGEST 135/78A19/W/HI-LO 120 Volts, An Energy Saving Product



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	A-21	▼Kon-Tact Med.	18061	50/150A/W/RP	125	12	•Soft White Three-Way	C, CC-8	1200	640 1580 2220		5 ⁵ / ₁₆
		▼	18726	50/150A/SPK/RP	115-125	12	•Soft Pink, Three-Way	C, CC-8	1200			5 ⁵ / ₁₆
50 100 150	PS-25	3C Mog.	15362	50/150	120	24	•Inside Frosted, Three-Way	C, CC-8	1200	640 1600 2240		6 ¹³ / ₁₆
			15363	50/150	125	24	•Inside Frosted, Three-Way	C, CC-8	1200	640 1600 2240		6 ¹³ / ₁₆
50 200 250	A-21	▼Kon-Tact Med.	19404	50/250/W/RP	120	12	•Soft White, Three-Way	C, CC-8	1200	640 3600 4240		5 ⁵ / ₁₆
50	ER-30	Med.	15102	50ER30	120	24	•I.F. Elliptical Refl. 6.10	C, CC-6	2000	1200 ^{CP} 36°†		6 ³ / ₈
			15107	50ER30	130	24	•I.F. Elliptical Refl. 6.10	C, CC-6	2000	1200 ^{CP} 36°†		6 ³ / ₈
			15106	50ER30/PK	120	24	•Pink Elliptical Refl. 6.10	C, CC-6	2000			6 ³ / ₈
50	PAR-20	Med.	14525	50PAR20/CAP/NFL	120	15	★Narrow Flood, Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	1250 ^{CP} 32°		3 ¹ / ₄
			14529	50PAR20/CAP/NFL	130	15	★Narrow Flood, Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	1250 ^{CP} 32°		3 ¹ / ₄
			14524	50PAR20/CAP/NSP	120	15	★Narrow Spot, Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	4600 ^{CP} 12°		3 ¹ / ₄
			14528	50PAR20/CAP/NSP	130	15	★Narrow Spot, Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	4600 ^{CP} 12°		3 ¹ / ₄
50	PAR-30	Med.	14532	50PAR30/CAP/FL	120	15	★Flood Tungsten, Halogen Capsylite® 10 ²⁶	C, CC-8	2500	1100 ^{CP} 42°		3 ⁵ / ₈
			14533	50PAR30/CAP/FL	130	15	★Flood Tungsten, Halogen Capsylite® 10 ²⁶	C, CC-8	2500	1100 ^{CP} 42°		3 ⁵ / ₈
			14527	50PAR30/CAP/NFL	120	15	★Narrow Flood, Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	1750 ^{CP} 32°		3 ⁵ / ₈
			14531	50PAR30/CAP/NFL	130	15	★Narrow Flood, Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	1750 ^{CP} 32°		3 ⁵ / ₈
			14526	50PAR30/CAP/NSP	120	15	★Narrow Spot, Tungsten Halogen Capsylite® 10 ²⁶	C CC-8	2500	6500 ^{CP} 12°		3 ⁵ / ₈
			14530	50PAR30/CAP/NSP	130	15	★Narrow Spot, Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	6500 ^{CP} 12°		3 ⁵ / ₈
			14537	50PAR30LN/CAP/WFL "Long Neck"	120	15	★Wide Flood Tungsten Halogen Capsylite® 10 ²⁶	C, CC-8	2500	500 ^{CP} 58°		5 ³ / ₈
	R-20	Med.	14831	50R20	120	60	Light Inside Frosted, Reflector	C, C-9	2000	550 ^{CP} 38°†		3 ¹⁵ / ₁₆







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PAR 38
MED. SKT.

A PAR 16























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	R-20	Med.	14833	50R20/RP	120	6	•Light Inside Frosted, Reflector	C, C-9	2000	550cp(38°†)		3 ¹⁵ / ₁₆
			14832	50R20	125-130	60	•Light Inside Frosted, Reflector	C, C-9	2000	550cp(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 ^{6,10}	C, C-9	2000			3 ¹⁵ / ₁₆
52	A-17	Med.	17751	60A17/52/SS	120	120	•Inside Frost, SuperSaver®	C, CC-8	1000	800	3 ¹ / ₈	4 ⁵ / ₁₆
			17755	60A17/52/SS	130	120	•Inside Frost, SuperSaver®	C, CC-8	1000	800	3 ¹ / ₈	4 ⁵ / ₁₆
			17771	60A17/52/SSXL	120	120	Inside Frost, SuperSaver®XL	C, CC-8	2500	700	3 ¹ / ₈	4 ⁵ / ₁₆
			17775	60A17/52/SSXL	130	120	Inside Frost, SuperSaver®XL	C, CC-8	2500	700	3 ¹ / ₈	4 ⁵ / ₁₆
			11964	60A17/52/W/ES/2PK ■	120	24	•Soft White, Energy Saver	C, CC-8	1000	780	3 ¹ / ₈	4 ⁵ / ₁₆
			11966	60A17/52/W/ES/4PK ■	120	48	•Soft White, Energy Saver	C, CC-8	1000	780	3 ¹ / ₈	4 ⁵ / ₁₆
	MB-19	Med.	18917	52MB/CAP	120	20	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3500	885	3 ³ / ₈	4 ³ / ₈
			18918	52MB/CAP	130	20	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3500	885	3 ³ / ₈	4 ³ / ₈
55	PAR-16	Med.	59030	55PAR16/CAP/NFL	120	15	Designer 16® Narrow Flood ^{26,32}	C, CC-8	2000	1300cp(30°)		2 ⁷ / ₈
			59038	55PAR16/CAP/NFL	130	15	Designer 16® Narrow Flood ^{26,32}	C, CC-8	2000	1300cp(30°)		2 ⁷ / ₈
			59032	55PAR16/CAP/NSP	120	15	Designer 16® Narrow Spot ^{26,32}	C, CC-8	2000	5000cp(12°)		2 ⁷ / ₈
			59040	55PAR16/CAP/NSP	130	15	Designer 16® Narrow Spot ^{26,32}	C, CC-8	2000	5000cp(12°)		2 ⁷ / ₈
	PAR-38	Med. Skt.	14511	55PAR/FL/SS	120-130	15	★Flood, SuperSaver® ^[V]	C, CC-6	3000	1700cp(18°)		5 ⁵ / ₁₆
			14512	55PAR/SP/SS	120-130	15	★Spot, SuperSaver® ^[V]	C, CC-6	3000	4000cp(14°)		5 ⁵ / ₁₆
56	A-21	Med.	12208	56A21	120	120	•Inside Frosted, St. Ry., (Watts Centered at .519 Amps.) ⁴⁵	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-15	Med.	11007	60A15/CL/FAN ■	120	24	Clear, Fan Light	C, C-9	1000	740		3 ¹ / ₂
			11008	60A15/GARAGE	120	24	Inside Frost	C, C-9	1000	740		3 ¹ / ₂
	A-17	Med.	17741	60A17	120	120	•Inside Frosted	C, CC-8	1100	890	3 ¹ / ₈	4 ⁵ / ₁₆
				WE SUGGEST 60A17/52/SS 120 Volts, An Energy Saving Product								
			17745	60A17	130	120	•Inside Frosted	C, CC-8	1100	890	3 ³ / ₈	4 ⁵ / ₁₆
			17761	60A17/99/XL	120	120	Inside Frosted, Excel Line®	C, CC-8	2500	775	3 ¹ / ₈	4 ⁵ / ₁₆

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	A-17	Med.	17765	60A17/99/XL	130	120	Inside Frosted, Excel Line®	C, CC-8	2500	775	3 1/8	4 5/16
 WE SUGGEST 60A/52/SSXL 130 Volts, An Energy Saving Product												
A-19	Med.		10640	60A	24	120	Inside Frosted, Dental Spot	C, C-9	1000			4 7/16
			11214	60A/RP	120	24	•Inside Frosted	C, CC-8	1000	890	3 1/8	4 7/16
			10576	60A/SPK	115-125	24	•Soft Pink	C, CC-8	1000			4 7/16
			10477	60A	125	120	•Inside Frosted	C, CC-8	1000	890	3 1/8	4 7/16
 WE SUGGEST 60A17/52/SS 130 Volts, An Energy Saving Product												
			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
			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
			10613	60A/SB	120	120	•I.F., Silver Bowl ⁷	C, CC-8	1000	758		4 7/16
			11227	60A/W/DLSW/RP/2PK	120	24	•Double Life™ Soft White	C, CC-8	2000	800		4 7/16
			11204	60A/W/DLSW/RP/4PK	120	48	•Double Life™ Soft White	C, CC-8	2000	800		4 7/16
			11208	60A/W/RP	120	24	•Soft White	C, CC-8	1000	870		4 7/16
 WE SUGGEST 60A17/52/W/ES/2PK, An Energy Saving Product												
			11205	60A/W/RP/4	120	48	•Soft White	C, CC-8	1000	870		4 7/16
			11209	60A/W/RP	125	24	•Soft White	C, CC-8	1000	870		4 7/16
MB-19	Med.		18960	60A/HAL	120	12	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3000	960	3 3/8	4 3/8
A-19	Med.		10390	60A/Y/RP	120	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
 WE SUGGEST 60A/52/SSXL 120 Volts, An Energy Saving Product												
			12416	60A/RS	120	120	•Inside Frosted, Rough Service	C, C-17	1000	575	3 1/8	4 7/16
			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	Safeline, Inside Frosted	C, CC-8	1000	870	3 1/8	4 7/16
			12286	60A19/CO	120	120	•Orange Ceramic EXP	C, C-9	1000			4 7/16
			12288	60A19/CB	120	120	•Blue Ceramic EXP	C, C-9	1000			4 7/16
			12289	60A19/CG	120	120	•Green Ceramic EXP	C, C-9	1000			4 7/16
			12285	60A19/CR	120	120	•Red Ceramic EXP	C, C-9	1000			4 7/16
			12284	60A19/R2	120	120	•Rose Ceramic EXP	C, C-9	1000			4 7/16
A-21	Med.		12986	60A/RS/RP	120	12	•Inside Frosted, Rough Service	C, C-17	1000	575	3 3/8	5 5/16

PAR 46, 56, 64
SCR. TERM.PAR 38
MED. SKT.

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.	
			Syl. Item No.										
60	A-21	▼Med.	12448	60A21/TS	120	120	•Clear, Traffic Signal ⁴⁵	C, C-9	2000	685	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12449	60A21/TS	125	120	•Clear, Traffic Signal ⁴⁵	C, C-9	2000	685	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12454	60A21/TS/4M	120	120	Clear, Traffic Signal ⁴⁵	C, C-9	4000	585	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12455	60A21/TS/4M □	125	120	Clear, Traffic Signal ⁴⁵	C, C-9	4000	585	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			11459	60A21	230	120	•Inside Frosted ⁴⁵	B, CC-7A	1000	588	2 ⁷ / ₈	4 ⁷ / ₁₆	
			11460	60A21 □	250	120	•Inside Frosted ⁴⁵	B, CC-7A	1000	588	2 ⁷ / ₈	4 ⁷ / ₁₆	
			PAR-46 Scr. Term	15199	60PAR	38	12	Cl., Mine Locomotive Headlite ¹⁰	C, CC-2V	800	11500 ^{CP(10°)}		3 ³ / ₄
	Lumiline	T-8	Disc.	15201	60PAR/2/R	38	12	Red Train Warning	C, CC-2V	800			3 ³ / ₄
				19673	L60	115-125	24	Clear	B, C-8	1500	550		11 ³ / ₄
				19679	L60/IF	115-125	24	Inside Frosted	B, C-8	1500	550		11 ³ / ₄
				19685	L60/W	115-125	24	White	B, C-8	1500	465		11 ³ / ₄
				T-10	▼Med.	18711	60T10/CF	120	60	•Ceramic Frost Showcase	C, C-8	1000	630
		▼	18710	60T10/64	120	60	•Clear, Showcase	C, C-8	1000	655		5 ⁵ / ₈	
64	A-21	▼Med.	12463	64A21/TS	120	120	Clear, Traffic Signal ⁴⁵	C, C-9	3000	691	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12464	64A21/TS □	130	120	Clear, Traffic Signal ⁴⁵	C, C-9	3000	691	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
65	PAR-38	Med. Skt. 	14569	75/65PAR/FL/SS	120	15	★Flood, SuperSaver [®] 	C, CC-6	2000	1850 ^{CP(26°)}		5 ⁵ / ₁₆	
			 15532	65PAR/FL/ES	120	6	★Flood, Energy Saver 	C, CC-6	2000	1850 ^{CP(26°)}		5 ⁵ / ₁₆	
			 14570	75/65PAR/FL/SS	130	15	★Flood, SuperSaver [®] 	C, CC-6	2000	1850 ^{CP(26°)}		5 ⁵ / ₁₆	
			 14567	75/65PAR/SP/SS	120	15	★Spot, SuperSaver [®] 	C, CC-6	2000	5100 ^{CP(13°)}		5 ⁵ / ₁₆	
			 15533	65PAR/SP/ES	120	6	★Spot, Energy Saver 	C, CC-6	2000	5100 ^{CP(13°)}		5 ⁵ / ₁₆	
			 14568	75/65PAR/SP/SS	130	15	★Spot, SuperSaver [®] 	C, CC-6	2000	5100 ^{CP(13°)}		5 ⁵ / ₁₆	
			R-30	Med.	 15025	75/65R30/SP/SS ■	120	24	•Reflector Spot, I.F. ^{6,10,14}	C, CC-6	2000	1600 ^{CP(50°†)}	
			 15023	75/65R30/FL/SS ■	120	24	•Reflector Spot, I.F. ^{6,10,14}	C, CC-6	2000	470 ^{CP(130°†)}		5 ³ / ₈	
	67	A-17	Med.	 17752	75A17/67/SS	120	120	•Inside Frost, SuperSaver [®]	C, CC-8	750	1130		4 ⁵ / ₁₆
				 17756	75A17/67/SS	130	120	•Inside Frost, SuperSaver [®]	C, CC-8	750	1130		4 ⁵ / ₁₆
 17772				75A17/67/SSXL	120	120	Inside Frost, SuperSaver [®] XL	C, CC-8	2500	930	3 ¹ / ₈	4 ⁵ / ₁₆	
 17776				75A17/67/SSXL	130	120	Inside Frost, SuperSaver [®] XL	C, CC-8	2500	930	3 ¹ / ₈	4 ⁵ / ₁₆	
 11968				75A17/67/W/ES/2PK ■	120	24	•Soft White, Energy Saver	C, CC-8	750	1080	3 ¹ / ₈	4 ⁵ / ₁₆	
 11970				75A17/67/W/ES/4PK ■	120	48	•Soft White, Energy Saver	C, CC-8	750	1080	3 ¹ / ₈	4 ⁵ / ₁₆	
	A-21	▼Med.	12466	67A21/40	120	120	Clear, Traffic Signal ⁴⁵	C, C-9	3000	665	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12468	67A21/40	130	120	Clear, Traffic Signal ⁴⁵	C, C-9	3000	665	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12560	67A21/40/8M	120	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	610	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12561	67A21/40/8M	125	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	610	2 ⁷ / ₁₆	4 ⁷ / ₁₆	
			12562	67A21/40/8M	130	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	610	2 ⁷ / ₁₆	4 ⁷ / ₁₆	

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.
69	A-21	Med.	12490	69A21/TS/8M	120	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	675	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12491	69A21/TS/8M	125	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	675	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12492	69A21/TS/8M	130	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	675	2 ⁷ / ₁₆	4 ⁷ / ₁₆
72	MB-19	Med.	18932	72MB/CAP	120	20	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3500	1300	3 ³ / ₈	4 ³ / ₈
			18933	72MB/CAP	130	20	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3500	1300	3 ³ / ₈	4 ³ / ₈
75	A-17	Med.	17742	75A17	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					
			17746	75A17	130	120	•Inside Frosted	C, CC-8	825	1210	3 ¹ / ₈	4 ⁵ / ₁₆
							WE SUGGEST 75A17/67/SS 130 Volts, An Energy Saving Product					
			17762	75A17/99/XL	120	120	•I.F., Excel-Line®	C, CC-8	2500	970	3 ¹ / ₈	4 ⁵ / ₁₆
	A-19	Med.					WE SUGGEST 75A17/67/SSXL 120 Volts, An Energy Saving Product					
			17766	75A17/99/XL	130	120	I.F., Excel-Line®	C, CC-8	2500	970	3 ¹ / ₈	4 ⁵ / ₁₆
							WE SUGGEST 75A17/67/SSXL 130 Volts, An Energy Saving Product					
			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
			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
			12502	75A/CL	130	120	•Clear	C, CC-8	750	1210	3 ¹ / ₈	4 ⁷ / ₁₆
	MB-19	Med.	11337	75A/W/RP/DLSW/2PK	120	24	•Double Life™ Soft White	C, CC-8	1500	1080	3 ¹ / ₈	4 ⁷ / ₁₆
			11331	75A/W/RP/DLSW/4PK	120	48	•Double Life™ Soft White	C, CC-8	1500	1080	3 ¹ / ₈	4 ⁷ / ₁₆
			10967	75A/W/RP	120	24	•Soft White	C, CC-8	750	1180	3 ¹ / ₈	4 ⁷ / ₁₆
							WE SUGGEST 75A17/67/W/ES/2PK 120 Volts, An Energy Saving Product					
			10970	75A/W/RP/4	120	48	•Soft White	C, CC-8	750	1180	3 ¹ / ₈	4 ⁷ / ₁₆
			10968	75A/W/RP	125	24	•Soft White	C, CC-8	750	1180	3 ¹ / ₈	4 ⁷ / ₁₆
75	A-21	Med.	18965	75A/HAL	120	12	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	2250	1300	3 ³ / ₈	4 ³ / ₈
			12300	75A/RX	115-125	120	Ceramic Red, Exit	C, CC-6	(1)			4 ⁷ / ₁₆
			11570	75A21	6	120	Inside Frosted ⁴⁵	C, C-6	1000	1070	3 ⁷ / ₈	5 ⁵ / ₁₆
			11571	75A21	12	120	Inside Frosted ⁴⁵	C, C-6	1000	1420	3 ⁷ / ₈	5 ⁵ / ₁₆
			12546	75A21/RS	120	120	•Inside Frosted, Rough Service ⁴⁵	C, C-17	1000	818	3 ⁷ / ₈	5 ⁵ / ₁₆
			12542	75A21/RS/RP	120	12	•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 ^{24,45}	C, C-17	1000	800	3 ⁷ / ₈	5 ⁵ / ₁₆
			12548	75A21/RS	125-130	120	•Inside Frosted, Rough Service ⁴⁵	C, C-17	1000	818	3 ⁷ / ₈	5 ⁵ / ₁₆
			12974	75A21/D	115-125	120	•Inside Frosted, Daylight ⁴⁵	C, CC-6	750	730		5 ⁵ / ₁₆
			13386	75A21	230	120	•Inside Frosted ⁴⁵	C, C-9	1000	850	3 ⁷ / ₈	5 ⁵ / ₁₆



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-23	Med.	12870	75A23	30	120	•I.F., Train & Country Home ⁴⁵	C, C-9	1000	1230	4 ³ / ₈	6 ¹ / ₁₆
	ER-30	Med.	15100	75ER30	120	24	•I.F., Elliptical Rfl. ^{6,10,14}	C, CC-6	2000	1500 ^{CP} _{<36°†}		6 ³ / ₈
			15101	75ER30	130	24	•I.F., Elliptical Rfl. ^{6,10,14}	C, CC-6	2000	1500 ^{CP} _{<36°†}		6 ³ / ₈
	PAR-16	Med.	59034	75PAR16/CAP/NFL	120	15	Designer 16 [®] Narrow Flood ^{26,32}	C, CC-8	2000	2000 ^{CP} _{<30°††}		2 ⁷ / ₈
			59042	75PAR16/CAP/NFL ■	130	15	Designer 16 [®] Narrow Flood ^{26,32}	C, CC-8	2000	2000 ^{CP} _{<30°††}		2 ⁷ / ₈
			59036	75PAR16/CAP/NSP	120	15	Designer 16 [®] Narrow Spot ^{26,32}	C, CC-8	2000	7500 ^{CP} _{<12°}		2 ⁷ / ₈
			59044	75PAR16/CAP/NSP ■	130	15	Designer 16 [®] Narrow Spot ^{26,32}	C, CC-8	2000	7500 ^{CP} _{<12°}		2 ⁷ / ₈
	PAR-30	Med.	14603	75PAR30/CAP/NFL	120	15	Narrow Flood, Tungsten Halogen Capsylite [®] ₁₀ ²⁶	C, CC-8	2500	3000 ^{CP} _{<32°}		3 ⁵ / ₈
			14627	75PAR30/CAP/NFL ■	130	15	Narrow Flood, Tungsten Halogen Capsylite [®] ₂₆	C, CC-8	2500	3000 ^{CP} _{<30°}		3 ⁵ / ₈
			14604	75PAR30/CAP/NSP	120	15	Narrow Spot, Tungsten Halogen Capsylite [®] ₂₆	C, CC-8	2500	10500 ^{CP} _{<12°}		3 ⁵ / ₈
			14628	75PAR30/CAP/NSP ■	130	15	Narrow Spot, Tungsten Halogen Capsylite [®] ₂₆	C, CC-8	2500	10500 ^{CP} _{<12°}		3 ⁵ / ₈
			14606	75PAR30/CAP/FL	120	15	Flood, Tungsten Halogen Capsylite [®] ₂₆	C, CC-8	2500	1800 ^{CP} _{<42°}		3 ⁵ / ₈
			14629	75PAR30/CAP/FL ■	130	15	Flood, Tungsten Halogen Capsylite [®] ₂₆	C, CC-8	2500	1800 ^{CP} _{<42°}		3 ⁵ / ₈
	PAR-38	Med. Skt.	14513	75PAR/CAP/FL ■	120	15	Flood, Tungsten Halogen Capsylite [®]	C, CC-8	2500	3500 ^{CP} _{<30°}		5 ⁵ / ₁₆
			14515	75PAR/CAP/FL ■	130	15	Flood, Tungsten Halogen Capsylite [®]	C, CC-8	2500	3500 ^{CP} _{<30°}		5 ⁵ / ₁₆
			14514	75PAR/CAP/SP ■	120	15	Spot, Tungsten Halogen Capsylite [®]	C, CC-8	2500	17500 ^{CP} _{<10°}		5 ⁵ / ₁₆
			14516	75PAR/CAP/SP ■	130	15	Spot, Tungsten Halogen Capsylite [®]	C, CC-8	2500	17500 ^{CP} _{<10°}		5 ⁵ / ₁₆
			14510	75PAR/CAP/WSP ■	120	15	Wide Spot, Tungsten Halogen Capsylite [®]	C, CC-8	2500	12000 ^{CP} _{<13°}		5 ⁵ / ₁₆
	PAR-38	Med. Skt.	13830	75PAR/SP	120	12	*Spot ¹⁰	C, CC-6	2000	4500 ^{CP} _{<15°}		5 ⁵ / ₁₆
						WE SUGGEST 75/65PAR/SP/SS 120 Volts, An Energy Saving Product						
			13832	75PAR/SP	125-130	12	*Spot	C, CC-6	2000	4500 ^{CP} _{<15°}		5 ⁵ / ₁₆
						WE SUGGEST 75/65PAR/SP/SS 130 Volts, An Energy Saving Product						
			13824	75PAR/SP/RP ■	120	6	*Spot	C, CC-6	2000	4500 ^{CP} _{<15°}		5 ⁵ / ₁₆
			15518	75PAR/FL/RP	120	6	*Flood ¹⁰	C, CC-6	2000	1800 ^{CP} _{<30°}		5 ⁵ / ₁₆
						WE SUGGEST 75/65PAR/FL/EP 120 Volts, An Energy Saving Product						

PAR 38
MED. SKT.

PAR 38, 46,
MED. SIDE PRONG

PAR 46, 56, 64
SCR. TERM.



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	PAR-38 Med. Skt.		13835	75PAR/FL	125-130	12	*Flood ¹⁰	C, CC-6	2000	1800 _{CP} (30°)		5 ⁵ / ₁₆
							WE SUGGEST 75/65PAR/FL/SS 130 Volts, An Energy Saving Product					
			14975	75PAR38/2FL	115-125	12	*Dichroic Cool-Lux Rfl. Fl. ^{10,14,18}	C, CC-6	2000	1800 _{CP} (30°)		5 ⁵ / ₁₆
			15524	75PAR38/2FL	125-130	12	*Dichroic Cool-Lux Rfl. Fl. ^{10,14,18}	C, CC-6	2000	1800 _{CP} (30°)		5 ⁵ / ₁₆
	PAR-38 Med. Side Prong		13850	75PAR/3FL	120	12	*Compact Flood ¹⁰	C, CC-6	2000	1800 _{CP} (30°)		4 ⁵ / ₁₆
			13844	75PAR/3SP	120	12	*Compact Spot ¹⁰	C, CC-6	2000	4500 _{CP} (15°)		4 ⁵ / ₁₆
	PAR-46 Scr. Term		15200	75PAR46	48	12	*Cl., Mine Locomotive Headlite ¹⁰	C, CC-2V	800	14500 _{CP} (20°)		4
	R-30 Med.		15038	75R30/SP	120	24	*Reflector Spot, I.F. ^{6,10,14}	C, CC-6	2000	1600 _{CP} (50°)		5 ³ / ₈
			15069	75R30/SP/RP	120	6	*Reflector Spot, I.F. ^{6,10,14}	C, CC-6	2000	1600 _{CP} (50°)		5 ³ / ₈
			15040	75R30/SP	125-130	24	*Reflector Spot, I.F. ^{6,10,14}	C, CC-6	2000	1600 _{CP} (50°)		5 ³ / ₈
			15041	75R30/FL	120	24	*Reflector Flood, I.F. ^{6,10,14}	C, CC-6	2000	470 _{CP} (130°)		5 ³ / ₈
							WE SUGGEST 50PAR30/LN/CAP/WFL 120 Volts, An Energy Saving Product					
Reflector			15068	75R30/FL/RP	120	6	*Reflector Flood, I.F. ^{6,10,14}	C, CC-6	2000	470 _{CP} (130°)		5 ³ / ₈
			15079	75R30/FL/6	120	6	*Reflector Flood, I.F. ^{6,10,14}	C, CC-6	2000	470 _{CP} (130°)		5 ³ / ₈
			15043	75R30/FL	125-130	24	*Reflector Flood, I.F. ^{6,10,14}	C, CC-6	2000	470 _{CP} (130°)		5 ³ / ₈
							WE SUGGEST 50ER30 130 Volts, An Energy Saving Product					
Reflector			15045	75R30/FL/SL	125-130	24	*Rfl. Flood, I.F., Safeline® Coated ^{6,10,14}	C, CC-6	2000			5 ³ / ₈
			15087	75R30/A/RP	115-125	6	*Rfl. Light I.F. Amber ^{4,10,14}	C, CC-6	2000			5 ³ / ₈
			15083	75R30/B/RP	115-125	6	*Rfl. Light I.F. Blue ^{6,10,14}	C, CC-6	2000			5 ³ / ₈
			15082	75R30/G/RP	115-125	6	*Rfl. Light I.F. Green ^{6,10,14}	C, CC-6	2000			5 ³ / ₈
			15084	75R30/PK/RP	115-125	6	*Rfl. Light I.F. Pink ^{6,10,14}	C, CC-6	2000			5 ³ / ₈
							WE SUGGEST 50ER30/PK 120 Volts, An Energy Saving Product					
			15085	75R30/R/RP	115-125	6	*Rfl. Light I.F. Red ^{6,10,14}	C, CC-6	2000			5 ³ / ₈
			15086	75R30/Y/RP	115-125	6	*Rfl. Light I.F. Yellow ^{6,10,14}	C, CC-6	2000			5 ³ / ₈
			15104	75R30/GRO	120	6	*Reflector Spot-GRO	C, CC-6	2000			5 ³ / ₈
	R-40 Med.		15063	75R/FL	120	24	*I.F., Reflector Flood ⁶	C, CC-6	2000	460 _{CP} (120°)		6 ¹ / ₂
			15064	75R/FL/RP	120	6	I.F., Reflector Flood ⁶	C, CC-16	2000	460 _{CP} (120°)		6 ¹ / ₂
			15062	75R/FL	125-130	24	*I.F., Reflector Flood ⁶	C, CC-6	2000	460 _{CP} (120°)		6 ¹ / ₂

PAR 38
MED. SKT.



A-15-19



PAR 38, 46,
MED. SIDE PRONG



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.
80	PAR-38	Med. Skt.	13899	100/80PAR/FL/SS	120	15	★Flood, SuperSaver® ¹⁰	C, CC-6	2000	2700 ^{CP(22°)}		5 ^{5/16}
			13898	100/80PAR/SP/SS	120	15	★Spot, SuperSaver® ¹⁰	C, CC-6	2000	7000 ^{CP(14°)}		5 ^{5/16}
			13962	100/80PAR/FL/SS	130	15	★Flood, SuperSaver® ¹⁰	C, CC-6	2000	2700 ^{CP(22°)}		5 ^{5/16}
90	A-17	Med.	17753	100A17/90/SS	120	120	★Inside Frost, SuperSaver®	C, CC-8	750	1620	3 ^{1/8}	4 ^{5/16}
			17757	100A17/90/SS	130	120	★Inside Frost, SuperSaver®	C, CC-8	750	1620	3 ^{1/8}	4 ^{5/16}
			17773	100A17/90/SSXL	120	120	Inside Frost, SuperSaver®XL	C, CC-8	2500	1360	3 ^{1/8}	4 ^{5/16}
			17777	100A17/90/SSXL	130	120	Inside Frost, SuperSaver®XL	C, CC-8	2500	1360	3 ^{1/8}	4 ^{5/16}
			11972	100A17/90/W/ES/2PK	120	24	★Soft White, Energy Saver	C, CC-8	750	1540	3 ^{1/8}	4 ^{5/16}
			11974	100A17/90/W/ES/4PK	120	48	★Soft White, Energy Saver	C, CC-8	750	1540	3 ^{1/8}	4 ^{5/16}
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.	15545	90PAR/HAL/FL	120	6	★Flood, Energy Saver Plus ¹⁰	C, CC-8	2500	4000 ^{CP(30°)}		5 ^{5/16}
			14579	90PAR/CAP/FL	120	15	★Flood, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	4000 ^{CP(30°)}		5 ^{5/16}
			14602	90PAR/CAP/WFL	130	15	★Flood, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	2500 ^{CP(55°)}		5 ^{5/16}
			14577	90PAR/CAP/FL	130	15	★Flood, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	4000 ^{CP(30°)}		5 ^{5/16}
			14580	90PAR/CAP/SP	120	15	★Spot, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	11,500 ^{CP(15°)}		5 ^{5/16}
			14578	90PAR/CAP/SP	130	15	★Spot, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	11,500 ^{CP(15°)}		5 ^{5/16}
			14586	90PAR/CAP/NSP	120	15	★Narrow Spot, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	22,500 ^{CP(9°)}		5 ^{5/16}
			14587	90PAR/CAP/NSP	130	15	★Narrow Spot, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	22,500 ^{CP(9°)}		5 ^{5/16}
			14971	90PAR/CAP/2FL	120	15	★Flood, Dichroic Coated Cool-Lux Reflector, Tungsten Halogen Capsylite® ^{18,26}	C, CC-8	2500	3800 ^{CP(30°)}		5 ^{5/16}
			14972	90PAR/CAP/2SP	120	15	★Spot, Dichroic Coated Cool-Lux Reflector, Tungsten Halogen Capsylite® ^{18,26}	C, CC-8	2500	10,000 ^{CP(15°)}		5 ^{5/16}
	PAR-38	Med. Side Prong	14632	90PAR/CAP/3FL	120	15	★Flood, Tungsten Halogen Capsylite® ¹⁰	C, CC-8	2500	4000 ^{CP(30°)}		4 ^{5/16}



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	PAR-38	Med. Side Prong	14630	90PAR/CAP/3SP ■	120	15	*Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	11,500CP<15°		4 5/16
92	A-23	Med.	13008	92A23/49	120	120	Clear, St. Ltg., Gr. Repl. ⁴⁵	C, C-9	3000	1153	4 3/8	6 1/16
			13009	92A23/49	125	120	Clear, St. Ltg., Gr. Repl. ⁴⁵	C, C-9	3000	1153	4 3/8	6 1/16
100	A-17	Med.	17743	100A17	120	120	•Inside Frosted WE SUGGEST 100A17/90/SS 120 Volts, An Energy Saving Product	C, CC-8	825	1750	3 1/8	4 5/16
			17747	100A17	130	120	•Inside Frosted WE SUGGEST 100A17/90/SS 130 Volts, An Energy Saving Product	C, CC-8	825	1750	3 1/8	4 5/16
			17763	100A17/99/XL	120	120	Inside Frosted Excel-Line® WE SUGGEST 100A17/90/SSXL 120 Volts, An Energy Saving Product	C, CC-8	2500	1490	3 1/8	4 7/16
			17768	100A17/99/XL	130	120	Inside Frosted Excel-Line® WE SUGGEST 100A17/90/SSXL 130 Volts, An Energy Saving Product	C, CC-8	2500	1490	3 1/8	4 7/16
	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
			12529	100A/CL	120	120	•Clear	C, CC-8	750	1750	3 1/8	4 7/16
			11226	100A/CL/RP	120	24	•Clear	C, CC-8	750	1750	3 1/8	4 7/16
			12531	100A/CL	130	120	•Clear	C, CC-8	750	1750	3 1/8	4 7/16
			12805	100A/W/RP/DLSW/2PK ■	120	24	•Double Life™ Soft White	C, CC-8	1500	1585		4 7/16
			11332	100A/W/RP/DLSW/4PK ■	120	48	•Double Life™ Soft White	C, CC-8	1500	1585		4 7/16
			12752	100A/W/RP	120	24	•Soft White WE SUGGEST 100A17/90/W/ES/2PK 120 Volts, An Energy Saving Product	C, CC-8	750	1710		4 7/16
			12770	100A/W/RP/4 ■	120	48	•Soft White	C, CC-8	750	1710		4 7/16
			12753	100A/W/RP	125	24	•Soft White	C, CC-8	750	1710		4 7/16
	MB-19	Med.	18970	100A/HAL ■	120	12	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	2250	1880	3 3/8	4 3/8
	A-19	Med.	12766	100A/SPK/RP	115-125	24	•Soft Pink	C, CC-8	1000	1290		4 7/16
			12763	100A/Y/RP	115-125	24	•Yellow Bug-lite	C, CC-8	1000			4 7/16
	A-21	Med.	11659	100A21/3	32	120	Locomotive Headlight ⁴⁵	C, C-5	500	1580	3	4 7/16
			12871	100A21	120	120	•Inside Frost ⁴⁵	C, CC-8	750	1690	3 7/8	5 5/16
			12872	100A21	125	120	•Inside Frost ⁴⁵	C, CC-8	750	1690	3 7/8	5 5/16
			12873	100A21	130	120	•Inside Frost ⁴⁵	C, CC-8	750	1690	3 7/8	5 5/16
			12867	100A21/CL	120	120	•Clear ⁴⁵	C, CC-8	750	1690	3 7/8	5 5/16
			12869	100A21/CL	130	120	•Clear ⁴⁵	C, CC-8	750	1690	3 7/8	5 5/16
			12975	100A21/RS	115	120	•I.F., Rough Service ⁴⁵	C, C-17	1000	1260	3 7/8	5 5/16
			12976	100A21/RS	120	120	•I.F., Rough Service ⁴⁵	C, C-17	1000	1260	3 7/8	5 5/16
			12985	100A/RS/RP	120	12	•I.F., Rough Service ⁴⁵	C, C-17	1000	1260	3 7/8	5 5/16



Watts	Bulb	Base	VENDOR ID NO. DCI 045135 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.	12978	100A21/RS	125-130	120	•I.F., Rough Service ⁴⁵	C, C-17	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			12955	100A/CL/RS	120	120	•Clear, Rough Service ⁴⁵	C, C-17	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			12957	100A/CL/RS	125-130	120	•Clear, Rough Service ⁴⁵	C, C-17	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			12905	100A21/99/XL	120	120	Inside Frosted Excel-Line ^{®45}	C, CC-8	2500	1455	3 ⁷ / ₈	5 ⁵ / ₁₆
			12936	100A21/99/XL	130	120	Inside Frosted Excel-Line ^{®45}	C, CC-8	2500	1455	3 ⁷ / ₈	5 ⁵ / ₁₆
			13215	100A/VS	120	120	•I.F., Vibration ⁴⁵	C, C-9	1000	1405	3 ⁷ / ₈	5 ⁵ / ₁₆
			13217	100A/VS	130	120	•I.F., Vibration ⁴⁵	C, C-9	1000	1405	3 ⁷ / ₈	5 ⁵ / ₁₆
			13219	100A/CL/VS	120	120	•Clear, Vibration ⁴⁵	C, C-9	1000	1405	3 ⁷ / ₈	5 ⁵ / ₁₆
			13197	100A/1SBIF	120	120	•I.F., Silver Bowl ⁴⁵	C, CC-6	1000	1350		5 ⁵ / ₁₆
			13198	100A/1SBIF	125-130	120	•I.F., Silver Bowl ⁴⁵	C, CC-6	1000	1350		5 ⁵ / ₁₆
			12825	100A21/TS	120	120	•Clear, Traffic Signal ⁴⁵	C, C-9	2000	1275	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12826	100A21/TS □	125	120	•Clear, Traffic Signal ⁴⁵	C, C-9	2000	1275	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			12827	100A21/TS	130	120	•Clear, Traffic Signal ⁴⁵	C, C-9	2000	1275	2 ⁷ / ₁₆	4 ⁷ / ₁₆
			15090	100A21/SP	120	120	Spotlight ⁴⁵	C, C-5	200	1355	3	4 ⁷ / ₁₆
			13405	100A21	230	120	•Inside Frosted ⁴⁵	C, C-9	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			13407	100A21	250	120	•Inside Frosted ⁴⁵	C, C-9	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			13401	100A/CL	250	120	•Clear ⁴⁵	C, C-7A	1000	1260	3 ⁷ / ₈	5 ⁵ / ₁₆
			13393	100A/99/XL	230-250	120	Inside Frosted ⁴⁵	C, C-7A	2500	1085	3 ⁷ / ₈	5 ⁵ / ₁₆
			13398	100A	277	120	•Inside Frosted, Mine ⁴⁵	C, C-7A	1000	1200	3 ⁷ / ₈	5 ⁵ / ₁₆
			13411	100A	300	120	•Inside Frosted, Mine ⁴⁵	C, C-7A	1000	1180	3 ⁷ / ₈	5 ⁵ / ₁₆
Med. L.H.T.			12961	100A/RS	250	120	I.F., Rough Service ⁴⁵	C, C-17	1000	1050	3 ⁷ / ₈	5 ⁵ / ₁₆
			13359	100A/RS	277	120	I.F., Rough Service ⁴⁵	C, C-17	1000	1020	3 ⁷ / ₈	5 ⁵ / ₁₆
			12835	100A21/SL	120	120	Safeline, Inside Frosted ^{24,45}	C, CC-8	750	1655	3 ⁷ / ₈	5 ⁵ / ₁₆
			12984	100A21/RS/SL	115-125	120	Rough Service Safeline ^{24,45}	C, C-17	1000	1235	3 ⁷ / ₈	5 ⁵ / ₁₆
			12907	100A/LHT	120	120	I.F., Left Hand, Thread ⁴⁵	C, CC-8	750	1690	3 ⁷ / ₈	5 ⁵ / ₁₆
			12908	100A/LHT	125	120	I.F., Left Hand, Thread ⁴⁵	C, CC-8	750	1690	3 ⁷ / ₈	5 ⁵ / ₁₆
A-23	Med.		12856	100A	12	120	Inside Frosted ⁴⁵	C, C-6	1000	2000	4 ³ / ₈	6 ¹ / ₁₆
			12874	100A	32	120	•Inside Frosted, Train ⁴⁵	C, C-9	1000	1800	4 ³ / ₈	6 ¹ / ₁₆
			12860	100A	34	120	•Inside Frosted, Train ⁴⁵	C, C-9	1000	1800	4 ³ / ₈	6 ¹ / ₁₆
			13072	100A23	120	120	•Inside Coated ⁴⁵	C, CC-8	750	1610	4 ³ / ₈	6 ¹ / ₁₆
			13064	100A/D	115-125	120	•Inside Frosted, Daylight ⁴⁵	C, C-9	750	910	4 ³ / ₈	6 ¹ / ₁₆
			13066	100A/D	130	120	•Inside Frosted, Daylight ⁴⁵	C, C-9	750	910	4 ³ / ₈	6 ¹ / ₁₆
			13270	100A/B	115-125	120	•Ceramic Blue ⁴⁵	C, C-9	750	910		6 ¹ / ₁₆
			13273	100A/G	115-125	120	•Ceramic Green ⁴⁵	C, C-9	750	910		6 ¹ / ₁₆



Med.

Med.
L.H.T.

A-23 Med.
























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-23	Med.	13271	100A/O	115-125	120	•Ceramic Orange ⁴⁵	C, C-9	750	910		6 1/16
			13272	100A/R	115-125	120	•Ceramic Red ⁴⁵	C, C-9	750	910		6 1/16
			13274	100A/R2	115-125	120	•Ceramic Rose ⁴⁵	C, C-9	750	910		6 1/16
			13070	100A/DCL	115-125	120	•Clear Daylight ⁴⁵	C, C-9	750	910	4 3/8	6 1/16
			13276	100A23/20	115-125	120	Clear, Bake Oven ⁴⁵	C, C-9	1000	1390	4 3/8	6 1/16
			12855	100A23/LHT	12	120	I.F. Left Hand Thread ⁴⁵	C, C-6	1000	2000	4 3/4	6 1/16
	G-16 1/2	D.C. Bay	12875	100A/LHT	30	120	I.F. Left Hand Thread ⁴⁵	C, C-9	1000	1800	4 3/4	6 1/16
			17264	100G16 1/2/29DC	120	60	Clear, Spotlight ³⁰	C, C-2V	200	1660		3
			14143	100PAR/FL	115-125	12	★Flood ¹⁴	C, CC-6	2000	2400 ^{CP<30°}		5 5/16
			14144	100PAR/SP	115-125	12	★Spot ¹⁴	C, CC-6	2000	6600 ^{CP<15°}		5 5/16
			13958	100PAR38/2FL	12	12	★Clear Mine Flood ¹⁴	C, C-6	1000			5 5/16
			13935	100PAR/FL/A/RP	115-125	4	★Silicone Coated Amber Flood ¹⁴	C, CC-6	2000			5 5/16
			13938	100PAR/FL/B/RP	115-125	4	★Silicone Coated Blue Flood ¹⁴	C, CC-6	2000			5 5/16
			14135	100PAR/FL/BW/RP	115-125	4	★Silicone Coated Blue White Flood ¹⁴	C, CC-6	2000			5 5/16
			13939	100PAR/FL/G/RP	115-125	4	★Silicone Coated Green Flood ¹⁴	C, CC-6	2000			5 5/16
			13940	100PAR/FL/PK/RP	115-125	4	★Silicone Coated Pink Flood ¹⁴	C, CC-6	2000			5 5/16
			13937	100PAR/FL/R/RP	115-125	4	★Silicone Coated Red Flood ¹⁴	C, CC-6	2000			5 5/16
			13936	100PAR/FL/Y/RP	115-125	4	★Silicone Coated Yellow Flood ¹⁴	C, CC-6	2000			5 5/16
			MSP	13852	100PAR38/3FL	12	12 ★Clear Mine Flood ¹⁴	C, C-6	1000			4 5/16
			PAR-46	15187	100PAR46	60	12 ★Stippled Clear Mine Headlight ¹⁴	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
100 200 300	R-40	Med.	14770	100R/FL	120	24	•I.F., Reflector Flood ⁶	C, CC-6	2000			6 1/2
			WE SUGGEST 75ER30 120 Volts, An Energy Saving Product									
			14771	100R/FL	125-130	24	•I.F., Reflector Flood ⁶	C, CC-6	2000	900 ^{CP<120°†}		6 1/2
			WE SUGGEST 75ER30 130 Volts, An Energy Saving Product									
			14752	100R/SP	120	24	•I.F., Reflector Spot ⁶	C, CC-6	2000	5000 ^{CP<35°†}		6 1/2
100 200 300	PS-25	▼3C Mog.	14374	100/300/RP	120	12	•Three-Way	C, CC-8	1200	1400 3540 4940		6 3/4
			14375	100/300/RP	125	12	•Three-Way	C, CC-8	1200	1400 3540 4940		6 3/4
101	A-23	Med.	13302	101A23	125	120	I.F., Street Railway ⁴⁵	C, C-9	1500	1165	4 3/8	6 1/16
103	A-23	Med.	13340	103A23	125	120	Clear Street Lighting ⁴⁵	C, C-9	6000	1155	4 3/8	6 1/16
105	A-23	Med.	13353	K105	120	120	Clear St. Ltg. Krypton ^{15,45}	C, C-9	12000	1120	4 3/8	5 1/16

PAR 38
MED. SKT.PAR 38, 46,
MED. SIDE PRONGPAR 46, 56, 64
SCR. TERM.

A-15-19



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.
105	A-23	Med.	13354	K105	125	120	Clear St. Ltg. Krypton ^{15,45}	C, C-9	12000	1120	4 ³ / ₁₆	6 ¹ / ₁₆
107	A-21	▼Med.	12821	107A21/TS	120	120	Clear, Traffic Signal ⁴⁵	C, C-9	3000	1287	1 ⁷ / ₁₆	4 ⁷ / ₁₆
		▼	12822	106A21/TS	130	120	Clear, Traffic Signal ⁴⁵	C, C-9	3000	1287	2 ⁷ / ₁₆	5 ⁷ / ₁₆
110	R-30	Med.	13285	110R30/FL/RS	120	60	Reflector Flood, R.S. ^{14,45}	C, C-17	2000			5 ³ / ₈
116	A-21	▼Med.	12823	116A21/TS	130	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	1277	2 ⁷ / ₁₆	4 ⁷ / ₁₆
		▼	12824	116A21/TS	125	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	1277	2 ⁷ / ₁₆	4 ⁷ / ₁₆
		▼	12816	116A21/TS	130	120	Clear, Traffic Signal ⁴⁵	C, C-9	8000	1277	2 ⁷ / ₁₆	4 ⁷ / ₁₆
		▼	12841	116A21/TS/W	120	120	White, Traffic Signal ⁴⁵	C, C-9	8000		2 ⁷ / ₁₆	4 ⁷ / ₁₆
120	ER-40	Med.	 15166	120ER40	120	24	•I.F. Elliptical Rfl. ^{6,10,14}	C, CC-6	2000	2350 _{CP} ^{32°+}		7 ³ / ₈
			 15168	120ER40	130	24	•I.F. Elliptical Rfl. ^{6,10,14}	C, CC-6	2000	2350 _{CP} ^{32°+}		7 ³ / ₈
	PAR-38	Med. Skt.	13943	150/120PAR/FL/SS	120	15	★Flood, SuperSaver [®] 	C, CC-6	2000	4000 _{CP} ^{27°}		5 ⁵ / ₁₆
			 15534	120PAR/FL/ES	120	6	★Flood, Energy Saver 	C, CC-6	2000	4000 _{CP} ^{27°}		5 ⁵ / ₁₆
			 13945	150/120PAR/FL/SS	130	15	★Flood, SuperSaver [®] 	C, CC-6	2000	4000 _{CP} ^{27°}		5 ⁵ / ₁₆
			 13944	150/120PAR/SP/SS	120	15	★Spot, SuperSaver [®] 	C, CC-6	2000	12000 _{CP} ^{14°}		5 ⁵ / ₁₆
			 15535	120PAR/SP/ES	120	6	★Spot, Energy Saver 	C, CC-6	2000	12000 _{CP} ^{14°}		5 ⁵ / ₁₆
			 13946	150/120PAR/SP/SS	130	15	★Spot, SuperSaver [®] 	C, CC-6	2000	12000 _{CP} ^{14°}		5 ⁵ / ₁₆
	Med. Side Prong		 14572	150/120PAR/3FL/SS	120	15	★Flood, SuperSaver [®] 	C, CC-6	2000	4000 _{CP} ^{27°}		4 ⁵ / ₁₆
			 14571	150/120PAR/3SP/SS	120	15	★Spot, SuperSaver [®] 	C, CC-6	2000	12000 _{CP} ^{14°}		4 ⁵ / ₁₆
	PAR-64	Scr. Term	14987	120PAR64/VNSP	6	6	★Very Nar. Spot ^{9,15,25}	C, C-6	2000	225000 _{CP} ^{41/2°x7°+}		4
125	G-30	Med. Skt.	14737	125G30	115-125	60	Infrared, Industrial	C, C-11	5000+		5	7 ⁵ / ₁₆
	R-40	Med. Skt.	14744	125R40	115-125	24	Infrared, Industrial ⁶	C, C-11	5000+			7 ¹ / ₄
133	A-23	Med.	13350	133A23/CL	120	120	Cl., St. Ltg., Gr. Replace. ⁴⁵	C, C-9	3000	1790	4 ³ / ₁₆	6 ¹ / 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	3 ¹ / ₈	4 ⁷ / ₁₆
135	A-21	Med.	 12861	150A/135/SS	120	60	•Inside Frost, SuperSaver [®] ⁴⁵	C, CC-8	750	2580	3 ⁷ / ₈	5 ¹ / ₂
			 12862	150A/135/SS	130	60	•Inside Frost, SuperSaver [®] ⁴⁵	C, CC-8	750	2580	3 ⁷ / ₈	5 ¹ / ₂
	A-19	Med.	 12830	150A/135/SSXL	120	120	Inside Frost, SuperSaver [®] XL	C, CC-8	2500	2135	3 ¹ / ₈	4 ⁷ / ₁₆
			 12831	150A/135/SSXL	130	120	Inside Frost, SuperSaver [®] XL	C, CC-8	2500	2135	3 ¹ / ₈	4 ⁷ / ₁₆
150	A-21	Med.	13131	150A	120	60	•Inside Frost ⁴⁵	C, CC-8	750	2850	3 ⁷ / ₈	5 ⁵ / ₁₆

 WE SUGGEST 150A/135/SS 120 Volts, An Energy Saving Product

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.
150	A-21	Med.	Syl. Item No.									
			13130	150A/RP ■	120	12	•Inside Frost	C, CC-8	750	2850	3 $\frac{7}{8}$	5 $\frac{5}{16}$
			13132	150A	125	60	•Inside Frost ⁴⁵	C, CC-8	750	2850	3 $\frac{7}{8}$	5 $\frac{5}{16}$
			13133	150A	130	60	•Inside Frost ⁴⁵	C, CC-8	750	2850	3 $\frac{7}{8}$	5 $\frac{5}{16}$
				E10 WE SUGGEST 150A/135/SS 130 Volts, An Energy Saving Product								
			13135	150A/CL	120	60	•Clear ⁴⁵	C, CC-8	750	2850	3 $\frac{7}{8}$	5 $\frac{5}{16}$
			13137	150A/CL	130	60	•Clear ⁴⁵	C, CC-8	750	2850	3 $\frac{7}{8}$	5 $\frac{5}{16}$
			13101	150A/W/RP	120	12	•Soft White, Kitchen Lite	C, CC-8	750	2780	3 $\frac{7}{8}$	5 $\frac{5}{16}$
			13102	150A/W/RP	125	12	•Soft White, Kitchen Lite	C, CC-8	750	2780	3 $\frac{7}{8}$	5 $\frac{5}{16}$
A-23	Med.		13043	150A23	120	60	•Inside Frost ⁴⁵	C, CC-8	750	2810	4 $\frac{5}{8}$	6 $\frac{3}{16}$
			13044	150A23	125	60	•Inside Frost ⁴⁵	C, CC-8	750	2810	4 $\frac{5}{8}$	6 $\frac{3}{16}$
			13045	150A23	130	60	•Inside Frost ⁴⁵	C, CC-8	750	2810	4 $\frac{5}{8}$	6 $\frac{3}{16}$
			13037	150A23/CL	120	60	•Clear ⁴⁵	C, CC-8	750	2810	4 $\frac{5}{8}$	6 $\frac{3}{16}$
			13039	150A23/CL	130	60	•Clear ⁴⁵	C, CC-8	750	2810	4 $\frac{5}{8}$	6 $\frac{3}{16}$
			13167	150A/99/XL	120	60	Inside Frost Excel-Line ^{®45}	C, CC-8	2500	2380	4 $\frac{5}{8}$	6 $\frac{3}{16}$
				E10 WE SUGGEST 150A/135/SSXL 120 Volts, An Energy Saving Product								
			13169	150A/99/XL	130	60	Inside Frost Excel-Line ^{®45}	C, CC-8	2500	2380	4 $\frac{5}{8}$	6 $\frac{3}{16}$
				E10 WE SUGGEST 150A/135/SSXL 130 Volts, An Energy Saving Product								
			13164	150A/99CL/XL	120	60	Clear, Excel-Line ^{®45}	C, CC-8	2500	2380	4 $\frac{5}{8}$	6 $\frac{3}{16}$
			13166	150A/99CL/XL	130	60	Clear, Excel-Line ^{®45}	C, CC-8	2500	2380	4 $\frac{5}{8}$	6 $\frac{3}{16}$
			15240	150A/RS	120	60	•I.F., Rough Service ⁴⁵	C, C-17	1000	2125	4 $\frac{3}{8}$	6 $\frac{1}{16}$
			15242	150A/RS	125-130	60	•I.F., Rough Service ⁴⁵	C, C-17	1000	2125	4 $\frac{3}{8}$	6 $\frac{1}{16}$
			15244	150A/CL/RS	120	60	•Clear, Rough Serv. ⁴⁵	C, C-17	1000	2125	4 $\frac{3}{8}$	6 $\frac{1}{16}$
			15249	150A/CL/RS	125-130	60	Clear, Rough Serv. ⁴⁵	C, C-17	1000	2125	4 $\frac{3}{8}$	6 $\frac{1}{16}$
			13080	150A/Y	115-125	60	•Yellow Buglite ⁴⁵	C, CC-6	1000			6 $\frac{5}{16}$
P-25	Med.		15026	150P25/2 □	120	60	Cl., Hard Glass Button, Spotlight	C, C-5	200	2100	3	4 $\frac{3}{4}$
			15014	150P25/2SB	120	60	Cl., Hard Glass Button, Silver Bowl ¹⁴	C, C-5	200			4 $\frac{3}{4}$
			15028	150P25/8	120	60	Med I.F., Hd. Gl. Button, Spotlight	C, C-5	200	2100	3	4 $\frac{3}{4}$
			15010	150P25/10	120	60	Light I.F., Hard Glass Button, Spotlight	C, C-5	200	2100	3	4 $\frac{3}{4}$
			15011	150P25/10	125	60	Light I.F., Hard Glass Button, Spotlight	C, C-5	200	2100	3	4 $\frac{3}{4}$
PAR-38	Med. Skt.		13837	150PAR/SP	120	12	★Spot ¹⁰³³	C, CC-6	2000	11500 _{CP(15°)}		5 $\frac{5}{16}$
				E10 WE SUGGEST 150/120PAR/SP/SS 120 Volts, An Energy Saving Product								
			15529	150PAR/SP/RP	120	6	★Spot ¹⁰³³	C, CC-6	2000	11500 _{CP(15°)}		5 $\frac{5}{16}$
				E10 WE SUGGEST 120PAR/SP/EP 120 Volts, An Energy Saving Product								
			13839	150PAR/SP	125-130	12	★Spot ¹⁰³³	C, CC-6	2000	11500 _{CP(15°)}		5 $\frac{5}{16}$
				E10 WE SUGGEST 150/120PAR/SP/SS 130 Volts, An Energy Saving Product								

PAR 38
MED. SKT.



PAR 38, 46,
MED. SIDE PRONG



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.	13841	150PAR/FL	120	12	*Flood I^{U}_{33}	C, CC-6	2000	4000 $\text{CP}^{\langle 40^{\circ}$		5 $\frac{5}{16}$
							WE SUGGEST 150/120PAR/FL/SS 120 Volts, An Energy Saving Product					
			15516	150PAR/FL/RP	120	6	*Flood I^{U}_{33}	C, CC-6	2000	4000 $\text{CP}^{\langle 40^{\circ}$		5 $\frac{5}{16}$
							WE SUGGEST 120PAR/FL/EP 120 Volts, An Energy Saving Product					
			13843	150PAR/FL	125-130	12	*Flood I^{U}_{33}	C, CC-6	2000	4000 $\text{CP}^{\langle 40^{\circ}$		5 $\frac{5}{16}$
							WE SUGGEST 150/120PAR/FL/SS 130 Volts, An Energy Saving Product					
			14970	150PAR38/2SP	115-125	12	*Dichroic Coated Cool-Lux Reflector, Spot I^{U}_{18}	C, CC-6	2000	11500 $\text{CP}^{\langle 15^{\circ}$		5 $\frac{5}{16}$
							WE SUGGEST 90PAR38/CAP/2SP 120 Volts, An Energy Saving Product					
			14969	150PAR38/2FL	115-125	12	*Dichroic Coated Cool-Lux Reflector, Flood I^{U}_{18}	C, CC-6	2000	4000 $\text{CP}^{\langle 30^{\circ}$		5 $\frac{5}{16}$
							WE SUGGEST 90PAR38/CAP/2FL 120 Volts, An Energy Saving Product					
			15523	150PAR/2FL	130	12	*Dichroic Coated Cool-Lux Reflector, Flood I^{U}_{18}	C, CC-6	2000	4000 $\text{CP}^{\langle 30^{\circ}$		5 $\frac{5}{16}$
	PAR-38	Med. Skt.	14597	150PAR/CAP/FL	120	15	*Flood, Tungsten Halogen Capsylite® I^{U}_{26}	C, CC-8	3000	7500 $\text{CP}^{\langle 30^{\circ}$		5 $\frac{5}{16}$
			14598	150PAR/CAP/FL	130	15	*Flood, Tungsten Halogen Capsylite® I^{U}_{26}	C, CC-8	3000	7500 $\text{CP}^{\langle 30^{\circ}$		5 $\frac{5}{16}$
			14595	150PAR/CAP/SP	120	15	*Spot, Tungsten Halogen Capsylite® I^{U}_{26}	C, CC-8	3000	25000 $\text{CP}^{\langle 10^{\circ}$		5 $\frac{5}{16}$
			14596	150PAR/CAP/SP	130	15	*Spot, Tungsten Halogen Capsylite® I^{U}_{26}	C, CC-8	3000	25000 $\text{CP}^{\langle 10^{\circ}$		5 $\frac{5}{16}$
			14599	150PAR/CAP/NSP	120	15	*Narrow Spot, Tungsten Halogen Capsylite® I^{U}_{26}	C, CC-8	3000	37500 $\text{CP}^{\langle 9^{\circ}$		5 $\frac{5}{16}$
			14600	150PAR/CAP/NSP	130	15	*Narrow Spot, Tungsten Halogen Capsylite® I^{U}_{26}	C, CC-8	3000	37500 $\text{CP}^{\langle 9^{\circ}$		5 $\frac{5}{16}$
	PAR-38	Med. Skt.	13871	150PAR/SP/A	115-125	12	*Dichroic Coated Lens, Amber, Spot $\text{I}^{\text{U}}_{14,22}$	C, CC-6	2000			5 $\frac{5}{16}$
			13867	150PAR/SP/B	115-125	12	*Dichroic Coated Lens, Blue, Spot $\text{I}^{\text{U}}_{14,22}$	C, CC-6	2000			5 $\frac{5}{16}$
			13869	150PAR/SP/G	125	12	*Dichroic Coated Lens, Green, Spot $\text{I}^{\text{U}}_{14,22}$	C, CC-6	2000			5 $\frac{5}{16}$
			13870	150PAR/SP/R	115-125	12	*Dichroic Coated Lens, Red, Spot $\text{I}^{\text{U}}_{14,22}$	C, CC-6	2000			5 $\frac{5}{16}$
			13868	150PAR/SP/Y	115-125	12	*Dichroic Coated Lens, Yellow, Spot $\text{I}^{\text{U}}_{14,22}$	C, CC-6	2000	13700 $\text{CP}^{\langle 24 \times 27^{\circ}$		5 $\frac{5}{16}$
	Med. Side Prong		13857	150PAR/4	120-130	12	*Clear, Mine Spot I^{U}_9	C, C-13	2000			4 $\frac{4}{16}$
			13957	150PAR38/3FL	12	12	*Clear, Mine Flood I^{U}_9	C, C-6	1000			4 $\frac{4}{16}$
			13847	150PAR/3SP	120	12	*Compact Spot I^{U}_9	C, CC-6	2000	11500 $\text{CP}^{\langle 18^{\circ}$		4 $\frac{4}{16}$
							WE SUGGEST 90PAR38/CAP/3SP 120 Volts, An Energy Saving Product					

PAR 38, 46,
MED. SIDE PRONG



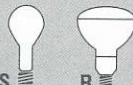
PAR 38
MED. SKT.



PAR 46, 56, 64
SCR. TERM.



PS



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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. Side Prong	13848	150PAR/3SP	125-130	12	*Compact Spot	C, CC-6	2000	11500CP<15°		4 5/16
			13873	150PAR38/FL	32	11	*Clear, Mine Flood	C, CC-8	1000			4 5/16
			13853	150PAR/3FL	120	12	*Compact Flood	C, CC-6	2000	4000CP<30°		4 5/16
				WE SUGGEST 90PAR38/CAP/3FL 120 Volts, An Energy Saving Product								
			13854	150PAR/3FL	125-130	12	*Compact Flood	C, CC-6	2000	4000CP<30°		4 5/16
			13855	150PAR/3VWFL	120-130	12	*Mine, Anti Vibration	C, C-13	1000			4 5/16
	Med. Skt.		13856	150PAR/5	120-130	12	*Clear, Mine Spot	C, C-13	1000	13700CP<24,27°†		5 5/16
			13889	150PAR38/VWFL	125-130	12	*Very Wide Flood	C, CC-6	2000	1100CP<20°		5 5/16
	PAR-46	Scr. Term	15188	150PAR46	120	12	*Cl., Mine Loco. Head Lamp	C, C-13	1000	20300CP<15+30°†		3 3/4
			15190	150PAR46	130	12	*Cl., Mine Loco. Head Lamp	C, C-13	1000	20300CP<15+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 9, 15, 25	C, CC-2V	2000	17500CP<17+25°†		4
	Med. Skt.		15366	150PAR46/M/MFL	120	12	Medium Flood 25	C, CC-2V	2000	8400CP<28+40°†		5 5/16
			15367	150PAR46/M/NSP	120	12	Narrow Spot 25	C, CC-2V	2000	17500CP<17+30°†		5 5/16
	PS-25	Med.	15280	150	120	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
			15205	150/CL	120	60	*Clear	C, C-9	750	2580	5 1/4	6 15/16
			15207	150/CL	130	60	*Clear	C, C-9	750	2580	5 1/4	6 15/16
			15430	150/99/XL	125	60	I.F. Excel-Line®	C, C-9	2500	2165	5 1/4	6 15/16
			15431	150/99/XL	130	60	I.F. Excel-Line®	C, C-9	2500	2165	5 1/4	6 15/16
			15219	150/WB	120	60	*White Bowl	C, C-9	750	2460		6 15/16
			15248	150/D	115-125	60	*Inside Frosted Daylight	C, C-9	1000		5 1/4	6 15/16
			15271	150/SB	120	60	*I.F., Silver Bowl ⁷	C, C-9	1000	2270		6 15/16
			15275	150/SB	125-130	60	*I.F., Silver Bowl ⁷	C, C-9	1000	2270		6 15/16
			15253	150/VS	120	60	*Inside Frosted, Vibration	C, C-9	1000	2250	5 1/4	6 15/16
			15255	150/VS	125-130	60	*Inside Frosted, Vibration	C, C-9	1000	2250	5 1/4	6 15/16
			15263	150/CL/VS	125-130	60	*Clear, Vibration	C, C-9	1000	2250	5 1/4	6 15/16
			15571	150PS25	230	60	*Clear	C, C-9	1000	2060	5 1/4	6 15/16
			15573	150PS25	250	60	*Clear	C, C-9	1000	2060	5 1/4	6 15/16
			15589	150PS25/IF	250	60	Inside Frosted	C, C-9	1000	2060	5 1/4	6 15/16
			15293	150/SL	115-125	60	Safeline ²⁴	C, C-9	1000	2425	5 1/4	6 15/16
			15300	150/RS/SL	115-125	60	Rough Service Safeline ²⁴	C, C-17	1000	2100	4 3/8	5 15/16
	PS-30	Med.	15474	B150PS30	120	24	*Neck Refl. Direct Lite I.F.®	C, C-9	2000			8 1/16
	Reflector											
	R-40	Med.	14755	150R/SP	120	24	*Spot, Inside Frosted ^{6,10}	C, CC-6	2000	7000CP<37°†		6 1/2
			14742	150R/SP	125-130	24	*Spot, Inside Frosted ^{6,10}	C, CC-6	2000	7000CP<37°†		6 1/2



PAR 38, 46,
MED. SIDE PRONG

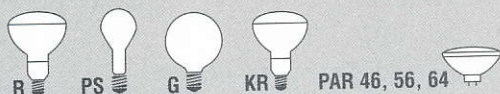


Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.									
150	R-40	Med.	14773	150R/FL	120	24	•Flood, I.F. ^{6,10}	C, CC-6	2000	1300 ^{CP} (110°†)		6½
			14876	150R/FL/RP	120	6	•Flood, I.F. ^{6,10}	C, CC-6	2000	1300 ^{CP} (110°†)		6½
			14765	150R/FL	125-130	24	•Flood, I.F. ^{6,10}	C, CC-6	2000	1300 ^{CP} (110°†)		6½
			14638	150R/A	115-125	12	•Refl. Light I.F., Amber ^{6,10}	C, CC-6	2000			6½
			14878	150R/B/RP	115-125	6	•Light, I.F. Blue ^{6,10}	C, CC-6	2000			6½
			14879	150R/BW/RP	115-125	6	•Light, I.F. Bl. White ^{6,10}	C, CC-6	2000			6½
			14880	150R/G/RP	115-125	6	•Light, I.F. Green ^{6,10}	C, CC-6	2000			6½
			14881	150R/R/RP	115-125	6	•Light, I.F. Red ^{6,10}	C, CC-6	2000			6½
			14882	150R/PK/RP	115-125	6	•Light, I.F. Pink ^{6,10}	C, CC-6	2000			6½
			14883	150R/Y/RP	115-125	6	•Light, I.F. Yellow ^{6,10}	C, CC-6	2000			6½
175	PS-25	Med.	14783	150R40/GRO	120	6	•Reflector, Spot-GRO	C, CC-6	2000			6½
			15557	175PS25/63	125	60	Clear, Street Lighting	C, C-9	1500	2800	5¼	6½ ¹⁶
			15562	189PS25/64	120	60	Cl., St. Ltg. Gr. Replace.	C, C-9	3000	2825	5¼	6½ ¹⁶
			15563	189PS25/64	125	60	Cl., St. Ltg. Gr. Replace.	C, C-9	3000	2825	5¼	6½ ¹⁶
189	PS-25	Med.	15564	189PS25/64	130	60	Cl., St. Ltg. Gr. Replace.	C, C-9	3000	2825	5¼	6½ ¹⁶
			13103	200A/W-1/RP	120	12	Soft White, Workstudy ^{PAP}	C, CC-8	750	3940	3⅞	5½ ¹⁶
			13104	200A/W-1/RP	125	12	Soft White, Workstudy ^{PAP}	C, CC-8	750	3940	3⅞	5½ ¹⁶
			13106	200A21 ■	125	24	Recessed Ceiling Light ^{PAP}	C, CC-8	750	4000	3⅞	5½ ¹⁶
			15500	200A	120	60	•Inside Frost ^{PAP} ⁴⁵	C, CC-8	750	3940	4⅝	6¾ ¹⁶
			15502	200A	125-130	60	•Inside Frost ^{PAP} ⁴⁵	C, CC-8	750	3940	4⅝	6¾ ¹⁶
			15509	200A/99/XL	125	60	Inside Frost Excel-Line ⁴⁵	C, CC-8	2500	3220	4⅝	6¾ ¹⁶
			15496	200A/CL	120	60	•Clear, ^{PAP} ⁴⁵	C, CC-8	750	3940	4⅝	6¾ ¹⁶
			15498	200A/CL	125-130	60	•Clear ^{PAP} ⁴⁵	C, CC-8	750	3940	4⅝	6¾ ¹⁶
			15447	200A/RS	120	60	•I.F., Rough Service ⁴⁵	C, C-17	1000	3160	4⅜	6¼ ¹⁶
200	A-21	Med.	15448	200A/RS	125-130	60	•I.F., Rough Service ⁴⁵	C, C-17	1000	3160	4⅜	6¼ ¹⁶
			15445	200A/CL/RS	120	60	•Clear, Rough Service ⁴⁵	C, C-17	1000	3160	4⅜	6¼ ¹⁶
			15446	200A/CL/RS	125-130	60	•Clear, Rough Service ⁴⁵	C, C-17	1000	3160	4⅜	6¼ ¹⁶
			15191	200PAR46/3NSP	120	12	•Narrow Spot ^{9,15,25}	C, CC-13	2000	31000 ^{CP} (9×13°)		4
			15193	200PAR46/3NSP	125-130	12	•Narrow Spot ^{9,15,25}	C, CC-13	2000	31000 ^{CP} (9×13°)		4
			15194	200PAR46/3MFL	120	12	•Medium Flood ^{9,15,25}	C, CC-13	2000	12500 ^{CP} (11×26°)		4
			15196	200PAR46/3MFL	125-130	12	•Medium Flood ^{9,15,25}	C, CC-13	2000	12500 ^{CP} (11×26°)		4
			15174	200PAR46/3VWFL	125-130	12	•Very Wide Fl., Cl. ^{9,15,25}	C, CC-13	2000	1550 ^{CP} (63×65°)		4
PAR-46	Med. Side Prong											



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.	15373	200PAR46M/NSP <input type="checkbox"/>	125-130	12	Narrow Spot ²⁵	C, CC-13	2000	31000 _{CP} (9 × 13°)		5
			15374	200PAR46M/MFL <input type="checkbox"/>	125-130	12	Medium Flood ²⁵	C, CC-13	2000	12500 _{CP} (11 × 26°)		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., ^{9,15,25}	C, CC-13	2000	16200 _{CP} (17 × 37°)		5
			15008	200PAR56/NSP	120	12	★Narrow Spot ^{9,15,25}	C, CC-13	2000	61000 _{CP} (12 × 15°)		5
PS-25	Med.		15816	200PS25/99IF/XL	120	60	Inside Frosted Excel-Line®	C, CC-6	2500	3220	5¼	6½ ₁₆
			15818	200PS25/99IF/XL	130	60	Inside Frosted Excel-Line®	C, CC-6	2500	3220	5¼	6½ ₁₆
			15598	200PS25	120	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	C, C-9	750	3650	6	8½ ₁₆
			15645	200	120	60	★Clear	C, C-9	750	3650	6	8½ ₁₆
			15647	200	130	60	★Clear	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 ⁷	C, C-9	1000	3320		8½ ₁₆
			15791	200/SBIF	125-130	60	★I.F., Silver Bowl ⁷	C, C-9	1000	3320		8½ ₁₆
			15722	200/99/XL	120	60	Clear Excel-Line®	C, C-9	2500	3120	6	8½ ₁₆
			15725	200/99/XL	130	60	Clear Excel-Line®	C, C-9	2500	3120	6	8½ ₁₆
			15691	200/99IF/XL	125-130	60	Inside Frosted Excel-Line®	C, C-9	2500	3120	6	8½ ₁₆
			15797	200	250	60	★Clear	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®	C, C-9	2500	2440	6	8½ ₁₆
			15824	200/99IF/XL	230-250	60	I.F. Excel-Line®	C, C-9	2500	2440	6	8½ ₁₆
			15820	200	277	60	★Clear	C, C-9	1000	2360	6	8½ ₁₆
			15872	200	300	60	★Clear	C, C-9	1000	2360	6	8½ ₁₆
			15819	200/IF	277	60	★Inside Frosted	C, C-9	1000	2360	6	8½ ₁₆
			15865	200PS30/RS	250	60	★Clear, Rough Service	C, C-9	1000	2650	6	8½ ₁₆
			15867	200PS30/IF/RS	250	60	★I.F., Rough Service	C, C-9	1000	2650	6	8½ ₁₆
			15648	200PS30/SL	115-125	60	Safeline I.F. ²⁴	C, C-9	1000	3490	6	8½ ₁₆
			15687	200PS30/23/SL	115-125	60	Rough Service Safeline ²⁴	C, C-9	1000	3250	6	8½ ₁₆
			15673	200PS30/23	120	60	I.F., Rough Service	C, C-9	1000	3280	6	8½ ₁₆
			15675	200PS30/23	130	60	I.F., Rough Service	C, C-9	1000	3280	6	8½ ₁₆
			15621	200PS30/24	120	60	Clear, Rough Service	C, C-9	1000	3280	6	8½ ₁₆
			15625	200PS30/24	130	60	Clear, Rough Service	C, C-9	1000	3280	6	8½ ₁₆
Mog.			15762	200PS30/8	120	60	Clear, Brass Base	C, C-9	1000	3525	6¾	8½ ₁₆
			15770	200PS30/12	130	60	Clear, Brass Base	C, C-9	750	3650	6¾	8½ ₁₆

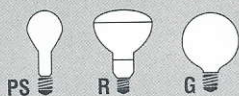




Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
200	R-40	Med.	14776	200R/FL	120	24	I.F., Reflector Flood ^{6,10,14}	C, CC-6	2000	2000CP(120°)		6 1/2
WE SUGGEST 120ER40 120 Volts, An Energy Saving Product												
Reflector			14782	200R/FL	125-130	24	I.F., Reflector Flood ^{6,10,14}	C, CC-6	2000	2000CP(120°)		6 1/2
WE SUGGEST 120ER40 130 Volts, An Energy Saving Product												
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.	C, C-9	6000	2800	5 1/4	6 15/16
			15581	202PS25	125	60	Cl., St. Lighting Gr. Repl.	C, C-9	6000	2800	5 1/4	6 15/16
205	PS-25	Med.	15546	K205	120	60	Clear St. Ltg. Krypton ¹⁵	C, C-9	12000	2700	5 1/4	6 15/16
			15547	K205	125	60	Clear St. Ltg. Krypton ¹⁵	C, C-9	12000	2700	5 1/4	6 15/16
230	PS30	Med.	15656	230PS30/26	120	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	Clear Infrared Indust. ^{8,12,14}	C, C-11	5000+		5	7 9/16
	KR38	Med.	14661	250KR38/FL	120-130	12	*Flood Krypton ¹⁴	C, CC-6	4000	3200		5 13/16
			14662	250KR38/SP	120-130	12	*Spot Krypton ¹⁴	C, CC-6	4000	3200		5 13/16
	R-40	Med. Skt.	14745	250R40/4	115-125	24	Refl. Infrared Industrial ^{6,12,14,15}	C, C-11	5000+			7 1/4
			14740	250R40/5	115-125	24	*Cl. Refl. Infrared Industrial ^{12,14,15}	C, C-11	5000+			7 9/8
Reflector	Med.		14665	250R40/1	115-125	12	*Clear Refl. Infrared Heat ^{6,12,14,15}	C, CC-6	5000+			6 1/2
			14664	250R40/1/RP ■	115-120	6	*Clear Refl. Infrared Heat ^{6,12,14,15}	C, CC-6	5000+			6 1/2
			14663	250R40/10	115-125	6	*Red Bowl Reflector Infrared ^{12,14,15}	C, C-11	5000+			6 7/8
			14585	250R40/15	115-125	12	Red Bowl Refl. Infrared Heat ^{12,14,15}	C, CC-6	5000+			6 1/2
295	PS-35	Mog.	16171	295PS35/58 □	120	24	Cl. St. Lighting Gr. Replace.	C, C-9	3000	4780	7	9 3/8
			16172	295PS35/58	125	24	Cl. St. Lighting Gr. Replace.	C, C-9	3000	4780	7	9 3/8
			16173	295PS35/58	130	24	Cl. St. Lighting Gr. Replace.	C, C-9	3000	4780	7	9 3/8
300	PAR-56	Mog. End Prong	14947	300PAR56/NSP	120	12	*Narrow Spot ^{9,25}	C, CC-13	2000	68000CP(8×10°)		5
			14944	300PAR56/NSP	125-130	12	*Narrow Spot ^{9,25}	C, CC-13	2000	68000CP(8×10°)		5
			14950	300PAR56/MFL	120	12	*Medium Flood ^{9,25}	C, CC-13	2000	24500CP(11×23°)		5
			14946	300PAR56/MFL	125-130	12	*Medium Flood ^{9,25}	C, CC-13	2000	24500CP(11×23°)		5
			14953	300PAR56/WFL	120	12	*Wide Flood ^{9,25}	C, CC-13	2000	10000CP(19×42°)		5
			14945	300PAR56/WFL	125-130	12	*Wide Flood ^{9,25}	C, CC-13	2000	10000CP(19×42°)		5
	Ext. Mog. End Prong		14917	300PAR56/2MFL	125-130	6	*Dich. Coat. Refl., Cool-Lux Med. Fid. ^{9,14,18,25}	C, CC-13	2000	24500CP(11×23°)		5 3/4
	PS-30	Med.	15742	300M	120	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



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-30	Med.	15737	300M/IF	120	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/99IF/XL	120	60	Inside Frosted Excel-Line®	C, C-9	2500	5190	6	8 1/16		
			15761	300M/99IF/XL	125-130	60	Inside Frosted Excel-Line®	C, C-9	2500	5190	6	8 1/16		
			15754	300M/99/XL	120	60	Clear Excel-Line®	C, C-9	2500	5190	6	8 1/16		
			15758	300M/99/XL	125-130	60	Clear Excel-Line®	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.	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			
		15886	300AX/IF	130	24	Inside Frosted, Brass Base	C, CC-8	1000	5960	7	8 13/16			
		PS-35	Med. Skt.	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 ⁷	C, C-9	1000	5400		9 7/8
				△	16001	300MS/SBIF	125	24	Inside Frosted, Silver Bowl ⁷	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			
△	15958			300/SBIF	120	24	Inside Frosted, Silver Bowl, Brass Base ⁷	C, C-9	1000	5400		9 3/8		
△	15960			300/SBIF	125-130	24	Inside Frosted, Silver Bowl, Brass Base ⁷	C, C-9	1000	5400		9 3/8		
△	16026			300/SBIF/1	120	24	Semi Silver Bowl, Inside Frosted, Brass Base ¹³	C, C-9	1000			9 3/8		
△	15925		300/99IF/XL	120	24	Inside Frosted Excel-Line®	C, C-9	2500	5190	7	9 3/8			
	15930		300/99IF/XL	125-130	24	Inside Frosted Excel-Line®	C, C-9	2500	5190	7	9 3/8			
	15904		300/99/XL	120	24	Clear Excel-Line®	C, C-9	2500	5190	7	9 3/8			
	15907		300/99/XL	125-130	24	Clear Excel-Line®	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			



PAR 46, 56, 64



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.
300	PS-35	Mog.	15876	300/RS	125-130	24	Clear, Rough Service	C, C-9	1000	5440	7	9 $\frac{3}{8}$
			15873	300/RS/IF	120	24	Inside Frosted, Rough Service	C, C-9	1000	5440	7	9 $\frac{3}{8}$
			15890	300/RS/IF	125-130	24	Inside Frosted, Rough Service	C, C-9	1000	5440	7	9 $\frac{3}{8}$
			16066	300	250	24	Clear	C, C-7A	1000	4830	7	9 $\frac{3}{8}$
			16068	300	277	24	Clear	C, C-7A	1000	4650	7	9 $\frac{3}{8}$
	R-40	Med.	14761	300R/SP	120	24	Spot, Inside Frosted ^{6,10,14,15}	C, CC-2V	2000	14000 _{CP} (40°) [†]		6 $\frac{1}{2}$
			14767	300R/SP	125-130	24	Spot, Inside Frosted ^{6,10,14,15}	C, CC-2V	2000	14000 _{CP} (40°) [†]		6 $\frac{1}{2}$
			14779	300R/FL	120	24	Flood, Inside Frosted ^{6,10,14,15}	C, CC-2V	2000	2900 _{CP} (120°) [†]		6 $\frac{1}{2}$
			14781	300R/FL	125-130	24	Flood, Inside Frosted ^{6,10,14,15}	C, CC-2V	2000	2900 _{CP} (120°) [†]		6 $\frac{1}{2}$
			14800	300R/FL/1	120	24	*Flood, Inside Frosted ^{10,14}	C, CC-2V	2000	2900 _{CP} (120°) [†]		6 $\frac{7}{8}$
Reflector	Mog.		14816	300R/3SP	120	24	*Spot, I.F. ^{6,11,14}	C, CC-2V	2000	14000 _{CP} (40°) [†]		7 $\frac{1}{4}$
			14796	300R/3FL	120	24	*Flood, I.F. ^{6,11,14}	C, CC-2V	2000	2900 _{CP} (120°) [†]		7 $\frac{1}{4}$
			14798	300R/3FL	125-130	24	*Flood, I.F. ^{6,11,14}	C, CC-2V	2000	2900 _{CP} (120°) [†]		7 $\frac{1}{4}$
			14859	300R/3FL	250	24	*I.F., Reflector Flood	C, CC-11	2000	2900 _{CP} (120°) [†]		7 $\frac{1}{4}$
			16181	327PS35	120	24	Clear, St. Lighting Gr. Replacement	C, C-9	6000	4850	7	9 $\frac{3}{8}$
327	PS-35	Mog.	16182	327PS35	125	24	Clear, St. Lighting Gr. Replacement	C, C-9	6000	4850	7	9 $\frac{3}{8}$
340	PS-35	Mog.	16012	340PS35/52	120	24	Cl., St. Ltg., Gr. Replacement	C, C-9	3000	5550	7	9 $\frac{3}{8}$
375	G-30	Med. Skt.	14739	375G30	115-125	60	Infrared Industrial ^{8,12,14}	C, C-11	5000+		5	7 $\frac{5}{16}$
	R-40	Med. Skt.	14746	375R40	115-125	24	Lt. I.F. Refl. Infrared Industrial ^{6,12,14,15}	C, C-11	5000+			7 $\frac{1}{4}$
			14747	375R40/1	115-125	24	*Clear, Reflector Infrared ^{12,14}	C, C-11	5000+			7 $\frac{5}{8}$
400	G-30	Med.	14462	400G/SP <input type="checkbox"/>	120	60	Spotlight	C, C-5	200	8506	3	5 $\frac{1}{8}$
			14522	400G/FL	120	60	Floodlight	C, C-5	800	6990	3	5 $\frac{1}{8}$
405	PS-40	Mog.	16873	405PS40/54	120	24	St. Ltg. Gr. Replacement	C, C-9	3000	6810	7	9 $\frac{3}{4}$
448	PS-40	Mog.	16185	448PS40	125	24	Cl., St. Ltg. Gr. Replacement	C, C-9	6000		7	9 $\frac{3}{4}$
500	G-30	Med. Skt.	14787	500G30/1	115-125	24	Clear, Infrared Industrial ^{8,12,14}	C, C-11	5000+		5	7 $\frac{15}{16}$
	G-40	Med.	14910	500G/FL	120	24	Floodlight	C, C-5	800	9050	4 $\frac{1}{4}$	7 $\frac{1}{16}$
	PAR-64	Ext. Mog. End Prong	14938	500PAR64/NSP	120	6	*Narrow Spot ^{9,15,25}	C, CC-13	2000	110000 _{CP} ($7 \times 10^{\circ}$) [†]		6
			14939	500PAR64/NSP	125	6	*Narrow Spot ^{9,15,25}	C, CC-13	2000	110000 _{CP} ($7 \times 10^{\circ}$) [†]		6
			14932	500PAR64/MFL	120	6	*Medium Flood ^{9,15,25}	C, CC-13	2000	49000 _{CP} ($9 \times 24^{\circ}$) [†]		6



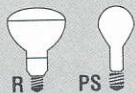
WE SUGGEST 120ER40 120 Volts, An Energy Saving Product



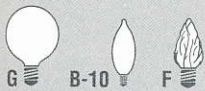
WE SUGGEST 120ER40 130 Volts, An Energy Saving Product



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	PAR-64	Ext. Mog. End Prong	14934	500PAR64/MFL	125-130	6	★Medium Flood ^{9,15,25}	C, CC-13	2000	49000 ^{CP} (⁹ × 24°)		6
			14935	500PAR64/WFL	120	6	★Wide Flood ^{9,15,25}	C, CC-13	2000	10900 ^{CP} (¹⁹ × 58°)		6
			14937	500PAR64/WFL	125-130	6	★Wide Flood ^{9,15,25}	C, CC-13	2000	10900 ^{CP} (¹⁹ × 58°)		6
	PS-35	Mog.	16032	500	120	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
			16040	500/IF	130	24	Inside Frosted	C, CC-8	1000	10600	7	9 3/8
			16326	500	277	24	Clear	C, C-7A	1000	8900	7	9 3/4
	PS-40	Mog.	16141	500PS40	120	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
			16100	500/SBIF	120	24	I.F., Silver Bowl ⁷	C, C-9	1000	9400		9 3/4
			16102	500/SBIF	125-130	24	I.F., Silver Bowl ⁷	C, C-9	1000	9400		9 3/4
			16155	500/99IF/XL	120	24	Inside Frosted Excel-Line®	C, C-9	2500	9100	7	9 3/4
			16158	500/99IF/XL	125-130	24	Inside Frosted Excel-Line®	C, C-9	2500	9100	7	9 3/4
			16130	500/99/XL	120	24	Clear Excel-Line®	C, C-9	2500	9100	7	9 3/4
			16133	500/99/XL	125-130	24	Clear Excel-Line®	C, C-9	2500	9100	7	9 3/4
			15877	500/RS	120	24	Clear, Rough Service	C, C-9	1000	9575	7	9 3/4
			15879	500/RS	125-130	24	Clear, Rough Service	C, C-9	1000	9575	7	9 3/4
			16323	500	230	24	Clear	C, C-7A	1000	9270	7	9 3/4
			16325	500	250	24	Clear	C, C-7A	1000	9270	7	9 3/4
			16320	500/99/XL	250	24	Clear Excel-Line®	C, C-7A	2500	7870	7	9 3/4
	R-40	Mog.	14835	500R/3FL	120	24	★Reflector Flood, I.F. ^{15,16}	C, CC-2V	2000	5200 ^{CP} (¹¹⁵ °†)		7 1/4
			14837	500R/3FL	125-130	24	★Reflector Flood, I.F. ^{15,16}	C, CC-2V	2000	5200 ^{CP} (¹¹⁵ °†)		7 1/4
			14857	500R/3FL	250	24	★Reflector Flood, I.F. ^{15,16}	C, CC-11	2000	5200 ^{CP} (¹¹⁵ °†)		7 1/4
	R-52	Mog.	14978	500R52	120	12	Reflector High Bay Lt. I.F. ^{6,7,15,19}	C, C-7A	2000	3000 ^{CP} (⁷⁰ °†)		11 3/4
			14980	500R52	125-130	12	Reflector High Bay Lt. I.F. ^{6,7,15,19}	C, C-7A	2000	3000 ^{CP} (⁷⁰ °†)		11 3/4
	T-20	Med. Pf.	17932	500T20/64 (DNW)	120	24	★Display Spotlight	C, C-13	500	9500	2 3/16	5 3/4

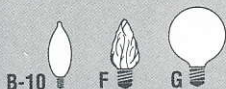


Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135		Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
			Syl. Item No.										
620	PS-40	Mog. Pf.	16867	620PS40/P		120	24	Clear Airport, Gr. Repl.	C, C-7A	3000	11050	5 ¹¹ / ₁₆	10 ¹ / ₁₆
			16869	620PS40/P		130	24	Clear Airport, Gr. Repl.	C, C-7A	3000	11050	5 ¹¹ / ₁₆	10 ¹ / ₁₆
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
			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
			16393	750/99/XL		120	12	Clear Excel-Line®	C, C-7A	2500	14400	9 ¹ / ₂	13 ¹ / ₁₆
			16396	750/99/XL		125-130	12	Clear Excel-Line®	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
			15004	750R52		120	12	Reflector High Bay Lt. I.F. 6,7,15,19	C, C-7A	2000	4500CP(70°†)		11 ³ / ₄
	Reflector	△	14992	750R52		125-130	12	Reflector High Bay Lt. I.F. 6,7,15,19	C, C-7A	2000	4500CP(70°†)		11 ³ / ₄
			15047	750R52		250	12	Reflector High Bay Lt. I.F. 6,7,15,19	C, C-7A	2000			11 ³ / ₄
			15073	750R52		277	12	Reflector High Bay Lt. I.F. 6,7,15,19	C, C-7A	2000			11 ³ / ₄
			1000	PS-52	Mog.	16423	1000		120	12	Clear	C, CC-8	1000
16425	1000		130			12	Clear	C, CC-8	1000	23100	9 ¹ / ₂	13 ¹ / ₁₆	
16428	1000/IF		120			12	Inside Frosted	C, CC-8	1000	23100	9 ¹ / ₂	13 ¹ / ₁₆	
16430	1000/IF		130			12	Inside Frosted	C, CC-8	1000	23100	9 ¹ / ₂	13 ¹ / ₁₆	
16466	1000/99/XL		120			12	Clear Excel-Line®	C, C-7A	2500	19800	9 ¹ / ₂	13 ¹ / ₁₆	
16469	1000/99/XL		125-130			12	Clear Excel-Line®	C, C-7A	2500	19800	9 ¹ / ₂	13 ¹ / ₁₆	
16664	1000		250			12	Clear	C, C-7A	2000	18850	9 ¹ / ₂	13 ¹ / ₁₆	
16678	1000		277			12	Clear	C, C-7A	1000	19500	9 ¹ / ₂	13 ¹ / ₁₆	
R-60	Mog.	15078	1000R60/MWFL		120	6	*Cl., Reflector Med. Wide Flood 54 degrees	C, C-7A	2000	36000CP(54°†)		10 ³ / ₈	
		15051	1000R60/WFL		120	6	*Lt. I.F., Reflector Wide Flood 80 degrees	C, C-7A	2000	30000CP(80°†)		10 ³ / ₈	
1500	PS-52	Mog.	16545	1500		120	12	Clear ¹⁷	C, C-7A	1000	33620	9 ¹ / ₂	13 ¹ / ₁₆
			16547	1500		130	12	Clear ¹⁷	C, C-7A	1000	33620	9 ¹ / ₂	13 ¹ / ₁₆
			16577	1500/99/XL		130	12	Clear, Excel-Line® ¹⁷	C, C-7A	2500	29800	9 ¹ / ₂	13 ¹ / ₁₆



DECOR

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.
2	CA-8	Cand.	13497	2CA8C/CL/FL/BL	120	6	Clear, Flicker, Blister Pack ²⁹	C	3000			3½
	CA-10	Med.	13496	2CA10/CL/FL/BL	120	6	Clear, Flicker, Blister Pack ²⁹	C	3000			4⅛
10	G-16½	Cand.	13620	10G16½C/W	120-125	24	White, Decor. Min. Run ^{30,43}	B, C-7A	1500	66		3
12	▼B-10	Cand.	13499	12B10C/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000			4⅝ ₁₆
			13500	12B10C/W/4M/SS	120	24	•White, SuperSaver® Decor	C, C-7A	4000			4⅝ ₁₆
15	B-10	Cand.	13448	15B10C/BL	120-125	12	•Clear	C, C-7A	1500			4⅝ ₁₆
			13449	15B10C/W/BL	120-125	12	•White	C, C-7A	1500			4⅝ ₁₆
			13677	15B10C/CF/T/BL ■	120-125	12	•Ceramic Frost, Torpedo	C, C-7A	1500			4⅝
			13476	15B10C/ST	120-125	24	•Clear Straight Top	C, C-7A	1500			4⅝ ₁₆
			13675	15B10C/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4⅝
			13676	15B10C/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4⅝
	C-9½	▼Cand.	13429	15C9½C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			3⅝
	B-10	▼Med.	13465	15B10	120-125	24	•Clear ³⁰	C, C-7A	1500			4
		▼	13433	15B10/BL	120-125	12	•Clear ³⁰	C, C-7A	1500			4
		▼	13432	15B10/W/BL	120-125	12	•White	C, C-7A	1500			4
		▼	13715	15B10/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4⅝
		▼	13716	15B10/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4⅝
	F-10	Cand.	13610	15FC/4M	120	24	•Clear, Decor	B, C-7A	4000	115		3⅝ ₁₆
			13435	15FC/AIC/BL	120-125	12	•Iridescent Amber	B, C-7A	1500			3⅝ ₁₆
			13434	15FC/IC/BL	120-125	12	•Iridescent Clear	B, C-7A	1500	122		3⅝ ₁₆
			13436	15FC/W/BL	120-125	12	•White	B, C-7A	1500	107		3⅝ ₁₆
			13612	15FC/AIC/4M	120	24	•Iridescent Amber, Decor	B, C-7A	4000			3⅝ ₁₆
			13611	15FC/IC/4M	120-125	24	•Iridescent Clear, Decor	B, C-7A	4000	110		3⅝ ₁₆
			13613	15FC/W/4M □	120-125	24	•White, Decor	B, C-7A	4000	98		3⅝ ₁₆
			13614	15FC/FT	120-125	24	•Flametint	B, C-7A	1500			3⅝ ₁₆
			13616	15G16½C	120-125	24	•Clear, Decorative ³⁰	B, C-7A	1500	120		3
20	B-10	Cand.	13617	15G16½C/W	120-125	24	•White, Decorative ³⁰	B, C-7A	1500	102		3
			13709	15G16½C/4M	120	24	•Clear, Decor ³⁰	B, C-7A	4000	110		3
			13706	15G16½C/W/4M	120	24	•White, Decor ³⁰	B, C-7A	4000	93		3
			13501	20B10C/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000			4⅝ ₁₆
			13502	20B10C/W/4M/SS	120	24	•White, SuperSaver® Decor	C, C-7A	4000			4⅝ ₁₆



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	B-10	Cand.	13503	20B10C/CF/4M/SS	120	24	•Ceramic Frost, SuperSaver® Decor	C, C-7A	4000			4 ⁵ / ₁₆
			▼Med. 13530	20B10/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000			4
25	B-10	Cand.	13452	25B10C/BL	120-125	12	•Clear	C, C-7A	1500			4 ⁵ / ₁₆
			13570	25B10C/BAG PK	120-125	200	•Clear	C, C-7A	1500			4 ⁵ / ₁₆
			13453	25B10C/W/BL	120-125	12	•White	C, C-7A	1500			4 ⁵ / ₁₆
			13573	25B10C/W/BAG PK	120-125	200	•White	C, C-7A	1500			4 ⁵ / ₁₆
			13426	25B10C/CF/BL	120-125	12	•Ceramic Frost	C, C-7A	1500			4 ⁵ / ₁₆
			13680	25B10C/CF/T/BL ■	120-125	12	•Ceramic Frost, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
			13481	25B10C/ST	120-125	24	•Clear, Straight Top	C, C-7A	1500			4 ⁵ / ₁₆
			13678	25B10C/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
			13679	25B10C/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
	C-11	▼Cand.	13591	25C11C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			4 ¹ / ₈
			▼ 13594	25C11C/SG/A/BL □	120	6	•Amber, Spun-Glo, Fiber Wrapped	B, C-7A	4000			4 ¹ / ₈
	B-10	▼Med.	13438	25B10/BL	120-125	12	•Clear ³⁰	C, C-7A	1500			4
			▼ 13439	25B10/W/BL	120-125	12	•White	C, C-7A	1500			4
			▼ 13717	25B10/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
			▼ 13718	25B10/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
	C-15	▼Med.	13755	25C15/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-9	4000			4 ¹ / ₂
			▼ 13758	25C15/SG/A/BL	120	6	•Amber, Spun-Glo, Fiber Wrapped	B, C-9	4000			4 ¹ / ₂
	F-10	Cand.	13615	25FC	120-125	24	•Clear, Decorative	B, C-7A	1500	205		3 ¹ / ₁₆
			13605	25FC/W	120-125	24	•White, Decorative	B, C-7A	1500	175		3 ¹ / ₁₆
	F-15	Med.	13806	25F	120-125	24	•Clear	C, C-7A	1500	210		4 ¹ / ₂
			13807	25F/FT	120-125	24	•Flametint	C, C-7A	1500			4 ¹ / ₂
			13809	25F/V □	120-125	24	•Ivory	C, C-7A	1500			4 ¹ / ₂
			13813	25F/SPK	120-125	24	•Soft Pink	C, C-7A	1500			4 ¹ / ₂
			13820	25F/W/BL	120-125	12	•White	C, C-7A	1500	172		4 ¹ / ₂
			13821	25F/IC/BL	120-125	12	•Iridescent Clear	C, C-7A	1500	205		4 ¹ / ₂
			13823	25F/AIC/BL	120-125	12	•Amber Iridescent	C, C-7A	1500			4 ¹ / ₂
			13811	25F/W/4M	120	24	•White, Decor	C, C-7A	4000	167		4 ¹ / ₂
			13815	25F/IC/4M	120	24	•Iridescent, Clear, Decor	C, C-7A	4000	183		4 ¹ / ₂
	G-16 ¹ / ₂	Cand.	13803	25F/AIC/4M	120	24	•Amber Iridescent, Decor	C, C-7A	4000			4 ¹ / ₂
			13622	25G16 ¹ / ₂ C/W/BL	120-125	12	•White ³⁰	B, C-7A	1500	190		3
			13618	25G16 ¹ / ₂ C	120-125	24	•Clear ³⁰	B, C-7A	1500	225		3
			13625	25G16 ¹ / ₂ C/BL	120-125	12	•Clear ³⁰	B, C-7A	1500	225		3
			13703	25G16 ¹ / ₂ C/W/4M	120	24	•White, Decor ³⁰	B, C-7A	4000	160		3
			13704	25G16 ¹ / ₂ C/4M	120	24	•Clear, Decor ³⁰	B, C-7A	4000	188		3

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.										
25	G-18½	Med.	14101		25G18½	120-125	24	•Clear	B, C-9	1500	228		3¾/16
			14102		25G18½/W	120-125	24	•White	B, C-9	1500	195		3¾/16
	G-25	Med.	14264		25G25	120-125	24	•Clear	C, C-9	1500	220		4¾/16
			14282		25G25/RP	120-125	6	•Clear	C, C-9	1500	220		4¾/16
			14265		25G25/W	120-125	24	•White	C, C-9	1500	210		4¾/16
			14286		25G25/W/RP	120-125	6	•White	C, C-9	1500	210		4¾/16
			14276		25G25/4M	120	24	•Clear, Decor	C, C-9	4000	190		4¾/16
			14277		25G25/W/4M	120	24	•White, Decor	C, C-9	4000	182		4¾/16
	G-30	Med.	14401		25G30/W	120-130	24	•White	C, C-9	2500	190		5½/2
			14404		25G30/W/RP	120-130	6	•White	C, C-9	2500	190		5½/2
	G-40	Med.	14901		25G40/W	120-130	6	•White, Decor	C, C-9	2500	156		6¹⁵/₁₆
			14618		25G40/W/RP	120-130	6	•White, Decor	C, C-9	2500	156		6¹⁵/₁₆
			14685		25G40	120-130	6	•Clear, Decor	C, C-9	2500	162		6¹⁵/₁₆
			14617		25G40/RP	120-130	6	•Clear, Decor	C, C-9	2500	162		6¹⁵/₁₆
32	B-10	Cand.	13513		32B10C/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000			4⁵/₁₆
			13514		32B10C/W/4M/SS	120	24	•White, SuperSaver® Decor	C, C-7A	4000			4⁵/₁₆
			13515		32B10C/CF/4M/SS	120	24	•Ceramic Frost, SuperSaver® Decor	C, C-7A	4000			4⁵/₁₆
			13532	▼Med.	32B10/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000			4
			13533	▼	32B10/W/4M/SS	120	24	•White, SuperSaver® Decor	C, C-7A	4000			4
40	B-10	Cand.	13456		40B10C/BL	120-125	12	•Clear	C, C-7A	1500			4⁵/₁₆
			13571		40B10C/BAG PK	120-125	200	•Clear	C, C-7A	1500			4⁵/₁₆
			13457		40B10C/W/BL	120-125	12	•White	C, C-7A	1500			4⁵/₁₆
			13574		40B10C/W/BAG PK	120-125	200	•White	C, C-7A	1500			4⁵/₁₆
			13427		40B10C/CF/BL	120-125	12	•Ceramic Frost	C, C-7A	1500			4⁵/₁₆
			13683		40B10C/CF/T/BL ■	120-125	12	•Ceramic Frost, Torpedo	C, C-7A	1500			4⁵/₁₆
			13490		40B10C/ST	120-125	24	•Clear, Straight Top	C, C-7A	1500			4⁵/₁₆
			13681		40B10C/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4⁵/₁₆
			13682		40B10C/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4⁵/₁₆
	C-11	▼Cand.	13592		40C11C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			4¹/₈
	B-10	▼Med.	13440		40B10/BL	120-125	12	•Clear ³⁰	C, C-7A	1500			4
		▼	13441		40B10/W/BL	120-125	12	•White	C, C-7A	1500			4
		▼	13719		40B10/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4⁵/₁₆
		▼	13720		40B10/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4⁵/₁₆
	C-15	▼Med.	13756		40C15/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-9	4000			4½/2
		▼	13759		40C15/SG/A/BL	120	6	•Amber, Spun-Glo, Fiber Wrapped	B, C-9	4000			4½/2



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.									
40	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
		▼		13985	40F/IC/BL	120-125	12	•Iridescent Clear	C, C-7A	1500	422		4½
		▼		13976	40F/W/4M	120	24	•White, Decor	C, C-7A	4000	255		4½
		▼		13979	40F/AIC/4M	120	24	•Amber Iridescent, Decor	C, C-7A	4000			4½
		▼		13977	40F/IC/4M	120	24	•Iridescent Clear, Decor	C, C-7A	4000	285		4½
	G-16½	▼Cand.		13702	40G16½C	120-125	24	•Clear ^{15,30}	C, C-7A	1500	345		3
		▼		13621	40G16½C/W	120-125	24	•Ceramic White ^{15,30}	C, C-7A	1500	292		3
		▼		13700	40G16½C/4M	120	24	•Clear, Decor ^{15,30}	C, C-7A	4000	295		3
		▼		13699	40G16½C/W/4M	120	24	•Ceramic White, Decor ^{15,30}	C, C-7A	4000	250		3
G-25	Med.			14266	40G25	120-125	24	•Clear	C, C-9	1500	425		4⅞
				14283	40G25/RP	120-125	6	•Clear	C, C-9	1500	425		4⅞
				14267	40G25/W	120-125	24	•White	C, C-9	1500	410		4⅞
				14287	40G25/W/RP	120-125	6	•White	C, C-9	1500	410		4⅞
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	6⅞
				14619	40G40/RP	120-130	6	•Clear	C, C-9	2500	348	4¾	6⅞
				14688	40G40/W	120-130	6	•White, Decor	C, C-9	2500	335		6⅞
				14620	40G40/W/RP	120-130	6	•White	C, C-9	2500	335		6⅞
48	B-10	Cand.		13517	48B10C/4M/SS	120	24	•Clear, SuperSaver®Decor	C, C-7A	4000			4⅞
				13518	48B10C/W/4M/SS	120	24	•White, SuperSaver®Decor	C, C-7A	4000			4⅞
		▼Med.		13534	48B10/4M/SS	120	24	•Clear, SuperSaver® Decor	C, C-7A	4000			4
		▼		13535	48B10/W/4M/SS	120	24	•White, SuperSaver® Decor	C, C-7A	4000			4



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	B-10	Cand.	13460	60B10C/BL	120-125	12	•Clear	C, C-7A	1500			4 ⁵ / ₁₆
			13572	60B10C/BAG PK	120-125	200	•Clear	C, C-7A	1500			4 ⁵ / ₁₆
			13461	60B10C/W/BL	120-125	12	•White	C, C-7A	1500			4 ⁵ / ₁₆
			13575	60B10C/W/BAG PK	120-125	200	•White	C, C-7A	1500			4 ⁵ / ₁₆
			13425	60B10C/CF	120-125	24	•Ceramic Frost	C, C-7A	1500			4 ⁵ / ₁₆
			13428	60B10C/CF/BL	120-125	12	•Ceramic Frost	C, C-7A	1500			4 ⁵ / ₁₆
			13686	60B10C/CF/T/BL ■	120-125	12	•Ceramic Frost, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
			13494	60B10C/ST	120-125	24	•Clear, Straight Top	C, C-7A	1500			4 ⁵ / ₁₆
			13684	60B10C/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
			13685	60B10C/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
	C-11	▼Cand.	13593	60C11C/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-7A	4000			4 ¹ / ₈
	B-10	▼Med.	13442	60B10/BL	120-125	12	•Clear ³⁰	C, C-7A	1500			4
		▼	13443	60B10/W/BL	120-125	12	•White	C, C-7A	1500			4
		▼	13721	60B10/T/BL ■	120-125	12	•Clear, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
		▼	13722	60B10/W/T/BL ■	120-125	12	•White, Torpedo	C, C-7A	1500			4 ⁵ / ₁₆
	C-15	▼Med.	13757	60C15/SG/BL	120	6	•Clear, Spun-Glo, Fiber Wrapped	C, C-9	4000			4 ¹ / ₂
F-15		▼Med.	13993	60F	120-125	24	•Clear	C, C-7A	1500	690		4 ¹ / ₂
G-25	Med.		14280	60G25	120-130	24	•Clear, Decor	C, C-9	1500	715		4 ⁷ / ₁₆
			14281	60G25/W	120-130	24	•White, Decor	C, C-9	1500	678		4 ⁷ / ₁₆
G-30	Med.		14403	60G30/W	120-130	24	•White, Decor	C, C-9	2500	684		5 ¹ / ₂
			14406	60G30/W/RP	120-130	6	•White, Decor	C, C-9	2500	650		5 ¹ / ₂
G-40	Med.		14689	60G40	120-130	6	•Clear, Decor	C, C-9	2500	576	4 ³ / ₈	6 ¹⁵ / ₁₆
			14621	60G40/RP	120-130	6	•Clear, Decor	C, C-9	2500	576	4 ³ / ₈	6 ¹⁵ / ₁₆
			14690	60G40/W	120-130	6	•White, Decor	C, C-9	2500	492		6 ¹⁵ / ₁₆
			14622	60G40/W/RP	120-130	6	•White, Decor	C, C-9	2500	492		6 ¹⁵ / ₁₆
GT-19	▼Med.		14318	60SCH	120	12	•Sm. Chimney, Decor ¹⁵	C, C-9	1500	675		5 ¹³ / ₁₆
		▼	14319	60SCH/A □	120	12	•Amber Chimney, Decor ¹⁵	C, C-9	1500			5 ¹³ / ₁₆
GT-24	▼Med. Skt.		14290	60CH	120	6	Chimney, Decor ¹⁵	C, C-9	3000	585		8 ³ / ₁₆
100	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
	GT-24	▼Med. Skt.	14291	100CH	120	6	Chimney Lamp ¹⁵	C, C-9	3000	1080		8 ³ / ₁₆
		▼	14285	100CH/A	120	6	Amber Chimney ¹⁵	C, C-9	3000			8 ³ / ₁₆
150	G-40	Med.	14913	150G40/W	120-130	6	•White Decor	C, C-9	2500	1935	4 ³ / ₈	6 ¹⁵ / ₁₆

CARDED MINIATURE LAMPS

Volts	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.									
6	RP-11	S.C. Bay	16821	1133/BL	6	24	Clear	C, C-6	200		1 1/4	2 1/4
12	S-8	S.C. Bay	16810	93/BL	12	24	Clear	C, C-6	500		1 1/8	2

TRAFFIC SIGNAL LAMPS

TRAFFIC SIGNAL LAMPS/LUMEN RATED

Lu- mens	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation Except Volts	Volts	Pkg. Qty.	Description	Class and Fil.	Avg. Rated Hours Life	Nominal Watts	L.C.L.	M.O.L.
			Syl. Item No.									
665	A-21	Med.	12462	665L/A21/TS/KR	120	120	Clear, Krypton Filled ⁴⁵	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

TRAFFIC SIGNAL LAMPS/KRYPTON FILLED SuperSaver[®]

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.									
54	A-19	Med. Brass	10441	54A19TS/8M/SS	120-125	120	Kr. Filled, Clear, Traffic Signal, w/ Heat Reflector ⁴³	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 ⁴³	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 ⁴³	C, C-11V	8000	1040	2 7/16	4 3/8
		Med.	12299	90A19/1/TS/8M/SS	120-125	120	Kr. Filled, Clear, Traffic Signal, w/ Heat Reflector ⁴³	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 ^{43,45}	C, C-11V	6000	1750	3	4 7/16

STREET LIGHTING LAMPS (Series Burning) ALL LAMPS ARE CLEAR UNLESS OTHERWISE NOTED

Lu- mens	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.									
1000	PS-25	Mog.	19173	1M/66G	6.6	60	Group Replacement	C, C-8	6000	11	5 3/8	7 1/8
4000	PS-35	Mog.	19216	4M/66G	6.6	24	Group Replacement	C, C-2V	6000	37.6	7	9 3/8

LAMPS LISTED BY VOLTS AND AMPERES (Including Airport)

Incandescent

Watts	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	Approx. Lumens & Beam Spread	L.C.L.	M.O.L.
30	T-10	▼Med. Pf.	17980	6.6A/T10/1P	6.6	60	Airport Marker	C, C-2V	1000		1½	3 ¹⁵ / ₁₆
45	T-10	▼Med. Pf.	17981	6.6A/T10P	6.6	60	Airport Marker	C, C-2V	1000		1½	3 ¹⁵ / ₁₆
200	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
204	T-14	▼Med. Pf.	17983	6.6A/T14/2P	6.6	24	Airport Marker	C, C-13	500		2¾	5¾
300	PAR-56	Scr. Term	14967	25A/PAR56/WFL	25	12	*Swimming Pool ²¹	C, C-6	1000			4½







Tungsten Halogen

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 ^{36,37,39}	.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 ^{36,39}	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 ²⁵		C, CC-6	2000		4½
	T-4	○1¾"Perp. Lead	58801	6.6A/T4Q/5CL	6.6	12	Perpendicular Lead Base Clear ^{36,37,39}	.256 Max.	C, CC-8	700	5500	3 ¹ / ₁₆
		2 Pin Pf	58750	6.6AQ/CL/200W	6.6	12	Clear, Airport ²⁵	L.C.L. 1 ¹⁷ / ₃₂	C, CC-6	500	5500	2¾
		○D.C. Bay Ring	58746	6.6AQ/CL/DCR	6.6	12	Clear, Airport ^{36,39}	L.C.L. 1 ¹ / ₁₆	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 ²⁵		C, CC-6	2000		4½
500	PAR-56	Mog. End Prong	56227	20AQ/PAR56/1		12	PAR Airport Burn Base down to horizontal ²⁵		C, CC-6	500		5

TUNGSTEN HALOGEN LAMPS


Capsylite A-Line (Midbreak)

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

Halogen A-Line

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.									
60	MB-19	Med.		18960	60A/HAL ■	120	12	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	3000	960	3 $\frac{3}{8}$	4 $\frac{3}{8}$
75	MB-19	Med.		18965	75A/HAL ■	120	12	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	2250	1300	3 $\frac{3}{8}$	4 $\frac{3}{8}$
100	MB-19	Med.		18970	100A/HAL ■	120	12	Inside Frost, Tungsten Halogen Capsylite®	C, CC-8	2250	1880	3 $\frac{3}{8}$	4 $\frac{3}{8}$

CAPSYLITE PAR

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.
55	PAR-16 Med.		59030	55PAR16/CAP/NFL	120	15	Designer 16 [®] Narrow Flood ^{26,32}	C, CC-8	2000	1300 ^{CP} _{<30°}		2 ⁷ / ₈
			59038	55PAR16/CAP/NFL ■	130	15	Designer 16 [®] Narrow Flood ^{26,32}	C, CC-8	2000	1300 ^{CP} _{<30°}		2 ⁷ / ₈
			59032	55PAR16/CAP/NSP	120	15	Designer 16 [®] Narrow Spot ^{26,32}	C, CC-8	2000	5000 ^{CP} _{<12°}		2 ⁷ / ₈
			59040	55PAR16/CAP/NSP ■	130	15	Designer 16 [®] Narrow Spot ^{26,32}	C, CC-8	2000	5000 ^{CP} _{<12°}		2 ⁷ / ₈
75	PAR-16 Med.		59034	75PAR16/CAP/NFL	120	15	Designer 16 [®] Narrow Flood ^{26,32}	C, CC-8	2000	2000 ^{CP} _{<30°}		2 ⁷ / ₈
			59042	75PAR16/CAP/NFL ■	130	15	Designer 16 [®] Narrow Flood ^{26,32}	C, CC-8	2000	2000 ^{CP} _{<30°}		2 ⁷ / ₈
			59036	75PAR16/CAP/NSP	120	15	Designer 16 [®] Narrow Spot ^{26,32}	C, CC-8	2000	7500 ^{CP} _{<12°}		2 ⁷ / ₈
			59044	75PAR16/CAP/NSP ■	130	15	Designer 16 [®] Narrow Spot ^{26,32}	C, CC-8	2000	7500 ^{CP} _{<12°}		2 ⁷ / ₈
50	PAR-20 Med.		14525	50PAR20/CAP/NFL	120	15	*Narrow Flood, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	1250 ^{CP} _{<32°}		3 ¹ / ₄
			14529	50PAR20/CAP/NFL	130	15	*Narrow Flood, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	1250 ^{CP} _{<32°}		3 ¹ / ₄
			14524	50PAR20/CAP/NSP	120	15	*Narrow Spot, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	4600 ^{CP} _{<12°}		3 ¹ / ₄
			14528	50PAR20/CAP/NSP	130	15	*Narrow Spot, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	4600 ^{CP} _{<12°}		3 ¹ / ₄
50	PAR-30 Med.		14532	50PAR30/CAP/FL	120	15	*Flood Tungsten, Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	1100 ^{CP} _{<42°}		3 ⁵ / ₈
			14533	50PAR30/CAP/FL	130	15	*Flood Tungsten, Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	1100 ^{CP} _{<42°}		3 ⁵ / ₈
			14527	50PAR30/CAP/NFL	120	15	*Narrow Flood, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	1750 ^{CP} _{<32°}		3 ⁵ / ₈
			14531	50PAR30/CAP/NFL	130	15	*Narrow Flood, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	1750 ^{CP} _{<32°}		3 ⁵ / ₈
			14526	50PAR30/CAP/NSP	120	15	*Narrow Spot, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	6500 ^{CP} _{<12°}		3 ⁵ / ₈
			14530	50PAR30/CAP/NSP	130	15	*Narrow Spot, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	6500 ^{CP} _{<12°}		3 ⁵ / ₈
			14537	50PAR30LN/CAP/WFL ■ "Long Neck"	120	15	*Wide Flood, Tungsten Halogen Capsylite [®] ¹⁰ / _{26,46}	C, CC-8	2500	500 ^{CP} _{<58°}		5 ³ / ₈
75	PAR-30 Med.		14603	75PAR30/CAP/NFL	120	15	Narrow Flood, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	3000 ^{CP} _{<32°}		3 ⁵ / ₈
			14627	75PAR30/CAP/NFL ■	130	15	Narrow Flood, Tungsten Halogen Capsylite [®] ¹⁰ / ₂₆	C, CC-8	2500	3000 ^{CP} _{<30°}		3 ⁵ / ₈



PAR 30



PAR 36

PAR 38
MED. SKT.

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	PAR-30	Med.	14604	75PAR30/CAP/NSP	120	15	Narrow Spot, Tungsten Halogen Capsylite® ²⁶	C, CC-8	2500	10500 ^{CP} _(12°)		3 ⁵ / ₈
			14628	75PAR30/CAP/NSP ■	130	15	Narrow Spot, Tungsten Halogen Capsylite® ²⁶	C, CC-8	2500	10500 ^{CP} _(12°)		3 ⁵ / ₈
			14606	75PAR30/CAP/FL	120	15	Flood, Tungsten Halogen Capsylite® ²⁶	C, CC-8	2500	1800 ^{CP} _(42°)		3 ⁵ / ₈
			14629	75PAR30/CAP/FL ■	130	15	Flood, Tungsten Halogen Capsylite® ²⁶	C, CC-8	2500	1800 ^{CP} _(42°)		3 ⁵ / ₈
36	PAR-36	Comb. Screw Term. and Spade Conn.	55090	36PAR36CAP/NSP	12	12	*Narrow Spot, Tungsten Halogen Capsylite®	C, C-6	4000	5100 ^{CP} _(10°)		2 ³ / ₄
			55100	36PAR36CAP/VNSP	12	12	*Very Narrow Spot, Tungsten Halogen Capsylite®	C, C-6	4000	23000 ^{CP} _(5°)		2 ³ / ₄
			55091	36PAR36CAP/WFL	12	12	*Wide Flood, Tungsten Halogen Capsylite®	C, C-6	4000	1175 ^{CP} _(30°)		2 ³ / ₄
45	PAR-38	Med. Skt.	14588	45PAR/CAP/FL	120	15	*Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	1800 ^{CP} _(32°)		5 ⁵ / ₁₆
			14591	45PAR/CAP/FL	130	15	*Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	1800 ^{CP} _(32°)		5 ⁵ / ₁₆
			14589	45PAR/CAP/SP	120	15	*Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	4500 ^{CP} _(15°)		5 ⁵ / ₁₆
			14592	45PAR/CAP/SP	130	15	*Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	4500 ^{CP} _(15°)		5 ⁵ / ₁₆
			14590	45PAR/CAP/NSP	120	15	*Narrow Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	11500 ^{CP} _(9°)		5 ⁵ / ₁₆
			14593	45PAR/CAP/NSP	130	15	*Narrow Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	11500 ^{CP} _(9°)		5 ⁵ / ₁₆
			14010	45PAR/CAP/VWFL	130	15	*Very Wide Flood Tungsten Halogen Capsylite®	C, CC-8	2500	1200 ^{CP} _(55°)		5 ⁵ / ₁₆
75	PAR-38	Med. Skt.	14513	75PAR/CAP/FL ■	120	15	Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	3500 ^{CP} _(30°)		5 ⁵ / ₁₆
			14515	75PAR/CAP/FL ■	130	15	Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	3500 ^{CP} _(30°)		5 ⁵ / ₁₆
			14514	75PAR/CAP/SP ■	120	15	Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	17500 ^{CP} _(10°)		5 ⁵ / ₁₆
			14516	75PAR/CAP/SP ■	130	15	Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	17500 ^{CP} _(10°)		5 ⁵ / ₁₆
			14510	75PAR/CAP/WSP ■	120	15	Wide Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	12000 ^{CP} _(13°)		5 ⁵ / ₁₆



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.									
90	PAR-38	Med. Skt.	15545	90PAR/HAL/FL ■	120	6	★Flood, Energy Saver Plus	C, CC-8	2500	4000CP<30°		5 5/16	
				14579	90PAR/CAP/FL	120	15	★Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	4000CP<30°		5 5/16
				14602	90PAR/CAP/WFL	130	15	★Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	2500CP<55°		5 5/16
				14577	90PAR/CAP/FL	130	15	★Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	4000CP<30°		5 5/16
				14580	90PAR/CAP/SP	120	15	★Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	11500CP<15°		5 5/16
				14578	90PAR/CAP/SP	130	15	★Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	11500CP<15°		5 5/16
				14586	90PAR/CAP/NSP	120	15	★Narrow Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	22500CP<9°		5 5/16
				14587	90PAR/CAP/NSP	130	15	★Narrow Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	22500CP<9°		5 5/16
				14971	90PAR/CAP/2FL	120	15	★Flood, Dichroic Coated Cool-Lux Reflector, Tungsten Halogen Capsylite® ^{18,26}	C, CC-8	2500	3800CP<30°		5 5/16
				14972	90PAR/CAP/2SP	120	15	★Spot, Dichroic Coated Cool-Lux Reflector, Tungsten Halogen Capsylite® ^{18,26}	C, CC-8	2500	10000CP<15°		5 5/16
	Med. Side Prong		14632	90PAR/CAP/3FL ■	120	15	★Flood, Tungsten Halogen Capsylite®	C, CC-8	2500	4000CP<30°		4 5/16	
			14630	90PAR/CAP/3SP ■	120	15	★Spot, Tungsten Halogen Capsylite®	C, CC-8	2500	11500CP<15°		4 5/16	
150	PAR-38	Med. Skt.	14597	150PAR/CAP/FL	120	15	★Flood, Tungsten Halogen Capsylite®	C, CC-8	3000	7500CP<30°		5 5/16	
				14598	150PAR/CAP/FL	130	15	★Flood, Tungsten Halogen Capsylite®	C, CC-8	3000	7500CP<30°		5 5/16
				14595	150PAR/CAP/SP	120	15	★Spot, Tungsten Halogen Capsylite®	C, CC-8	3000	25000CP<10°		5 5/16
				14596	150PAR/CAP/SP	130	15	★Spot, Tungsten Halogen Capsylite®	C, CC-8	3000	25000CP<10°		5 5/16
				14599	150PAR/CAP/NSP	120	15	★Narrow Spot, Tungsten Halogen Capsylite®	C, CC-8	3000	37500CP<9°		5 5/16
				14600	150PAR/CAP/NSP	130	15	★Narrow Spot, Tungsten Halogen Capsylite®	C, CC-8	3000	37500CP<9°		5 5/16

SUPER Q (Single End)





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	Ordering Abbreviation	Volts	Pkg. Qty.	Description	L.C.L.	Class and Fil.	Avg. Rated Hours Life	Approx. Lumens	M.O.O. Inches
			Syl. Item No.									
75	T-3	⊖ Miniature Screw	58876	75Q/CL	28	12	Clear ^{36,39}	1 ³ / ₁₆	C, CC-6	2000	1400	2 ¹ / ₄
100	T-4	⊖ Mini-Can	58761	100Q/CL(ESN)	120	12	Clear ^{36,39,40} (ANSI Code ESN)	1 ³ / ₈	C, CC-2V	1000	1800	2 ³ / ₄
		⊖	58760	100Q/CL	130	12	Clear ^{36,39,40}	1 ³ / ₈	C, CC-2V	1000	1800	2 ³ / ₄
		⊖ D.C. Bay	58755	100Q/CL/DC(ESR)	120	12	Clear ^{36,39,40} (ANSI Code ESR)	1 ³ / ₈	C, CC-2V	1000	1800	2 ⁷ / ₁₆
		⊖	58732	100Q/CL/DC	130	12	Clear ^{36,39,40}	1 ³ / ₈	C, CC-2V	1000	1800	2 ⁷ / ₁₆
		⊖	58757	100Q/DC(ETD)	120	12	Frosted ^{36,39,40,43} (ANSI Code ETD)	1 ³ / ₈	C, CC-2V	1000	1800	2 ⁷ / ₁₆
150	T-4	⊖ Mini-Can	58735	150Q/CL/2(ETG)	120	12	Clear ^{36,39,40} (ANSI Code ETG)	1 ¹ / ₂	C, CC-8	2000	2800	3
		⊖	58738	150Q/CL(ESL)	120	12	Clear ^{36,39,40} (ANSI Code ESL)	1 ³ / ₈	C, CC-2V	1000	2800	2 ³ / ₄
		⊖	58733	150Q/CL	130	12	Clear ^{36,39,40}	1 ³ / ₈	C, CC-2V	1000	2800	2 ³ / ₄
		⊖	58736	150Q(ETH)	120	12	Frosted ^{36,39,40} (ANSI Code ETH)	1 ¹ / ₂	C, CC-8	2000	2700	3
		⊖ D.C. Bay	58741	150Q/CL/DC(ETC)	120	12	Clear ^{36,39,40} (ANSI Code ETC)	1 ¹ / ₂	C, CC-8	2000	2800	2 ³ / ₄
		⊖	58748	150Q/CL/DC	130	12	Clear ^{36,39,40}	1 ³ / ₈	C, CC-2V	1000	2800	2 ³ / ₄
		⊖	58737	150Q/DC(ETF)	120	12	Frosted ^{36,39,40} (ANSI Code ETF)	1 ¹ / ₂	C, CC-8	2000	2700	2 ³ / ₄
		⊖	58742	150Q/CL/DC/1(ESP)	120	12	Clear ^{36,39,40} (ANSI Code ESP)	1 ³ / ₈	C, CC-2V	1000	2800	2 ⁷ / ₁₆
		⊖										
250	T-4	⊖ Mini-Can Screw	58762	250Q/CL(EHT)	120	12	Clear ^{36,39,40} (ANSI Code EHT)	1 ⁵ / ₈	C, CC-8	2000	5000	3 ¹ / ₈
		⊖	58764	250Q/CL	130	12	Clear ^{36,39,40}	1 ⁵ / ₈	C, CC-8	2000	5000	3 ¹ / ₈
		⊖ D.C. Bay	58720	250Q/CL/DC(ESS)	120	12	Clear ^{36,39,40} (ANSI Code ESS)	1 ⁵ / ₈	C, CC-8	2000	5000	3 ¹ / ₈
		⊖ Mini-Can Screw	58763	250Q(ESM)	120	12	Frosted ^{36,39,40} (ANSI Code ESM)	1 ⁵ / ₈	C, CC-8	2000	4850	3 ¹ / ₈
		⊖ Mini-Can Screw	58765	250Q(ESM)	130	12	Frosted ^{36,39,40}	1 ⁵ / ₈	C, CC-8	2000	4850	3 ¹ / ₈
		⊖ D.C. Bay	58753	250Q/DC(ETB)	120	12	Frosted ^{36,39,40} (ANSI Code ETB)	1 ⁵ / ₈	C, CC-8	2000	4850	3 ¹ / ₈
		⊖	58754	250Q/DC	130	12	Frosted ^{36,39,40}	1 ⁵ / ₈	C, CC-8	2000	4850	3 ¹ / ₈
500	T-4	⊖ Mini-Can Screw	58767	500Q(EYX)	120	12	Frosted ^{36,39,40} (ANSI Code EYX)	2	C, CC-8	2000	10100	3 ³ / ₄
		⊖	58768	500Q(EYV)	130	12	Frosted ^{36,39,40} (ANSI Code EYV)	2	C, CC-8	2000	10100	3 ³ / ₄
		⊖	58766	500Q/CL(EVR)	120	12	Clear ^{36,39,40} (ANSI Code EVR)	2	C, CC-8	2000	10450	3 ³ / ₄
		⊖	58756	500Q/CL(EYW)	130	12	Clear ^{36,39,40} (ANSI Code EYW)	2	C, CC-8	2000	10450	3 ³ / ₄

SUPER Q (Single End) (continued)

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
750	T-4	⊖ Mini-Can	58769	750Q/CL(EYT)	120	12	Clear 3050K ^{36,37,39,40} (ANSI Code EYT)	2	C, CC-8	500	18500	3¾
1000	T-5	⊖ Mini-Can	58774	1000Q/3CL	120	12	Clear 3200K ^{36,37,39,40}	2.150	C, CC-8	300	29000	3⅞
1500	T-8	▼ Mog. Scr.	58965	1500Q/CL/48	120	6	Clear ^{36,37,39,40}	5¼	C, CC-8	2000	34000	7

DOUBLE END (RSC base)

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
150	T-4	RSC	58912	150T4Q/CL	25	12	Clear, Dental Spot	.480	C, CC-8	3000	2800	2⅞ ₁₆
300	T-2½	— RSC	58923	300/T3.15Q/CL(EHM)	120	12	Clear ^{36,39} (ANSI Code EHM)	2⅞	C, C-8	2000	6000	4⅞ ₁₆
	T-4	⊖ RSC	58942	300T4Q/CL(EHP)	120	12	Clear ^{36,39,40} (ANSI Code EHP)	⅝	C, CC-8	2500	5000	3⅞
		⊖	58943	300T4Q/CL	130	12	Clear ^{36,39,40}	⅝	C, CC-8	2500	5000	3⅞
400	T-3	— RSC	58878	400T3Q/CL/SS	120	12	Clear ^{36,39,40} Krypton Filled SuperSaver®	2	C, C-8	2000	9000	4⅞ ₁₆
	T-3	— RSC	58879	400T3Q/CL/SS	130	12	Clear ^{36,39,40} Krypton Filled SuperSaver®	2	C, C-8	2000	9000	4⅞ ₁₆
	T-4	⊖ RSC	58936	400T4Q/CL(EHR)	120	12	Clear ^{36,39,40} (ANSI Code EHR)	⅝	C, CC-8	2000	7500	3⅞
500	T-3	— RSC	58883	500T3Q(FCZ)	120	12	Frosted ^{36,39} (ANSI Code FCZ)	2	C, C-8	2000	10500	4⅞ ₁₆
		—	58856	500T3Q/CL(FCL)	120	12	Clear ^{36,39} (ANSI Code FCL)	2	C, CC-8	2000	11100	4⅞ ₁₆
				 WE SUGGEST 400T3Q/CL/SS 120 Volts, An Energy Saving Product								
		—	58902	500T3Q/CL	130	12	Clear ^{36,39}	2	C, C-8	2000	11100	4⅞ ₁₆
1000	T-3	— RSC	58948	1000T3Q/CL	240	12	Clear ^{36,39}	6¾	C, C-8	2000	21500	10⅞ ₁₆
	T-6	RSC	58937	1000T6Q/CL(DWT)	120	12	Clear ^{36,39,40} (ANSI Code DWT)	1⅞	C, CC-8	2000	22000	5⅞
1200	T-3	— RSC	58882	1200T3Q/CL/SS	208	12	Clear ^{36,39} Krypton Filled SuperSaver®	6¾	C, C-8	2000	29000	10⅞ ₁₆
			58880	1200T3Q/CL/SS	240	12	Clear ^{36,39} Krypton Filled SuperSaver®	6¾	C, C-8	2000	29000	10⅞ ₁₆
		—	58881	1200T3Q/CL/SS	277	12	Clear ^{36,39} Krypton Filled SuperSaver®	6¾	C, C-8	2000	29000	10⅞ ₁₆
1500	T-3	— RSC	58859	1500T3Q/CL	208	12	Clear ^{36,39}	6¾	C, C-8	2000	35800	10⅞ ₁₆
				 WE SUGGEST 1200T3Q/CL/SS 208 Volts, An Energy Saving Product								
		—	58857	1500T3Q/CL	240	12	Clear ^{36,39}	6¾	C, C-8	2000	35800	10⅞ ₁₆
				 WE SUGGEST 1200T3Q/CL/SS 240 Volts, An Energy Saving Product								
		—	58858	1500T3Q/CL	277	12	Clear ^{36,39}	6¾	C, C-8	2000	34400	10⅞ ₁₆
				 WE SUGGEST 1200T3Q/CL/SS 277 Volts, An Energy Saving Product								



OTHER BASE TYPES

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/ Beam Spread	M.O.L. Inches
			Syl. Item No.									
500	PAR-56	Mog. End Prong	56210	500PAR56Q/NSP	120	12	Narrow Spot ^{9,15}		C, CC-6	4000	7000	5
			56211	500PAR56Q/MFL	120	12	Med. Flood ^{9,15}		C, CC-6	4000	7000	5
			56212	500PAR56Q/WFL	120	12	Wide Flood ^{9,15}		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	6 1/8
750	T-7	Med. Pf.	54658	DNT/FMD(750T7)	120	24	Spotlight, Clear (ANSI Code DNT/FMD)		C, C-13D	500	17000	6 1/8
1000	T-7	Med. Pf.	54657	DNV/FME(1MT7)	120	24	Spotlight, Clear (ANSI Code DNV/FME)		C, C-13D	200	27500	6 1/8
1000	PAR-64	Ext. Mog. End Prong	56206	1000PAR64Q/NSP	120	6	Narrow Spot ^{9,15}		C, CC-6	4000	16000	6
			56207	1000PAR64Q/MFL	120	6	Med. Flood ^{9,15}		C, CC-6	4000	16000	6
			56208	1000PAR64Q/WFL	120	6	Wide Flood ^{9,15}		C, CC-6	4000	16000	6

TRU-AIM® LAMPS (MR-16)

Tru-Aim® Plus Lamps

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	Candle Power	Beam Spread
			Syl. Item No.									
35			58968	35MR16/Q/FL/P ■	12	24	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	700	<45°
			58967	35MR16/Q/NFL/P ■	12	24	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	1800	<25°
			58966	35MR16/Q/NSP/P ■	12	24	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	8000	<10°
50			58971	50MR16/Q/FL/P ■	12	24	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	1150	<45°
			58970	50MR16/Q/NFL/P ■	12	24	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	2800	<25°
			58969	50MR16/Q/NSP/P ■	12	24	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	9400	<10°

Tru Aim® Lamps for General Lighting

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	Ordering Abbreviation	Volts	Pkg. Qty.	Description	Lighted Length Inches	Class and Fil.	Avg. Rated Hours Life	Candle Power	Beam Spread
			Syl. Item No.									
20	T-3	RM2P	58788	20MR16/Q/FL(BAB)	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	3000	460	<36°
			58784	20MR16/Q/NSP(ESX)	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	3000	3300	<12°
			58845	20MR16/Q/VNSP(EZX)	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	3000	10780	<5.5°
42	T-3	RM2P	58776	42MR16/Q/FL(EYP) □	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	991	<36°
			58780	42MR16Q/NSP(EYR) □	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	7077	<11.5°
			58847	42MR16/Q/VNSP(EZY) □	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	13500	<7°
			58778	42MR16/Q/SP(EYS) □	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	2800	<20°
50	T-3	RM2P	58823	50MR16/Q/FL(EXN)	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	1500	<40°
			58830	50MR16/Q/NFL(EXZ)	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	3000	<26°
			58828	50MR16/Q/NSP(EXT)	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	9150	<13°
65	T-3	RM2P	58836	65MR16/Q/NSP(FPA)	12	24	General Lighting, Rim Mount (EYF) Equiv. Lamps ^{18,25,39}		C, CC-6	4000	11500	<14°
			58840	65MR16/Q/FL(FPB)	12	24	General Lighting, Rim Mount (EYC) Equiv. Lamps ^{18,25,39}		C, CC-6	4000	2000	<38°
			58853	65MR16/Q/NFL(FPC)	12	24	General Lighting, Rim Mount Lamps ^{18,25,39}		C, CC-6	4000	4000	<23°

HALOGEN - CARDED

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
35	T-3	RM2P	58986	35MR16Q/NSP/P/RP ■	12	6	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	8000	10
			58978	35MR16Q/FL/P/RP ■	12	6	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	700	45
50	T-3	RM2P	58979	50MR16Q/NSP/P/RP ■	12	6	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	9400	10
			58981	50MR16Q/FL/P/RP ■	12	6	Aluminized Reflector Rim Mount Lamps Lensed		C, CC-6	4000	1150	45
10	T-3	2-Pin G4	58650	10T3Q/RP ■	12	6	Quartz Halogen Display Lamp ²⁷		C-6	2000	150	1¼
20	T-3	2-Pin G4	58655	20T3Q/RP ■	12	6	Quartz Halogen Display Lamp ²⁷		C-6	2000	350	1¼
50	T-4	2-Pin GY6.35	58660	50T4Q/RP ■	12	6	Quartz Halogen Display Lamp ²⁷		C-6	2000	950	1¾
75	T-4	2-Pin GY6.35	58665	75T4Q/RP ■	12	6	Quartz Halogen Display Lamp ²⁷		C-6	2000	1400	1¾
150	T-4	MINI CAN	58731	150Q/CL/2/RP (ETG) ■	120	6	Clear Single End		C, CC-8	2000	2800	3
250	T-4	MINI CAN	58773	250Q/CL/RP (EHT) ■	120	6	Clear Single End		C, CC-8	2000	5000	3⅞
300	T-4	RSC	58920	300T3Q/CL/RP (EHM) ■	120	6	Clear Double End		C, CC-8	2000	11100	4⅛
500	T-4	RSC	58865	500T3Q/CL/RP (FCL) ■	120	6	Clear Double End		C, CC-8	2000	6000	4⅛

QUARTZ INFRARED LAMPS

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
500	T-3	C(16)	59850	500T3	115-125	12	Translucent ^{36,37}	5	C, C-8	5000		8⅜
		C/RSC	59822	500T3/7	120	12	Translucent ^{36,37}	5	C, C-8	5000		8⅞
		C(110)	59823	500T4/CL	120	12	Clear ^{36,37}	1	C, C-8	3000		2⅜
1000	T-3	— (16)	59860	1000T3	230-250	12	Translucent ^{36,37}	10	C, C-8	5000		13⅜
		—	59862	1000T3/CL	240	12	Clear ^{36,37}	8½	C, C-8	5000		11⅞
		—	59861	1000T3/CL/HT □	230-250	12	Clear, High Temp. ³⁵	10	C, C-8	5000		11⅞
1200	T-3	— (16)	59934	1200T3/CL/HT	144	12	Clear, High Temp. ^{36,38}	6	C, C-8	(89)		8⅜

QUARTZ INFRARED LAMPS (continued)

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.									
1600	T-3	— (16)	59847	1600T3	208	12	Translucent ^{36,37}	16	C, C-8	5000		19 ¹³ / ₁₆
		—	59864	1600T3	240	12	Translucent ^{36,37}	16	C, C-8	5000		19 ¹³ / ₁₆
		—	59936	1600T3	277	12	Translucent ^{36,37}	16	C, C-8	5000		19 ¹³ / ₁₆
		—	59865	1600T3/CL/HT	230-250	12	Clear, High Temp. ³⁵	16	C, C-8	5000		19 ¹³ / ₁₆
		— RSC	59840	1600T3/7	208	12	Translucent ^{36,37}	16	C, C-8	5000		19 ⁵ / ₈
		—	59841	1600T3/7	240	12	Translucent ^{36,37}	16	C, C-8	5000		19 ⁵ / ₈
		—	59842	1600T3/7	277	12	Translucent ^{36,37}	16	C, C-8	5000		19 ⁵ / ₈
		—	59856	2000T3/CL	230-250	12	Clear ^{36,37}	10	C, C-8	5000		13 ¹³ / ₁₆
2000	T-3	— (16)	59856	2000T3/CL	230-250	12	Clear ^{36,37}	10	C, C-8	5000		13 ¹³ / ₁₆
		—	59935	2000T3/1CL/HT	230-250	12	Clear, High Temp. ^{36,38}	9 ³ / ₄	C, C-8	(89)		11 ¹³ / ₁₆
2200	T-3	— (110)	59925	2200T3/CL/HT	250	12	Clear, High Temp. ³⁵	9 ³ / ₄	C, C-8	1000		11 ¹⁵ / ₁₆
2500	T-3	— (16)	59867	2500T3	480	12	Translucent ^{36,37}	25	C, C-8	5000		28 ¹³ / ₁₆
		—	59858	2500T3/HT	575	12	Clear, High Temp. ³⁵	25	C, C-8	5000		28 ¹³ / ₁₆
		— RSC	59803	2500T3/7	480	12	Translucent ^{36,37}	25	C, C-8	5000		28 ⁵ / ₈
3000	T-3	— (16)	59866	3000T3/CL □	240	12	Clear ³⁶	16 ¹ / ₈	C, C-8	5000		19 ¹³ / ₁₆
3200	T-3	— (16)	59871	3200T3/CL/HT	384	12	Clear, High Temp. ^{35,43}	16	C, C-8	5000		17 ¹⁵ / ₁₆
3650	T-3	— (16)	59859	3650T3/CL	480	12	Clear ^{36,37}	38	C, C-8	5000		41 ¹¹ / ₁₆
3800	T-3	— (16)	59870	3800T3	570	12	Translucent ^{36,37}	38	C, C-8	5000		41 ¹³ / ₁₆
5000	T-3	— (16)	59937	5000T3/NBL	480	12	Clear ^{36,37}	58	C, C-8	5000		61 ¹ / ₄
6000	T-3	— (115)	59921	6000T3/CL/HT	480	12	Clear, High Temp. ^{35,38}	9 ³ / ₄	C, C-8	100		11 ¹¹ / ₁₆
		— (110)	59924	6000T3/CL/HT/1 □	480	12	Clear, High Temp. ^{35,38}	9 ³ / ₄	C, C-8	100		11 ¹⁵ / ₁₆
		— (16)	59919	6000T3/CL/HT6	480	12	Clear, High Temp. ^{35,38}	9 ³ / ₄	C, C-8	100		11 ¹⁵ / ₁₆

Sylvania: The Leader In Energy-Saving HID Lamps

UNDERSTANDING HIGH INTENSITY DISCHARGE

A brief description of the catalog format will assist the reader in understanding the information presented in this section.

All product families are listed in ascending wattage, followed by alphabetical bulb designation to simplify lamp identification.

Performance ratings are based on tests conducted under controlled conditions on AC circuits with auxiliary equipment meeting current published specifications.

Lamp performance under typical service conditions will vary from rated values. Ratings and specifications are subject to change without notice.

WATTS

Watts shown are lamp watts only. For total system watts, add nominal ballast watts for the specific ballast being used.

BULB

Descriptions of bulb shapes are shown on page 65. They consist of letters to indicate bulb shape, followed by numbers which indicate maximum bulb diameter in $\frac{1}{8}$ inch increments. For example, a BT-37 bulb is a blown shape with a tubular top, $4\frac{7}{8}$ inches in diameter. Although Sylvania HID bulbs are made of glass designed to resist thermal shock in normal applications, it must be shielded from direct contact with liquids during operation to avoid bulb breakage.

BASE

Sylvania HID lamp bases are made of corrosion-resistant brass or nickel plated brass with special lubricant on the brass bases to provide easy removal at end of lamp life.

Medium — Medium (MED) bases are used on lamps in ED-17 bulbs and are limited to 175 Watts maximum.

Medium Skirted — A medium brass base with skirt (Med. Skt.) which is mechanically connected to a PAR-38 bulb.

Mogul — All mogul (MOG) bases are embossed with letters and numbers representing months and years. The date of installation can be recorded by marking the letter of the current month and the number which coincides with the last digit of the current year.

POM — Position Oriented Mogul (POM) bases are used on lamps designed to operate only in the horizontal position and require a special (POM) socket.

Recessed Single Contact (RSC) — Sylvania double end HID lamps have RSC bases with silver plated contacts to provide maximum electrical contact. See page 65 for all base diagrams.

ITEM NUMBER

Item number is a five digit number used to identify a specific Sylvania lamp and should be used when ordering.

ORDERING ABBREVIATION

Provides a shorthand description of the lamp, using a unique code which can be used when ordering a lamp if you do not know the item number.

ANSI SPECIFICATION NUMBER

This is a unique code which describes the physical and electrical characteristics of the product. The code is developed and assigned by the American National Standards Institute (ANSI).

PACKAGE QUANTITY

This identifies the number of lamps contained in a standard shipping carton. A premium charge may apply to orders for less than standard package quantities.

AVERAGE LIFE (HOURS)

The average life of a lamp is based on vertical operation (unless otherwise noted) of representative lamps operated under controlled conditions of at least 10 hours per start. Average life is defined as the total operating hours at which 50% (MEDIAN) of any group of lamps is still burning.

Variations in operating conditions such as voltage, bulb and base temperatures can also affect lamp life.

Operating cycles shorter than 10 hours per start will reduce lamp life as follows:

5 HRS/START — APPROX. 75% OF RATING
2½ HRS/START — APPROX. 55% OF RATING
1¼ HRS/START — APPROX. 40% OF RATING

LUMENS

Initial ratings are based on photometry under controlled conditions of at least 10 hours per start in the prescribed position at rated lamp watts after 100 operating hours. Lamp performance under typical service conditions will vary from rated values.

Universal burning Metalarc lamps operated in off-vertical positions will result in reduced lumen output.

Mean lumens of Metalarc lamps are measured at 40% of rated life, High Pressure Sodium and Mercury lamps at 50% of rated life. All measurements based on ballast crest factors of 1.8 or less. Higher crest factors reduce values.

LIGHT CENTER LENGTH (LCL)

The light center length of HID lamps is usually measured in inches from the center of the arc tube to the bottom of the lamp base.

MAXIMUM OVERALL LENGTH (MOL)

The maximum overall length of single end lamps is the maximum distance, measured in inches, from the top of the bulb to the bottom of the base.

For double ended lamps, it is the maximum distance from end-to-end.

ARC LENGTH

Arc length is the dimension in inches of the arc discharge measured from one electrode tip to the other. This is useful for optical design of reflectors and affects fixture efficiency.

KEY TO DATE OF MANUFACTURE

Most Sylvania HID lamps have the date of manufacture embossed on the base. The numbers following "SR" or "ST" represent a 3 digit, 10 year (120 month) date code beginning January 1991 as 001 and ending with December 2000 as 120. On medium based lamps the date of manufacture is stamped on the glass envelope using the same code.

How to Read Ordering Guide

			Package Quantity		Description			(L.C.L.) Light Center Length			
1000	BT-56	Mogul	64713	MPT1000/BU-ONLY	M47	6	Clear, Base Up, Within 15° Only	12000	105000	84000	9 1/2 15 3/8
1500	BT-56	Mogul	64431	M1500/BU-HOR	M48PC-1500	6	Clear, Base-up to Horizontal ¹⁰	3000	155000	140000	9 1/2 15 3/8
			64432	M1500/BD	M48PC-1500	6	Clear, Base Down Within 15° Only ^{4,10}	3000	155000	140000	9 1/2 15 3/8
100	ED-17	Med.	67506	LU100/MED	S54SG-100	20	Clear	24000+	9500	8850	3 1/16 5 1/2
			67507	LU100/D/MED	S54SH-100	20	Coated ⁶	24000+	8800	7920	3 1/16 5 1/2

Watts

Bulb

Base

One NAED code # for each lamp

ANSI Spec #

M1500/BU-HOR

M — Metalarc
1500 — Lamp Nominal Wattage
BU-HOR — Base-up to horizontal operating position

Average Rate Hours Life

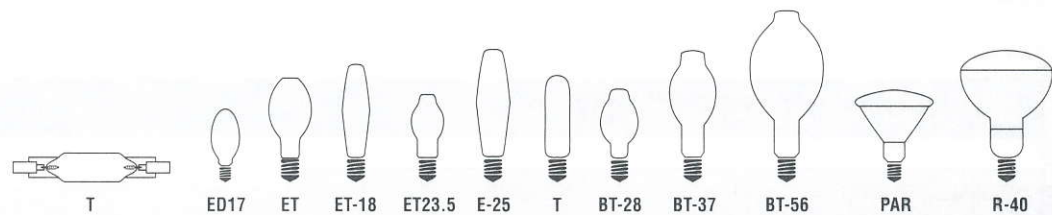
Approx. Vert. Lumens (initial)

Approx. Vert. Lumens (Mean)

(M.O.L.) Max. Overall Length

Bulbs

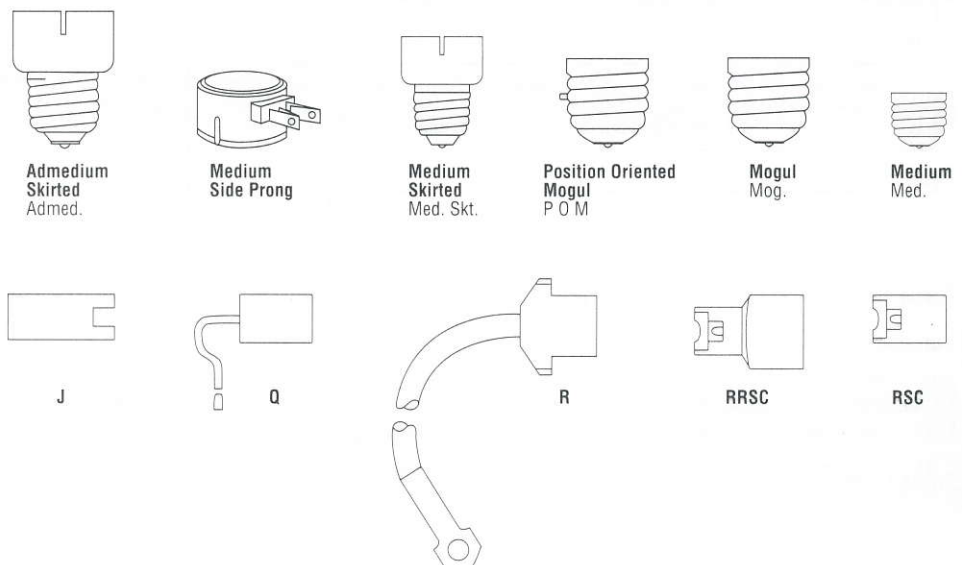
A Bulb designation consists of a letter(s) to indicate the shape and a figure(s) to indicate the approximate maximum diameter in eighths of an inch. Thus, an ED17 is an Ellipsoidal Shape, 1 7/8 of an inch or 2 1/8 inches in diameter.



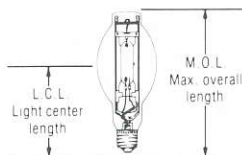
Bases

Lamps with screw bases have one lead-in wire soldered to the center contact and the other soldered or welded to the upper rim of the base shell.

Bases with ceramic bodies have internal leads welded to either silver plated contacts or external lead wires.



Light Center Length (L.C.L.) The light center length is the distance from the center of light source to the bottom of the base used subject to manufacturing tolerances.

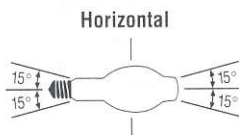


Candle Power
Cp = Ray of Light
in one direction
Fc = Max Beam Cp
D²



Operating Positions

The designated operating positions assure maximum lamp performance. Where it is not specified, the lamp is suitable for operation in any position.



Horizontal

**Vertical
BD-only**



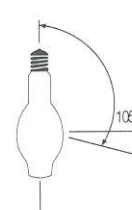
**Vertical
BU-only**



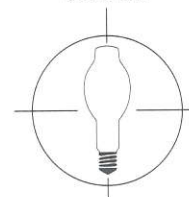
Double Ended



**Vertical
BU-HOR**



Universal



HID BRAND NAME GUIDE

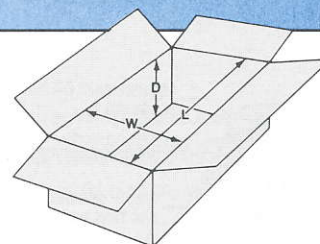
Sylvania	GE	Philips
Lumalux®	Lucalux®	Ceramalux™
Lumalux® Standby	Standby Lucalux®	Instant Restrike Ceramalux™
Metalarc®	Multi-Vapor	Metal Halide
Metalarc® Pro-Tech™	—	—
Metalarc® Safeline®	Saf-T-Guard® Multi-Vapor	Safety Lifeguard Metal Halide
Super Metalarc®	High Output Multi-Vapor	Metal Halide
Unalux®	E-Z Lux	"Econolux"
BRITE-LINE™	MQI	MHN-TD

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	5.5	1.04	15.75 x 12.62 x 9.062
69412	H39KC-175/DX	20	3.7	1.66	19.12 x 15.50 x 9.687
69416	H37KC-250/DX	20	3.7	1.66	19.12 x 15.50 x 9.687
69420	H33GL-400/DX	10	6.55	1.88	24.62 x 10.25 x 12.87
69331	H36GW-1000/DX	6	10.11	4.62	24.25 x 17.00 x 19.37
64414	M100/U/MED	20	5.5	.57	12.75 x 10.25 x 7.62
64471	M175/U	6	2.62	.72	12.81 x 9.062 x 10.75
64457	M250/U	6	2.62	.72	12.81 x 9.062 x 10.75
64490	M400/U	6	4.00	1.37	16.00 x 11.125 x 13.375
64468	M1000/U	6	10.11	4.62	24.25 x 17.00 x 19.37
64431	M1500/BU-HOR	6	10.11	4.62	24.25 x 17.00 x 19.37
64580	MP100PAR38/U/SP20	6	6.50	.81	15.62 x 11.25 x 8.00
64582	MP100PAR38/U/FL35	6	6.50	.81	15.62 x 11.25 x 8.00
64584	MP100PAR38/U/VWFL65	6	6.50	.81	15.62 x 11.25 x 8.00
67512	LU70	20	5.74	.96	15.37 x 12.37 x 8.75
67514	LU100	20	5.74	.96	15.37 x 12.37 x 8.75
67516	LU150/55	20	5.74	.96	15.37 x 12.37 x 8.75
67520	LU250	10	3.67	.66	14.12 x 11.75 x 6.875
67523	LU400	10	3.67	.66	14.12 x 11.75 x 6.875
67540	LU70/SBY	20	5.74	.96	15.37 x 12.37 x 8.75
67539	LU400/SBY	10	3.67	.66	14.12 x 11.75 x 6.875

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

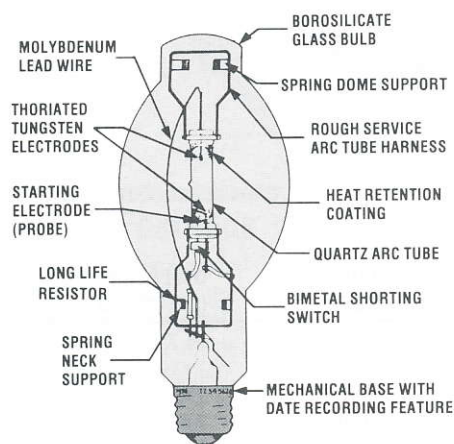
Color Rendering Index (CRI) is an international scale (numbering system) from 0-100 which indicates the relative color rendering quality of a light source when compared to a standard reference light source of the same chromaticity (color temperature). It expresses the degree to which colors will appear "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®	50	3200	70	3200	70	—	—
	70	3200	75	3200	75	—	—
	100	3200	65	3200	65	—	—
	100	4000	80	—	—	—	—
	150	3200	75	3200	75	—	—
	175	4400	65	4000	70	3200	70
	250	4400	65	3600	70	3200	70
	400	4000	65	3600	70	—	—
	1000	4000	65	3600	70	—	—
	1500	4000	65	—	—	—	—
Super Metalarc® Lamps	175	4400	65	4000	70	3200	70
	250	4000	65	3600	70	3200	70
	400 (HOR)	4400	65	3600	70	3200	70
	400 (Vertical)	4000	65	3600	70	3200	70
	1000	4000	65	3600	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	—	—
	ULX215	2000	20	—	—
	ULX360	2060	20	—	—
	ULX880	2100	20	—	—

GUIDE TO METAL HALIDE LAMPS



Sylvania currently offers five families of Metal Halide lamps: Metalarc®, Super Metalarc, Metalarc® Pro-Tech™, Metalarc® Safeline® and Brite-Line™. These lamps are designed for general lighting applications where good color and high efficiency are desired for applications such as commercial, industrial lighting and outdoor floodlighting.

STANDARD METALARC® — A broad range of general lighting lamps including 70, 100, 150, 175, 250, 400 and 1000 watts designed for universal burning — also 1500 watts for special floodlighting applications. All lamps, except the 400 and 1000 W operating within 15° of vertical, must be operated in **ENCLOSED FIXTURES** which comply with UL Standard 1572 revised 12/88. Refer to fixture manufacturer data for compliance. All lamps are available in clear and phosphor coated bulbs.

SUPER METALARC® — Lamps of 175, 250, 400 watts are designed for use where higher light output is required when operated in the horizontal position. Similar lamps of 400 and 1000 watts are also available for operation in the vertical position. All lamps are available in clear and phosphor coated bulbs. All except the 1000 watt are offered with a warm 3200K phosphor for use in retail applications.

METALARC® PRO-TECH™ — These are specially designed lamps of 50, 70, 100, 400, 1000 watts for use in **OPEN FIXTURES** where increased fixture efficiency and lower maintenance costs are important. May also be used in older enclosed fixtures which do not comply with UL Standard 1572 revised 12/88 and additional safety is desired. All wattages are available in clear and phosphor coated bulbs.

METALARC® SAFELINE® — Lamps of 400, 1000 watts designed to self extinguish when the outer bulb is broken. Recommended for use in **OPEN FIXTURES** installed in sports facilities and other places of public assembly where the lamps may be subject to breakage by external objects.

BRITE-LINE™ — Lamps of 70, 100, 150, 1000, 1500, 2000W designed for compact fixtures which provide excellent optical control and high efficiency. The higher wattage lamps are particularly well suited for sports lighting and outdoor floodlighting applications. Lower wattage lamps are designed for applications requiring good optical control and warm color. All lamps must be operated in **ENCLOSED FIXTURES** with an ultraviolet (UV) filter glass lens to prevent serious skin burns and eye inflammation resulting from shortwave ultraviolet radiation.

STANDARD AND SUPER METALARC® LAMPS

WARNING

This product conforms to Federal Standard 21 CFR 1040.30

This lamp can cause serious skin burn and eye inflammation from shortwave ultra-violet radiation if outer envelope (glass bulb) of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available from GTE Products Corporation.

Metal Halide arc tubes operate under high pressure (up to 50 p.s.i.) and at very high temperatures and can unexpectedly rupture due to internal causes or external factors such as a ballast failure or misapplication. An arc tube rupture can burst and shatter the outer glass bulb resulting in the discharge of glass fragments and extremely hot quartz particles (as high as 1832°F — 1000°C). In the event of such rupture, **there is a risk of personal injury, property damage, burns and fire.**

All Standard and Super Metalarc **except 400 and 1000 watt lamps**, operating within 15° of vertical, must be operated in **enclosed fixtures** which comply with UL Standard 1572 (revised December 26, 1988). Such fixtures should withstand an arc tube rupture. Refer to the fixture manufacturer data for compliance with UL 1572.

To reduce the risk of personal injury and property damage the user must follow the instructions below.

Operating and Installation Instructions

1. Operate lamps only with compatible auxiliary equipment (ballast, starter, capacitor and socket) as indicated by the ANSI designation on the lamp.
2. Do not remove the lamp when power is **on**. If outer glass bulb is broken, shut off power immediately and remove the lamp after it has cooled.
3. **Turn lamp off for a minimum of fifteen minutes at least once a week.**
4. **Replace lamp at or before end of published rated life.**
5. Do not expose operating lamp to moisture.
6. Replace lamp if outer glass bulb has been scratched, cracked or damaged in any way.
7. Electrically insulate any metal support in contact with the outer glass bulb to avoid glass decomposition.
8. To ensure electrical contact, screw lamp firmly but not forcibly in the socket. Excessive force may cause the outer envelope to break.

Metalarc lamps must be operated in their designated burning position to achieve design performance ratings for lumens, life and color temperature.

METALARC® PRO-TECH™

WARNING

This product conforms to Federal Standard 21 CFR 1040.30

This lamp can cause serious skin burn and eye inflammation from shortwave ultra-violet radiation if outer envelope (glass bulb) of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available from GTE Products Corporation.

All Metalarc Pro-Tech lamps are designed for use in **open** fixtures and must be operated in the designated burning position as shown on the outer glass bulb, i.e., BU (Base Up).

In applications requiring an additional measure of safety, an enclosure material that complies with UL Standard 1572 (revised December 1988) can be used.

All instructions listed for standard and Super Metalarc lamps on page 68 also apply to the Metalarc Pro-Tech lamps.

METALARC® SAFELINE®

WARNING

This product conforms to Federal Standard 21 CFR 1040.30

All Metalarc Safeline lamps are designed for use in open fixtures and must be operated in the designated burning position as shown on the outer glass bulb, i.e., BU (Base Up).

This lamp should self-extinguish within 15 minutes after the outer envelope is broken or punctured. If such damage occurs, *turn off and remove lamp* to avoid possible injury from hazardous shortwave ultra-violet radiation.

All instructions for standard and Super Metalarc lamps listed on page 68 also apply to the Safeline lamps.

BRITE-LINE™ LAMPS

WARNING

This lamp must be operated only in a suitably enclosed fixture designed to reduce the risk of personal injury and property damage resulting from an arc tube rupture. A suitably enclosed fixture uses lens/diffuser material able to contain fragments of hot quartz (up to 1832°F). Enclosed fixtures which comply with UL Standard 1572 revised December 26, 1988 should withstand an arc tube rupture.

Exposure to shortwave ultraviolet radiation from this lamp can cause serious skin burn and eye inflammation. Use only in equipment provided with a lens cover of high temperature aluminosilicate glass (such as Corning Corlite®) or equivalent which filter out harmful shortwave ultraviolet radiation.

We strongly recommend the fixture be provided with a power interlock device to automatically turn **off** lamp if fixture assembly is opened.

If the fixture lens is broken, turn power off immediately. People should not remain in the area for more than a few minutes without adequate shielding or other safety precautions while lamp is operating with a broken lens.

Operating and Installation Instructions

1. Operate lamps only with compatible auxiliary equipment fixture (ballast, capacitor, ignitor).
2. Turn lamp **off** once per week for at least 15 minutes.
3. Lamp should be in contact only with sockets and should be inserted without undue pressure.
4. To avoid electrical shock, do not remove or install lamp when power is **on**.
5. Base temperature of this lamp must not exceed 350°C.
6. All seal gaskets and wire insulation must be shielded from ultraviolet radiation produced by the lamp.
7. Bulb wall temperature of this lamp must be maintained between 600°C and 700°C for satisfactory performance.
8. Fixture wiring must have minimum voltage rating of 1500V RMS and a temperature rating of 250°C for lamps 1000 watts or greater.
9. Luminaire reflector should be a minimum of ¾ of an inch from quartz tube to prevent short lamp life due to photoelectric effects.
10. Lamp should be operated within 4 degrees of the horizontal position with exhaust tip up to insure maximum operating efficiency.
11. Replace lamp at or before the end of rated life as specified in the Sylvania Product Bulletin available at no cost.

Caution

Do not remove lamp from package until ready for use. Handle the lamp only with clean, cotton gloves. If the lamp is handled, fingerprints, grease or oils should be removed from the quartz by washing the lamp in distilled water or isopropyl alcohol. This will remove materials which cause whitish spotting (devitrification) and premature lamp failure. Dry the lamp carefully with cotton or a clean cloth.

METALARC®

STANDARD METALARC® (Enclosed Fixtures Only)

M400/U, M400/C/U, M1000/U, M1000/C/U, operated vertically within 15° may be operated in OPEN fixtures.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.
			Syl. Item No.						Initial	Mean		
70	ED-17	Med.	64548	M70/U/MED ■	M98SJ-70	20	Clear, Univ. Burn ^{10,15}	10000V 7500H	5200	4200	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64549	M70/C/U/MED ■	M98	20	Coated, Univ. Burn ^{10,15}	10000V 7500H	4800	3600	3 ¹³ / ₃₂	5 ⁷ / ₁₆
100	ED-17	Med.	64414	M100/U/MED	M90TW-100	20	Clear, Univ. Burn ^{10,15}	10000V 7500H	8500	6800	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64415	M100/U/4K/MED ■	M90TW-100	20	Clear, Univ. Burn ^{10,15}	10000V 7500H	7800	5850	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64419	M100/C/U/MED	M90TX-100	20	Coated, Univ. Burn ^{10,15}	10000V 7500H	8000	6400	3 ¹³ / ₃₂	5 ⁷ / ₁₆
150	ED-17	Med.	64560	M150/U/MED	M102TW-150	20	Clear, Univ. Burn ^{10,15}	10000V 7500H	13000	10800	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64562	M150/C/U/MED	M102TX-150	20	Coated, Univ. Burn ^{10,15}	10000V 7500H	12200	9200	3 ¹³ / ₃₂	5 ⁷ / ₁₆
175	BT-28	Mogul	64471	M175/U ■	M57PE-175	6	Clear, Univ. Burn ¹⁰	10000V 7500H	15000V 13400H	11600V 10000H	5	8 ⁵ / ₁₆
			64472	M175/C/U ■	M57PF-175	6	Coated, Univ. Burn ¹⁰	10000V 7500H	15000V 12900H	11200V 9600H	5	8 ⁵ / ₁₆
			64473	M175/3K/BU-ONLY	M57PF-175	6	Coated, Base Up within 15° Only ^{4,10}	10000V	13000	9500	5	8 ⁵ / ₁₆
	ED-17	Med.	64479	M175/U/MED ■	M57	20	Clear, Univ. Burn ¹⁰	10000V 7500H	15000V 13400H	11600V 10000H	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64480	M175/C/U/MED ■	M57	20	Coated, Univ. Burn ¹⁰	10000V 7500H	15000V 12900H	11200V 9600H	3 ¹³ / ₃₂	5 ⁷ / ₁₆
250	BT-28	Mogul	64457	M250/U	M58PG-250	6	Clear, Univ. Burn ¹⁰	10000	22000V 20000H	18000V 15000H	5	8 ⁵ / ₁₆
			64458	M250/C/U	M58PH-250	6	Coated, Univ. Burn ¹⁰	10000	22000V 20000H	17000V 14000H	5	8 ⁵ / ₁₆
			64475	M250/3K/BU-ONLY	M58PH-250	6	Coated, Base Up within 15° Only ^{4,10}	10000	19000	15000	5	8 ⁵ / ₁₆
	ET-18	Mogul	64474	M250/U/ET-18 ■	M58	10	Clear, Univ. Burn ¹⁰	10000V 7500H	22000V 20000H	18000V 15000H	5 ³ / ₄	9 ³ / ₄
400	BT-28	Mogul	64488	M400/U/BT-28 ■	M59	6	Clear, Univ. Burn ¹⁰	20000V 15000H	36000V 32000H	28800V 23700H	5	8 ⁵ / ₁₆
			64489	M400/C/U/BT-28 ■	M59	6	Coated, Univ. Burn ¹⁰	20000V 15000H	36000V 32000H	27700V 22700H	5	8 ⁵ / ₁₆
	BT-37	Mogul	64490	M400/U	M59PJ-400	6	Clear, Univ. Burn ¹³	20000V 15000H	36000V 32000H	28800V 23700H	7	11 ¹ / ₂
			64492	M400/C/U	M59PK-400	6	Coated, Univ. Burn ¹³	20000V 15000H	36000V 32000H	27700V 22700H	7	11 ¹ / ₂
1000	BT-37	Mogul	64469	M1000/U/BT-37 ■	M47	6	Clear, Univ. Burn ¹⁰	12000V 9000H	110000V 107800H	88000V 86300H	7	11 ¹ / ₂
	BT-56	Mogul	64468	M1000/U	M47PA-1000	6	Clear, Univ. Burn ¹³	12000V 9000H	110000V 107800H	88000V 86300H	9 ¹ / ₂	15 ³ / ₈
			64470	M1000/C/U	M47PB-1000	6	Coated, Univ. Burn ¹³	12000V 9000H	105000V 100000H	80000V 76000H	9 ¹ / ₂	15 ³ / ₈

STANDARD METALARC® (Enclosed Fixtures Only) (continued)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.
			Syl. Item No.						Initial	Mean		
1500	BT-56	Mogul	64431	M1500/BU-HOR	M48PC-1500	6	Clear, Base-Up to Horiz. ¹⁰	3000	155000	140000	9½	15¾
			64432	M1500/BD	M48PC-1500	6	Clear, Base Down within 15° Only ^{4,10}	3000	155000	140000	9½	15¾

SUPER METALARC® (Enclosed Fixtures Only—Horizontal Burning Lamps)

Super Metalarc® Lamps operated vertically within 15° may be operated in OPEN fixtures.

All horizontally oriented lamps require a position oriented mogul (POM) socket to accept position oriented mogul base.

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.
			Syl. Item No.						Initial	Mean		
175	BT-28	Position Oriented Mogul Base	64439	MS175/HOR	M57	6	Clear, Horiz. within 15° ^{10,16}	7500	15000	12000	5	8½ ₁₆
			64440	MS175/C/HOR	M57	6	Coated, Horiz. within 15° ^{10,16}	7500	15000	11300	5	8½ ₁₆
			64494	MS175/3K/HOR	M57	6	Coated, Horiz. within 15° ^{10,16}	7500	13000	9500	5	8½ ₁₆
250	BT-28	Position Oriented Mogul Base	64448	MS250/HOR	M58	6	Clear, Horiz. within 15° ^{10,16}	10000	23000	18000	5	8½ ₁₆
			64449	MS250/C/HOR	M58	6	Coated, Horiz. within 15° ^{10,16}	10000	23000	17000	5	8½ ₁₆
			64496	MS250/3K/HOR	M58	6	Coated, Horiz. within 15° ^{10,16}	10000	21500	16500	5	8½ ₁₆
400	BT-37	Position Oriented Mogul Base	64445	MS400/HOR	M59	6	Clear, Horiz. within 15° ^{10,16}	20000	40000	32000	7	11½
			64446	MS400/C/HOR	M59	6	Coated, Horiz. within 15° ^{10,16}	20000	40000	31000	7	11½
			64498	MS400/3K/HOR	M59	6	Coated, Horiz. within 15° ^{10,16}	20000	36000	27000	7	11½
	Mogul		64450	MS400/BU-ONLY	M59PJ-400	6	Clear, Base Up within 15° Only ^{4,13}	20000	40000	32000	7	11½
			64451	MS400/BD-ONLY	M59PJ-400	6	Clear, Base Down within 15° Only ^{4,13}	20000	40000	32000	7	11½
			64452	MS400/C/BU-ONLY	M59PK-400	6	Coated, Base Up within 15° Only ^{4,13}	20000	40000	31000	7	11½
			64453	MS400/C/BD-ONLY	M59PK-400	6	Coated, Base Down within 15° Only ^{4,13}	20000	40000	31000	7	11½
			64454	MS400/3K/BU-ONLY	M59PK-400	6	Coated, Base Up within 15° Only ^{4,13}	20000	37000	28000	7	11½
1000	BT-56	Mogul	64435	MS1000/BU-ONLY	M47PA-1000	6	Clear, Base Up within 15° Only ^{4,13}	12000	115000	92000	9½	15¾
			64436	MS1000/BD-ONLY	M47PA-1000	6	Clear, Base Down within 15° Only ^{4,13}	12000	115000	92000	9½	15¾
			64460	MS1000/C/BU-ONLY	M47PB-1000	6	Coated, Base Up within 15° Only ^{4,13}	12000	115000	88000	9½	15¾
			64461	MS1000/C/BD-ONLY	M47PB-1000	6	Coated, Base Down within 15° Only ^{4,13}	12000	115000	88000	9½	15¾

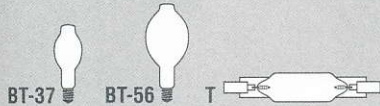


METALARC® PRO-TECH™ (Open or Enclosed Fixtures)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.
			Syl. Item No.						Initial	Mean		
50	ED-17	Med.	64587	MP50/U/MED ■	M110	20	Clear, Univ. Burn ¹⁵	5000	3300	2400	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64588	MP50/C/U/MED ■	M110	20	Coated, Univ. Burn ¹⁵	5000	2800	2200	3 ¹³ / ₃₂	5 ⁷ / ₁₆
70	ED-17	Med.	64547	MP70/U/MED ■	M98	20	Clear, Univ. Burn ¹⁵	10000V 7500H	5200	4200	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64546	MP70/C/U/MED ■	M98	20	Coated, Univ. Burn ¹⁵	10000V 7500H	4800	3600	3 ¹³ / ₃₂	5 ⁷ / ₁₆
	PAR38	Med. Skt.	64590	MP70PAR38/U/SP20 ■	M98	6	Spot, Univ. Burn ¹⁵	7500		18000 _{CP<20°}		5 ⁵ / ₁₆
			64592	MP70PAR38/U/FL35 ■	M98	6	Flood, Univ. Burn ¹⁵	7500		10000 _{CP<35°}		5 ⁵ / ₁₆
			64594	MP70PAR38/U/VWFL65 ■	M98	6	Very Wide Flood, Univ. Burn ¹⁵	7500		3000 _{CP<65°}		5 ⁵ / ₁₆
100	ED-17	Med.	64417	MP100/U/MED ■	M90	20	Clear, Univ. Burn ¹⁵	10000V 7500H	8500	6800	3 ¹³ / ₃₂	5 ⁷ / ₁₆
			64418	MP100/C/U/MED ■	M90	20	Coated, Univ. Burn ¹⁵	10000V 7500H	8000	6400	3 ¹³ / ₃₂	5 ⁷ / ₁₆
	PAR38	Med. Skt.	64580	MP100PAR38/U/SP20 ■	M90	6	Spot, Univ. Burn ¹⁵	7500		26000 _{CP<20°}		5 ⁵ / ₁₆
			64582	MP100PAR38/U/FL35 ■	M90	6	Flood, Univ. Burn ¹⁵	7500		12000 _{CP<35°}		5 ⁵ / ₁₆
			64584	MP100PAR38/U/VWFL65 ■	M90	6	Very Wide Flood, Univ. Burn ¹⁵	7500		4500 _{CP<65°}		5 ⁵ / ₁₆
400	BT-37	Mogul	64700	MP400/BU-BD ■	M59	6	Clear, Vert. within 15° Only ⁴	20000	38000	30500	7	11 ¹ / ₂
			64701	MP400/C/BU-BD ■	M59	6	Coated, Vert. within 15° Only ⁴	20000	36000	27000	7	11 ¹ / ₂
			64702	MP400/3K/BU-ONLY	M59	6	Coated, Base Up within 15° Only ⁴	20000	36000	27000	7	11 ¹ / ₂
1000	BT-56	Mogul	64714	MP1000/BU-ONLY	M47	6	Clear, Base Up within 15° Only ⁴	12000	107000	85500	9 ¹ / ₂	15 ³ / ₈
			64716	MP1000/C/BU-ONLY	M47	6	Coated, Base Up within 15° Only ⁴	12000	107000	81500	9 ¹ / ₂	15 ³ / ₈

Notes





METALARC® SAFELINE® (Particularly Suited for Open Fixtures) CW/CWA BALLAST ONLY

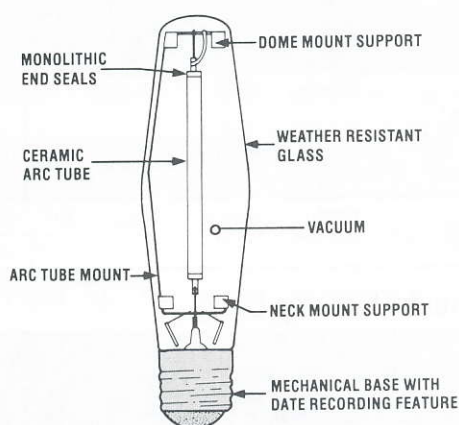
Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.
			Syl. Item No.						Initial	Mean		
400	BT-37	Mogul	64703	MPT400/BU-ONLY	M59	6	Clear, Base Up within 15° Only ⁴	20000	35500	23000	7	11½
			64704	MPT400/C/BU-ONLY	M59	6	Coated, Base Up within 15° Only ⁴	20000	35500	21000	7	11½
1000	BT-56	Mogul	64713	MPT1000/BU-ONLY	M47	6	Clear, Base Up within 15° Only ⁴	12000	105000	84000	9½	15¾

METALARC® BRITE-LINE™ Double Ended Metal Halide Lamps (Enclosed Fixtures Only)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Life (Hours)	Approx. Lumens		Arc Length	M.O.L.
			Syl. Item No.						Initial	Mean		
70	T6	RSC	64555	M70T6/DE ■	M85PX-70	10	Clear, Horiz. Burn within 15° Only ^{9,11}	6000	5200 (Horizontal)	4200	2¾	4¾
100	T6	RSC	64413	M100T6/DE ■	M91TN-100	10	Clear, Horiz. Burn within 15° Only ^{9,11}	7500	8500 (Horizontal)	6800	2¾	4¾
150	T7	RSC	64564	M150T7/DE ■	M81PS-150	10	Clear, Horiz. Burn within 15° Only ^{9,11}	7500	13000 (Horizontal)	10800	2¾	5⅞
1000	T9	RECT RSC	64467	M1000T9/DE ■		10	Clear, Horiz. Burn within 4° Only ^{9,11,12}	7500	100000 (Horizontal)	86000	4⅞	10⅞
1500	T7	RECT RSC	66619	M1500T7/DE		10	Clear, Horiz. Burn within 4° Only ^{9,11}	3000	150000 (Horizontal)	130000	7	10⅞
2000	T8	RECT RSC	66627	M2000T8/DE ■		10	Clear, Horiz. Burn within 4° Only ^{9,11,12}	3000	200000 (Horizontal)	170000	7¼	10¾

Notes

GUIDE TO HIGH PRESSURE SODIUM LAMPS



There are currently three families of Sylvania High Pressure Sodium lamps: Lumalux®, Lumalux® Standby and Unalux®. They are the most efficient HID sources available. These lamps are used for general lighting applications where high efficiency and long life are desired and color rendering is not critical. Typical applications include streetlighting, industrial hi-bay, parking lot lighting, and building floodlighting.

LUMALUX®

Available in a broad range of mogul base general lighting lamps from 35-1000 watts for universal operation. Lamps from 35 to 150 watts are also available in medium base. All lamps are available in clear and coated bulbs.

LUMALUX® STANDBY

These lamps are designed with two arc tubes to provide instant restrike capability in the event of a momentary power interruption without total loss of light.

UNALUX®

These retrofit lamps are designed to operate on all mercury reactor ballasts when increased light and reduced energy is desired.

LUMALUX® AND LUMALUX STANDBY LAMPS

WARNING

1. These lamps must be operated with a fixture and ballast which has an ANSI designation identical to the ANSI designation on the lamp etch on the outer glass bulb or the lamp may shatter resulting in the discharge of hot glass particles. SHOULD THIS OCCUR, THERE IS A RISK OF PERSONAL INJURY AND PROPERTY DAMAGE FROM HOT PARTICLES OR SHATTERED GLASS, BURNS AND FIRE.
2. Do not remove or insert lamps when power is **on**. If outer glass bulb is broken, shut off power immediately and remove lamp after it has cooled.
3. Do not expose operating lamp to moisture.
4. Replace the lamp if outer glass bulb has been scratched, cracked or damaged in any way.
5. Electrically insulate any metal support in contact with the outer glass bulb to avoid glass decomposition.

Operating and Installation Instructions

1. To avoid burn injury, allow lamp to cool before removing from the fixture.
2. To ensure electrical contact, screw lamp firmly but not forcibly into the socket. Excessive force may cause the outer glass bulb to break.
3. Lamps may be operated in any burning position.
4. To minimize cycling, replace lamp at or before end of published rated life.
5. Lumalux lamps require a specially designed mogul base socket electrically rated to withstand 4000 volt pulses except LU750 and LU1000 which require sockets to withstand 5000 volt pulses.

UNALUX® LAMPS

WARNING

Unalux lamps will operate satisfactorily on conventional Mercury ballast circuits meeting current ANSI specifications. Ballast must be high leakage reactance lag type auto-transformer; or a 240 or 277 volt reactor for the 150W, 215W, 360W lamps and a 480 volt reactor for the 880W lamp. Lamps should not be used in luminaries which cause excessive increase in arc tube operating voltage. **Do not use these lamps with constant wattage or constant wattage auto-transformer ballasts, conventional high pressure sodium ballasts or equipment not meeting conditions shown in the following table.**

Mercury Lamp Wattage	ANSI Ballast	Unalux Type	Approximate Unalux Lamp Wattage
175	(H30)	ULX-150	150
250	(H37)	ULX-215	215
400	(H33)	ULX-360	360
1000	(H36)	ULX-880	880

LUMALUX®

STANDARD LUMALUX®

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.
			Syl. Item No.						Initial	Mean		
35	ED-17	Med.	67500	LU35/MED	S76HA-35	20	Clear	16000	2250	2025	3 ⁷ / ₁₆	5 ¹ / ₂
			67501	LU35/D/MED	S76HB-35	20	Coated ⁶	16000	2150	1935	3 ⁷ / ₁₆	5 ¹ / ₂
50	ED-17	Med.	67502	LU50/MED	S68LP-50	20	Clear	24000+	4000	3600	3 ⁷ / ₁₆	5 ¹ / ₂
			67503	LU50/D/MED	S68LR-50	20	Coated ⁶	24000+	3800	3420	3 ⁷ / ₁₆	5 ¹ / ₂
	ET-23 ¹ / ₂	Mog	67510	LU50	S68MS-50	20	Clear	24000+	4000	3600	5	7 ¹ / ₂
			67511	LU50/D	S68MT-50	20	Coated ⁶	24000+	3800	3420	5	7 ¹ / ₂
70	ED-17	Med.	67504	LU70/MED	S62LG-70	20	Clear	24000+	6300	5670	3 ⁷ / ₁₆	5 ¹ / ₂
			67505	LU70/D/MED	S62LH-70	20	Coated ⁶	24000+	5985	5387	3 ⁷ / ₁₆	5 ¹ / ₂
	ET-23 ¹ / ₂	Mog	67512	LU70	S62ME-70	20	Clear	24000+	6300	5670	5	7 ¹ / ₂
			67513	LU70/D	S62MF-70	20	Coated ⁶	24000+	5985	5387	5	7 ¹ / ₂
100	ED-17	Med.	67506	LU100/MED	S54SG-100	20	Clear	24000+	9500	8850	3 ⁷ / ₁₆	5 ¹ / ₂
			67507	LU100/D/MED	S54SH-100	20	Coated ⁶	24000+	8800	7920	3 ⁷ / ₁₆	5 ¹ / ₂
	ET-23 ¹ / ₂	Mog	67514	LU100	S54SB-100	20	Clear	24000+	9500	8850	5	7 ¹ / ₂
			67515	LU100/D	S54MC-100	20	Coated ⁶	24000+	8800	7920	5	7 ¹ / ₂
150	ED-17	Med.	67508	LU150/55/MED	S55RN-150	20	Clear, 55 Volt	24000+	16000	14400	3 ³ / ₄	5 ¹ / ₁₆
			67509	LU150/55/D/MED	S55RP-150	20	Coated, 55 Volt ⁶	24000+	15000	13500	3 ³ / ₄	5 ¹ / ₁₆
	ET-23 ¹ / ₂	Mog	67516	LU150/55	S55SC-150	20	Clear, 55 Volt ⁷	24000+	16000	14400	5	7 ¹ / ₂
			67517	LU150/55/D	S55MD-150	20	Coated, 55 Volt ^{6,7}	24000+	15000	13500	5	7 ¹ / ₂
	BT-28	Mog	67518	LU150/100	S56SD-150	10	Clear, 100 Volt ⁷	24000+	16000	14400	5	8 ⁹ / ₁₆
200	ET-18	Mog	67519	LU200	S66MN-200	10	Clear	24000+	22000	19800	5 ³ / ₄	9 ³ / ₄
250	ET-18	Mog	67520	LU250	S50VA-250	10	Clear	24000+	28000	25200	5 ³ / ₄	9 ³ / ₄
	BT-28	Mog	67521	LU250/D	S50VC-250	10	Coated ⁶	24000+	26000	23400	5	8 ⁹ / ₁₆
	T-7	RSC	67526	LU250/T7/RSC <input type="checkbox"/>	S50	10	Clear ⁹	24000	25500	23400		10 ¹ / ₁₆
310	ET-18	Mog	67522	LU310	S67MR-310	10	Clear	24000+	37000	33300	5 ³ / ₄	9 ³ / ₄
400	ET-18	Mog	67523	LU400	S51WA-400	10	Clear	24000+	50000	45000	5 ³ / ₄	9 ³ / ₄
	BT-37	Mog	67524	LU400/D	S51WB-400	10	Coated ⁶	24000+	47500	42750	7	11 ¹ / ₂
	T-7	RECT RSC	67527	LU400/T7/RSC <input type="checkbox"/>	S51	10	Clear ⁹	24000	46000	41400		10 ¹ / ₁₆
750	BT-37	Mog	67547	LU750	S111NH-750	6	Clear ¹⁴	24000	110000	99000	6 ⁷ / ₈	11 ¹ / ₂
1000	E-25	Mog	67307	LU1000	S52XB-1000	6	Clear ¹⁴	24000+	140000	126000	8 ³ / ₄	15 ¹ / ₁₆

LUMALUX® STANDBY

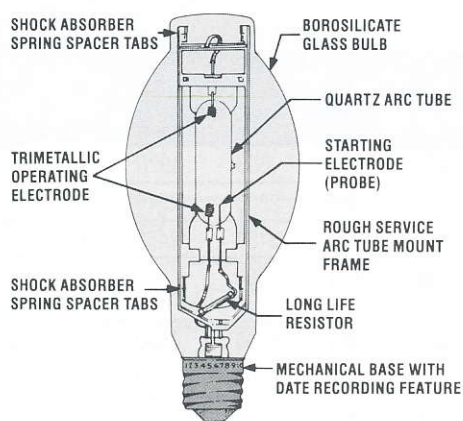
Watts Bulb	Base	VENDOR ID NO.		Ordering Abbreviation	ANSI Spec. #	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Vert. Lumens		L.C.L.	M.O.L.
		DCI 046135 UPC 46135	Syl. Item No.						Initial	Mean		
70	ET-23½ Mog		67540	LU70/SBY ■	S62	20	Clear, Standby Arc Tube ⁵	40000	6300	5040	5	7½
100	ET-23½ Mog		67542	LU100/SBY ■	S54	20	Clear, Standby Arc Tube ⁵	40000	9500	7600	5	7½
150	ET-23½ Mog		67544	LU150/55/SBY	S55	20	Clear, Standby Arc Tube, 55 Volt ⁵	40000	16000	12800	5	7½
200	ET-18 Mog		67545	LU200/100/SBY ■	S66	10	Clear, Standby Arc Tube, 100 Volt ⁵	40000	22000	17600	5¾	9¾
250	ET-18 Mog		67537	LU250/SBY	S50VJ-250	10	Clear, Standby Arc Tube ⁵	40000	28000	22400	5¾	9¾
400	ET-18 Mog		67539	LU400/SBY	S51	10	Clear, Standby Arc Tube ⁵	40000	50000	40000	5¾	9¾
1000	E-25 Mog		67543	LU1000/SBY	S52	6	Clear, Standby Arc Tube	24000	140000	126000	8¾	15½

UNALUX® (Retrofit High Pressure Sodium Lamps)

All Unalux lamps must be operated on mercury lag or reactor ballasts only.

Watts Bulb	Base	VENDOR ID NO.		Ordering Abbreviation	ANSI Spec. Number	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.
		DCI 046135 UPC 46135	Syl. Item No.						Initial	Mean		
150	BT-28 Mog		67528	ULX150	S63	10	Clear	24000	13000	11700	5	8½
215	BT-28 Mog		67530	ULX215	S65	10	Clear	16000	20000	18000	5	8½
360	BT-37 Mog		67531	ULX360	S64	10	Clear	16000	38000	34960	7	11½
880	E-25 Mog		67318	ULX880		6	Clear ⁸	12000	102000	91800	9½	15½

GUIDE TO MERCURY LAMPS



The two families of mercury lamps are designed primarily for use in general lighting applications where good efficiency, long life are desired and color rendering requirements are moderate. Applications include streetlighting, industrial hi-bay, parking lot lighting, and general floodlighting.

STANDARD MERCURY

Available in a wide range of lamps from 50-1000 watts in clear and two types of phosphor coatings to improve color rendering capabilities.

PAR lamps offer floodlighting and UV for special lighting applications.

MERCURY SAFELINE®

Lamps of 100-1000 watts designed to self extinguish when the outer bulb is broken. Recommended for use in OPEN FIXTURES installed in sports facilities and other places of public assembly where lamps may be subject to breakage by external objects.

STANDARD MERCURY

WARNING

Mercury lamps operate under high pressure (up to 50 p.s.i.) and at very high temperatures and can unexpectedly rupture due to internal causes or external factors such as ballast failure or misapplication. An arc tube rupture can burst and shatter the outer glass bulb resulting in the discharge of glass fragments and extremely hot quartz particles (as high as 1832°F-1000°C). In the event of such rupture, **there is a risk of personal injury, property damage, burns and fire.**

Operating and Installation Instructions

1. Operate lamps only with compatible auxiliary equipment (ballast, capacitor and socket) as indicated by the ANSI designation on the lamp.
2. Do not remove the lamp when power is **on**. If outer glass bulb is broken, shut off power immediately and remove lamp after it has been cooled.
3. Do not expose operating lamp to moisture.
4. Replace the lamp if outer glass bulb has been scratched, cracked or damaged in any way.
5. Electrically insulate any metal in contact with the outer glass bulb to avoid glass decomposition.
6. To ensure electrical contact, screw lamp firmly but not forcibly into the socket. Excessive force may cause the outer envelope to break.

MERCURY SAFELINE®

WARNING

This product conforms to Federal Standard 21 CFR 1040.30

This lamp should self extinguish within 15 minutes after the outer envelope is broken or punctured. If such damage occurs, turn off and remove lamp to avoid possible injury from hazardous shortwave ultra-violet radiation.

All instructions for standard mercury lamps listed above also apply to the Safeline lamps.



MERCURY

STANDARD MERCURY

Watts Bulb Base			VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Lumens		L.C.L.	M.O.L.	
			Syl. Item No.					Initial	Mean			
40/50	ED-17	Med.	69400	H45/46DL-40/50/DX	20	Brite White Deluxe ¹	24000 +	1650	1070	3⅞	5⅞	
75	ED-17	Med.	69401	H43AV-75/N □	20	Warmtone	24000 +	2800	2240	3¾	5⅞ ₁₆	
			69402	H43AV-75/DX	20	Brite White Deluxe	24000 +	3150	2450	3¾	5⅞ ₁₆	
75/100	PAR-38	Med. Side Prong	68842	H43/44-75/100/PFL □	12	Mine Machine Head Lamp ²	12000	2500			4⅞ ₁₆	
100	ED-17	Med.	69403	H38AV-100/DX	20	Bright White Deluxe	24000 +	4400	3560	3¾	5⅞ ₁₆	
			69404	H38AV-100/N	20	Warmtone	24000 +	4400	3400	3¾	5⅞ ₁₆	
	ET-23½	Mog	69407	H38HT-100	20	Clear and Blacklight	24000 +	4100	3380	5	7½	
			69408	H38JA-100/DX	20	Brite White Deluxe	24000 +	4500	3650	5	7½	
			69409	H38JA-100/N	20	Warmtone	24000 +	4600	3700	5	7½	
	PAR-38	Med.	68843	H44GS-100	12	Spot and Gen. Lighting, Blacklight	16000	2500	1950		5⅞ ₁₆	
			Med. Skt.	68846	H44GS-100/MDSK	12	Spot and Gen. Lighting, Blacklight	16000	2500	1950		5⅞ ₁₆
			Admed.	68844	H44JM-100	12	Narr. Flood and General Lighting, Blacklight	16000	2500	1950		5⅞ ₁₆
	R-40	Med.	69405	H38BP-100/DX	10	Reflector Flood Brite White Deluxe	24000 +	2900	2320		7½	
175	BT-28	Mog	69411	H39KB-175	20	Clear and Blacklight	24000 +	7850	7340	5	8⅞ ₁₆	
			69412	H39KC-175/DX	20	Brite White Deluxe	24000 +	8500	7560	5	8⅞ ₁₆	
			69413	H39KC-175/N	20	Warmtone	24000 +	8800	7830	5	8⅞ ₁₆	
	R-40	Med.	69406	H39BP-175/DX	10	Reflector Flood Brite White Deluxe	24000 +	5800	4900		7½	
250	BT-28	Mog	69415	H37KB-250	20	Clear and Blacklight	24000 +	12000	10800	5	8⅞ ₁₆	
			69416	H37KC-250/DX	20	Brite White Deluxe	24000 +	13000	11000	5	8⅞ ₁₆	
			69417	H37KC-250/N	20	Warmtone	24000 +	13000	11050	5	8⅞ ₁₆	
400	BT-37	Mog	69419	H33CD-400	10	Clear and Blacklight	24000 +	20500	18700	7	11½	
			69420	H33GL-400/DX	10	Brite White Deluxe	24000 +	23000	20100	7	11½	
			69421	H33GL-400/N	10	Warmtone	24000 +	23000	20000	7	11½	
	T-16	Mog	68893	H33AR-400	6	Clear	12000	19500		7	11	
1000	BT-56	Mog	69300	H34GV-1000 □	6	Clear and Blacklight, High Current ³	16000 +	50000	42500	9½	15⅜	
			69332	H34GW-1000/DX	6	Brite White Deluxe, High Current ³	16000 +	55000	44000	9½	15⅜	
			69307	H36GV-1000	6	Clear and Blacklight ³	24000 +	57500	50600	9½	15⅜	
			69331	H36GW-1000/DX	6	Brite White Deluxe ³	24000 +	63000	48500	9½	15⅜	

ET23.5

BT-28

BT-37

BT-56

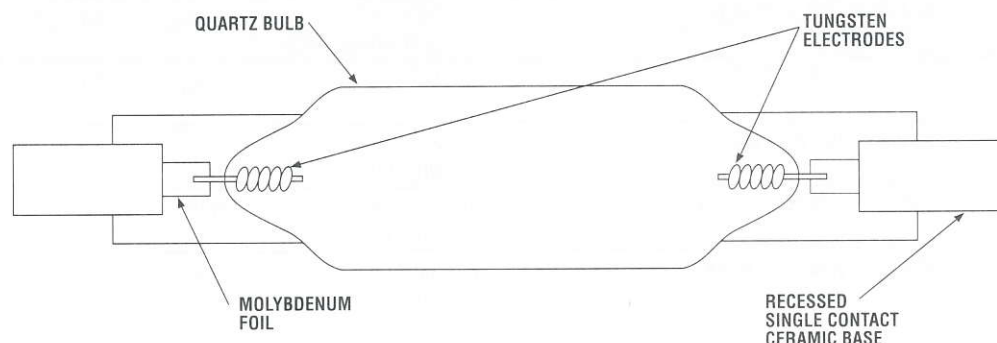
MERCURY SAFELINE®

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life	Approx. Vert. Lumens		L.C.L.	M.O.L.
			Syl. Item No.					Initial	Mean		
100	ET-23½	Mog	69410	H38JA-T100/DX	20	Safeline Brite White Deluxe	24000 +	3700	3100	5	7½
175	BT-28	Mog	69414	H39KC-T175/DX	20	Safeline Brite White Deluxe	24000 +	7700	6750	5	8⅝
250	BT-28	Mog	69418	H37KC-T250/DX	20	Safeline Brite White Deluxe	24000 +	11200	9050	5	8⅝
400	BT-37	Mog	69422	H33GL-T400/DX	10	Safeline Brite White Deluxe	24000 +	20000	16000	7	11½
1000	BT-56	Mog	69305	H36GW-T1000/DX	6	Safeline Brite White Deluxe	24000 +	55450	44900	9½	15⅝

Notes

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GUIDE TO REPROGRAPHIC/PHOTOCHEMICAL LAMPS



Lamps range from 250-3000 watts and are designed for applications other than general lighting. These applications include; plate making, photo resist exposure, imaging and others requiring the use of ultra-violet energy.

JACKETED REPROGRAPHIC/PHOTOCHEMICAL LAMPS

WARNING

This lamp must be operated only in a suitably enclosed fixture designed to reduce the risk of personal injury and property damage resulting from an arc tube rupture. A suitable enclosed fixture uses lens/diffuser material able to contain fragments of hot quartz (up to 1832°F). Enclosed fixtures which comply with UL Standard 1572 revised December 26, 1988 should withstand an arc tube rupture.

This lamp can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope (glass bulb) of the lamp is broken or punctured. If the lamp is broken, turn power off immediately. People should not remain in the area without adequate shielding or other safety precautions while the broken lamp is operating.

Operating and Installation Instructions

1. Operate lamps only with compatible auxiliary equipment (ballast, capacitor, ignitor).
2. Turn lamp **off** once per week for at least 15 minutes.
3. Electrically insulate any metal support in contact with the outer envelope to avoid glass decomposition.
4. To avoid electrical shock, do not remove or install lamp when power is **on**.
5. If outer glass bulb is broken, shut off power immediately and remove lamp after it has cooled to prevent exposure to short wave ultraviolet energy.
6. Protect lamp from contact with liquids and moisture.
7. Replace lamp if outer bulb has been scratched, cracked or damaged in any way.
8. To ensure electrical contact, screw lamp firmly, but not forcibly, into socket. Excessive force may cause outer glass bulb to break.
9. Lamp should be operated within 15 degrees of the horizontal position.

UNJACKETED REPROGRAPHIC/PHOTOCHEMICAL LAMPS

WARNING

Exposure to shortwave ultraviolet radiation from this lamp can cause serious skin burn and eye inflammation. This lamp must be operated in an enclosed fixture specifically designed to reduce the risk of personal injury and property damage resulting from an arc tube rupture and from ultraviolet radiation.

Operating and Installation Instructions

1. Operate lamps only with compatible auxiliary equipment (ballast, capacitor, ignitor).
2. Turn lamp **off** once per week for at least 15 minutes.
3. Lamp should be in contact only with sockets and should be inserted without undue pressure.
4. To avoid electrical shock, do not remove or install lamp when power is **on**.
5. Base temperature of this lamp must not exceed 350°C.
6. All seal gaskets and wire insulation must be shielded from ultraviolet radiation produced by the lamp.
7. Bulb wall temperature of this lamp must be maintained between 600°C and 700°C for satisfactory performance. If cooling is required to maintain proper temperature range, we recommend use of air interlock vane switches to protect against motor failure.
8. Fixture wiring must have minimum voltage rating of 1500V RMS and a temperature rating of 250°C for lamps 1000 watts or greater.
9. Lamp should be operated within 15 degrees of the horizontal position with exhaust tip up to insure maximum operating efficiency.

Caution

Do not remove lamp from package until ready for use. Handle the lamp only with clean, cotton gloves. If the lamp is handled, fingerprints, grease or oils should be removed from the quartz by washing the lamp in distilled water or isopropyl alcohol. This will remove materials which cause whitish spotting (devitrification) and premature lamp failure. Dry the lamp carefully with cotton or a clean cloth.

REPROGRAPHIC/PHOTOCHEMICAL

REPROGRAPHIC

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Lamp Volts	Pkg. Qty.	Avg. Rated Hours Life	Approx. Lumens		Arc Length	M.O.L.	Primary Line(s) of Emission (nm)
			Syl. Item No.					Initial	Mean			
400	BT-37	Mog	65911	MP400BT37/HOR/MOG ^{17,19} ■	125	6				7•	11½	417
	T-5½	RSC	66576	MP400T5.5/1.5RSC ^{11,18} ■	135	10				1¾	3¾	417
		J	66621	MP400T5.5/1.5J ^{11,18} ■	135	10				1¾	4½	417
		Q	66577	MP400T5.5/1.5Q/3 ^{11,18} ■	135	10				1¾	3¾	417
	T-16	Mog	65912	MP400T16/HOR/MOG ^{17,19} ■	125	6				7•	11	417
500	BT-37	Mog	65928	MP500BT37/HOR/MOG ^{17,19} ■	135	6				7•	11½	417
	T-16	Mog	65914	MP500T16/HOR/MOG ^{17,19} ■	135	6				7•	11	417
750	BT-37	Mog	69361	MP750BT37/HOR/MOG ^{17,19} ■	230	6				7•	11½	417
800	T-4	RSC	66616	MP800T4/6RSC ^{11,18} ■	465	10				6	8¾	417
		Q	66617	MP800T4/6Q/3 ^{11,18} ■	465	10				6	8¾	417
1000	T-8	J	66575	MG1000T8/1J ^{11,18} ■	105	10				1¾	4½	535
			66563	MP1000T8/1J ^{11,18} ■	105	10				1¾	4½	417
1200	T-5½	J	66573	MP1200T5.5/6J ^{11,18} ■	500	10				6	9	417
2000	T-8	J	66561	MP2000T8/4J ^{11,18} ■	200	10				3¾	7¾	417
		R	66564	MP2000T8/4R/3 ^{11,18} ■	200	10				3¾	6¾	417
3000	T-8	J	66587	MP3000T8/4J ^{11,18}	250	10				3¾	7¾	417
		J	66562	MP3000T8/6J ^{11,18} ■	350	10				5¾	9¾	417
		R	66579	MP3000T8/6R/3 ^{11,18} ■	350	10				5¾	8¾	417
			66614	MP3000T8/6R/12 ^{11,18} ■	350	10				5¾	8¾	417

PHOTOCHEMICAL

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Ordering Abbreviation	Lamp Volts	Pkg. Qty.	Avg. Rated Hours Life	Approx. Lumens		Arc Length	M.O.L.	Primary Line(s) of Emission (nm)
			Syl. Item No.					Initial	Mean			
250	T-5½	RSC	66590	H250T5.5/2.3RSC ^{11,18} ■	130	10				2¼	4½	365, 405, 436
	T-14½	MED	65941	H250T14.5/U/MED ¹⁷ ■	130	6				5½•	9	405, 436
1440	T-4	RSC	66625	H1440T4/24RSC ^{11,18} ■	1200	10				24	26¾	365, 405, 436
1500	T-4	RSC	66622	H1500T4/12RSC ^{11,18} ■	500	10				11¾	14¾	365, 405, 436

• Light Center Length

JACKETED LAMP ORDERING ABBREVIATION KEY

Type of fill	Wattage	Bulb Size	Operating Position	Base Type
MP	400	BT 37	HOR	MOG.

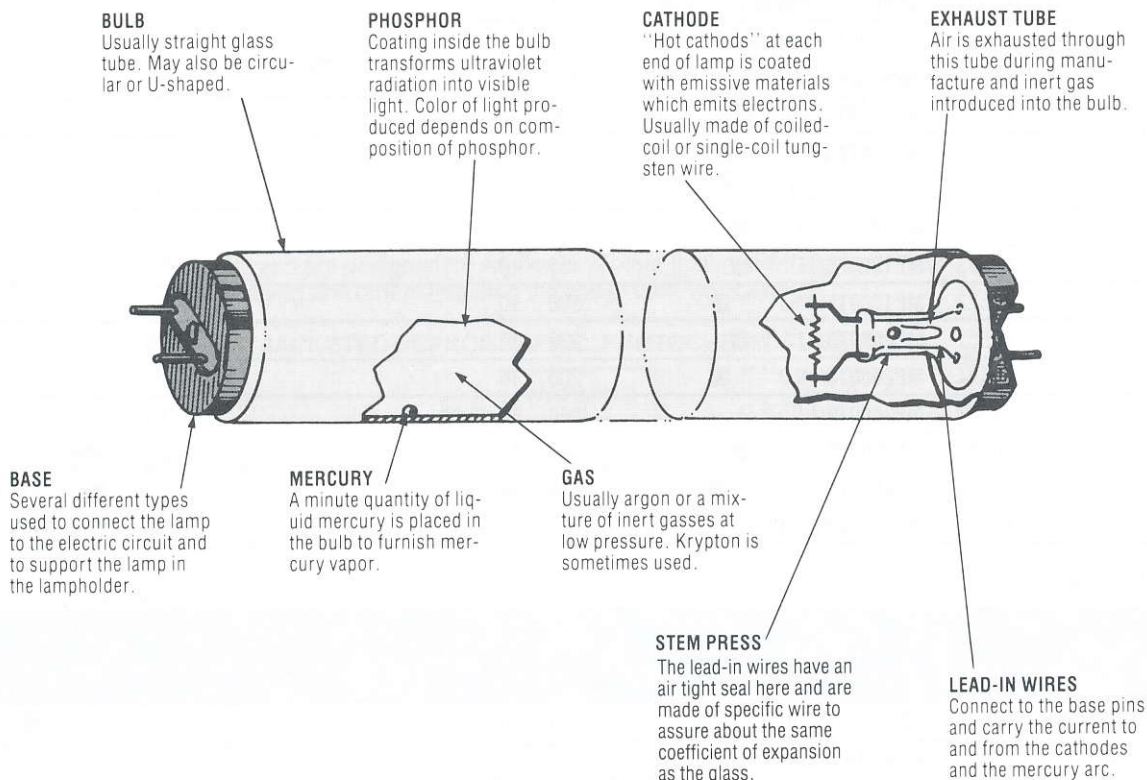
UNJACKETED LAMP ORDERING ABBREVIATION KEY

Type of fill	Wattage	Bulb Size	Lighted Length	Base Type	Lead Length
MP	3000	T8	6	R	3


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			
20	T-12	24"	Med. Bipin						
↑	↑	↑	↑	22075	F20T12/D830	30	Designer "800" 3000K	9000	1350
				22018	F20T12/B	6	Blue ²⁸	9000	550
				22250	F20T12/D30(ID)	6	Interior Design, [®] Designer [®] 3000K	9000	1300
				22078	F20T12/CW	30	Cool White	9000	1240
				22028	F20T12/GRO	12	GRO-LUX [®] 	9000	↑

↑
Watts

↑
Bulb
T-12 — Tubular 12/8" Diameter

↑
Length

↑
Base

↑
One NAED
code # for
each lamp

↑
Footnotes

↑
Average
Rate Hours
Life

↑
Approx.
Initial
Lumens

F — Fluorescent

20 — Watts

T — Tubular Shape

12 — 12/8" (1 1/2) Diameter

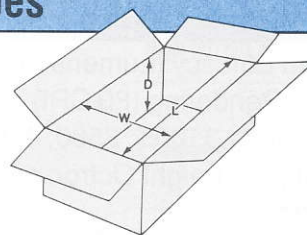
D830 — Phosphor Coating Color

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	1.43	15.50 x 12.75 x 12.50
21450	F14T12/D30 (INTERIOR DESIGN®)	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	12.90	1.391	10.38 x 9.00 x 25.75
23472	F30T12/CW/RS/SS	30	17.50	2.039	10.38 x 9.00 x 37.75
23450	F30T12/D30/RS (INTERIOR DESIGN®)	6	4.20	.528	5.75 x 4.00 x 38.38
21828	F025/31K	30	11.80	1.174	8.38 x 6.75 x 37.63
21825	F032/31K	30	15.00	1.548	8.38 x 6.75 x 49.63
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 (INTERIOR DESIGN®)	6	5.50	.694	5.63 x 4.00 x 50.38
24427	F40CW/10PK	10	7.90	.97	9.00 x 3.75 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/CW6	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	17.00	1.88	9.00 x 3.75 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)
COMPACT FLUOR. 2700K	D827	2700	81	WHITE	W	3450	57
INCAND./FLUOR.	IF	2750	89	OCTRON® 3500K	35K	3500	80
DELUXE WARM WHITE	WWX	2950	74	DESIGNER "800" 3500K	D835	3500	80
DESIGNER 800 3000K	D830	3000	80	DESIGNER 3500K	D35	3500	70
DESIGNER 3000K	D30	3000	70	NATURAL WHITE	N	3600	86
INTERIOR DESIGN	D30	3000	70	OCTRON® 4100K	41K	4100	80
WARM WHITE	WW	3000	52	DESIGNER "800" 4100K	D841	4100	80
OCTRON® 3100K	31K	3100	80	DESIGNER 4100K	D41	4100	70
GRO-LUX® WIDE SPECTRUM	GRO/WS	3400	89	DELUXE COOL WHITE	CWX	4100	89
				LITE WHITE	LW	4150	48
				COOL WHITE	CW	4200	62
				DESIGN 50™	DSGN50	5000	90
				OCTRON® 5000K	50K	5000	80
				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 or chromaticity of the source itself. It describes the apparent whiteness of the lamp.

Sources having a low correlated color temperature (2700K to 3400K) are said to be "warm" in color such as Warm White, Warm White Deluxe, and Designer 3000K (D30) and Designer "800" 3000K (D830). (Most incandescent lamps have a color temperature between 2700K and 3000K.) Fluorescent sources having higher correlated color temperature (4100K to 6300K) such as Cool White, Cool White Deluxe, Daylight Designer "800" 4100K (D841), or Designer 4100K (D41) are said to be "cool" in color. The Designer Series and Octron Lamps having a correlated color temperature of 3500K are considered "mid-range" and provide excellent color rendition while not being either "warm" or "cool." 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 correlated color temperature. 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.

For a more detailed explanation of color temperature and color rendering index see page 8.

Octron Fluorescent Lamps

- Highest System Efficacy (Lumens Per Watt)
- Excellent Color Rendering (80 CRI)
- Available in 4 colors-3100K, 3500, 4100K, 5000K
- Complete family of straight Octron and Octron Curvalume 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 MAG	.95	174	100	100
SYLVANIA 34W					
F40/CW/SS	STD MAG	.90	155	90	101
F40/D841/SS	STD MAG	.90	155	95	107
SYLVANIA 32W					
F40/D841/SSP	STD MAG	.90	144	93	113
SYLVANIA F40CW	E.S. MAG	.95	162	101	108
SYLVANIA 34 WATT					
F40/CW/SS	E.S. MAG	.88	139	89	110
F40/D841/SS	E.S. MAG	.88	139	93	116
SYLVANIA 32 WATT					
F40/D841/SSP	E.S. MAG	.88	131	91	122
SYLVANIA 34 WATT					
F40/CW/SS	ELECTRONIC	.75	119	86	125
F40/D841/SS	ELECTRONIC	.75	119	93	136
SYLVANIA F032 OCTRON®	T8 MAG	.95	132	104	137
SYLVANIA F032 OCTRON®	T8 ELECTRONIC	.92	106	101	166

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.

Fluorescent Brand Name Guide

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.

FLUORESCENT		
SYLVANIA	GE	PHILIPS
Curvalume®	MOD-U-LINE®	U-Bent
Design 50®	Chroma 50	Colortone 50
Designer® Series	Specification Series	SPEC Series
Designer® "800" Series	SPX	Ultralume
Electronic Compact Fluorescent	Compax™	SL-18 Earth Light
Gro-Lux®	"Gro and Sho"	Agro-Lite
Interior Design® (D30)	SP 30	Softone Pastel FL (SPEC 30)
Octron®	Trimline	TL70/TL80
SuperSaver®	Watt-Miser®	Econ-o-Watt
SuperSaver Plus®	Watt-Miser® Plus	—
Twin Tube	Biax™	PL
Double Twin Tube	Double Biax™	PL-C
VHO	1500/Power Groove®	VHO
VHO/LT	T10/1500MA	—

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 four sizes: 6 $\frac{1}{2}$ inches, 8 inches, 12 inches and 16 inches outside diameter. There are also U shaped fluorescent types (CurvalumeTM) with T-8 and T-12 bulbs. 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.

PREHEAT AND RAPID START



T-5 Miniature Bipin ($\frac{5}{8}$ " diameter)



T-8 Medium Bipin (1" diameter)



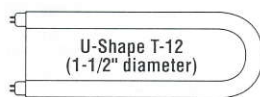
OCTRON T-8 Medium Bipin (1" diameter)



T-12 Medium Bipin (1-1/2" diameter)



T-17 Mogul Bipin (2-1/8" diameter)



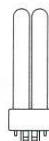
U-Shape T-12
(1-1/2" diameter)



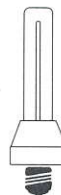
OCTRON U-Shaped T-8
(1" diameter)



Twin
Tube



Double
Twin Tube

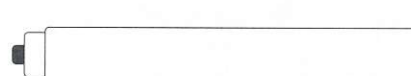


FE-18 Electronic
Compact Fluorescent

HIGH OUTPUT AND VERY HIGH OUTPUT



T-12 Recessed Double Contact (1-1/2" diameter)



T-14 1/2 Recessed Double Contact (1-1/4" diameter)



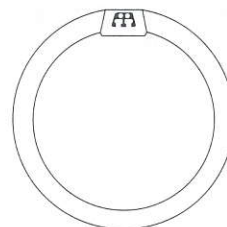
T-6 Single Pin ($\frac{3}{4}$ " diameter)



T-8 Single Pin (1" diameter)



T-12 Single Pin (1-1/2" diameter)

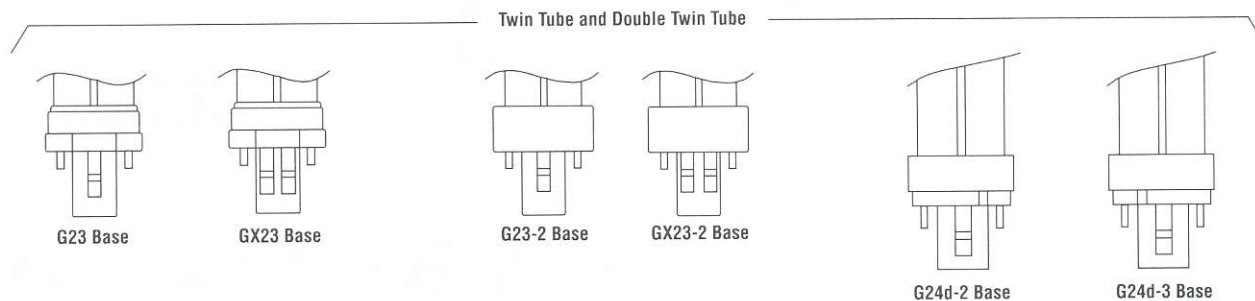
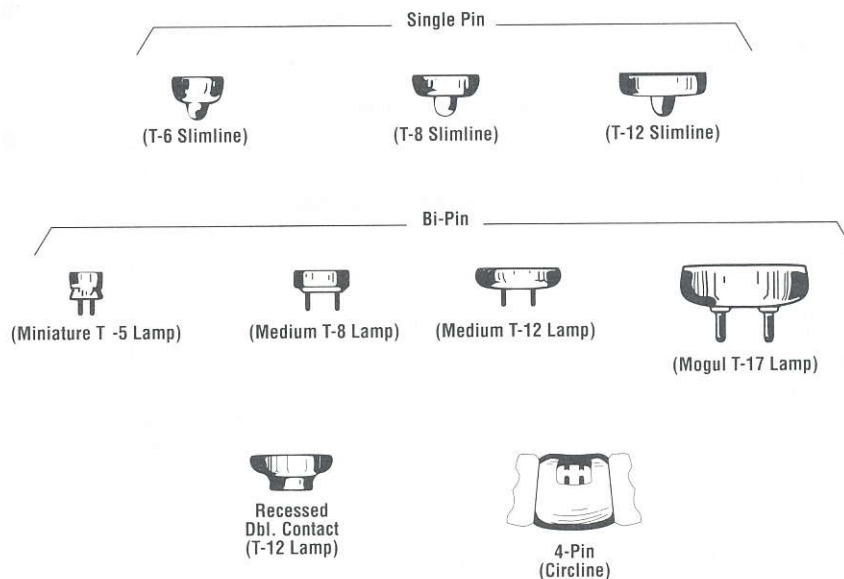


CIRCLINE 4-Pin T-9
(6-1/2", 8", 12",
16" outside diameters)

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 miniature 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 (RDC) type bases. Slim-line (Instant Start) lamps require only two electrical contacts, one at each lamp end and have single pin bases.

All compact fluorescent lamp bases shown have 2 pins and are designed for preheat operation, with lamps having an internal starter.





PREHEAT LAMPS

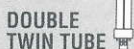
MINIATURE, PREHEAT (Starter Required)

Watts	Bulb	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			Syl. Item No.					
4	T-5	6"	Min. Bipin	20416	F4T5/CW	24	Cool White ³¹	135
				20420	F4T5/D	24	Daylight	115
6	T-5	9"	Min. Bipin	20616	F6T5/CW	24	Cool White ³¹	270
				20620	F6T5/D	24	Daylight	260
				20621	F6T5/W	24	White	275
				20617	F6T5/WW	24	Warm White ³¹	275
8	T-5	12"	Min. Bipin	20816	F8T5/CW	24	Cool White ³¹	390
				20837	F8T5/CWX	24	Deluxe Cool White	270
				20820	F8T5/D	24	Daylight	350
				20824	F8T5/DSGN50	24	Design 50 [®] 5000K	280
				20827	F8T5/GRO <input type="checkbox"/>	24	GRO-LUX [®]	
				20821	F8T5/W	24	White	400
				20817	F8T5/WW	24	Warm White ³¹	400
13	T-5	21"	Min. Bipin	21316	F13T5/CW	24	Cool White ³¹	860
				21317	F13T5/WW	24	Warm White ³¹	880

PREHEAT LAMPS (Starter Required)

13	T-8	12"	Med. Bipin	21766	F13T8/CW	24	Cool White	530
14	T-8	15"	Med. Bipin	21486	F14T8/CW	24	Cool White	740
				21488	F14T8/D	24	Daylight	645
14	T-12	15"	Med. Bipin	21450	F14T12/D30(ID)	6	Interior Design [®] Designer [®] 3000K	735
				21409	F14T12/CW	30	Cool White	680
				21411	F14T12/D	30	Daylight	590
				21435	F14T12/WW	30	Warm White	690
15	T-8	18"	Med. Bipin	21610	F15T8/D830	24	Designer [®] "800" 3000K	920
				21654	F15T8/D30(ID)	6	Interior Design [®] Designer [®] 3000K	900
				21708	F15T8/CG	24	Cool Green	740
				21616	F15T8/CW	24	Cool White	850
				21615	F15T8/CW 6PK	6	Cool White	850
				21627	F15T8/CWX	24	Deluxe Cool White	600
				21600	F15T8/D	24	Daylight	750
				21642	F15T8/DSGN50	24	Design 50 [®] 5000K	600
				21655	F15T8/GRO	12	GRO-LUX [®]	
				21733	F15T8/GRO/WS	12	GRO-LUX [®] Wide Spect.	
				21682	F15T8/N	24	Natural White	610
				21701	F15T8/WW	24	Warm White	860
T-12	18"	Med. Bipin		21550	F15T12/D30(ID)	6	Interior Design [®] Designer [®] 3000K	830
				21532	F15T12/CW	30	Cool White	780
				21534	F15T12/D	30	Daylight	680
				21607	F15T12/G0	30	Gold ²⁸	500

Watts	Bulb	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			DCI 046135 UPC 46135	Syl. Item No.					
15	T-12	18"	Med. Bipin	21541	F15T12/W	30	White	7500	790
				21542	F15T12/WW	30	Warm White	7500	790
18	T-8	24"	Med. Bipin	23014	F18T8/CW/K/24	24	Cool White, Appliance	7500	1230
		26"	Med. Bipin	23027	F18T8/CW/K/26	24	Cool White, Appliance	7500	1320
		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	1450
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	1300
				22251	F20T12/D35	30	Designer [®] 3500K	9000	1300
				22078	F20T12/CW	30	Cool White	9000	1240
				22014	F20T12/CW 6PK	6	Cool White	9000	1240
		21"	Med. Bipin	22080	F20T12/CW/21	30	Cool White	7500	1020
		26"	Med. Bipin	22081	F20T12/CW/26	30	Cool White	7500	1300
		24"	Med. Bipin	22082	F20T12/CWX	30	Deluxe Cool White	9000	875
				22083	F20T12/D	30	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	875
				22049	F20T12/EN <input type="checkbox"/>	12	Enhance – For Aquarium	9000	
				22021	F20T12/G0 <input checked="" type="checkbox"/>	10	Gold ²⁸	9000	840
				22028	F20T12/GRO	12	GRO-LUX [®] <input checked="" type="checkbox"/>	9000	
				22012	F20T12/GRO/WS	12	GRO-LUX [®] Wide Spect. Starter Required	9000	
				22129	F20T12/W	30	White	9000	1260
				22131	F20T12/WW	30	Warm White	9000	1260
				22133	F20T12/WWX	30	Deluxe Warm White	9000	875
22	T-8	26"	Med. Bipin	23026	F22T8/CW	24	Cool White	7500	1530
25	T-12	28"	Med. Bipin	22527	F25T12/CW/28	30	Cool White	7500	1680
		30"	Med. Bipin	22528	F25T12/CW/30	30	Cool White	7500	1750
		33"	Med. Bipin	22529	F25T12/CW/33	30	Cool White	7500	1850
		28"	Med. Bipin	22530	F25T12/D/28	30	Daylight	7500	1500
		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
				23116	F30T8/CW	24	Cool White	7500	2180
				23127	F30T8/CWX	24	Deluxe Cool White	7500	1550
				23100	F30T8/D	24	Daylight	7500	1900
				23159	F30T8/GRO	12	GRO-LUX [®] <input checked="" type="checkbox"/>	7500	
				23182	F30T8/N	24	Natural White	7500	1500
				23701	F30T8/WW	24	Warm White	7500	2215
40	T-12	48"	Med. Bipin	24019	F40T12/CW/LT	30	Cool White, Low Temp.	6000	3050
85	T-17	60"	Mog. Bipin	 29255	F90T17/CW/SS	12	Cool White ¹⁹ SuperSaver[®]	9000	5760
90	T-17	60"	Mog. Bipin	29247	F90T17/CW	12	Cool White	9000	6050
				 WE SUGGEST F90T17/CW/SS, An Energy Saving Product					
				29250	F90T17/D	12	Daylight	9000	5400



COMPACT FLUORESCENT LAMPS

TWIN TUBE LAMPS, (Preheat – Starter in Lamp Base)

Watts Bulb	MOL(mm) Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
		DCI 046135	UPC 46135					
5	T-4 4.1"(108) G23	20405		F5TT/D827	30	Compact Fluor. 2700K ³¹	10000	250
7	T-4 5.4"(138) G23	20400		F7TT/D827	30	Compact Fluor. 2700K ³¹	10000	400
9	T-4 6.6"(168) G23	20401		F9TT/D827	30	Compact Fluor. 2700K ³¹	10000	600
		20474		F9TT/D835	30	Compact Fluor. 3500K ³¹	10000	600
13	T-4 7.6"(193) GX23	20402		F13TT/D827	30	Compact Fluor. 2700K ³¹	10000	900
		20475		F13TT/D835	30	Compact Fluor. 3500K ³¹	10000	900

DOUBLE TWIN TUBE LAMPS, (Preheat – Starter in Lamp Base)

9	T-4 4.4"(111) G23-2	20450		F9DTT/D827	30	Compact Fluor. 2700K	10000	575
13	T-4 4.9"(122) GX23-2	20451		F13DTT/D827	30	Compact Fluor. 2700K	10000	860
		20485		F13DTT/D835	30	Compact Fluor. 3500K	10000	860
		20483		F13DTT/D841 ■	30	Compact Fluor. 4100K	10000	860
18	T-4 6.9"(173) G24d-2	20492		F18DTT/D827 ■	30	Compact Fluor. 2700K	10000	1200
		20494		F18DTT/D835 ■	30	Compact Fluor. 3500K	10000	1200
		20496		F18DTT/D841 ■	30	Compact Fluor. 4100K	10000	1200
26	T-4 7.7"(193) G24d-3	20493		F26DTT/D827 ■	30	Compact Fluor. 2700K	10000	1800
		20495		F26DTT/D835 ■	30	Compact Fluor. 3500K	10000	1800
		20497		F26DTT/D841 ■	30	Compact Fluor. 4100K	10000	1800

ELECTRONIC DOUBLE TWIN TUBE LAMPS




Warning: This lamp is not intended for use on dimming circuits

18	T-4 6.8"(173) Med. ■	29070		FE18DTT/D827/MED ■	10	Compact Fluor. 2700K ³²	10000	1100
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TWIN AND DOUBLE TWIN TUBE ADAPTERS AND ADAPTER KITS




Warning: This lamp is not intended for use on dimming circuits

■	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. ³²
■	29061	A579/7TT	10	Retrofit kit contains one A579 base adapter and one F7TT/D827 lamp. Screws into a medium base 120V incandescent socket. ³²

Watts Bulb	MOL(mm) Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
		Syl. Item No.					
		 29068	A013	10	Adapter for compact fluoresecent 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. ³²		
		 29069	A013/13DTT	10	Retrofit kit contains one A013 base adapter and one F13DTT/D827 lamp. Screws into a medium base 120V incandescent socket. ³²		
		 29077	AE013/13DTT/C ■	10	Retrofit kit contains one A013 base adapter and one F13DTT/D827 lamp, and a diffusing cover. Screws into a medium base 120V incandescent socket. ³²		







EXIT SIGN CONVERSION KIT

Warning: These kits are not intended for retrofit into exit signs that are equipped with high frequency back-up power supplies



			29090	EX120/9TT/MED ■	10	Conversion kit contains one base assembly with ballast, one Sylvania F9TT/D827 lamp, and one medium screw base adapter. ³²		
			29092	EX120/9TT/D.C. BAY ■	10	Conversion kit contains one base assembly with ballast, one Sylvania F9TT/D827 lamp, and one double contact bayonet base adapter. ³²		
			29094	EX120/9TT/INTER ■	10	Conversion kit contains one base assembly with ballast, one Sylvania F9TT/D827 lamp, and one intermediate screw base adapter. ³²		

RAPID START LAMPS

RAPID START LAMPS (No Starter Required)

			VENDOR ID NO. DCI 046135 UPC 46135		Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)	
Watts	Bulb	Nom- inal Lgth	Base	Syl. Item No.						
25	T-12	36"	Med. Bipin		23451	F30T12/D30/RS/SS ■	30	Designer® 3000K ¹² SuperSaver®	18000	2150
					23485	F30T12/D35/RR/SS ■	30	Designer® 3500K ¹² SuperSaver®	18000	2150
					23472	F30T12/CW/RS/SS	30	Cool White ¹² SuperSaver®	18000	2000
					23473	F30T12/WW/RS/SS	30	Warm White ¹² SuperSaver®	18000	2050
30	T-12	36"	Med. Bipin		23474	F30T12/D830/RS	30	Designer® "800" 3000K	18000	2400
					23139	F30T12/D835/RS ■	30	Designer® "800" 3500K	18000	2400
					23450	F30T12/D30(ID)	6	Interior Design, Designer® 3000K	18000	2350
					WE SUGGEST F30T12/D30/RS/SS, An Energy Saving Product					
					23484	F30T12/D35/RS	30	Designer® 3500K	18000	2350
					WE SUGGEST F30T12/D35/RS/SS, An Energy Saving Product					











RAPID START LAMPS (No Starter Required) (continued)

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				Syl. Item No.					
30	T-12	36"	Med. Bipin	23476	F30T12/CW/RS	30	Cool White	18000	2200
					WE SUGGEST F30T12/CW/RS/SS, An Energy Saving Product				
				23477	F30T12/CWX/RS	30	Deluxe Cool White	18000	1540
				23478	F30T12/D/RS	30	Daylight	18000	1930
				23480	F30T12/N/RS	30	Natural	18000	1500
				23481	F30T12/W/RS	30	White	18000	2210
				23482	F30T12/WW/RS	30	Warm White	18000	2210
					WE SUGGEST F30T12/WW/RS/SS, An Energy Saving Product				
				23483	F30T12/WWX/RS	30	Deluxe Warm White	18000	1540

OCTRON CURVALUME,® RAPID START LAMPS (No Starter Required)

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

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

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135		Lamp Ordering Abbreviation	Std. Case Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				Syl. Item No.						
16	T-8	10.5"	Med. Bipin		21801	FB016/31K	15	3100K, 80 CRI	20000	1250
					21800	FB016/35K	15	3500K, 80 CRI	20000	1250
					21802	FB016/41K	15	4100K, 80 CRI	20000	1250
24	T-8	16.5"	Med. Bipin		21803	FB024/31K	15	3100K, 80 CRI	20000	2050
					21810	FB024/35K	15	3500K, 80 CRI	20000	2050
					21804	FB024/41K	15	4100K, 80 CRI	20000	2050
31	T-8	22.5"	Med. Bipin		21805	FB031/31K	15	3100K, 80 CRI	20000	2800
					21807	FB031/35K	15	3500K, 80 CRI	20000	2800
					21806	FB031/41K	15	4100K, 80 CRI	20000	2800
					21819	FB031/50K	15	5000K, 80 CRI	20000	2600

OCTRON,® RAPID START LAMPS (No Starter Required)

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

17	T-8	24"	Med. Bipin	21830	F017/31K	30	3100K, 80 CRI	20000	1350
				21832	F017/35K	30	3500K, 80 CRI	20000	1350
				21831	F017/41K	30	4100K, 80 CRI	20000	1350
25	T-8	36"	Med. Bipin	21828	F025/31K	30	3100K, 80 CRI	20000	2150
				21817	F025/35K	30	3500K, 80 CRI	20000	2150
				21829	F025/41K	30	4100K, 80 CRI	20000	2150
32	T-8	48"	Med. Bipin	21825	F032/31K	30	3100K, 80 CRI	20000	2900
				21823	F032/35K	30	3500K, 80 CRI	20000	2900
				21824	F032/41K	30	4100K, 80 CRI	20000	2900
				21809	F032/50K	30	5000K, 80 CRI	20000	2700
40	T-8	60"	Med. Bipin	21826	F040/31K	30	3100K, 80 CRI	20000	3650
				21820	F040/35K	30	3500K, 80 CRI	20000	3650
				21827	F040/41K	30	4100K, 80 CRI	20000	3650

**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	Nom- inal Lgth	Base		VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Std. Case Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				Syl. Item No.					
T-12	48"	Med. Bipin		24490	F40CW/TM33	24	Cool White, Thrift/Mate®, ETL "Labeled" ¹⁴	30000+	(15)
				24495	F40CW/TM50	24	Cool White, Thrift/Mate®, ETL "Labeled" ¹⁴	30000+	(15)
				24491	F40WW/TM33	24	Warm White, Thrift/Mate®, ETL "Labeled" ¹⁴	30000+	(15)
				24496	F40WW/TM50	24	Warm White, Thrift/Mate®, ETL "Labeled" ¹⁴	30000+	(15)

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.









32	T-12	48"	Med. Bipin		24690	F40/D830/SSP	30	Designer® "800" 3000K ^{10,20,21} SuperSaverPlus®	20000	2850
					24692	F40/D835/SSP	30	Designer® "800" 3500K ^{10,20,21} SuperSaverPlus®	20000	2850
					24693	F40/D841/SSP	30	Designer® "800" 4100K ^{10,20,21} SuperSaverPlus®	20000	2850
					24689	F40/D30/SSP	30	Designer® 3000K ^{10,20,21} SuperSaverPlus®	20000	2750
					24691	F40/D35/SSP	30	Designer® 3500K ^{10,20,21} SuperSaverPlus®	20000	2750
					24688	F40/D41/SSP	30	Designer® 4100K ^{10,20,21} SuperSaverPlus®	20000	2750
					24686	F40CW/SSP	30	Cool White ^{10,20,21} SuperSaverPlus®	20000	2650
					24687	F40WW/SSP	30	Warm White ^{10,20,21} SuperSaverPlus®	20000	2700

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 ^{10,13,20} SuperSaver®	20000+	2900
					24579	F40/D830/SS10PK	10	Designer® "800" 3000K ^{10,13,20} SuperSaver®	20000+	2900
					24581	F40/D835/SS	30	Designer® "800" 3500K ^{10,13,20} SuperSaver®	20000+	2900
					24586	F40/D841/SS	30	Designer® "800" 4100K ^{10,13,20} SuperSaver®	20000+	2900
					24580	F40/D30/SS	30	Designer® 3000K ^{10,13,20} SuperSaver®	20000+	2800
					24585	F40/D35/SS	30	Designer® 3500K ^{10,13,20} SuperSaver®	20000+	2800
					24593	F40/D41/SS	30	Designer® 4100K ^{10,13,20} SuperSaver®	20000+	2800
					24594	F40CW/SS	30	Cool White ^{10,13,20} SuperSaver®	20000+	2700



SUPERSAVER®, RAPID START LAMPS (continued)

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Std. Case Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				DCI 046135 UPC 46135	Syl. Item No.					
34	T-12	48"	Med. Bipin		24516	F40CW/SS/10 ■	10	Cool White ^{10,13,20} SuperSaver®	20000+	2700
					24515	F40CW/SS 60PK	60	Cool White Caddy Pack ^{10,13,20} SuperSaver®	20000+	2700
					24588	F40CW/SS	30	Deluxe Cool White ^{10,13,20} SuperSaver®	20000+	1925
					24592	F40D/SS	30	Daylight ^{10,13,20} SuperSaver®	20000+	2350
					24590	F40LW/SS	30	Lite White ^{10,13,20} SuperSaver®	20000+	2825
					24591	F40W/SS	30	White ^{10,13,20} SuperSaver®	20000+	2750
					24595	F40WW/SS	30	Warm White ^{10,13,20} SuperSaver®	20000+	2750
					24587	F40WWX/SS	30	Deluxe Warm White ^{10,13,20} SuperSaver®	20000+	1925

PRE-HEAT – RAPID START LAMPS














40	T-12	48"	Med. Bipin		24476	F40/D830	30	Designer® "800" 3000K ^{5,10,20}	20000+	3300
					WE SUGGEST F40/D830/SS or F40/D830/SSP, Energy Saving Products					
					24577	F40/D835	30	Designer® "800" 3500K ^{5,10,20}	20000+	3300
					WE SUGGEST F40/D835/SS or F40/D835/SSP, Energy Saving Products					
					24578	F40/D841	30	Designer® "800" 4100K ^{5,10,20}	20000+	3300
					WE SUGGEST F40/D841/SS or F40/D841/SSP, Energy Saving Products					
					24650	F40/D30	6	Interior Design®, Designer® 3000K ^{5,10,20}	20000+	3200
					WE SUGGEST F40/D30/SS or F40/D30/SSP, Energy Saving Products					
					24576	F40/D30	30	Designer® 3000K ^{5,10,20}	20000+	3200
					WE SUGGEST F40/D30/SS or F40/D30/SSP, Energy Saving Products					
					24583	F40/D35	30	Designer® 3500K ^{5,10,20}	20000+	3200
					WE SUGGEST F40/D35/SS or F40/D35/SSP, Energy Saving Products					
					24584	F40/D41	30	Designer® 4000K ^{5,10,20}	20000+	3200
					WE SUGGEST F40/D41/SS or F40/D41/SSP, Energy Saving Products					
					24320	F40B	10	Blue ^{5,10,20}	20000+	1800
					24659	F40/CG	24	Cool Green ^{5,10,20}	20000+	2750
					24427	F40CW 10PK	10	Cool White ^{5,10,20}	20000+	3050
					24628	F40CW 60PK	60	Cool White ^{5,10,20}	20000+	3050
					24426	F40CW	30	Cool White ^{5,10,20}	20000+	3050
					WE SUGGEST F40CW/SS, Thrift/Mate, or F40CW/SSP, Energy Saving Products					
					24442	F40CW 10PK	10	Deluxe Cool White ^{5,10,20}	20000+	2150
					24441	F40CW	30	Deluxe Cool White ^{5,10,20}	20000+	2150
					WE SUGGEST F40CW/SS, An Energy Saving Product					
					24430	F40D 10PK	10	Daylight ^{5,10,20}	20000+	2650
					24429	F40D	30	Daylight ^{5,10,20}	20000+	2650
					WE SUGGEST F40D/SS, An Energy Saving Product					
					24683	F40DSGN50	30	Design 50®, 5000K ^{5,10,20}	20000+	2150
					24669	F40G	6	Green ^{5,10,20,28}	20000+	4100
					24673	F40/GO ■	10	Gold ^{5,10,20,28}	20000+	1980
					24655	F40GRO	12	GRO-LUX® ^{5,10,20}	20000	
					24672	F40GRO/WS	12	GRO-LUX® Wide Spect. ^{5,10,20}	20000	

PRE-HEAT – RAPID START LAMPS (continued)

Watts Bulb	Nom- inal Lgth	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Std. Case Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			DCI 046135 UPC 46135	Syl. Item No.					
40	T-12	48"	Med. Bipin	24454	F40IF	30	Incandescent/Fluorescent ^{5,10,20}	20000+	1550
				24439	F40N 10PK	10	Natural White ^{5,10,20}	20000+	2100
				24438	F40N	30	Natural White ^{5,10,20}	20000+	2100
				24432	F40W	30	White ^{5,10,20}	20000+	3100
				 WE SUGGEST F40W/SS, An Energy Saving Product					
				24436	F40WW 10PK	10	Warm White ^{5,10,20}	20000+	3100
				24435	F40WW	30	Warm White ^{5,10,20}	20000+	3100
				 WE SUGGEST F40WW/SS or F40WW/SSP, Energy Saving Products					
				24444	F40WWX	30	Deluxe Warm White ^{5,10,20}	20000+	2150

CURVALUME® LAMPS (U Shaped 6" Leg Spacing)

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

Watts Bulb	Nom- inal Lgth	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Std. Case Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			DCI 046135 UPC 46135	Syl. Item No.					
34	T-12	22.5"	Med. Bipin	 24063	FB40/D30/6/SS ■	12	U Shaped Lamp – Designer® 3000K ^{13,20} SuperSaver®	18000	2800
				 24065	FB40/D35/6/SS ■	12	U Shaped Lamp – Designer® 3500K ^{13,20} SuperSaver®	18000	2800
				 24067	FB40/D41/6/SS ■	12	U Shaped Lamp – Designer® 4100K ^{13,20} SuperSaver®	18000	2800
				 24046	FB40/CW/6/SS	12	U Shaped Lamp – Cool White ^{13,20} SuperSaver®	18000	2650
				 24049	FB40LW/6/SS	12	U Shaped Lamp – Lite White ^{13,20} SuperSaver®	18000	2800
				 24048	FB40/W/6/SS	12	U Shaped Lamp – White ^{13,20} SuperSaver®	18000	2700
				 24047	FB40/WW/6/SS	12	U Shaped Lamp – Warm White ^{13,20} SuperSaver®	18000	2700
40	T-12	22.5"	Med. Bipin	24017	FB40/D830/6	12	U Shaped Lamp – Designer® "800" 3000K ²⁰	18000	3250
				24080	FB40/D30/6	12	U Shaped Lamp Designer® 3000K ²⁰	18000	3150
				 WE SUGGEST FB40/D30/6/SS An Energy Saving Product					
				24081	FB40/D35/6	12	U Shaped Lamp Designer® 3500K ²⁰	18000	3150
				 WE SUGGEST FB40/D35/6/SS An Energy Saving Product					
				24082	FB40/D41/6	12	U Shaped Lamp Designer® 4100K ²⁰	18000	3150
				 WE SUGGEST FB40/D41/6/SS An Energy Saving Product					
				24000	FB40/CW/6	12	U Shaped Lamp – Cool White ²⁰	18000	3000
				 WE SUGGEST FB40CW/6/SS An Energy Saving Product					
				24004	FB40/CWX/6	12	U Shaped Lamp – Cool White Deluxe ²⁰	18000	2100
				24001	FB40/W/6	12	U Shaped Lamp – White ²⁰	18000	3050
				 WE SUGGEST FB40W/6/SS An Energy Saving Product					
				24002	FB40/WW/6	12	U Shaped Lamp – Warm White ²⁰	18000	3050
				 WE SUGGEST FB40WW/6/SS An Energy Saving Product					
				24003	FB40/WWX/6	12	U Shaped Lamp – Warm White Deluxe ²⁰	18000	2100



CIRCLINE, RAPID START LAMPS

(Diameter is measured from outside of bulb)

Watts Bulb	Diameter	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			DCI 046135 UPC 46135	Syl. Item No.					
20	T-9	6.5"	4-Pin	20156	FC6T9/CW/RS	12	Cool White ³	12000	750
				20155	FC6T9/WW/RS	12	Warm White ³	12000	800
22	T-9	8"	4-Pin	20207	FC8T9/D30/RS(ID)	6	Interior Design, [®] Designer [®] 3000K ³	12000	1150
				20148	FC8T9/CW/RS	12	Cool White ³	12000	1050
				20080	FC8T9/D/RS	12	Daylight ³	12000	900
				20088	FC8T9/WW/RS	12	Warm White ³	12000	1050
32	T-9	12"	4-Pin	20229	FC12T9/D30/RS(ID)	6	Interior Design, [®] Designer [®] 3000K ³	12000	2100
				20142	FC12T9/CW/RS	12	Cool White ³	12000	1925
				20030	FC12T9/D/RS	12	Daylight ³	12000	1650
				20037	FC12T9/WW/RS	12	Warm White ³	12000	1950
40	T-9	16"	4-Pin	20132	FC16T9/CW/RS	12	Cool White ³	12000	2750
				20072	FC16T9/D/RS	12	Daylight ³	12000	2350
				20057	FC16T9/WW/RS	12	Warm White ³	12000	2800




HIGH OUTPUT, RAPID START LAMPS (800 ma) (No Starter Required)

Watts Bulb	Nom- inal Lgth	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			DCI 046135 UPC 46135	Syl. Item No.					
25	T-12	18"	Recessed D.C.	25303	F18T12/DSGN50/HO	30	Design 50, [®] 5000K	9000	850
35	T-12	24"	Recessed D.C.	25313	F24T12/CW/HO	30	Cool White	9000	1650
				25314	F24T12/D/HO	30	Daylight	9000	1400
				25312	F24T12/DSGN50/HO	30	Design 50, [®] 5000K	9000	1200
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	2850
				25332	F36T12/D/HO	30	Daylight	9000	2500
				25334	F36T12/DSGN50/HO	30	Design 50, [®] 5000K	9000	2100
55	T-12	42"	Recessed D.C.	25342	F42T12/CW/HO	30	Cool White	9000	3500
				25343	F42T12/D/HO	30	Daylight	9000	3050
				25344	F42T12/DSGN50/HO	30	Design 50, [®] 5000K	9000	2550
60	T-12	48"	Recessed D.C.	25148	F48T12/D830/HO	30	Designer [®] "800" 3000K	12000	4400
				25154	F48T12/D35/HO ■	30	Designer [®] 3500K	12000	4300
				25146	F48T12/CW/HO	30	Cool White	12000	4100
				25144	F48T12/CWX/HO	30	Deluxe Cool White	12000	2800
				25150	F48T12/D/HO	30	Daylight	12000	3600
				25153	F48T12/DSGN50/HO	30	Design 50, [®] 5000K	12000	3000
				25141	F48T12/LW/HO	30	Lite White	12000	4200
				25142	F48T12/N/HO	30	Natural White	12000	2800
				25147	F48T12/WW/HO	30	Warm White	12000	4100
70	T-12	60"	Recessed D.C.	25126	F60T12/CW/HO	30	Cool White	12000	5300
				25120	F60T12/D/HO	30	Daylight	12000	4600







HIGH OUTPUT, RAPID START LAMPS (800 ma) (No Starter Required) (continued)

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				Syl. Item No.					
70	T-12	60"	Recessed D.C.	25119	F60T12/DSGN50/HO	30	Design 50® 5000K	12000	3850
				25127	F60T12/WW/HO	30	Warm White	12000	5250
76	T-12	64"	Recessed D.C.	25352	F64T12/CW/HO	30	Cool White	12000	5750
				25353	F64T12/D/HO	30	Daylight	12000	4900
				25355	F64T12/DSGN50/HO	30	Design 50® 5000K	12000	4200
85	T-12	72"	Recessed D.C.	25098	F72T12/D830/HO	15	Designer® "800" 3000K ¹	12000	6850
				25281	F72T12/D835/HO ■	15	Designer® "800" 3500K ¹	12000	6850
				25097	F72T12/D30/HO ■	15	Designer® 3000K ¹	12000	6750
				27249	F72T12/D35/HO ■	15	Designer® 3500K ¹	12000	6750
				25176	F72T12/CW/HO	15	Cool White ¹	12000	6400
				25187	F72T12/CWX/HO	15	Deluxe Cool White ¹	12000	4400
				25189	F72T12/D/HO	15	Daylight ¹	12000	5600
				25190	F72T12/DSGN50/HO	15	Design 50® 5000K ¹	12000	4700
				25172	F72T12/GRO/HO/WS ■	15	GRO-LUX® Wide Spect. ¹	12000	
				25182	F72T12/N/HO	15	Natural White ¹	12000	4400
				25177	F72T12/WW/HO	15	Warm White ¹	12000	6400
100	T-12	84"	Recessed D.C.	25384	F84T12/CW/HO	15	Cool White	12000	7600
				25385	F84T12/D/HO	15	Daylight	12000	6700
				25386	F84T12/DSGN50/HO	15	Design 50® 5000K	12000	5600
95	T-12	96"	Recessed D.C.	25008	F96T12/D830/HO/SS	15	Designer® "800" 3000K ^{8,17} SuperSaver®	12000	8750
				25015	F96T12/D30/HO/SS	15	Designer® 3000K ^{8,17} SuperSaver®	12000	8600
				25024	F96T12/D35/HO/SS	15	Designer® 3500K ^{8,17} SuperSaver®	12000	8600
				25023	F96T12/D41/HO/SS	15	Designer® 4100K ^{8,17} SuperSaver®	12000	8600
				25010	F96T12/CW/HO/SS	15	Cool White ^{8,17} SuperSaver®	12000	8050
				25014	F96T12/CWX/HO/SS	15	Deluxe Cool White ^{8,17} SuperSaver®	12000	5600
				25025	F96T12/LW/HO/SS	15	Lite White ^{8,17} SuperSaver®	12000	8400
				25011	F96T12/WW/HO/SS	15	Warm White ^{8,17} SuperSaver®	12000	8100
110	T-12	96"	Recessed D.C.	25152	F96T12/D830/HO	15	Designer® "800" 3000K ⁸	12000	9500
				■	WE SUGGEST F96T12/D830/HO/SS, An Energy Saving Product				
				25166	F96T12/D835/HO ■	15	Designer® "800" 3500K ⁸	12000	9500
				25149	F96T12/D30/HO ■	15	Designer® 3000K ⁸	12000	9350
				■	WE SUGGEST F96T12/D30/HO/SS, An Energy Saving Product				
				25165	F96T12/D35/HO ■	15	Designer® 3500K ⁸	12000	9350
				■	WE SUGGEST F96T12/D35/HO/SS, An Energy Saving Product				
				25156	F96T12/CW/HO	15	Cool White ⁸	12000	8800
				■	WE SUGGEST F96T12/CW/HO/SS or F96T12/LW/HO/SS, Energy Saving Products				
				25158	F96T12/CWX/HO	15	Deluxe Cool White ⁸	12000	6100
				■	WE SUGGEST F96T12/CWX/HO/SS, An Energy Saving Product				

HIGH OUTPUT, RAPID START LAMPS (800 ma) (No Starter Required) (continued)

Watts Bulb	Nom- inal Lgth	Base	VENDOR ID NO.		Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			DCI 046135 UPC 46135	Syl. Item No.					
110	T-12	96"	Recessed D.C.	25159	F96T12/D/HO	15	Daylight ⁸	12000	7750
				25164	F96T12/DSGN50/HO	15	Design 50 [®] 5000K ⁸	12000	6450
				25200	F96T12/GO/HO ■	15	Gold ⁸	12000	6100
				25163	F96T12/GRO/HO/WS	15	GRO-LUX [®] Wide Spect.  ⁸	12000	
				25162	F96T12/N/HO	15	Natural White ⁸	12000	6050
				25151	F96T12/W/HO	15	White ⁸	12000	8800
				 WE SUGGEST F96T12/W/HO/SS, An Energy Saving Product					
				25157	F96T12/WW/HO	15	Warm White ⁸	12000	8800
				 WE SUGGEST F96T12/WW/HO/SS, An Energy Saving Product					
				21172	FR96T12/CW/HO/235 □	12	Cool White, 235 Deg. Reflector ^{6,8}	12000	8050




VERY HIGH OUTPUT, RAPID START LAMPS (1500 ma) (No Starter Required)

115	T-12	48"	Recessed D.C.	21260	F48T12/CW/PB/30 □	6	Cool White 30 Deg. Aperture	10000	
				25248	F48T12/CW/VHO	30	Cool White	10000	6600
				25249	F48T12/CW/VHO/LT	30	Cool White, Low Temp. Performance rated at 35 Deg. F Ambient.	10000	7500
				25244	F48T12/D/VHO	30	Daylight	10000	5600
				25247	F48T12/WW/VHO	30	Warm White	10000	6400
				25251	FR48T12/350BL/VHO/180	30	Blacklight 180 Deg. Reflector	10000	
135	T-12	60"	Recessed D.C.	25262	F60T12/CW/VHO	30	Cool White	10000	8700
160	T-12	72"	Recessed D.C.	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	11000
				25270	F72T12/D/VHO	15	Daylight	10000	9400
				25293	F72T12/GRO/VHO	15	GRO-LUX [®] 	10000	
				25277	F72T12/WW/VHO	15	Warm White	10000	10500
195	T-12	96"	Recessed D.C.	 25296	F96T12/CW/VHO/SS	15	Cool White ^{9,18} SuperSaver[®]	10000	13600
				 25297	F96T12/LW/VHO/SS	15	Lite White ^{9,18} SuperSaver[®]	10000	14000
215	T-12	96"	Recessed D.C.	25209	F96T12/CW/VHO	15	Cool White ⁹	10000	14500
				 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	15000
				25210	F96T12/D/VHO	15	Daylight ⁹	10000	12500
				25299	F96T12/GRO/VHO	15	GRO-LUX [®]  ⁹	10000	
				25215	F96T12/GRO/VHO/WS	15	GRO-LUX [®] Wide Spect.  ⁹	10000	
				25211	F96T12/WW/VHO	15	Warm White ⁹	10000	14000
				26350	FR96T12/CW/VHO/235/1	15	Cool White, 235 Deg. Reflector ^{7,9,28}	10000	12500

T-6
SINGLE
PINT-8
SINGLE
PINT-12
SINGLE
PIN

INSTANT START LAMPS

INSTANT START, SLIMLINE LAMPS (No Starter Required)

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)		
				Syl. Item No.							
21	T-12	24"	Single Pin	22403	F24T12/CW	30	Cool White	7500	1150		
25	T-6	42"	Single Pin	24268	F42T6/D835 ■	24	Designer® "800" 3500K ^(200 MA)	7500	2070		
				24266	F42T6/CW	24	Cool White ^(200 MA)	7500	1920		
				24227	F42T6/CWX	24	Deluxe Cool White ^(200 MA)	7500	1300		
				24259	F42T6/D	24	Daylight ^(200 MA)	7500	1620		
				24282	F42T6/N	24	Natural White ^(200 MA)	7500	1300		
				24251	F42T6/W	24	White ^(200 MA)	7500	1920		
				24270	F42T6/WW	24	Warm White ^(200 MA)	7500	1920		
30	T-12	36"	Single Pin	23618	F36T12/CW	30	Cool White	7500	1970		
32	T-12	48"	Single Pin		24822	F48T12/D830/SS	30	Designer® "800" 3000K ¹⁶ <i>SuperSaver®</i>	9000	2700	
					24826	F48T12/D30/SS	30	Designer® 3000K ¹⁶ <i>SuperSaver®</i>	9000	2680	
					24829	F48T12/D35/SS	30	Designer® 3500K <i>SuperSaver®</i>	9000	2680	
					24825	F48T12/D41/SS	30	Designer® 4100K ¹⁶ <i>SuperSaver®</i>	9000	2680	
					24823	F48T12/CW/SS	30	Cool White ¹⁶ <i>SuperSaver®</i>	9000	2550	
					24824	F48T12/LW/SS	30	Lite White ¹⁶ <i>SuperSaver®</i>	9000	2680	
36	T-12	42"	Single Pin	24218	F42T12/CW	30	Cool White	7500	2440		
38	T-6	64"	Single Pin	26468	F64T6/D835 ■	24	Designer® "800" 3500K ^(200 MA)	7500	3300		
				26466	F64T6/CW	24	Cool White ^(200 MA)	7500	3050		
				26427	F64T6/CWX	24	Deluxe Cool White ^(200 MA)	7500	2130		
				26482	F64T6/N	24	Natural White ^(200 MA)	7500	2100		
				26470	F64T6/WW	24	Warm White ^(200 MA)	7500	3100		
	T-8	72"	Single Pin	27266	F72T8/CW	24	Cool White ^(200 MA)	7500	3050		
				27200	F72T8/D	24	Daylight ^(200 MA)	7500	2700		
				27270	F72T8/WW	24	Warm White ^(200 MA)	7500	3100		
				39	T-12	48"	Single Pin	24832	F48T12/D35	30	Designer® 3500K
	WE SUGGEST F48T12/D35/SS, An Energy Saving Product										
	24830	F48T12/CW	30					Cool White	9000	2900	
		WE SUGGEST F48T12/CW/SS or F48T12/LW/SS, Energy Saving Products									
		24831	F48T12/CW 10PK					10	Cool White	9000	2900
		24833	F48T12/CWX					30	Deluxe Cool White	9000	2000
		24834	F48T12/D					30	Daylight	9000	2500
		24813	F48T12/N					30	Natural White	9000	2000
		24816	F48T12/W					30	White	9000	2900
		24817	F48T12/WW					30	Warm White	9000	2900
50		T-12	60"	Single Pin	26001	F60T12/CW	30	Cool White ⁸	12000	3700	
	26002				F60T12/D	30	Daylight ⁸	12000	3200		
51	T-8	96"	Single Pin	29666	F96T8/CW	24	Cool White ^(200 MA)	7500	4000		
				29650	F96T8/D	24	Daylight ^(200 MA)	7500	3550		

FLUORESCENT



INSTANT START, SLIMLINE LAMPS (No Starter Required) (continued)

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				Syl. Item No.					
52	T-12	64"	Single Pin	26403	F64T12/CW	30	Cool White ⁸	12000	3900
				26404	F64T12/D	30	Daylight ⁸	12000	3300
55	T-12	72"	Single Pin	27255	F72T12/D830	15	Designer® "800" 3000K ⁸	12000	4800
				27275	F72T12/D835 ■	15	Designer® "800" 3500K ⁸	12000	4800
				27250	F72T12/D35 ■	15	Designer® 3500K ⁸	12000	4700
				27256	F72T12/CW	15	Cool White ⁸	12000	4500
				27258	F72T12/CWX	15	Deluxe Cool White ⁸	12000	3150
				27259	F72T12/D	15	Daylight ⁸	12000	3900
				27159	F72T12/GO ■	10	Gold ⁸	12000	2900
				27262	F72T12/N	15	Natural White ⁸	12000	3100
				27264	F72T12/W	15	White ⁸	12000	4600
				27265	F72T12/WW	15	Warm White ⁸	12000	4600
70	T-12	84"	Single Pin	28417	F84T12/CW	15	Cool White ⁸	12000	5300
60	T-12	96"	Single Pin	29823	F96T12/D830/SS	15	Designer® "800" 3000K ^{8,16} SuperSaver®	12000	5800
				29811	F96T12/D835/SS	15	Designer® "800" 3500K ^{8,16} SuperSaver®	12000	5800
				29812	F96T12/D841/SS	15	Designer® "800" 4100K ^{8,16} SuperSaver®	12000	5800
				29825	F96T12/D30/SS	15	Designer® 3000K ^{8,16} SuperSaver®	12000	5600
				29819	F96T12/D35/SS	15	Designer® 3500K ^{8,16} SuperSaver®	12000	5600
				29824	F96T12/D41/SS	15	Designer® 4100K ^{8,16} SuperSaver®	12000	5600
				29815	F96T12/CW/SS	15	Cool White ^{8,16} SuperSaver®	12000	5400
				29814	F96T12/CWX/SS	15	Deluxe Cool White ^{8,16} SuperSaver®	12000	3850
				29822	F96T12/D/SS	15	Daylight ^{8,16} SuperSaver®	12000	4700
				29820	F96T12/LW/SS	15	Lite White ^{8,16} SuperSaver®	12000	5600
				29821	F96T12/W/SS	15	White ^{8,16} SuperSaver®	12000	5500
				29817	F96T12/WW/SS	15	Warm White ^{8,16} SuperSaver®	12000	5500
75	T-12	96"	Single Pin	29827	F96T12/D830	15	Designer® "800" 3000K ⁸	12000	6700
					WE SUGGEST F96T12/D830/SS, An Energy Saving Product				
				29843	F96T12/D835 ■	15	Designer® "800" 3500K ⁸	12000	6700
					WE SUGGEST F96T12/D835/SS, An Energy Saving Product				
				29818	F96T12/D30 ■	15	Designer® 3000K	12000	6500
				29685	F96T12/D35	15	Designer® 3500K ⁸	12000	6500
					WE SUGGEST F96T12/D35/SS, An Energy Saving Product				
				29830	F96T12/CW 10PK	10	Cool White ⁸	12000	6100
				29476	F96T12/CW	15	Cool White ⁸	12000	6100
					WE SUGGEST F96T12/CW/SS, An Energy Saving Product				
				29478	F96T12/CWX	15	Deluxe Cool White ⁸	12000	4400
					WE SUGGEST F96T12/CWX/SS, An Energy Saving Product				
				29832	F96T12/D 10PK	10	Daylight ⁸	12000	5400

T-12
SINGLE
PINT-12
BIPINT-17
MOGUL
BIPINT-5
BIPINT-8
BIPINT-12
RDC

INSTANT START, SLIMLINE LAMPS (No Starter Required) (continued)












Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
75	T-12	96"	Single Pin	29482	F96T12/D	15	Daylight ⁸	12000	5400
					 WE SUGGEST F96T12/D/SS, An Energy Saving Product				
				29833	F96T12/DSGN50	15	Design 50, TM 5000K ⁸	12000	4400
				29681	F96T12/GO 	10	Gold ^{8,28}	12000	4000
				29836	F96T12/GRO	15	GRO-LUX [®] 	12000	
				29837	F96T12/GRO/WS	15	GRO-LUX [®] Wide Spect. 	12000	
				29480	F96T12/N	15	Natural White ⁸	12000	4200
				29844	F96T12/W	15	White ⁸	12000	6200
					 WE SUGGEST F96T12/W/SS, An Energy Saving Product				
				29477	F96T12/WW	15	Warm White ⁸	12000	6200
					 WE SUGGEST F96T12/WW/SS, An Energy Saving Product				
				29847	F96T12/WWX 	15	Deluxe Warm White ⁸	12000	4400
				29663	FR96T12/CW/235	12	Cool White, 235 Deg. Reflector ⁸	12000	

INSTANT START BIPIN LAMPS (No Starter Required)

40	T-12	48"	Med. Bipin	24571	F40T12/CW/IS	30	Cool White ⁴	9000	3000
	T-17	60"	Mog. Bipin	27056	F40T17/CW/IS	12	Cool White ⁴	7500	2850

SPECIAL LAMPS

GRO-LUX[®] LAMPS (Starter required only with items so marked)

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
8	T-5	12"	Min. Bipin	20827	F8T5/GRO	24	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	
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	
30	T-8	36"	Med. Bipin	23159	F30T8/GRO	12	GRO-LUX [®] Starter Required 	7500	
	T-12	24"	Med. Bipin	22324	F30T12/GRO/700	12	GRO-LUX [®] Starter Required  ¹¹	7500	
40	T-12	48"	Med. Bipin	24655	F40GRO	12	GRO-LUX [®] 	20000	
				24672	F40GRO/WS	12	GRO-LUX [®] Wide Spectrum 	20000	
75	T-12	96"	Single Pin	29836	F96T12/GRO	15	GRO-LUX [®]  ⁸	12000	
				29837	F96T12/GRO/WS	15	GRO-LUX [®] Wide Spect.  ⁸	12000	
105	T-12	96"	Recessed D.C.	25163	F96T12/GRO/HO/WS	15	GRO-LUX [®] Wide Spectrum 	12000	
160	T-12	72"	Recessed D.C.	25293	F72T12/GRO/VHO	15	GRO-LUX [®] 	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	

WEATHER-SHIELDED LAMPS

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				Syl. Item No.					
39	T-14 1/2	48"	Single Pin	24876	FJ48T12/CW	12	Jacketed, Cool White	9000	2750
55	T-14 1/2	72"	Single Pin	27254	FJ72T12/CW	8	Jacketed, Cool White	12000	4280
75	T-14 1/2	96"	Single Pin	29691	FJ96T12/CW	8	Jacketed, Cool White	12000	5850
60	T-14 1/2	48"	Recessed D.C.	21337	FJ48T12/CW/HO	12	Jacketed, Cool White	12000	3800
70	T-14 1/2	60"	Recessed D.C.	21124	FJ60T12/CW/HO	8	Jacketed, Cool White	12000	5300
85	T-14 1/2	72"	Recessed D.C.	21342	FJ72T12/CW/HO	8	Jacketed, Cool White	12000	5960
110	T-14 1/2	96"	Recessed D.C.	21356	FJ96T12/CW/HO	8	Jacketed, Cool White	12000	8500
115	T-14 1/2	48"	Recessed D.C.	21330	FJ48T12/CW/VHO/LT	12	Jacketed, Low Temp. Cool White	10000	7250
165	T-14 1/2	74"	Recessed D.C.	21335	FJ72T12/CW/VHO/LT	8	Jacketed, Low Temp. Cool White	10000	10700
215	T-14 1/2	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

APPLIANCE LAMPS (Starter Required)

18	T-8	24"	Med. Bipin	23014	F18T8/CW/K/24	24	Cool White	7500	1230
		26"	Med. Bipin	23027	F18T8/CW/K/26	24	Cool White	7500	1320
		28"	Med. Bipin	23028	F18T8/CW/K/28	24	Cool White	7500	1350
		30"	Med. Bipin	23030	F18T8/CW/K/30	24	Cool White	7500	1450

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		



BLACKLIGHT, RAPID START LAMPS (No Starter Required)

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

Watts	Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
				Syl. Item No.					
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 ²⁹	6000	
6	T-5	9"	Min. Bipin	20625	F6T5/BLB	24	Blacklight Blue, Starter Required ²⁹	7500	
8	T-5	12"	Min. Bipin	20825	F8T5/BLB	24	Blacklight Blue, Starter Required ²⁹	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	12	Diazo		

GERMICIDAL LAMPS (Starter Required)

Warning: Direct or reflected exposure of the ultraviolet energy emitted by these lamps to eyes or skin should be avoided to prevent possible serious burns. Adequate protection should be provided by clothing, gloves, opaque materials, and ordinary window glass. Although these lamps will operate in standard fluorescent fixtures, they should *not* be used for general lighting applications.

8	T-5	12"	Min. Bipin	20811	G8T5	24	Germicidal ²⁹	6000	
15	T-8	18"	Med. Bipin	21612	G15T8	24	Germicidal ²⁹	7500	
30	T-8	36"	Med. Bipin	23112	G30T8	24	Germicidal ²⁹	7500	



FLUORESCENT LAMP STARTERS (With Mylar Condensers)

Watts Bulb	Nom- inal Lgth	Base	VENDOR ID NO. DCI 046135 UPC 46135	Lamp Ordering Abbreviation	Pkg. Qty.	Description	Avg. Rated Hours Life(33)	Approx. Initial Lumens(2)
			Syl. Item No.					

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)

FIXTURES

SUN STICK® FIXTURE

29044	FSS20/DW/FIX <input type="checkbox"/>	6	Sun Stick Fixture complete with one 20 Watt Decorator White Fluorescent Lamp	7500	780
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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 3000K Fluorescent ³²	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. ³²	12000	1080

SYLVANIA PROJECTOR LAMPS

Following is an alphabetical ANSI listing of the popular Sylvania audio visual lamps. For our complete listing, refer to Catalog AV-149R3.

ANSI CODE	Description	(A-Amps) Watts	Volts	Bulb	Base	Filament	Lumens (CBCP)	Rated Life	Color Temp.	L.C.L. (L.L.) (in.)	M.O.L. (in.)
BLC	Projector	30	115-125	S-11	DC Bay	CC-2V	400	50	2775	1 $\frac{3}{8}$	2 $\frac{3}{8}$
BVE	TH Projector, Prox. RFL	625	120	T-6	2PP	C-13D	—	50	3350	1 $\frac{3}{4}$	3 $\frac{1}{2}$
CAL/CXP	Proj. Prox. RFL, Blue Top, BD	300	120	T-10	Tf	C-13	—	25	3150	1 $\frac{9}{16}$	4
CAR	Proj. Prox. RFL, Blue Top, BD-Hor	150	120	T-10	Tf	2 CC-8	3500	15	3150	1 $\frac{5}{16}$	3 $\frac{1}{8}$
CAW/CAX	Projector, Blue Top, BD	50	120	T-8	DC Bay	CC-13	—	50	2900	1 $\frac{3}{8}$	3 $\frac{1}{8}$
CEM/BFB	Projector, Blue Top, BD	120	120	T-8	SC Bay	2 CC-8	1950	200	3000	1 $\frac{3}{8}$	3 $\frac{1}{8}$
CHK	Projector, Blue Top, BD	150	120	T-8	SC Bay	2 CC-8	2995	500	2850	1 $\frac{3}{8}$	3 $\frac{5}{8}$
CZA/CZB	Proj. Prox. RFL, Blue Top, BD	500	120	T-10	Tf	C-13D	—	25	3250	1 $\frac{9}{16}$	4
CZX/DAB	Projector, Blue Top, BD	500	120	T-10 HG	Med Pf	C-13D	12,750	25	3250	2 $\frac{3}{16}$	5 $\frac{3}{4}$
DAT	Projector, Blue Top, BD	400	120	T-10	Tf	C-13D	—	25	3200	1 $\frac{9}{16}$	4
DAY/DAK	Projector, Blue Top, BD	500	120	T-10 HG	Tf	C-13D	13,200	30	3200	1 $\frac{9}{16}$	4 $\frac{3}{32}$
DCA	Tru-Flector, Base Down Focal Distance 1 $\frac{3}{4}$	150	21.5	T-12	Tf	CC-6	—	15	—	1 $\frac{9}{16}$	3 $\frac{9}{16}$
DDL	Tungsten Halogen Rim Mount	150	20	MR-16	RM2P	CC-6	—	500	3150	—	1 $\frac{3}{4}$
DDM	Tungsten Halogen Rim Mount	80	19	MR-16	RM2P	CC-6	—	50	3350	—	1 $\frac{3}{4}$
DDS	Tungsten Halogen Rim Mount	80	21	MR-16	RM2P	CC-6	—	1000	3125	—	1 $\frac{3}{4}$
DED	Tungsten Halogen Rim Mount	85	13.8	MR-16	RM2P	CC-6	—	1000	3150	—	1 $\frac{3}{4}$
DEK/DFW	Proj., Prox. RFL, Blue Top, BD-Hor	500	120	T-12 HG	Tf	C-13D	—	25	3200	1 $\frac{3}{4}$	3 $\frac{9}{16}$
DFN/DFC	Tru-Flector, Hor., Foc. Dist. 2 $\frac{1}{4}$	500	120	T-12	Tf	CC-8	—	15	3200	1 $\frac{9}{16}$	3 $\frac{9}{16}$
DNF	TH Tru-Beam, Dichroic RFL	150	21.0	MR-18TB	TB2P	CC-6	—	25	—	—	2
DRC/DRB	Projector, Base Down	1000	120	T-20 HG	Med Pf	C-13	28,000	50	3280	2 $\frac{3}{16}$	5 $\frac{3}{4}$
DRS	Projector, Base Down	1000	120-125	T-20 HG	Med Pf	C-13D	30,000	25	3300	2 $\frac{3}{16}$	5 $\frac{3}{4}$
DYS/BHC/DYV	TH Overhead Projector	600	120	T-6	2PP	CC-6	17,500	75	3200	1.437	2.5
EHA	TH Projector, Prox. RFL	500	120	T-6	2PP	C-13D	—	50	3250	1 $\frac{7}{16}$	3
EHJ	TH Projector, Base Down	250	24	T-4	2P	C-6	8000	50	3400	1.297	1.969
EJA	TH Rim Mount Dichroic RFL Focal Distance 1.1	150	21	MR-16	RM2P	CC-6	—	40	3400	—	1 $\frac{3}{4}$
EJV	TH Rim Mount, Dichroic RFL Focal Distance 1.75	150	21	MR-16	RM2P	CC-6	—	100	3400	—	1 $\frac{3}{4}$
EKE	TH Rim Mount, Dichroic RFL Focal Distance 1.75	150	21	MR-16	RM2P	CC-6	—	200	3300	—	1 $\frac{3}{4}$
EKN	TH Rim Mount, Dichroic RFL Focal Distance 1.5	120	17.7	MR-16	RM2P	CC-6	—	120	3250	—	1 $\frac{3}{4}$
ELC	TH Rim Mount, Focal Distance 1.25	250	24	MR-16	RM2P	C-8	—	50	3400	—	1 $\frac{3}{4}$
ELH	TH Rim Mount, Dichroic RFL Focal Distance 6.0	300	120	MR-16	RM2P	CC-8	—	50	3350	—	1 $\frac{3}{4}$
EMM/EKS	TH Mini Tru-Beam, Foc. Dist. 2.59	250	24	MR-14TB	TB2P	C-8	—	50	3400	—	1 $\frac{7}{8}$
EPR	TH Projector, Prox. RFL	500	120	T-6	Tf	C-13D	—	50	3250	1.620	3 $\frac{1}{2}$
ETJ	TH Rim Mount	250	120	MR-16	RM2P	CC-8	—	175	3250	—	1 $\frac{3}{4}$
EVW	TH Rim Mount	250	82	MR-16	RM2P	CC-8	—	50	—	—	1 $\frac{3}{4}$
EXR	TH Rim Mount	300	82	MR-13	MRM2P	CC-8	—	35	—	—	1 $\frac{3}{4}$
EXY	TH Rim Mount	250	82	MR-13	MRM2P	CC-8	—	200	3350	—	1 $\frac{3}{4}$
EYB	Projector	360	82	—	2PM	CC-8	10,000	75	3250	1 $\frac{1}{4}$	2 $\frac{1}{8}$

Sylvania Projector Lamps (continued)

ANSI CODE	Description	(A-Amps) Watts	Volts	Bulb	Base	Filament	Lumens (CBCP)	Rated Life	Color Temp.	L.C.L. (L.L.) (in.)	M.O.L. (in.)
FCB	Projector/Studio Lamp	600	120	T-4	RSC				3200		
FCS	TH Projector, BD to Horizontal	150	24	T-4	2P	CBar6	5000	100	3400	1.181	2
FDT	TH Projector	100	12	T-3½	2PP	CBar6	2900	100	3300	1½/16	2¼
FFJ	TH Overhead Projector	600	120	T-4	RSC	CC-8	16,500	75	3200	—	2⅝

STUDIO, THEATRE, TELEVISION & VIDEO LAMPS

Following is an alphabetical ANSI listing of the popular Sylvania Studio, Theatre, Television & Video (STTV) Lamps. For our complete listing, refer to catalog STTV-133R.

Watts	ANSI Code	Replaces	VENDOR ID NO. DCI 046135 UPC 46135 Syl. Item No.	Std. Case Qty.	Volts	Color Temp. (°K)	Nom. Lumens	Avg. Rated Life (Hrs.)	Filament Class	Fused Silica Bulb Finish	M.O.L. (in.)	L.L. (in.)
500	BTL*	500T20/64	54685	12	120	3050	11000	750	C-13D	Fused Silica Clear	4½	
750	BTN*	750T20/SP	54687	12	120	3050	17000	500	C-13D	Fused Silica Clear	4¾	
1000	BTR*	1M/T20P/SP	54689	12	120	3200	27500	200	C-13D	Fused Silica Clear	4¾	
1000	BVT	1MG40/20 1MG40/23	54690	6	120	3050	23000	500	C-13D	Fused Silica Clear	7	
1000	BVV	1MG40/25	54691	6	120	3200	27500	200	C-13D	Fused Silica Clear	7	
1500	CXZ		54717	6	120	3200	44500	325	C13D	Clear	8	
2000	CYX*	2MG48/10 2MG48/14 2MG48/1	54613	6	120	3200	59000	400	C-13	Clear	8½	
5000	DPY	5MG64/7 5MT64/3	54641	10	120	3200	143000	550	C-13	Clear	11	
10000	DTY	10KG96/1	54693	1	120	3200	290500	300	C-13	Clear	15	
1000	DXW		53997	12	120	3200	28000	150	CC-8	Clear		13/16
500	EGE*	500T12/9 500T12/8	54648	12	120	3000	10450	2000	CC-8	Fused Silica Clear	5½	
750	EGG*	750T12/9	54652	12	120	3000	15750	2000	CC-8	Fused Silica Clear	5½	
1000	EGJ*	1MT12/2	54654	12	120	3200	27500	400	CC-8	Fused Silica Clear	5¾	
750	EGR*	750T24/16	54662	12	120	3200	21000	200	C-13D	Clear	4¾	
1000	EGT*	1M/T24/16	54664	12	120	3200	28500	250	C-13D	Clear	4¾	

*RoughNeck construction

Studio, Theatre, Television & Video Lamps (continued)

Watts	ANSI Code	Large Lamp Ordering Abbreviation	VENDOR ID NO. DCI 046135 UPC 46135	Std. Case Qty.	Volts	Color Temp. (°K)	Nom. Lumens	Avg. Rated Life (Hrs.)	Filament Class	Fused Silica Bulb Finish	M.O.L. (in.)	L.L. (in.)
			Syl. Item No.									
750	EHG	750Q/CL	54512	12	120	3000	15400	2000	CC-8	Clear	4.00	
750	EJG	750T3Q/4CL	54598	12	120	3200	20600	400	C-8	Clear		27/16
650	FAD		54574	12	120	3200	16500	100	CC-8	Clear		5/8
1000	FCM	1000T3Q/4CL	54442	12	120	3200	28000	300	C-8	Clear		2 1/2
500	FDN	500T2 1/2Q	54534	12	120	3200	12800	400	C-8	Frosted		—
1000	FEL	1000/4CL	54570	12	120	3200	27500	300(2)	CC-8	Clear	4.00	
200	FEV		54441	12	120	3200	5500	50	CC-2V	Fused Silica Clear	1 3/8	27/16

Watts	ANSI Code	Large Lamp Ordering Abbreviation	VENDOR ID NO. DCI 046135 UPC 46135	Std. Case Qty.	Volts	Base	Avg. Rated Life	Field Angle	Beam Angle	Approx. Candle Power	Beam Lumens	Color Temp. (°K)
			Syl. Item No.									
1000	FFN	1000PAR64Q/1VNSP	56214	6	120	EMEP	800	10 × 24	6 × 12	400000	11000	3200
1000	FFP	1000PAR64Q/2NSP	56215	6	120	EMEP	800	14 × 26	7 × 14	330000	12000	3200
1000	FFR	1000PAR64Q/5MFL	56217	6	120	EMEP	800	21 × 44	12 × 28	125000	14000	3200
1000	FFS	1000PAR64Q/6WFL	56216	6	120	EMEP	800	45 × 71	24 × 48	40000	19000	3200

Watts	ANSI Code	Large Lamp Ordering Abbreviation	VENDOR ID NO. DCI 046135 UPC 46135	Std. Case Qty.	Volts	Color Temp. (°K)	Nom. Lumens	Avg. Rated Life (Hrs.)	Filament Class	Fused Silica Bulb Finish	M.O.L. (in.)	L.L. (in.)
			Syl. Item No.									
1000	FFT	1000T3Q/1CL	54350	12	120	3200	27000	300	C-8	Clear		2 1/2
1000	FHM	1000T3Q/4	54532	12	120	3200	27300	300	C-8	Frosted		—

MINIATURE LAMPS

NAED	Order Abbrev.	Bulb	Base	Volts	Amps	NAED	Order Abbrev.	Bulb	Base	Volts	Amps
83026	NE-2(A1A)	T-2	WIRETR	—	—	83096	120MB	T-2½	MIN.BAY.	120.0	0.025
83027	NE-2E(A9A)	T-2	WIRETR	—	—	83097	120MB/6	T-2½	MIN.BAY.	120.0	0.052
83028	NE-45(B7A)	T-4½	CAN.SCR	—	—	83098	120PC	—	BIPIN	120.0	0.025
83029	NE-51(B1A)	T-3¼	MIN.BAY.	—	—	83302	120PS	T-2	WIRETR	120.0	0.025
83030	NE-51H(B2A)	T-3¼	MIN.BAY.	—	—	83099	120PSB	T-2	SLIDE#5	120.0	0.025
83032	PR2	B-3½	S.C.MINFL	2.38	0.50	83100	120RB	—	MIN.BAY.	120.0	0.025
83202	PR3	B-3½	S.C.MINFL	3.57	0.50	83101	120RC	—	CAN.SCR	120.0	0.025
83203	PR4	B-3½	S.C.MINFL	2.33	0.27	83103	161	T-3¼	WEDGE	14.0	0.19
83204	PR6	B-3½	S.C.MINFL	2.47	0.30	83274	168	T-3¼	WEDGE	14.0	0.35
83205	PR7	B-3½	S.C.MINFL	3.7	0.30	83105	194	T-3¼	WEDGE	14.0	0.27
83206	PR12	B-3½	S.C.MINFL	5.95	0.50	83108	210	B-6	D.C.BAY.	6.5	1.78
83207	PR13	B-3½	S.C.MINFL	4.75	0.50	83109	211-2	T-3	ENDCAPS	12.8	0.97
83040	6PSB	T-2	SLIDE#5	6.0	0.14	83110	214-2	T-3	ENDCAPS	13.5	0.52
82041	10	G-3½	MIN.2-PIN	2.5	0.50	83111	222	TL-3	MIN.SCR	2.25	0.25
83042	12	G-3½	MIN.2-PIN	6.3	0.15	83112	259	T-3¼	WEDGE	6.3	0.25
83043	12ESB/6	T-2	SLIDE#6	12.0	0.04	83277	307	S-8	S.C.BAY.	28.0	0.67
83044	12MB	T-2½	MIN.BAY.	12.0	0.17	83115	313	T-3¼	MIN.BAY.	28.0	0.17
83045	12PSB	T-2	SLIDE#5	12.0	0.17	83116	327	T-1¾	S.C.MID.FL	28.0	0.04
83047	14	G-3½	MIN.SCR	2.5	0.30	83118	328	T-1¾	S.C.MID.FL	6.0	0.20
83048	15	G-4½	MIN.2-PIN	7.0	0.40	83119	330	T-1¾	S.C.MID.FL	14.0	0.08
83049	16ESB	T-2	SLIDE#5	16.0	0.04	83120	334	T-1¾	MID.GRVD	28.0	0.04
83050	17	T-1¾	SUB.WDG	28.0	0.065	83121	335	T-1¾	MID.SCR	28.0	0.04
83051	19	G-3½	MIN.2-PIN	14.4	0.10	83122	344	T-1¾	S.C.MID.FL	10.0	0.014
83052	24CSB	T-2	SLIDE#5	24.0	0.017	83123	349	T-1¾	S.C.MID.FL	6.3	0.20
83053	24E	T-2	SLIDE#3	24.0	0.035	83124	356	G-3½	MIN.BAY.	28.0	0.17
83054	24ESB	T-2	SLIDE#5	24.0	0.04	83125	367	T-1¾	S.C.MID.FL	10.0	0.04
83055	24MB	T-2½	MIN.BAY.	24.0	0.07	83126	376	T-1¾	S.C.MID.FL	28.0	0.06
83056	24PSB	T-2	SLIDE#5	24.0	0.073	83127	381	T-1¾	S.C.MID.FL	6.3	0.20
83057	24X	T-2	SLIDE#2*	24.0	0.035	83128	382	T-1¾	S.C.MID.FL	14.0	0.08
83058	28ESB	T-2	SLIDE#5	28.0	0.04	83129	385	T-1¾	S.C.MID.FL	28.0	0.04
83059	28MB	T-2½	MIN.BAY.	28.0	0.04	83003	386	T-1¾	MID.GRVD	14.0	0.08
83060	28PC	—	BIPIN	28.0	0.04	83130	387	T-1¾	S.C.MID.FL	28.0	0.04
83061	28PSB	T-2	SLIDE#5	28.0	0.04	83131	388	T-1¾	MID.GRVD	28.0	0.04
83062	28RC	—	CAN.SCR	28.0	0.04	83280	394	T-1¾	S.C.MID.SCR	12.0	0.04
83264	35A	T-2	SLIDE#3	35.0	0.04	83133	428	G-4½	MIN.SCR	12.5	0.25
83063	43	T-3¼	MIN.BAY.	2.5	0.50	83134	502	G-4½	MIN.SCR	5.1	0.15
83064	44	T-3¼	MIN.BAY.	6.3	0.25	83136	605	G-4½	MIN.SCR	6.15	0.50
83065	46	T-3¼	MIN.SCR	6.3	0.25	83137	656	T-3¼	WEDGE	28.0	0.06
83066	47	T-3¼	MIN.BAY.	6.3	0.15	83138	657	T-3¼	WEDGE	28.0	0.08
83069	48PSB	T-2	SLIDE#5	48.0	0.05	83139	658	T-3¼	WEDGE	14.0	0.08
83071	51	G-3½	MIN.BAY.	7.5	0.22	83140	755	T-3¼	MIN.BAY.	6.3	0.15
83072	51A	T-2	SLIDE#6	10.0	0.036	83142	756	T-3¼	MIN.BAY.	14.0	0.08
83074	53	G-3½	MIN.BAY.	14.4	0.12	83143	757	T-3¼	MIN.BAY.	28.0	0.08
83033	55	G-4½	MIN.BAY.	7.0	0.41	83144	906	T-5	WEDGE	13.0	0.69
83075	55C	T-2	SLIDE#3	55.0	0.05	83147	912	T-5	WEDGE	12.8	1.00
83076	56	T-1¾	SUB.WDG	5.0	0.115	83148	918IC	—	BIPIN	12.8	0.04
83077	57	G-4½	MIN.BAY.	14.0	0.24	83149	1004	B-6	D.C.BAY.	12.8	0.94
83078	60MB	T-2½	MIN.BAY.	60.0	0.05	83151	1073	S-8	S.C.BAY.	12.8	1.80
83079	60PSB	T-2	SLIDE#5	60.0	0.05	83284	1076	S-8	D.C.BAY.	12.8	1.80
83081	64	G-6	D.C.BAY.	7.0	0.63	83152	1130	S-8	D.C.BAY.	6.4	2.63
83082	67	G-6	S.C.BAY.	13.5	0.59	83153	1133	RP-11	S.C.BAY.	6.2	3.91
83084	68	G-6	D.C.BAY.	13.5	0.59	83154	1141	S-8	S.C.BAY.	12.8	1.44
83085	73	T-1¾	SUB.WDG	14.0	0.08	83155	1142	S-8	D.C.BAY.	12.8	1.44
83087	82	G-6	D.C.BAY.	6.5	1.02	83156	1152	S-8	D.C.BAY.	12.8	1.34
83088	85	T-1¾	SUB.WDG	28.0	0.04	83157	1156	S-8	S.C.BAY.	12.8	2.10
83089	86	T-1¾	SUB.WDG	6.3	0.20	83158	1157	S-8	D.C.INDX	12.8	2.10
83090	88	S-8	D.C.BAY.	6.8	1.91		1157	S-8	D.C.INDX	14.0	0.59
83091	89	G-6	S.C.BAY.	13.0	0.58	83162	1383	R-12	S.C.BAY.	13.0	1.50
83092	90	G-6	D.C.BAY.	13.0	0.58	83163	1385	R-12	S.C.BAY.	28.0	0.72
83093	90MB	T-2½	MIN.BAY.	90.0	0.03	83164	1487	T-3¼	MIN.SCR	14.0	0.20
83094	93	S-8	S.C.BAY.	12.8	1.04	83165	1493	S-8	D.C.BAY.	6.5	2.75
83095	94	S-8	D.C.BAY.	12.8	1.04	83167	1630	S-8	D.C.PREF.	6.5	2.75

*special prick punch base

Miniature Lamps (continued)

NAED	Order Abbrev.	Bulb	Base	Volts	Amps	NAED	Order Abbrev.	Bulb	Base	Volts	Amps
83168	1767	T-1 $\frac{3}{4}$	MID.SCR	2.5	0.20	83185	1866	T-3 $\frac{1}{4}$	MIN.BAY.	6.3	0.25
83171	1815	T-3 $\frac{1}{4}$	MIN.BAY.	14.0	0.20	83186	1873	T-3 $\frac{1}{4}$	MIN.BAY.	28.0	0.20
83173	1816	T-3 $\frac{1}{4}$	MIN.BAY.	13.0	0.33	83187	1891	T-3 $\frac{1}{4}$	MIN.BAY.	14.0	0.24
83175	1819	T-3 $\frac{1}{4}$	MIN.BAY.	28.0	0.04	83188	1892	T-3 $\frac{1}{4}$	MIN.BAY.	14.4	0.12
83176	1820	T-3 $\frac{1}{4}$	MIN.BAY.	28.0	0.10	83189	1893	T-3 $\frac{1}{4}$	MIN.BAY.	14.0	0.33
83178	1822	T-3 $\frac{1}{4}$	MIN.BAY.	36.0	0.10	83190	1895	G-4 $\frac{1}{2}$	MIN.BAY.	14.0	0.27
83179	1828	T-3 $\frac{1}{4}$	MIN.BAY.	37.5	0.05	83195	7153AS15	T- $\frac{3}{4}$	WIRETR	5.0	0.115
83180	1829	T-3 $\frac{1}{4}$	MIN.BAY.	28.0	0.07	83196	7327	T-1 $\frac{3}{4}$	BIPIN	28.0	0.04
83181	1835	T-3 $\frac{1}{4}$	MIN.BAY.	55.0	0.05	83199	7371	T-1 $\frac{3}{4}$	BIPIN	12.0	0.04
83182	1847	T-3 $\frac{1}{4}$	MIN.BAY.	6.3	0.15	83200	7382	T-1 $\frac{3}{4}$	BIPIN	14.0	0.08
83183	1850	T-3 $\frac{1}{4}$	MIN.BAY.	5.0	0.09	83201	7387	T-1 $\frac{3}{4}$	BIPIN	28.0	0.04
83184	1864	T-3 $\frac{1}{4}$	MIN.BAY.	28.0	0.17						

Automotive Sealed Beam Lamps

NAED	Order Abbrev.	Bulb	Remarks	Volts	Watts	NAED	Order Abbrev.	Bulb	Remarks	Volts	Watts
83217	H4651	REC	UPPERBEAM	12.8	50	83210	4000	PAR46	LOWERBEAM	12.8	60
83219	H4652	REC	LOWERBEAM	12.8	60		4000	PAR46	UPPERBEAM	12.8	37.5
83002	H4656	REC	LOWERBEAM	12.8	35	83214	4651	REC	UPPERBEAM	12.8	50
	H4656	REC	UPPERBEAM	12.8	35	83215	4652	REC	LOWERBEAM	12.8	60
83221	H5001	PAR46	UPPERBEAM	12.8	50		4652	REC	UPPERBEAM	12.8	40
83223	H4006	PAR46	LOWERBEAM	12.8	35	83211	5001	PAR46	UPPERBEAM	12.8	50
	H5006	PAR36	UPPERBEAM	12.8	35	83212	6014	PAR56	LOWERBEAM	12.8	50
83224	H6024	PAR56	LOWERBEAM	12.8	35		6014	PAR56	UPPERBEAM	12.8	60
	H6024	PAR56	UPPERBEAM	12.8	60	83213	6016	PAR56	LOWERBEAM	12.8	50
83218	HP4651	REC	UPPERBEAM	12.9	50		6016	PAR56	UPPERBEAM	12.8	60
83220	HP4656	REC	LOWERBEAM	12.8	35	83216	6052	REC	LOWERBEAM	12.8	55
	HP4656	REC	UPPERBEAM	12.9	35		6052	REC	UPPERBEAM	12.8	65
83222	HP4666	REC	LOWERBEAM	12.8	45	83247	9004	T-4 $\frac{5}{8}$	LOWERBEAM	12.8	45
	HP4666	REC	UPPERBEAM	12.8	65		9004	T-4 $\frac{5}{8}$	UPPERBEAM	12.8	65
83004	HP6054	REC	LOWERBEAM	12.8	35	83249	9005	T-4	UPPERBEAM	12.8	65
	HP6054	REC	UPPERBEAM	12.8	65	83250	9006	T-4	LOWERBEAM	12.8	55

Non-Automotive Sealed Beam Lamps

NAED	Order Abbrev.	Bulb	Base	Volts	Watts	NAED	Order Abbrev.	Bulb	Base	Volts	Watts
83228	4405	PAR36	2SCR.TER	12.8	30	83007	4416	PAR36	2SCR.TER	12.8	30
83229	4406	PAR36	2SCR.TER	12.8	35	83234	4419	PAR46	2SCR.TER	12.8	35
83005	4411	PAR36	2SCR.TER	12.8	35	83298	4421	PAR46	2SLIP.TER	13.0	100
83230	4412	PAR46	2SCR.TER	12.8	35	83235	4435	PAR46	2SCR.TER	12.8	30
83231	4412A	PAR46	2SCR.TER	12.8	35	83236	4509	PAR36	2SCR.TER	13.0	100
83006	4414	PAR36	2SCR.TER	12.8	18	83237	4510	PAR36	2SCR.TER	6.4	25
83232	4415	PAR36	2SCR.TER	12.8	35	83239	4537	PAR46	2SCR.TER	13.0	100
83233	4415A	PAR36	2SCR.TER	12.8	35	83240	4546	PAR36	2SCR.TER	4.7	—

Aircraft Sealed Beam Lamps

NAED	Order Abbrev.	Bulb	Base	Volts	Watts	NAED	Order Abbrev.	Bulb	Base	Volts	Watts
83244	Q4554	PAR46	2SCR.TER	28.0	450	83297	4557	PAR64	3SCR.TER	28.0	1000
83245	Q4559	PAR64	2SCR.TER	28.0	600		4557	PAR64	3SCR.TER	28.0	400
83246	Q4559X	PAR64	2SCR.TER	28.0	600	83242	4559	PAR64	2SCR.TER	28.0	600
83241	4551	PAR46	2SCR.TER	28.0	250	83243	4570	PAR46	2SCR.TER	28.0	150

For additional technical information refer to the Sylvania Miniature and Sealed Beam Lamp Catalog, Form 207, Sylvania Miniature Lighting, West Main St., Hillsboro, NH 03244 (603) 464-5533.

To request copies, call Toll Free:

In New York State: 1-800-422-3663

Elsewhere: 1-800-525-5545

BASE INDEX

D.C.BAY – D.C. BAYONET

MIN.BAY. – MINIATURE BAYONET

S.C.MID.FL – S.C. MIDGET FLANGED

S.C.MINFL – S.C. MINIATURE FLANGED

SUB.WDG – SUBMINIATURE WEDGE

MIN.SCR – MINIATURE SCREW

S.C.BAY. – S.C. BAYONET

MIN.2-PIN – MINIATURE TWO-PIN

CAN.SCR – CANDELABRA SCREW

WIRETR – WIRE TERMINALS

MID.GRVD – MIDGET GROOVED

2SCR.TER – 2 SCREW TERMINALS

3SCR.TER – 3 SCREW TERMINALS

2SLIP.TER – 2 SLIP ON TERMINALS

MID.SCR – MIDGET SCREW

D.C.PREF – D.C. PREFOCUS

Packaging Quantities

Miniature Lamps – 10 per box, 10 boxes equals 1 standard case unless otherwise noted

Automotive Sealed Beam Lamps

Halogen Headlamps – 6 per case

Other Types packed 12 per case

Non-Automotive Sealed Beam Lamps

Packed 12 per case

Interchangeability Reference Guide

INCANDESCENT LAMPS		
SYLVANIA	GE	PHILIPS
A LINE		
40A17	40A	40A19
40A17/34/SS	40A/34WM	40A-34A/EW
60A17	60A	60A19
60A17/52/SS	60A/52WM	60A-52A/EW
60A17/52/SSXL	60A/52WMP/99	60A-52A/99/EW
75A17	75A	75A19
75A17/67/SS	75A/67WM	75A-57A/EW
75A17/67/SSXL	75A/67WMP/99	75A-67A/99/EW
100A17	100A	100A19
100A17/90/SS	100A/90WM	100A-90A/EW
100A17/90/SSXL	100A/90WMP/99	100A-90A/99/EW
150A/135/SS	150A/135WM	150A-135A/EW
60AW/DLSW	—	—
75AW/DLSW	—	—
100AW/DLSW	—	—
PAR		
75/65PAR/FL/SS	75PAR/FL/65WM	75-65PAR/FL/EP
150/120PAR/FL/SS	150PAR/FL/120WM	150-120PAR/FL/EP
MIDBREAK		
42MB/CAP	—	—
52MB/CAP	—	—
72MB/CAP	—	—
HALOGEN		
60A/HAL	—	—
75A/HAL	—	75BT15/Q/CL
100A/HAL	—	100BT15/Q/CL
CAPSYLITE		
55PAR16/CAP/NFL	—	—
55PAR16/CAP/NSP	—	—
75PAR16/CAP/NFL	—	—
75PAR16/CAP/NSP	—	—
50PAR20/CAP/NSP	50PAR20/NSP/H	50PAR-20/H/NSP9
50PAR20/CAP/NFL	50PAR20/NFL/H	50PAR-20/H/NFL30
50PAR30/CAP/FL	50PAR30/FL/H	50PAR-30/H/FL40
50PAR30/CAP/NFL	50PAR30/NFL/H	50PAR-30/H/NFL30
50PAR30/CAP/NSP	50PAR30/NSP/H	50PAR-30/H/NSP9
50PAR30/LN/CAP/WFL	—	—
75PAR30/CAP/FL	75PAR30/FL/H	75PAR-30/H/FL40
75PAR30/CAP/NSP	75PAR30/NSP/H	75PAR-30/H/NSP9
75PAR30/CAP/NFL	75PAR30/NFL/H	75PAR-30/H/NFL/30

Interchangeability Reference Guide (continued)

INCANDESCENT LAMPS		
SYLVANIA	GE	PHILIPS
CAPSYLITE (continued)		
36PAR36CAP/NSP	—	—
36PAR36CAP/VNSP	—	—
36PAR36CAP/WFL	—	—
45PAR/CAP/FL	45PAR/FL/H	—
45PAR/CAP/NSP	45PAR/NSP/H	—
45PAR/CAP/SP	45PAR/SP/H	—
75PAR/CAP/FL	—	—
75PAR/CAP/SP	—	—
90PAR/CAP/2FL	90PAR2FL/H	—
90PAR/CAP/2SP	90PAR2SP/H	—
90PAR/CAP/FL	90PAR/FL/H	90PAR38/H/FL
90PAR/CAP/NSP	90PAR/NSP/H	—
90PAR/CAP/SP	90PAR/SP/H	90PAR38/H/SP
90PAR/CAP/3FL	—	—
90PAR/CAP/3SP	—	—
150PAR/CAP/FL	—	—
150PAR/CAP/NSP	—	—
150PAR/CAP/SP	—	—
DECOR		
25B10C	BC-25BA9C/3	25CAC
25B10C/T	BC-25B10½/3	25BC
25B10C/ST	—	—
25B10	BC-25BA9½/C	25CAM
25B10/T	—	25BM
25B10/ST	—	—
25F/W	BC-25F15/3W	25FM/W
25F/IC	BC-25F15/3IR	25FM/AU
25F/AIC	BC-25F15/3A	25FM/A
25FC/W	—	—
25FC/IC	BC-25F10C/3	25FC
25FC/AIC	—	—
25F/W/4M	—	—
25F/IC/4M	25F15/4M	—
25F/AIC/4M	—	25FM/A/L
DECOR/SUPERSAVER		
12B10/4M/SS	—	—
12B10C/4M/SS	—	—
20B10/4M/SS	—	—
20B10C/4M/SS	—	—
32B10C/4M/SS	—	—
48B10C/4M/SS	—	—
48B10/4M/SS	—	—

Interchangeability Reference Guide (continued)

HID LAMPS			
SYLVANIA	GE	PHILIPS	ANSI
M70/U/MED	—	MH70/U/M	M98SJ-70
M70/C/U/MED	—	MH70/C/U/M	M98
M70T6/DE	—	MHN-TD70W	M85PX-70
M100T6/DE	—	—	M91TN-100
M100/U/MED	MXR100/BU/BD	MS100/BU/BD/M/3K	M90TW-100
M100/C/U/MED	MXR100/C/BU/BD	MS100/C/BU/BD/M/3K	M90TX-100
M150T7/DE	—	MHN-TD 150W	M81PS-150
M150/U/MED	—	—	M102TW-150
M150/C/U/MED	—	—	M102TX-150
M175/3K/BU-ONLY	—	MH175/3K/BU	M57PF-175
M175/C/U	MVR175/C/U	MH175/C/U	M57PF-175
M175/U	MVR175/U	MH175/U	M57PE-175
M175/U/MED	MVR175/U/MED	MH175/U/M	M57
M175/C/U/MED	MVR175/C/U/MED	MH175/C/U/M	M57
M250/3K/BU-ONLY	—	MH250/3K/BU	M58PH-250
M250/C/U	MVR250/C/U	MH250/C/U	M58PH-250
M250/U	MVR250/U	MH250/U	M58PG-250
M250/U/ET-18	—	—	—
M400/C/U	MVR400/C/U	MH400/C/U	M59PK-400
M400/U	MVR400/U	MH400/U	M59PJ-400
M400/U/BT-28	MVR400/HBD/ED28	MH400/U/ED28	—
M400/C/U/BT-28	MVR400/C/HBD/ED28	—	—
M1000/C/U	MVR1000/C/U	MH1000/C/U	M47PB-1000
M1000/U	MVR1000/U	MH1000/U	M47PA-1000
M1000/U/BT-37	—	—	—
SUPER METALARC			
MS175/3K/HOR	—	—	M57PF-175
MS175/C/HOR	MVR175/C/HOR	MS175/C/HOR	M57PF-175
MS175/HOR	MVR175/HOR	MS175/HOR	M57PE-175
MS250/3K/HOR	—	—	M58PH-250
MS250/C/HOR	MVR250/C/HOR	MS250/C/HOR	M58PH-250
MS250/HOR	MVR250/HOR	MS250/HOR	M58PG-250
MS400/3K/BU-ONLY	—	MS400/3K/BU	M59PK-400
MS400/3K/HOR	—	—	M59PK-400
MS400/BD-ONLY	MVR400/VBD	—	M59PJ-400
MS400BU-ONLY	MVR400/VBU	MS400/BU	M59PJ-400
MS400/C/BU-ONLY	MVR400/C/VBU	MS400/C/BU	M59PK-400
MS400/C/HOR	MVR400/C/HOR	MS400/C/HOR	M59PK-400
MS400/HOR	MVR400/HR	MS400/HOR	M59PJ-400
MS1000/BD ONLY	MVR1000/VBD	MS1000/BD	M47PA-1000
MS1000/BU-ONLY	MVR1000/VBU	MS1000/BU	M47PA-1000
MS1000/C/BU-ONLY	—	MS1000/C/BU	M47PB-1000
MS1000/C/BD-ONLY	—	MS1000/C/BD	M47PB-1000

Interchangeability Reference Guide (continued)

HID LAMPS			
SYLVANIA	GE	PHILIPS	ANSI
METALARC PRO-TECH™			
MP50/U/MED	—	—	M110
MP50/C/U/MED	—	—	M110
MP70PAR38/SP20	—	—	M98
MP70PAR38/FL35	—	—	M98
MP70PAR38/VWFL65	—	—	M98
MP70/C/U/MED	—	—	M98
MP70/U/MED	—	—	M98
MP100/C/U/MED	—	—	M90
MP100/U/MED	—	—	M90
MP100PAR38/U/SP20	—	—	M90
MP100PAR38/U/FL35	—	—	M90
MP100PAR38/U/VWFL65	—	—	M90
MP400/3K/BU/ONLY	—	—	M59
MP400/BU/BD	MPR400/OBU	—	M59
MP400/C/BU/BD	—	—	M59
MP1000/BU ONLY	—	—	M47
MP1000/C/BU-ONLY	—	—	M47
METALARC SAFELINE			
MPT400/BU-ONLY	—	—	M59
MPT400/C/BU-ONLY	—	—	M59
MPT1000/BU-ONLY	—	—	M47
LUMALUX			
LU750	—	—	S111NH-750
LUMALUX-STANDBY			
LU70/SBY	LU70/SBY	C70S62/2	S62
LU100/SBY	LU100/SBY	C100S54/2	S54
LU150/55/SBY	LU150/55/SBY	C150S55/2	S55
LU200/100/SBY	—	—	S66
LU250/SBY	LU250/SBY	C250S50/2	S50VJ-250
LU400/SBY	LU400/SBY	C400S51/2	S51
LU1000/SBY	—	—	S52
UNALUX			
ULX150	LUH150/EZ	C150S63/EL	S63
ULX215	LUH215/EZ	C215S65/EL	S65
ULX360	—	C360S64EL	S64
ULX880	—	—	—

Interchangeability Reference Guide (continued)

FLUORESCENT LAMPS		
SYLVANIA	GE	PHILIPS
COMPACT FLUORESCENT		
F13TT/D835	F13BX/SPX35	—
F5TT/D827	F5BX/SPX27	PL-S 5W/27
F7TT/D827	F7BX/SPX27	PL-S 7W/27
F9TT/D827	F9BX/SPX27	PL-S 9W/27
F9DTT/D827	—	—
F13DTT/D827	F13DBX23T4/SPX27	PL-C 13W/27/USA
F13DTT/D841	—	—
F18DTT/D827	F18DBXT4/SPX27	PL-C 18W/27
F18DTT/D835	F18DBXT4/SPX35	—
F18DTT/D841	—	—
F26DTT/D827	F26DBXT4/SPX27	PL-C 26W/27
F26DTT/D835	F26DBXT4/SPX35	—
F26DTT/D841	—	—
OCTRON/OCTRON CURVALUME		
F017/35K	F17T8/SP35/RS	F17T8/TL835
F017/31K	F17T8/SP30/RS	F17T8/TL830
F017/41K	F17T8/SP41/RS	F17T8/TL841
F025/31K	F25T8/SP30/RS	F25T8/TL830
F025/35K	F25T8/SP35/RS	F25T8/TL835
F032/31K	F32T8/SP30/RS	F32T8/TL830
F032/35K	F32T8/SP35/RS	F32T8/TL835
F032/41K	F32T8/SP41/RS	F32T8/TL841
F040/31K	F40T8/SP30/RS	F40T8/TL830
FB031/31K	—	—
FB031/35K	—	—
FB031/41K	—	—
F40 TYPES (STD, SS, SSP)		
F40D30/SS	F40SP30/RS/WM	F40SPEC30/RS/EW-11
F40/D30/SSP	F40SP30/RS/WMP	—
F40/D35	F40SP35	F40SPEC35
F40/D35/SS	F40SP35/RS/WM	F40SPEC35/RS/EW-11
F40/D35/SSP	F40SP35/RS/WMP	—
F40/D41/SS	F40SP41/RS/WM	F40SPEC41/RS/EW-11
F40/D830	F40SPX30	F40/30U
F40/D830/SS	F40SPX30/RS/WM	F40/30U/RS/EW-11
F40/D835	F40SPX35	F40/35U
F40/D835/SS	F40SPX35/RS/WM	F40/35U/RS/EW-11
F40/D841	F40SPX41	F40/41U
F40/D841/SS	F40SPX41/RS/WM	F40/41U/RS/EW-11
F40/SOFT WHITE/12	F40SW	F40SW
F40/SOFT WHITE/ES/12	—	—

Interchangeability Reference Guide (continued)

FLUORESCENT LAMPS		
SYLVANIA	GE	PHILIPS
6" CURVALUME		
FB40/D30/6	F40SP30/U/6	FB40/SPEC30/6
FB40/D30/SS/6	—	—
FB40/D35/SS/6	—	—
FB40/D35/6	F40SP35/U/6	FB40/SPEC35/6
FB40/D41/SS/6	—	—
FB40/D830/6	F40SPX30/U/6	FB40/30U/6
SLIMLINE		
F96T12/D35	F96T12/SP35	F96T12/SPEC35/EW
F96T12/D35/SS	F96T12/SP35/WM	F96T12/SPEC35/EW
F96T12/D830	F96T12/SPX30	F96T12/30U/EW
HIGH OUTPUT		
F72T12/D830/HO	F72T12/SPX30/HO	F72T12/30U/HO
F72T12/DSGN50/HO	—	F72T12/C50/HO
F96T12/D30/HO/SS	F96T12/SP30/HO/WM	F96T12/SPEC30/HO/EW
F96T12/D35/HO/SS	F96T12/SP35/HO/WM	F96T12/SPEC35/HO/EW
F96T12/D41/HO/SS	F96T12/SP41/HO/WM	F96T12/SPEC41/HO/EW
F96T12/DSGN50/HO	F96T12/C50/HO	F96T12/C50/HO
APPLIANCE		
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
F25T12/CW/28	F25T12/CW/28	—
PREHEAT		
F1518/D30	F15T8/SP30	—
F30T8/D30	—	—
F14T12/D30	—	—
F15T12/D30	—	—
F20T12/D30	F20T12/SP30	F20T12/SPEC30
F20T12/D35	F20T12/SP35	F20T12/SPEC35
OTHER RAPID START		
F30T12/D35/RS	F30T12/SP35/RS	F30T12/SPEC35/RS
F30T12/D830/RS	F30T12/SPX30/RS	F30T12/30U/RS
F30T12/D30/RS	F30T12/SP30	F30T12/SPEC30/RS

Footnotes

INCANDESCENT

1. Indefinite long life. Designed for life in excess of 10,000 hours. In service Life depends upon burning conditions.
2. Average laboratory life is 200 hours for vacuum cleaner and 600 hours for sewing machine services.
3. Lightly inside frosted and side aluminized; M.O.L. exclusive of spring contact.
4. For diesel electric locomotives without voltage regulators.
5. Maximum contact to contact tolerance on RSC Base = $\frac{1}{16}$ ".
6. May not give satisfactory performance if any accessory lighting equipment touches the glass bulb.
7. When calculations are based on bare lamp lumens, do not use this lumen rating.
8. Average laboratory life in excess of 5000 hours.
9. For use only with heat-resisting connector and with bulb supported by bulb rim or metal shell of base.
10. Should not be used in equipment where base temperature will exceed 500°F.
11. High temperature base. Designed to operate in equipment where base temperature runs between 500°F — 570°F.
12. Designed for service other than illumination.
13. $2\frac{3}{4}$ " inch circular window.
14. Burn only in porcelain sockets.
15. Should be shielded against moisture falling on bulb.
16. Not recommended for use in enclosed close-fitting housings.
17. Recommended burning position any within 60° of vertically base up or base down.
18. For use only in fixtures designed specifically for dichroic Reflector Lamps.
19. Burn within 25° of vertical base up.
20. Life dependent on service conditions.
21. Burning position 45° base down to horizontal.
22. Use only in fixtures designed to adequately dissipate heat from Lamp.
23. 3" Circular window.
24. Operation of Lamp in any position other than base up may result in some loss of protective coating.
25. A protective shield should be used external to the lamp.
26. In base up operation, heat may eventually deteriorate paper-lined or plastic sockets.
27. Made in Belgium.
28. Made in Canada.
29. Made in Japan.
30. Made in Korea.
31. Made in England.
32. Assembled in Mexico.
33. Burn only in porcelain or other socket approved for 150 watt PAR lamp.
34. Metal sleeve with approximately 6" flexible uninsulated leads. Leads not included in maximum overall length.
35. High temperature base. Retards seal deterioration where seal temperature exceeds 650°F.
36. For use where seal temperature does not exceed 650°F.
37. Life at rated voltage and at 650°F. maximum seal temperature.
38. Usually limited to intermittent burning.
39. Minimum bulb wall temperature 480°F.
40. Lamp internally fused.
41. $2\frac{1}{2}$ " braided lead w/lug.

42. Metal sleeve w/ $1\frac{1}{4}$ " - $1\frac{1}{2}$ " flexible leads.

Leads not included in M.O.L.

43. Minimum run. Check nearest Sylvania Sales Office for details.
44. This lamp should not be used in a location where water may be splashed on it.
45. Package quantity may change. See your Sylvania lighting representative for details.
46. Retrofit for 75R30/FL.

FLUORESCENT





1. May be operated at 100 watts (1000MA) same as F100T12/CW/HO.
2. Approximate initial lumens after 100 hours burning.
3. Ratings for Sylvania Circline lamps are based on operation in Rapid Start circuits. They will also operate on preheat circuits.
4. For operation on instant start circuits — special Sylcote treatment facilitates operation under all humidity conditions. Use only in fixtures equipped with Instant Start Ballasts.
5. 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.
6. When base pins or R.D.C. bases are horizontal, window opening is centered downward or upward.
7. When base pins or R.D.C. bases are horizontal, window opening is centered to either side.
8. Average life rating at 12 hours burning per start is 18,500 hours.
9. Average life rating at 12 hours burning per start is 18,000 hours.
10. Average life rating at 12 hours burning per start is 28,800 hours.
11. For operation in fixtures designed only for 24", 30 watt, T-12 Fluorescent lamps.
12. 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, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems **unless equipment is specifically listed for use with 25 watt lamps.**
13. 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 **unless equipment is specifically listed for use with 34 watt lamps.**
14. 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/SS in each two lamp circuit.
15. Thrift/Mate TM-33 and TM-50 lamps reduce wattage and light by approximately 33% and 50% respectively when used under specified conditions.
16. 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 **unless equipment is specifically listed for use with 32 watt or 60 watt lamps.**

Footnotes (continued)

FLUORESCENT (continued)

17. 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 **unless equipment is specifically listed for use with 95 watt lamps.**
18. 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 unless equipment is specifically listed for use with 195 watt lamps.
19. Recommended for use on two-lamp high power factor, lead-lag, Pre-heat, 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 in inverter operated emergency lighting systems.
20. Average rated life is measured at 3 hour per start on 2-lamp, rapid start magnetic ballasts per IES recommended practice. Lamp life on single-lamp rapid start ballasts may be reduced.
21. Same as #13 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 occur.
28. Made in Canada.
29. Made in Japan.
30. Made in Korea.
31. Made in England.
32. Assembled in Mexico.

SYMBOLS







-  Rating given at 200MA operation.
-  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.
- Indicates aluminum base
-  Do not insert in household sockets
- ▼ Burn base down
- cp Candlepower
- ▼ Burn base down to horizontal
- ★ Heat resistant hard glass
-  We suggest an energy saving product

FLUORESCENT (continued)

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

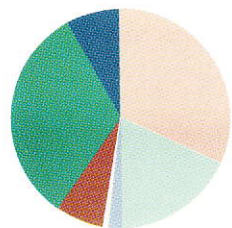
HID

1. Operates at 40 watts on H45 ballast, 50 watts on H46 ballast.
2. Operates at 75 watts on H43 ballast, 100 watts on H44 or H38 ballast.
3. H34 and H36 lamps are not interchangeable.
4. Lamps must be operated within 15° of vertical.
5. Standby feature not guaranteed beyond 24,000 operating hours.
6. For use where glare is a problem.
7. LU150/100 and LU150/55 lamps are not interchangeable.
8. The ULX880 lamp should not be used on any circuit other than 480V H36 mercury reactor.
9. For use where seal temperature does not exceed 350° centigrade.
10. OPERATE IN ENCLOSED FIXTURES ONLY which comply with UL Standard 1572 revised 12/88. Refer to fixture manufacturer data for compliance.
11. Use in equipment where gasket material is protected from all lamp radiation.
12. Check your Sylvania Representative for lamp availability.
13. Operate in open fixture if burned within 15° of vertical.
14. Use with 5000V pulse rated sockets only.
15. Use with 4000V pulse rated sockets only.
16. Lamps must be operated within 15° of horizontal.
17. Jacketed reprographical/photochemical lamp.
18. Unjacketed reprographical/photochemical lamp.
19. Operate lamp only with base horizontal to 15° below horizontal. Do not operate with base above horizontal.

-  PAR lamps are suitable for indoor and outdoor use
-  Not recommended for horizontal burning
-  Do not burn in paper lined sockets
- † Field angle. 10% of maximum candlepower
- < Beam angle. 50% of maximum candlepower
-  Burn base up in porcelain sockets
-  Burn any position
- Burn horizontal
- New item
-  See your Sylvania Lighting Representative for product availability. Product to be discontinued when inventory is depleted.

Notes

Lighting and the Environment

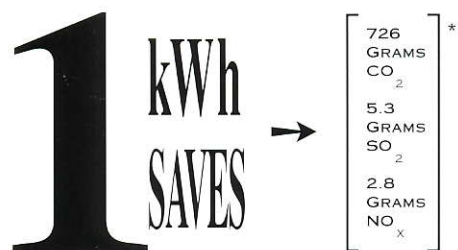


PERCENTAGE OF TOTAL KILOWATT HOURS USED IN COMMERCIAL BUILDINGS

- Elevators, Fans, etc. 8%
- Motors 32%
- Other 7%
- Domestic Hot Water 1%
- Refrigeration 2%
- Cooling 18%
- Lighting 32%

Lighting and Energy Use

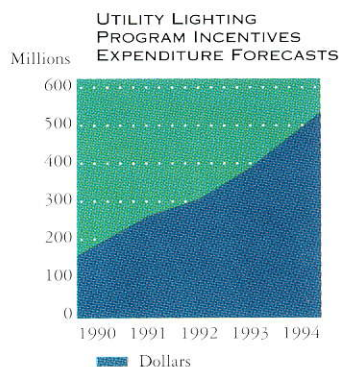
Lighting accounts for 20 to 25 percent of all electricity consumed annually in the United States. By reducing your electricity usage, you save money while decreasing the country's dependence on fossil-fuel fired electrical plants.



Lighting and the Environment

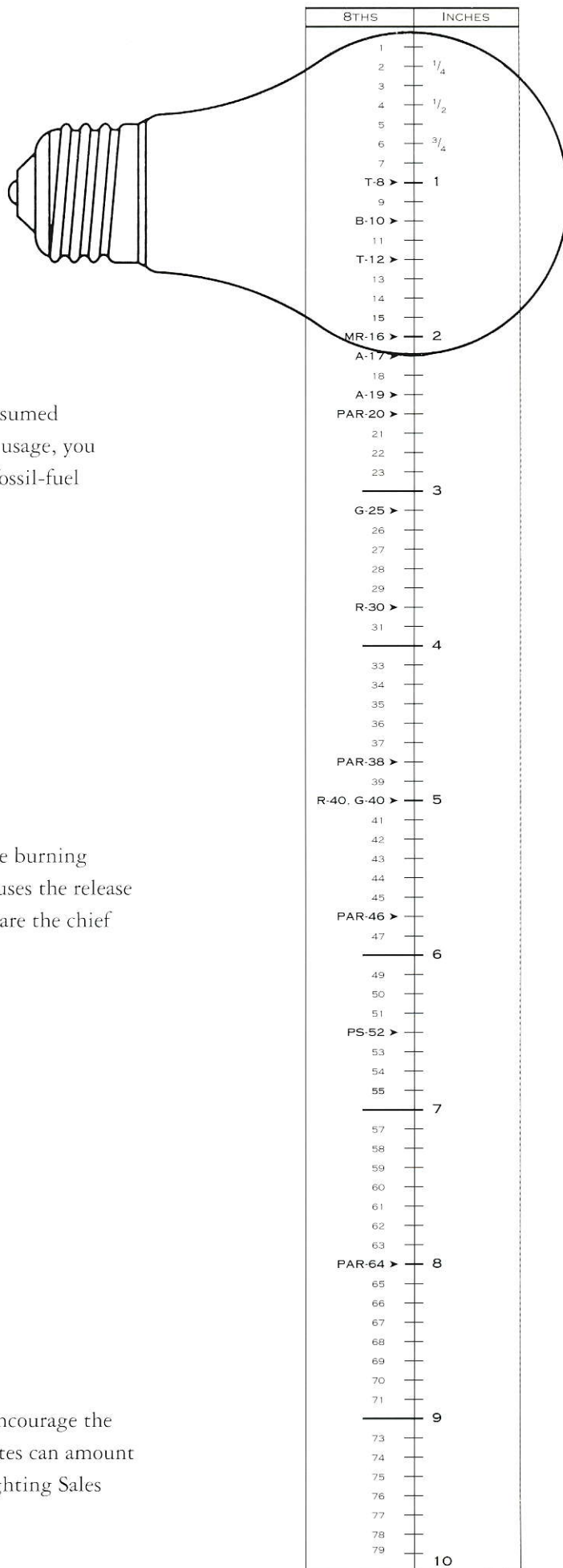
The use of electricity to power lighting systems requires the burning of fossil fuels in many of our nation's power plants. This causes the release of sulfur dioxide, nitrous oxide, and carbon dioxide, which are the chief components of acid rain, smog, and global warming.

* Air pollution emissions saved based on U.S. Average



Utility Incentive Programs

Many utilities now offer financial incentives or rebates to encourage the purchase and installation of energy efficient lighting. Rebates can amount to 100 percent the cost of upgrading. See your Sylvania Lighting Sales representative for details.



Sylvania Lamp Sales Offices

To obtain sales and technical information

Location		Zip Code
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