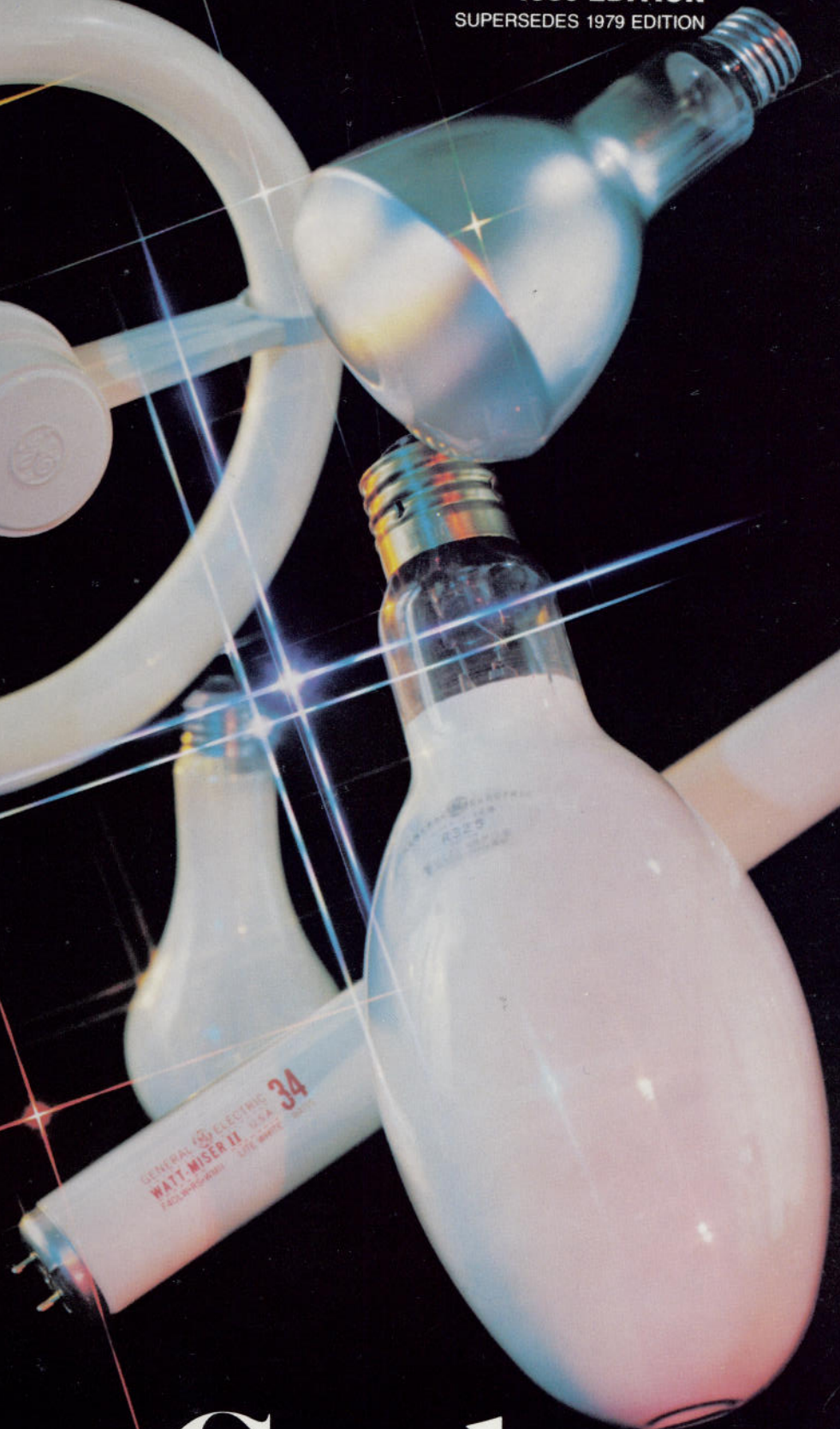
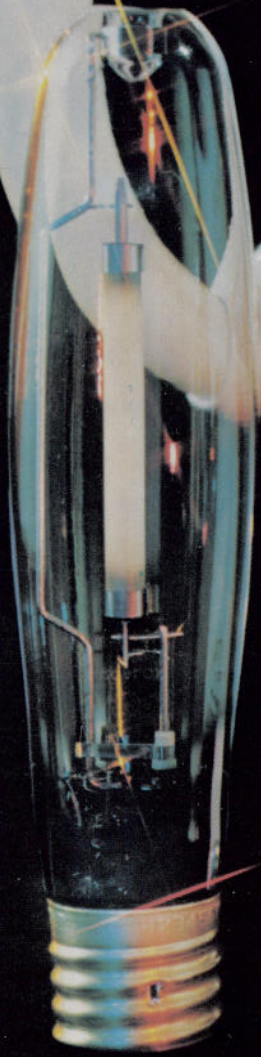


FORM **9200**  
**1980 EDITION**  
SUPERSEDES 1979 EDITION



# Lamp Catalog



# Table of Contents — General Electric Lamps

Including energy-saving Watt-Miser®, Watt-Miser® II and Circline™ fluorescent lamps; Lucalox® high pressure sodium lamps; Multi-Vapor® and Watt-Miser® Multi-Vapor® metal halide lamps; ER elliptical reflector, R20 and Watt-Miser® incandescent lamps.

See pages 5-9 of this Catalog for information on how you can save significant lighting energy dollars — and maintain light levels for good productivity — by replacing less-efficient lamps with those listed above.

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## For listings and data on General Electric:

Photo Lamps — Ask for GE Publication #204-8279R  
 Miniature & Subminiature Lamps — Ask for GE Publication #208-9165  
 Stage/Studio Lamps — Ask for Publication #205-9090  
 Ballasts — Ask for GE Publication BL-7200



# Lighting Energy Cost Savings For You . . . From GE

Now into its Second Century of lighting technology and leadership, General Electric continues to develop innovative, high quality, energy-saving products that serve the light and productivity needs of today's lamp users.

## Watt-Miser® and Watt-Miser® II Fluorescents

These reduced-wattage lamps directly replace standard fluorescent lamps and give you and all users substantial operating cost savings, as much as 20%. With Watt-Miser or Watt-Miser II Power Groove, for example, you can save as much as \$27.00\* per lamp over the life of the lamp. Reduced-wattage Watt-Miser II fluorescents produce virtually the same amount of light as standard lamps, so you don't have to sacrifice light needed for productivity in order to save energy costs.

## Circlite™

Using the 44-watt Circlite lamp in place of a 100-watt incandescent can reduce lighting energy costs by more than half . . . with equal light provided. The GE Circlite fluorescent has an average rated life 10 times that of a standard incandescent.

## ER

When used to replace reflector floods and standard incandescent lamps in many fixtures, ER (elliptical reflector) lamps from General Electric can cut downlighting energy costs by 20% to 60%. Fixture efficiency, the amount of usable light delivered per watt, is doubled in most deeply recessed downlights.

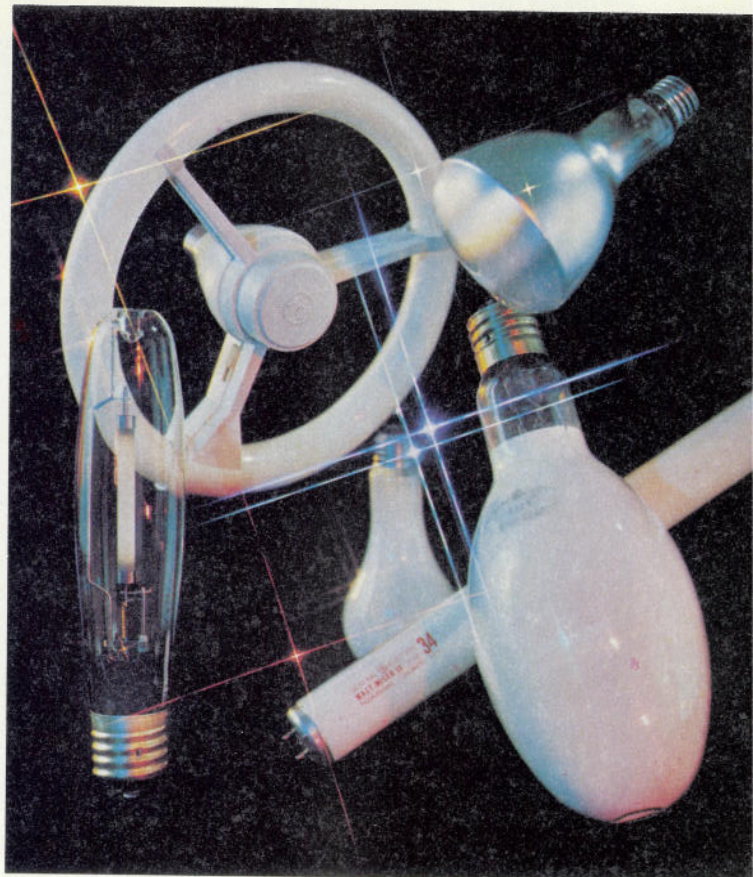
## Lucalox®

Highly cost-effective Lucalox high pressure sodium lamps are another example of General Electric leadership in light. Compared to mercury lamps, the high efficiency performance of Lucalox lamps represents savings to users of hundreds of millions of energy dollars since they were introduced by GE.

## Watt-Miser® I-line Multi-Vapor®

This new, energy-efficient 325-watt lamp from GE can lower lighting energy costs by as much as 15%. And the Watt-Miser I-line Multi-Vapor lamp provides up to 42% more mean lumens during its rated life, compared to the typical 400-watt mercury lamp it replaces.

\*Based on 4.5¢/KWH for Watt-Miser or Watt-Miser II Power Groove (1500ma) over the 15,000 hour average rated life at 12 hours/start.





# Lighting Energy Cost Savings For You . . . From GE

You need to know about efficient lighting alternatives — and how to select the best light source to fit your particular application. These important needs are satisfied by General Electric in many ways.



## Lighting Institute

The world famous "University of Light" at Nela Park is the scene of valuable seminars on lighting education for commercial and industrial lamp users, electrical distributor, contractor and public utility personnel. The Lighting Institute is equipped with the latest demonstration and display methods for telling the lighting energy savings story.

## We Bring Good Things to Life

and lighting energy cost-saving information to your door. Specially equipped vehicles from GE will come to your location, at your convenience. A fast-paced audio-visual program combined with live presentations will clearly and concisely provide information to help you decide on the most efficient way to light your business. Using an on-board computer terminal, a cost analysis of your present lighting system and reports on more efficient alternatives can be quickly produced for your benefit.

## Helpmate

GE lamp representatives give you on-the-spot access to the Helpmate programmable calculator — another easy way to get the lighting information you need. Annual energy savings, dollar savings, payback period and light level comparisons can be provided.

## Sales Representatives

Even using the latest electronic equipment, informative literature and physical facilities, it takes knowledgeable people to make it all happen. That's why the General Electric Lighting Business Group makes available to you highly trained, professional sales representatives. They will answer your questions and help you determine the type of lighting that will fit your application on the most cost-effective, productive basis.

## Literature Aids







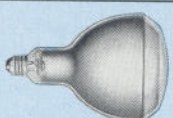





General Electric maintains a comprehensive library of publications covering major light sources and their application. When you have questions, these literature aids in combination with professional assistance from your GE lamp sales representative, will help you find the right answers.



# Lighting Energy Cost Savings For You . . . From GE



## Incandescent — ER (Ellipsoidal Reflector) and R20 Reflector Lamps

Reduce your lighting energy costs by 20% to 60% by changing your standard or Reflector incandescent bulbs to ER lamps from GE. Get equal or higher overall light levels in deeply recessed downlight fixtures. Where the 30R20 lamp can be used, you could realize savings of up to 70%.

TO SAVE ENERGY USE THIS LAMP	INSTEAD OF	LIGHT LEVEL WILL BE	WATTS SAVED PER LAMP	ENERGY \$ SAVINGS PER LAMP*
50ER30 	75R30/FL 	Same or more	25	\$ 2.25
	150A** 	Same or more	100	\$ 9.00
75ER30 	150R/FL 	Same or more	75	\$ 6.75
	200A** 	Same or more	125	\$11.25
120ER40 	150R/FL 	Double or more	30	\$ 2.70
	300R/FL 	Same or more	180	\$16.20
30R20 	75A** 	More	45	\$ 4.04
	100A** 	Same	70	\$ 6.30


## Quartzline® PAR38 Lamps

Another energy-saving retrofit possibility for incandescent downlights.

Q250PAR38/FL 	300R/FL 	Same or more	50	\$13.50
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## Watt-Miser® Incandescent

These reduced wattage lamps, using krypton fill gas for higher efficiency, provide energy-saving replacements for general service and Extended Service A-line lamps. Shown below are the energy savings that result from replacing Extended Service lamps with Watt-Miser incandescent lamps (both are 2500 hour lamps).

	TO SAVE ENERGY USE THIS LAMP	INSTEAD OF	ENERGY \$ SAVINGS PER LAMP*
	34A/WM (34 watts)	40A/99	\$ .68
	52A/WM (52 watts)	60A/99	\$ .90
	67A/WM (67 watts)	75A/99	\$ .90
	90A/WM (90 watts)	100A/99	\$1.12

\*Based on 4.5¢/KWH energy rate over average rated life of lamps used. (Energy \$ saved = watts saved/1000 × rated life × \$0.045)

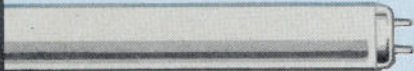
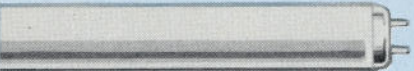
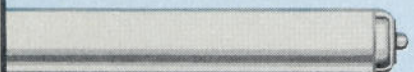
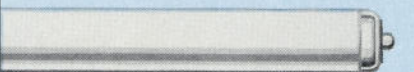
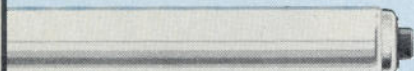
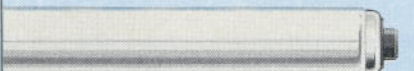



\*\*In a deep downlight that has no reflector.



# Lighting Energy Cost Savings For You . . . From GE

## Fluorescent

Cut your lighting energy costs by 14% to 20% immediately by replacing<sup>1</sup> your standard fluorescent lamps with reduced wattage Watt-Miser II Lite White lamps by General Electric. In addition to Watt-Miser II lamps, regular Watt-Miser fluorescents are available for applications requiring standard and deluxe colors. You get the same energy savings, but somewhat less light output compared to Watt-Miser II Lite White tubes.

USE THESE ENERGY-SAVING WATT-MISER II LAMPS	INSTEAD OF THESE STANDARD FLUORESCENTS	WATTS SAVED PER LAMP <sup>2</sup>	ENERGY \$ SAVINGS PER LAMP OVER LAMP LIFE <sup>3</sup>
4 Foot Rapid Start  F40LW/RS/WM II	 F40CW	7	\$ 6.30
8 Foot Slimline  F96T12/LW/WM II	 F96T12/CW	15	\$12.15
8 Foot High Output-800mA  F96T12/LW/HO/WM II	 F96T12/CW/HO	20	\$16.20
8 Foot 1500mA  F96PG17/LW/WM II	 F96PG17/CW	40	\$27.00
	 F96T12/CW/1500	25	\$16.88

See Page 78 of this catalog for a complete listing of other sizes and colors in the Watt-Miser and Watt-Miser II lamp lines.

<sup>1</sup>See Watt-Miser Lamp Application Recommendations on Page 98.

<sup>2</sup>Watt savings per lamp based on typical 2-lamp open fixtures using standard 120 volt (See Footnote 1 above) ballasts.

<sup>3</sup>Based on a 4.5¢/KWH energy rate over the average rated life of lamp, at 12 hours/start.



# Lighting Energy Cost Savings For You . . . From GE

## Maxi-Miser™ II Systems

Exclusive Maxi-Miser II Systems (Watt-Miser II lamps and Maxi-Miser II ballasts) can reduce your lighting energy costs by as much as 21% — while giving you the light needed for good productivity. GE offers a specially designed system of energy-saving lamps and high performance, energy-saving ballasts for F40, F96 Slimline and F96 High Output lighting applications.

Low wattage loss Maxi-Miser II ballasts operate cooler than standard fluorescent ballasts, giving you longer ballast life. And there is an exclusive three year warranty. The warranty term is three years from date of manufacture.

Using Watt-Miser II lamps and Maxi-Miser II ballasts offers flexibility in specifications and maintenance — since each is also UL listed for use with other standard or energy-saving lamps and ballasts.



## Maxi-Miser™ II System Performance vs. Standard Systems—Fixture Data\*

SYSTEM	RELATIVE LIGHT OUTPUT	FIXTURE INPUT WATTS	WATTS SAVED	EFFICIENCY LUMEN OUTPUT PER WATT (LPW)	EFFICIENCY INCREASE	RELATIVE COST-OF-LIGHT
F40 Rapid Start Standard System vs. Maxi-Miser II System	100 104	176 148	16%	59 73	24%	\$1.00 .90
F96 Slimline Standard System vs. Maxi-Miser II System	100 100	172 136	21%	69 86	25%	1.00 .90
F96 High Output Standard System vs. Maxi-Miser II System	100 99.4	253 211	17%	70 84	19%	1.00 .92

\*Data based on fixture tests conducted with center rated products at 77°F room ambient. F40—4 lamp recessed troffers; Slimline—2 lamp strips; High Output—2 lamp industrial fixtures.

## Maxi-Miser™ II Systems—Specifications and Data

Lamp . . . Watt-Miser II		Ballast . . . Maxi-Miser II					GENERAL DATA
ORDERING CODE	CATALOG NUMBER	NUMBER OF LAMPS	LINE VOLTAGE	LINE CURRENT <sup>o</sup>	INPUT WATTS <sup>▲</sup>	SOUND RATING	
F40LW/RS/WM	8G1028W	2	120	.65	78	A	UL Listed — Yes** Performance — ETL Certified*** Protection — Bonus Line Class P Capacitor — Non PCB Protected Power Factor — above 90% Frequency — 60 Hertz Min. Starting Temperature: Standard Lamps, 50°F Energy Saving Lamps, 60°F
	8G1078W	1	120	.38	46	A	
	8G1038W	2	277	.29	79	A	
	8G1088W	1	277	.17	48	A	
F96T12LW/WM	8G1008W	2	120	1.2	136	C	
	8G1018W	2	277	.51	135	C	
F96T12LW/HO/WM	8G1148W	2	120	1.73	212	B	
	8G1158W	2	277	.75	213	B	

<sup>o</sup> With energy-saving lamps.

<sup>▲</sup> Per American National Standard C82.2.

\*\*Maxi-Miser II is UL listed for use with standard or energy-saving lamps. See label.

\*\*\*ETL Certification of performance with Watt-Miser II lamps in accordance with ETL Procedure B20.2, with test methods per American National Standard C82.2.







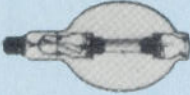


# Lighting Energy Cost Savings For You . . . From GE

## Retrofit Lamps for High Intensity Discharge Mercury or Metal Halide Systems

### GE I-line Multi-Vapor® Lamps





GE I-line Multi-Vapor® Lamps can directly replace your old mercury lamps on most mercury ballasts and provide much more light — both initially and throughout life. And in most cases, you receive substantial savings in energy costs.

With no investment in new fixtures, ballasts or wiring, you'll get much higher lighting levels and lower cost-per-footcandle. You can SAVE ENERGY and REDUCE OPERATING COSTS at the same time.

USE THIS LAMP	INSTEAD OF	AVERAGE MAINTAINED LIGHT LEVEL WILL BE*	APPROXIMATE WATTS SAVED PER SOCKET**	APPROXIMATE ENERGY \$ SAVINGS*** PER LAMP
 325-watt Watt-Miser I-line Multi-Vapor	 400-watt Mercury (CW/CWA Regulator Ballasts)	at least 38% higher	70	\$47.25
 400-watt I-line PLUS Multi-Vapor	 400-watt Mercury (CW/CWA Regulator Ballasts)	at least 53% higher	—	far fewer fixtures required for same light
 1000-watt I-line PLUS Multi-Vapor	 1000-watt Mercury (CW/CWA Regulator Ballasts)	at least 106% higher (more than double)	85	\$38.25
	 1000-watt Mercury (lag or reactor ballasts)	at least 114% higher	35	\$15.75

### GE High-Output Multi-Vapor® Lamps

GE High-Output Multi-Vapor Lamps can replace your present standard type 400W metal halide lamps on metal halide (M-59) ballasts. Get substantially more light — (lower cost-per-footcandle) — in your present installation.





USE THIS LAMP	INSTEAD OF	LIGHT LEVEL WILL BE*	WATTS SAVED PER SOCKET	ENERGY SAVINGS PER LAMP
 MVR400/VBU	 MVR400/U	17% higher	—	15% fewer fixtures required for same light
 MVR400/C/VBU	 MVR400/C/U			



# Lighting Energy Cost Savings For You . . . From GE





## New GE Multi-Vapor® II High Performance Metal Halide Lamps

In existing 175W metal halide installations, you can get more light, much longer life and color appearance close to incandescent lighting by switching to GE's new generation of metal halide lamps.

USE THIS LAMP	INSTEAD OF	LIGHT LEVEL WILL BE*	WATTS SAVED PER SOCKET	ENERGY SAVINGS PER LAMP
MXR175/BU or /BD 	MVR175/U 	21% higher	—	Fewer fixtures required for same light
MXR175/C/BU or /BD 	MVR175/C/U 	28% higher		

## General Electric E-Z Lux Lucalox® Lamps

GE E-Z Lux® Lucalox Lamps — can replace your present low-wattage mercury lamps on many types of mercury ballasts. You get much more light while saving on energy costs.

USE THIS LAMP	INSTEAD OF	LIGHT LEVEL WILL BE*	WATTS SAVED PER SOCKET**	ENERGY \$ SAVINGS*** PER LAMP
150-watt E-Z Lux 	175-watt Mercury 	at least 35% higher	40	\$21.60
215-watt E-Z Lux 	250-watt Mercury 	at least 65% higher	65	\$35.10

\*Based on mean lumen output of vertically operated lamps throughout their respective average rated lives.

\*\*Based on average watts consumed by lamp and ballast throughout lamp life in typical installations.

\*\*\*Based on watts saved per socket over the average rated life of the lamp used, with an energy rate of 4.5¢ per KWH.  
(Energy \$ saved = watts saved × rated life × \$0.045)

1000

GE Lamp Representatives, using the portable HELPMATE programmable calculator, can give you a detailed on-the-spot analysis of your savings in energy costs and in total cost-of-light with GE retrofit H.I.D. lamps.

Contact your nearest GE Lamp Sales District Office or call toll-free, 800-321-7170 (in Ohio dial 800-362-2750) and specify the type of lighting information or assistance you need.



# You Can Rely On General Electric For Top Performing Lighting Products

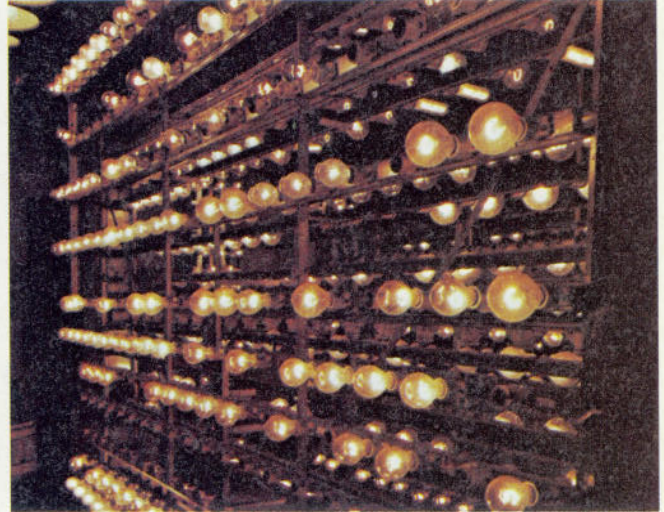
The continuing role of General Electric as the lamp industry leader in product innovation and performance results from a high level of research, manufacturing and quality control activities. Programs which go the added steps necessary to mass produce a reliable, relatively inexpensive product.

Lamp performance is a key in determining the value you receive in return for what you spend on energy and the maintenance of your lighting system. That's why we believe the extra measures taken to produce General Electric lamps are absolutely essential.

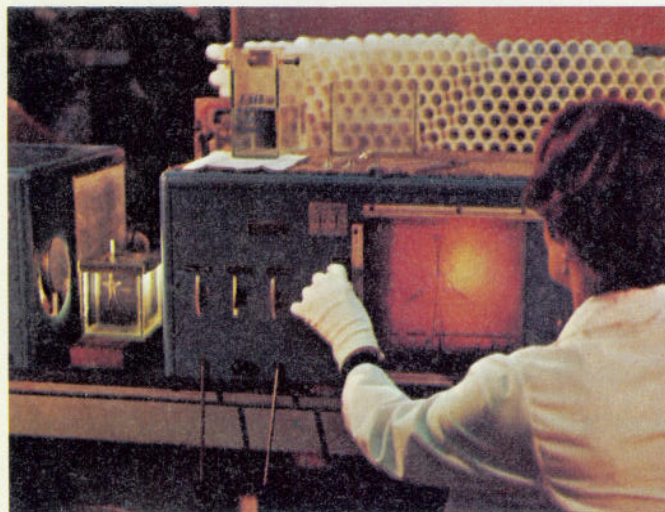
A few examples of how far General Electric goes to assure you of high quality lamps are shown below:



Phosphor coating uniformity is very important to fluorescent tube performance and is closely monitored during the manufacturing process.



Special racks light thousands of incandescent bulbs while they undergo rigorous around-the-clock tests.



Optical comparator magnifies image of lamp cathode assembly during on-line quality control check.



Light output is measured precisely by spherical photometer in GE lab.



## GENERAL ELECTRIC LAMPS

### FOREWORD

**LAMPS LISTED IN THIS CATALOG** are sequenced in four product groups—Incandescent, Quartz, High Intensity Discharge and Fluorescent Lamps. Incandescent and Quartz Lamps are listed in order of wattage, bulb size, base and voltage. High Intensity Discharge and Fluorescent Lamps are listed by operating characteristics such as wattage, bulb size or lamp length, and base. Within each product group, lamps are further sequenced by “popularity” (high volume-high demand) and, in general, follow in identical order the lamp listings in various Price Schedules.

**LAMP ORDERING ABBREVIATIONS** are shown in the “Lamp Ordering Code” columns, along with packaging variations (48PK, CARDED, etc.). When ordering, to obtain the exact lamp you require, please indicate the complete Lamp Ordering Code as shown, and the voltage desired, if any.

**LAMP PERFORMANCE RATINGS** for average rated life and approximate light output in lumens are listed together with other lamp data within this Catalog.

**ENERGY SAVING GE LAMPS**—Incandescent, Multi-Vapor, Lucalox and WATT-MISER fluorescent lamps are shown as energy saving alternatives to lamps in lighting installations you might now be using on pages 5-9 in this Catalog. We suggest that you carefully evaluate their advantages in this section.

**LAMP PRICE INFORMATION** is available from various GE Lamp Price Schedules.

**FOR MORE INFORMATION** consult your supplier of GE lamps or the nearest GE Lamp Sales or Distribution Center Office shown on the back cover.

### GENERAL INFORMATION

#### VOLTAGE SPECIFICATIONS

Lamps listed in this catalog are available only in the voltage (s) shown. When ordering, the voltage should be specified together with the “Lamp Ordering Code.”

##### Range Voltages

Lamps listed in range voltages (e.g. 115-125, 230-250) are available only in the range voltage indicated. When a hyphen connects the voltage limits as in “230-250”, the lamp is intended for use on circuits varying within the voltage limits. The lamp is designed for a voltage suitable for operation on such circuits.

##### Design Voltages

Lamps intended for operation in range voltages have design voltages as follows, unless otherwise noted:

Range Voltage shown:	115-125	230-250
Design Voltage is:	120	240

#### SYMBOLS

When no symbol appears in the “Base” column, the lamp type is offered only with an aluminum base.

The symbol “▲” in the “Base” column indicates the lamp type is supplied only with a brass base.

The symbol “■” in the “Base” column indicates the lamp type is supplied only with a nickel-plated brass base.

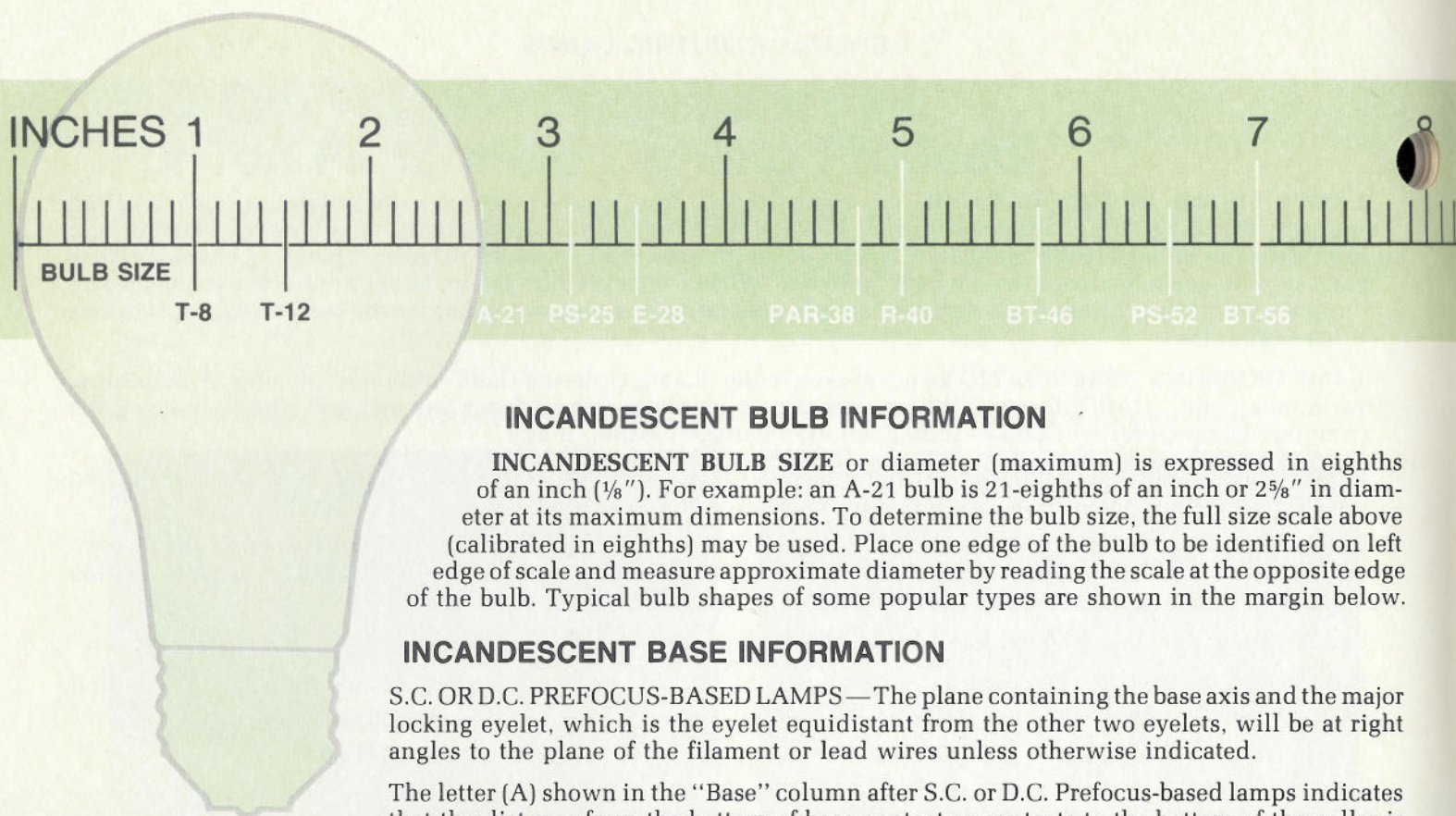
The above information is applicable to all candelabra screw, intermediate screw, medium screw and mogul screw bases.

The symbol “★” in the “Bulb” column indicates that the lamp has a special glass bulb—heat-resistant.

The symbol “□” (see “Description” column in Quartzline® Tungsten Halogen Lamp sections) indicates that, on “non-jacketed” lamps, screening techniques should be used where appropriate to protect people and surroundings in case of shattering.

The symbol “✱” indicates that while the lamp is of the highest quality in material and workmanship, it has been designed to meet certain purchaser requirements which preclude a guarantee of performance.





## INCANDESCENT BULB INFORMATION

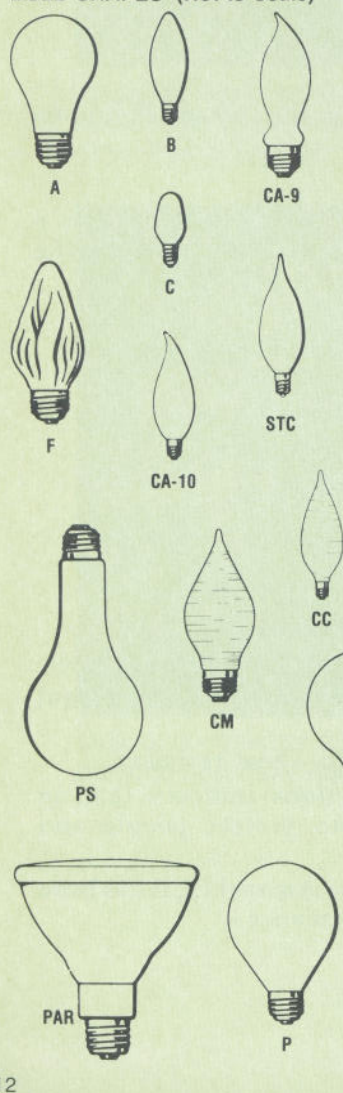
**INCANDESCENT BULB SIZE** or diameter (maximum) is expressed in eighths of an inch ( $\frac{1}{8}$ " ). For example: an A-21 bulb is 21-eighths of an inch or  $2\frac{5}{8}$ " in diameter at its maximum dimensions. To determine the bulb size, the full size scale above (calibrated in eighths) may be used. Place one edge of the bulb to be identified on left edge of scale and measure approximate diameter by reading the scale at the opposite edge of the bulb. Typical bulb shapes of some popular types are shown in the margin below.

## INCANDESCENT BASE INFORMATION

**S.C. OR D.C. PREFOCUS-BASED LAMPS**—The plane containing the base axis and the major locking eyelet, which is the eyelet equidistant from the other two eyelets, will be at right angles to the plane of the filament or lead wires unless otherwise indicated.

The letter (A) shown in the "Base" column after S.C. or D.C. Prefocus-based lamps indicates that the distance from the bottom of base contact or contacts to the bottom of the collar is .406". In the case of D.C. Prefocus-based lamps, the letter (A) also indicates that the plane containing the base axis and contacts is at right angles to the plane containing the base axis and the major locking eyelet.

BULB SHAPES (Not to Scale)



## FILAMENT DESIGNATIONS

The configuration of the filament in all tungsten filament lamps is referred to by an identification made up of a prefix letter and a suffix number. The prefix letter indicates whether the filament wire is straight or coiled, and the suffix number indicates the form or arrangement of the filament on the supports. The number of supports and the exact details of the supporting structure shown for the filament shapes in the border on page 13 will vary among various lamps.

### Prefix Letters

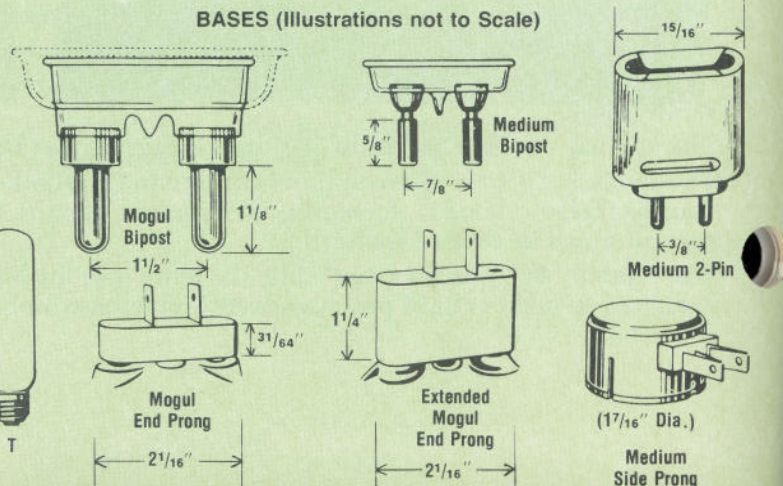
**S**—Straight. The wire may be straight or slightly corrugated.

**C**—Coiled. The wire may be wound into a helical coil or it may be deeply fluted, the object being to drape a long length of wire into a small space.

**CC**—Coiled Coil. The wire is wound into a helical coil and this coiled wire again wound into a helical coil.

**R**—Ribbon. The wire is flat in cross section. "SR" and "CR" describe ribbon filaments which are straight or crimped.

BASES (Illustrations not to Scale)





## TECHNICAL NOTES

The following information is intended to provide detailed explanation of various references and statements used in column headings and the "Description" column throughout the catalog.

### Average Rated Life

Average rated life is the approximate hours life obtained from specified operating conditions. A variance from these life figures may be obtained if lamps are operated at other than specified conditions.

### Maximum Over-all Length (M.O.L.)

Maximum over-all length is the longest over-all length of a lamp including base, bulb and other rigid parts, except as noted. For wire terminal lamps, the maximum over-all length shown is the maximum length of glass parts, and the lead dimension shown is the length extending beyond the glass parts.

### Light Center Length (L.C.L.)

Light center length (L.C.L.) is the distance from the center of the light source to the plane containing the points indicated below for the base used. It is an average measurement to which the lamp is designed and is subject to the manufacturer's tolerances.

### LIGHT CENTER LENGTH MEASUREMENT GUIDE

Base Type	LCL Reference	Base Type	LCL Reference
All Screw Bases	Bottom base contact	S.C. or D.C.	
Mini-Can	Intersection of 45° taper with max. diam. of base	Bayonet Candelabra	Top of base pins
3-Contact Medium or Mogul	Bottom base contact	Medium Bayonet	Top of base pins
Medium Prefocus	Top of fins	S.C. or D.C. Prefocus	Plane of locating bosses on prefocus collar
Mogul Prefocus	Top of base fins	D.C. Medium Ring	Plane of locating bosses on prefocus collar
Medium Bipost	Bottom of bulb (base end)	Indexing Ring	Top of indexing ring
Mogul Bipost	Shoulder of posts	Prong	Nut, washer, or shoulder of base prong
2-Pin Prefocus	Bottom of base	Medium 2-Pin	First ceramic plane immediately below metal base.

### Color Temperature

Color temperatures expressed in this catalog should be considered as approximate mean Kelvin color temperature ratings.

### Listed Colored Incandescent Lamps

All listed colored Incandescent lamps are outside enameled unless specifically indicated otherwise in "Description" column.

### Light Source Dimensions (W x H)

Light source dimensions (generally "Source W x H") are given for many clear bulb lamps with filament forms commonly associated with relatively precise optical control elements. "Source W x H" refers to the average Width and Height of the useful projected area of the filament.

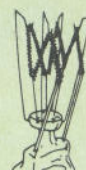
### Axial Alignment (AA)

Axial alignment (AA) refers to the precision with which the center of the light source is located in relation to the base axis and is subject to the manufacturer's tolerances.

### TYPICAL FILAMENTS (Illustrations not to Scale)



C-2V  
CC-2V



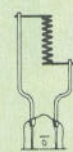
C-5



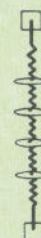
C-6  
CC-6



C-7A



C-8  
CC-8



C-8  
(Quartz)

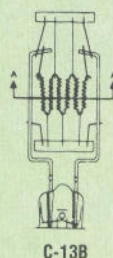


C-9



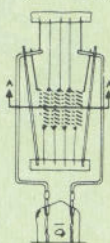
C-11

SECTION A-A  
(TOP VIEW)



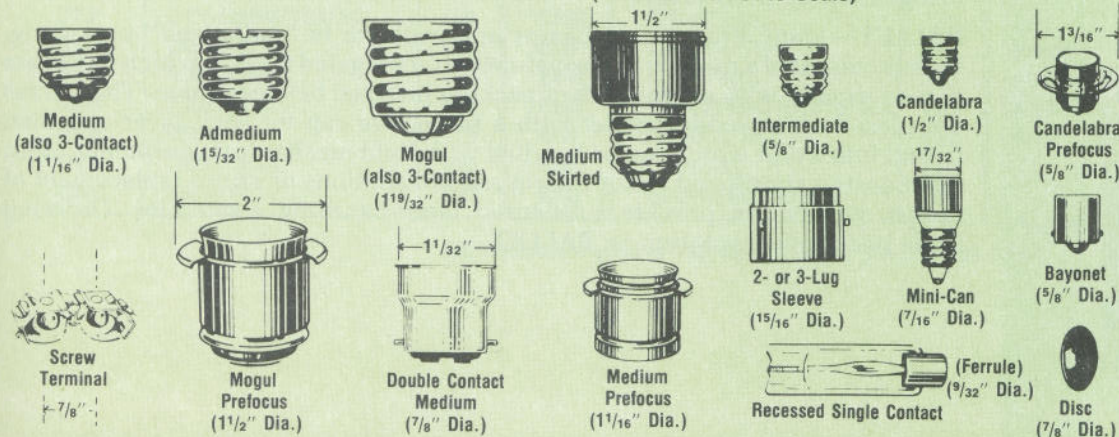
C-13B

SECTION A-A  
(TOP VIEW)



C-13D

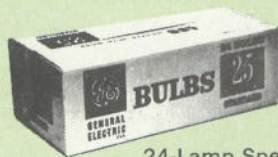
### BASES and NOMINAL DIMENSIONS (Illustrations not to Scale)





## GENERAL ELECTRIC LAMP PACKAGING GUIDE

Standard Package  
(Fluorescent)



24-Lamp Specialty Pack



Carton



Wrapper  
or Sleeve



Carded  
(Blister  
package)



12-Lamp  
Tray Pack



Work Saver  
Sign Lamp  
Pack



Pallet

**WORK SAVER PACKAGING**—General Electric has a full line of WORK SAVER packaging which saves dollars for you through ease of handling, stocking, lamp type identification, opening, and by making available the quantity of lamps best suited to your requirements. See the following packaging guide to determine what WORK SAVER packaging is best for you.

The following GE packaging definitions are used in both the "Lamp Ordering Code" and "Description" columns throughout this catalog. This guide serves as an illustrative reference to these packaging definitions.

**STANDARD PACKAGE**—An outer container which is suitable for shipment by common carrier or other ordinary methods, either as a self-contained unit or multiples of units or cases bundled to form a shippable unit. Standard Package Quantities are shown throughout this catalog in the "Standard Package Quantity" column.

**SPECIALTY PACK**—Many lamp types are available in specialty packs which are reshippable cases containing in most instances less than the standard package quantity. Specialty packs are made available as a shipping and handling convenience.

GE Lamp types available in Specialty Packs are listed as separate line listings in this catalog, and when ordering "Specialty Packs", the "PK" identification indicated in the "Lamp Ordering Code" column of this schedule must be shown. The numerical prefix shown is part of the lamp ordering code and designates the quantity of lamps contained in the "Specialty Pack".

**PRICE MARKED**—Lamps listed as "Price Marked" are available price marked in either specialty packages or outer containers of standard package quantity size. Each lamp type available in "price marked" packaging is listed separately in this catalog. When ordering "price marked" types, the initials "PM" should follow the Lamp Ordering Code as shown in the "Lamp Ordering Code" column.

**CARTON**—An enclosed or semi-enclosed container constructed of semi-rigid material, but not suitable for shipment by common carrier. In most cases, a carton will contain several lamps. In the case of PAR, RS Sunlamps, 3-Way and certain Reflector Heat lamps, only one lamp is contained in a carton.

**WRAPPER or SLEEVE**—A package usually enclosing one lamp. This package is usually constructed of single-faced corrugated paper and is the minimum packaging unit for lamps. In some cases the wrapper is die-cut to accommodate more than one lamp.

**CARDED, (BLISTER PACKAGE)**—Lamps are enclosed in a preformed pocket of film, heat sealed to a card. Ordering Code package designation is: **CARDED**.

**12-LAMP TRAY PACK**—Multiple quantities of lamps are fitted to a one-piece molded tray of plastic or pulp fibre material so that bare lamps can be easily removed without having to dispose of individual package materials. Also allows storage of balance of unused lamps. Ordering Code package designation is: **TRAY**.

**WORK SAVER SIGN LAMP PACK**—Certain 11S14 Sign lamps may be ordered in a 120-lamp case containing 2—60-lamp bags. Ordering Code package designation is: **BAG PACK**.

**PALLET**—Many Fluorescent Lamps are available in "palletized" packaging. Pallets consist of a number of special-design corrugated trays in which lamps are placed usually with a minimum of packing material between them. These trays are placed on a wooden pallet with a protective cap for each layer and then bound into a unit which can be handled with light mechanical equipment. With labor costs a significant factor in original installations or group replacement of lamps, pallets can provide substantial lamp-handling economies. Ordering Code package designation is: **PALLET**.



# ANSI CODE REFERENCE GUIDE

## For ANSI-Coded Incandescent and Quartzline Lamps

Many General Electric Incandescent and Quartzline lamps, principally used in stage lighting, television, motion picture production and optical devices are identified by a "three-letter" ANSI (American National Standards Institute) Code. Ultimate purchasers of these lamps frequently order their requirements by the ANSI Code rather than the manufacturer's Lamp Ordering Code.

The following table will serve as a cross reference, in alphabetical order, between ANSI-coded Incandescent and Quartzline lamps and their respective GE Lamp Ordering Codes.

To ensure fast and accurate processing of orders, it is important that such lamps be ordered by their complete GE Lamp Ordering Code and voltage—not by the ANSI Code alone.

The table does not include ANSI-coded Photo Lamps, since the GE Photo Lamp Ordering Codes and their assigned ANSI Codes are identical. If you cannot find the ANSI Code in the following table, please check Form PH-3200 General Electric Photo Lamp Master Catalog to determine if the ANSI Code is assigned to a Photo Lamp product.

### ANSI CODE TABLE

ANSI Code	General Electric Lamp Ordering Code	Volts	ANSI Code	General Electric Lamp Ordering Code	Volts	ANSI Code	General Electric Lamp Ordering Code	Volts
BFE	750T20P/SP	120	DWT	Q1000T6/CL	120	EJG	EJG-Q750T3/4CL	120
BWA	BWA-Q2000/4CL/BP	120	EBA	10K/G96/1	120	EMD	EMD-Q750T3/4	120
BWF	BWF-Q2000/4CL	120	EBB	1M/T24/13	120	EME	EME-Q800T3/4CL	240
BWM	BWM-Q750T7/4CL/TP	120	ECG	2M/G48/18	120	EMF	EMF-Q800T3/4	240
BWN	BWN-Q1000T7/4CL/TP	120	ECK	2M/G48/14	120	ESL	Q150CL/MC/2V	120
BXA	7.5A/T8SCP	10	ECN	5M/G64/7	120	ESM	Q250MC	120
BXC	4A/T8/25	8.5	ECP	10K/G96	120	ESN	Q100CL/MC	120
BXE	7.5A/T8/92SC	10	EDC	500T20/63	120	ESP	Q150CL/DC/2V	120
BXG	7.5A/T8SC	10	EDG	750T24/16	120	ESR	Q100CL/DC	120
BXK	4A/T8/85	8.5	EDH	750T24/13	120	ESS	Q250CL/DC	120
BXM	4A/T8SCP	9	EDL	2M/T48/4	120	ETB	Q250DC	120
BXN	5A/T8SCP	10	EDM	2M/T48/4	120	ETC	Q150CL/DC	120
BXR	5A/T8SC	10	EDN	5M/T64/1	120	ETD	Q100DC	120
BYA	7.5A/T8/94	10	EDR	100T8½/9	120	ETE	Q100MC	120
BYS	4A/T8/87	9	EDS	18A/T10/1	6	ETF	Q150DC	120
BZA	100T8/1SC	20	EDT	18A/T10/1P	6	ETG	Q150CL/MC	120
			EDW	18A/T10/2P	6	ETH	Q150MC	120
CPS	100T10/7	6	EGC	EGC/EGD-Q500/5CL/P	120	EVR	EVR-Q500CL/MC	120
CPT	100T10P	6	EGD	EGC/EGD-Q500/5CL/P	120	FCL	Q500T3/CL	120
CXZ	CXZ-Q1500T11/4CL	120	EGE	EGE-Q500CL/P	120	FCM	FCM-Q1000T3/4CL	120
CYV	CYV-Q1000T7/4CL/BP	120	EGF	EGF-Q750/4CL/P	120	FCV	FCV-Q1000/4	120
CYX	CYX-Q2000T10/4CL	120	EGG	EGG-Q750CL/P	120	FCZ	Q500T3	120
DEB	500T12/8	120	EGJ	EGJ-Q1000/4CL/P	120	FDB	FDB-Q1500T4/4CL	120
DKX	DKX/DSF-Q1500PS52/4	120	EGK	EGK-Q1000/4/P	120	FDF	FDF-Q500T3/4CL	120
DKZ	DKZ/DSE-Q1000PS52/4	120	EGM	EGM-Q1000CL/P	120	FDN	FDN-Q500T3/4	120
DNS	500T12/9	120	EGR	EGR-Q750T7/4CL	120	FEL	FEL-Q1000/4CL	120
DNT	750T12/9	120	EGT	EGT-Q1000T7/4CL	120	FER	FER/EHS-Q1000T6/4CL	120
DNV	1M/T12/2	120	EHB	EHC/EHB-Q500/5CL	120	FEY	FEY-Q2000T8/4CL	120
DNW	500T20/64	120	EHC	EHC/EHB-Q500/5CL	120	FFN	FFN-Q1000PAR64/1	120
DPY	DPY-Q5000T20/4CL	120	EHD	EHD-Q500CL/TP	120	FFP	FFP-Q1000PAR64/2	120
DSE	DKZ/DSE-Q1000PS52/4	120	EHF	EHF-Q750/4CL	120	FFR	FFR-Q1000PAR64/5	120
DSF	DKX/DSF-Q1500PS52/4	120	EHG	EHG-Q750CL/TP	120	FFS	FFS-Q1000PAR64/6	120
DTY	DTY-Q10M/T24/4CL	120	EHM	Q300T3/CL	120	FFT	FFT-Q1000T3/1CL	120
DVF	2M/G48/18	120	EHP	Q300T4/CL	120	FGM	FGM-Q1000PAR64/3D	120
DVG	500T20/63	120	EHR	Q400T4/CL	120	FGN	FGN-Q1000PAR64/7D	120
DVH	750T24/16	120	EHS	FER/EHS-Q1000T6/4CL	120	FGT	FGT-Q1500T4/4	120
DVN	25S6	115	EHT	Q250CL/MC	120	FHM	FHM-Q1000T3/4	120
*DVS	Q500T3/CL*	130	EHZ	Q300T3	120			
DWC	150R/FL	120	EJD	EJD-Q1000T3/3CL	185			

\* GE equivalent lamp is 130 vs. ANSI type specified as 135V.




# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC- DC Vendor Item No.  GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 2 WATTS

	▲Cand.	42535	2CAC/FL	120	60	Clear—"Flicker"—"C-Line". Decorative—Commercial Service	...	3 1/2	...	2500	...
		42537	2CAC/FL CARDED	120	60	Clear—"Flicker"—Decorative. 6 Pack—Carded. (1 lamp per card)	...	3 1/2	...	2500	...

### 3 WATTS—5 WATTS

S-6	Cand.	11096	3S6/5	120	240	Clear—Indicator	C-7A	1 7/8	1 5/16	3000	12
		11098	3S6/5	130	240	Clear—Indicator	C-7A	1 7/8	1 5/16	3000	12
	D.C.Bay.	35326	3S6/5DC	120	240	Clear—Indicator	C-7A	1 13/16	...	3000	12
C-7	Cand.	43050	4C7 CARDED/2	120	240☆	Clear—Night Light. Carded (2 lamps per card)	C-7A	2 1/8	...	3000	16
S-11	S.C.Bay.	11138	5S11/94SC	10	120	Clear—Railway Light Signal (70)	C-2R	2 3/8	1 1/4	1000	...
S-14	Medium	11182	5S14	34	120	Clear—Train	C-9	3 1/2	...	1000	...

### 6 WATTS

	Cand.	11367	6S6 TRAY	120	240	Clear—Indicator. 12-Lamp Tray	C-7A	1 7/8	1 5/16	1500	44
		11369	6S6 TRAY	130	240	Clear—Indicator. 12-Lamp Tray	C-7A	1 7/8	1 5/16	1500	44
		11577	6S6/3	120	240	Clear—Signal Light (6)	C-1	1 7/8	...	5000 +	...
		11370	6S6	135	240	Clear—Indicator	C-7A	1 7/8	1 5/16	1500	42
		11372	6S6	145	240	Clear—Indicator	C-7A	1 7/8	1 5/16	1500	42
		11374	6S6	155	240	Clear—Indicator	C-7A	1 7/8	1 5/16	1500	42
		11485	6S6/R TRAY	120	240	Sprayed Red—Indicator. 12-Lamp Tray	C-7A	1 7/8	...	1500	...
		11481	6S6/R	130	240	Sprayed Red—Indicator	C-7A	1 7/8	...	1500	...
		11523	6S6/W TRAY	120	240	Sprayed White—Indicator. 12-Lamp Tray	C-7A	1 7/8	...	1500	34
		11565	6S6/B	120	240	Glossy Blue—Train	C-7A	1 7/8	...	1500	...
		11532	6S6/G	130	240	Sprayed Green—Indicator	C-7A	1 7/8	...	1500	...
	D.C.Bay.	11592	6S6DC TRAY	120	240	Clear—Indicator. 12-Lamp Tray	C-7A	1 13/16	1 1/16	1500	43
		11594	6S6DC TRAY	130	240	Clear—Indicator. 12-Lamp Tray	C-7A	1 13/16	1 1/16	1500	43
		11605	6S6DC/G	130	240	Sprayed Green—Indicator	C-7A	1 13/16	...	1500	...
		11603	6S6DC/R	130	240	Sprayed Red—Indicator	C-7A	1 13/16	...	1500	...
		11608	6S6DC	135	240	Clear—Indicator	C-7A	1 13/16	1 1/16	1500	...
T-4 1/2	Cand.	11762	6T4 1/2/1	120	100	Clear—Indicator	C-7A	1 7/8	...	1500	42
		11764	6T4 1/2/1	130	100	Clear—Indicator	C-7A	1 7/8	...	1500	42
T-4	▲Cand.	11758	6T4/3	125	100	Clear—Coils in series	2C-2F	1 7/16	1	1500	...
S-14	▲Medium	10693	6S14	130	120	Clear—Sign	C-9	3 1/2	2 1/2	3000	40
		10695	6S14/IF	130	120	Inside Frosted—Sign	C-9	3 1/2	2 1/2	3000	...
		10698	6S14/TB	130	120	Transparent Blue—Sign. Group Replacement	C-9	3 1/2	2 1/2	3000	...
		10699	6S14/TG	130	120	Transparent Green—Sign. Group Replacement	C-9	3 1/2	2 1/2	3000	...
		10700	6S14/TO	130	120	Transparent Orange—Sign. Group Replacement	C-9	3 1/2	2 1/2	3000	...
		10701	6S14/TR	130	120	Transparent Red—Sign. Group Replacement	C-9	3 1/2	2 1/2	3000	...
		10707	6S14/TY	130	120	Transparent Yellow—Sign. Group Replacement	C-9	3 1/2	2 1/2	3000	...
S-6	Cand.	11311	6S6	6	240	Clear—Indicator	C-2R	1 7/8	1 5/16	1500	...
		11316	6S6	12	240	Clear—Indicator	C-2V	1 7/8	1 5/16	1500	...
		11329	6S6	24	240	Clear—Indicator	C-2V	1 7/8	1 5/16	1500	...
	D.C.Bay.	11620	6S6DC	24	240	Clear—Indicator	C-2V	1 13/16	1 1/16	1500	...
	Cand.	11331	6S6	30	240	Clear—Train	C-2V	1 7/8	1 5/16	1500	50

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.




# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.


## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 6 WATTS (Continued)

	▲Cand.	43397	6S6/BB	32	240	Clear—Train	C-2V	17/8	15/16	1500	...
	Cand.	11341	6S6	48	240	Clear—Indicator	C-7A	17/8	15/16	1500	...
		11346	6S6	60	240	Clear—Train	C-7A	17/8	15/16	1500	...
	D.C. Bay.	11586	6S6/5DC	60	240	Clear—Teletype Illuminator	C-1	113/16	11/16	1500	...
	S.C. Bay.	11433	6S6/5SC	60	240	Clear—Train	C-1	113/16	11/16	1500	...
	Cand.	11356	6S6	75	240	Clear—Train Indicator	C-7A	17/8	15/16	1500	...
	D.C. Bay.	11357	6S6DC	75	240	Clear—Indicator	C-7A	113/16	11/16	1500	...

### 7 WATTS

	Cand.	11779	7C7	TRAY	120	240	Clear—Indicator. 12-Lamp Tray	C-7A	21/8	...	3000	46
		11792	7C7	TRAY	130	240	Clear—Indicator. 12-Lamp Tray	C-7A	21/8	...	3000	46
		11815	7C7/W	TRAY	120	240	White—Night Light. 12-Lamp Tray	C-7A	21/8	...	3000	36
		43052	7C7/W	CARD/2	120	240☆	White—Night Light. Carded (2 lamps per card)	C-7A	21/8	...	3000	36
		11805	7C7/O	TRAY	120	240	Orange—Indicator. 12-Lamp Tray	C-7A	21/8	...	3000	...
		11809	7C7/R	TRAY	120	240	Red—Indicator. 12-Lamp Tray	C-7A	21/8	...	3000	...

### 7.4 WATTS—9 WATTS

T-6½	D.C. Bay.	43409	7.4T6½DC/IF		10.5	60	Inside Frosted—Exit Sign. Use on low-voltage circuits only	C-8	51/2	...	10000	55
	Medium	11847	7½S	TRAY	120	240	Clear—12-Lamp Tray	C-9	21/4	...	1400	53
		11848	7½S	TRAY	130	240	Clear—12-Lamp Tray	C-9	21/4	...	1400	53
		11921	7½S/CW	TRAY	120	240	White—12-Lamp Tray	C-9	21/4	...	1400	39
		41267	7½S/CW	CARD/2	120	240	White—12-Pack-Carded	C-9	21/4	...	1400	39
		11922	7½S/CW	TRAY	130	240	White—12-Lamp Tray	C-9	21/4	...	1400	39
		11867	7½S/CB	TRAY	120	240	Blue—12-Lamp Tray	C-9	21/4	...	1400	...
		11880	7½S/CG	TRAY	120	240	Green—12-Lamp Tray	C-9	21/4	...	1400	...
		11894	7½S/CO	TRAY	120	240	Orange—12-Lamp Tray	C-9	21/4	...	1400	...
		11895	7½S/CO	TRAY	130	240	Orange—12-Lamp Tray	C-9	21/4	...	1400	...
		11910	7½S/CR	TRAY	120	240	Red—12-Lamp Tray	C-9	21/4	...	1400	...
		39227	7½S/CR	CARD/2	120	240	Red—12-Pack-Carded	C-9	21/4	...	1400	...
		11911	7½S/CR	TRAY	130	240	Red—12-Lamp Tray	C-9	21/4	...	1400	...
G-16½	2-Lug Sleeve (10)	11959	9G16½/1		12	60	Clear—Railway Light Signal. Top of filament 1.91" from top of pins	CC-6	215/16	...	1500	...

### 10 WATTS

	D.C. Bay.	11994	10C7DC	TRAY	120	240	Clear—Indicator. 12-Lamp Tray	C-7A	23/16	...	5000+	40
		12004	10C7/1DC		120	120	Clear—Indicator (Noise Free)	C-1	23/16	13/16	5000+	...
		12014	10C7/5DC		120	120	Clear—Indicator. Rough Service	C-7A	23/16	...	5000+	...
	Cand.	11975	10C7	TRAY	120	240	Clear—Indicator. 12-Lamp Tray	C-7A	21/8	...	5000+	42
	▲Medium	12342	10S14		120	120	Clear—Sign	C-9	31/2	21/2	1500	80
		12411	10S14/IF		120	120	Inside Frosted—Sign	C-9	31/2	21/2	1500	79
		12420	10S14/CB		120	120	Blue—Sign & Decorative	C-9	31/2	...	1500	...
		12433	10S14/CG		120	120	Green—Sign & Decorative	C-9	31/2	...	1500	...
		12449	10S14/CO		120	120	Orange—Sign & Decorative	C-9	31/2	...	1500	...
		12455	10S14/CR		120	120	Red—Sign & Decorative	C-9	31/2	...	1500	...
		12472	10S14/CW		120	120	White—Sign & Decorative	C-9	31/2	...	1500	...
		12483	10S14/CY		120	120	Yellow—Sign & Decorative	C-9	31/2	...	1500	45

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.



# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS


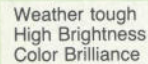
Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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## 10 WATTS (Continued)

		▲Intermed.	12186	10S11N	120	120	Clear—Sign	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	80
			12185	10S11N	130	120	Clear—Sign	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	80
		Intermed.	12188	10S11N/IF	120	120	Inside Frosted—Appliance	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	79
		▲Intermed.	12206	10S11N/CB	130	120	Blue—Sign & Decorative	C-7A	2 <sup>5</sup> / <sub>16</sub>	...	1500	...
			12217	10S11N/CG	130	120	Green—Sign & Decorative	C-7A	2 <sup>5</sup> / <sub>16</sub>	...	1500	...
			12222	10S11N/CO	130	120	Orange—Sign & Decorative	C-7A	2 <sup>5</sup> / <sub>16</sub>	...	1500	...
			12227	10S11N/CR	130	120	Red—Sign & Decorative	C-7A	2 <sup>5</sup> / <sub>16</sub>	...	1500	...
			12233	10S11N/CW	130	120	White—Sign & Decorative	C-7A	2 <sup>5</sup> / <sub>16</sub>	...	1500	...
			12238	10S11N/CY	130	120	Yellow—Sign & Decorative	C-7A	2 <sup>5</sup> / <sub>16</sub>	...	1500	...
			33226	10S11N/TB	130	120	Transparent Blue—Sign	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
			33227	10S11N/TG	130	120	Transparent Green—Sign	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
			33206	10S11N/TO	130	120	Transparent Orange—Sign	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
			33228	10S11N/TR	130	120	Transparent Red—Sign	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
			35639	10S11N/TY	130	120	Transparent Yellow—Sign	C-7A	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
		Cand.	12249	10S11/79	120	120	Clear—Indicator	C-7A	2 <sup>1</sup> / <sub>4</sub>	1 <sup>9</sup> / <sub>16</sub>	1500	...
		S.C.Bay.	12154	10S11/5SC	120	120	Clear—Railway Light Signal (69)	C-7A	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1500	...
S-6		Cand.	12041	10S6/10	230	240	Clear—Indicator	C-7A	1 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	1500	74
			12050	10S6/10	250	240	Clear—Indicator	C-7A	1 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	1500	74
		D.C.Bay.	12060	10S6/10DC	230	240	Clear—Indicator	C-7A	1 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1500	74
			12061	10S6/10DC	250	240	Clear—Indicator	C-7A	1 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1500	74
		Intermed.	12107	10S6/13	250	240	Clear—Indicator	C-7A	1 <sup>13</sup> / <sub>16</sub>	...	1500	...

## 11 WATTS—13-3<sup>1</sup>/<sub>2</sub> WATTS

		▲Medium	12575	11S14	130	120	Clear—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	80
			12576	11S14 BAG PACK	130	120	Clear—Sign. Group Replacement. BAG PACK (see page 14)	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	80
			12589	11S14/IF	130	120	Inside Frosted—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	79
			12597	11S14/B	130	120	Blue—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	...	3000	...
			12602	11S14/G	130	120	Green—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	...	3000	...
			12613	11S14/O	130	120	Orange—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	...	3000	...
			12621	11S14/R	130	120	Red—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	...	3000	...
			12626	11S14/W	130	120	White—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	...	3000	59
			12632	11S14/Y	130	120	Yellow—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	...	3000	51
			12633	11S14/Y BAG PACK	130	120	Yellow—Sign. Group Replacement. BAG PACK (see page 14)	C-9	3 <sup>1</sup> / <sub>2</sub>	...	3000	51
			12639	11S14/TB	130	120	Transparent Blue—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
			12641	11S14/TG	130	120	Transparent Green—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
			12643	11S14/TO	130	120	Transparent Orange—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
			12645	11S14/TR	130	120	Transparent Red—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
			12647	11S14/TY	130	120	Transparent Yellow—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
S-11		S.C.Bay.	12567	11S11SC	11	120	Clear—Railway Light Signal (70)	CC-6	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	2500	...
			12649	13/3 <sup>1</sup> / <sub>2</sub> S11/95	10	120	Clear—Railway Light Signal. Filament in multiple (70)	CC-6 CC-12	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1000	...

## 15 WATTS

	Medium	12656	15A15	120	120	Inside Frosted	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	2500	125
		41269	15A15 24PK	120	120	Inside Frosted. 24-Pack	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	2500	125
		12691	15A15 24PK PM	120	120	Inside Frosted. 24-Pack PRICE MARKED	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	2500	125
		12658	15A15	130	120	Inside Frosted	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	2500	125
		41270	15A/W 24PK	120	120	Soft-White. 24-Pack	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	2500	120
		32252	15A/W 24PK PM	120	120	Soft-White. 24-Pack PRICE MARKED	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	2500	120








# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC- DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 15 WATTS (Continued)

B-10	Cand.	13014	15BC	12PK	120	120	Crystal (Clear)—Decorative. 12-Pack	C-7A	3 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	136
	▲Cand.	41528	15CAC	12PK	120	120	Crystal (Clear)—Bent Tip—Decorative. 12-Pack (85)	C-7A	3 <sup>9</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	1500	...
		47929	15CAC	CARD/2	120	60☆	Crystal (Clear)—Bent Tip—Decorative. Carded (2 lamps per card) (85)	C-7A	3 <sup>9</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	1500	...
		41527	15CAC/F	12PK	120	120	Satin Frosted—Bent Tip—Decorative. 12-Pack (85)	C-7A	3 <sup>9</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	1500	...
		47930	15CAC/F	CARD/2	120	60☆	Satin Frosted—Bent Tip—Decorative. Carded (2 lamps per card) (85)	C-7A	3 <sup>9</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	1500	...
		41524	15CAC/4		120	120	Clear—Bent Tip—Decorative. "C-Line." Commercial Service (85)	C-7A	3 <sup>9</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	4000	...
	Cand.	13073	15FC	12PK	120	120	Crystal (Clear)—Decorative. 12-Pack	C-7A	3 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	136
		47928	15FC	CARD/2	120	60☆	Crystal (Clear)—Decorative. Carded (2 lamps per card)	C-7A	3 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	136
		40980	15FC/4		120	120	Clear—Decorative—"C-Line." Commercial Service	C-7A	3 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	4000	...
		13074	15FC/A	12PK	120	120	Blazing Amber—Decorative. 12-Pack	C-7A	3 <sup>1</sup> / <sub>16</sub>	...	1500	...
		47926	15FC/A	CARD/2	120	60☆	Blazing Amber—Decorative. Carded (2 lamps per card)	C-7A	3 <sup>1</sup> / <sub>16</sub>	...	1500	...
		40981	15FC/A4		120	120	Blazing Amber—Decorative—"C-Line." Commercial Service	C-7A	3 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	4000	...
		13076	15FC/AU	12PK	120	120	Diamond Auradescent—Decorative. 12-Pack	C-7A	3 <sup>1</sup> / <sub>16</sub>	...	1500	...
		47927	15FC/AU	CARD/2	120	60☆	Diamond Auradescent—Decorative. Carded (2 lamps per card)	C-7A	3 <sup>1</sup> / <sub>16</sub>	...	1500	...
		13124	15G16 1/2 C		120	60	Clear—Decorative	C-7A	3	1 <sup>5</sup> / <sub>8</sub>	1500	130
		13134	15G16 1/2 C/W		120	60	Sprayed White—Decorative	C-7A	3	...	1500	120
		39931	15GC/W	12PK	120	120	Sprayed White—Decorative. 12-Pack	C-7A	3	...	1500	120
		40985	15GC/W4		120	60	Sprayed White—Decorative. "C-Line." Commercial Service	C-7A	3	1 <sup>5</sup> / <sub>8</sub>	4000	...
	D.C. Bay.	13453	15T7DC		120	120	Clear—Appliance†	C-7A	2 <sup>1</sup> / <sub>4</sub>	...	(29)	115
		35154	15T7DC	CARD	120	240	Clear—Appliance. 12-Pack-Carded†	C-7A	2 <sup>1</sup> / <sub>4</sub>	...	(29)	115
		13467	15T7DC/IF		120	120	Inside Frosted—Appliance†	C-7A	2 <sup>1</sup> / <sub>4</sub>	...	(29)	113
	Intermed.	35153	15T7N	CARD	120	240	Clear—Appliance. 12-Pack-Carded†	C-7A	2 <sup>1</sup> / <sub>4</sub>	...	(29)	115
	Cand.	13494	15T7C		120	120	Clear—Signal Light. Appliance†	C-7A	2 <sup>1</sup> / <sub>4</sub>	...	1000 (29)	115
T-8		13565	15T8C		120	60	Clear—Decorative	C-7A	3 <sup>1</sup> / <sub>16</sub>	...	750	150
T-10	Medium	34407	15T10	24PK	120	120	Clear—Aquarium. 24-Pack	C-8	5 <sup>5</sup> / <sub>8</sub>	...	2500	...
	▲Medium	12828	15A/B		120	120	Blue	C-9	3 <sup>1</sup> / <sub>2</sub>	...	2500	...
		12830	15A/G		120	120	Green	C-9	3 <sup>1</sup> / <sub>2</sub>	...	2500	...
		12832	15A/O		120	120	Orange	C-9	3 <sup>1</sup> / <sub>2</sub>	...	2500	...
		12833	15A/R		120	120	Red	C-9	3 <sup>1</sup> / <sub>2</sub>	...	2500	...
		12836	15A/Y		120	120	Yellow	C-9	3 <sup>1</sup> / <sub>2</sub>	...	2500	...
		32173	15S14/GR/CL		130	120	Clear—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
S-14		32175	15S14/GR/IF		130	120	Inside Frosted—Sign. Group Replacement	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
S-11	Cand.	13210	15S11/13		120	120	Clear—Decorative	C-7A	2 <sup>1</sup> / <sub>4</sub>	1 <sup>9</sup> / <sub>16</sub>	750	150
		13236	15S11/14		120	120	Clear—Medical Spotlight	C-7A	2 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>8</sub>	200	150
	Medium	13291	15S11/102	TRAY	120	240	Clear—Refrigerator. 12-Lamp Tray	C-7A	2 <sup>1</sup> / <sub>4</sub>	...	400	142
T-6	Cand.	13390	15T6		120	60	Clear—Switchboard	C-7A	3 <sup>1</sup> / <sub>16</sub>	...	2000	114
		13402	15T6		145	60	Clear—Switchboard	C-7A	3 <sup>1</sup> / <sub>16</sub>	...	2000	106
A-17	Medium	12767	15A		12	120	Inside Frosted (11,53)	C-6	3 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	1000	...

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.

† Wattage shown is nominal. Design current is 0.139A at 120 volts.




# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
		GE ID No. 043168-									


## 15 WATTS (Continued)

	R-14	S.C. Bay.	33404	15R14SC/SP	12	120	Reflector Spotlight— Light Inside Frosted (15)	CC-8	2 <sup>5</sup> / <sub>8</sub>	...	2000	140
	A-17	Medium	12784	15A	34	120	Inside Frosted—Train (11)	C-9	3 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	1000	...
	S-14	▲Medium	42590	15S14/IF/BB	34	120	Inside Frosted—Locomotive Cab	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	1000	144
	A-17	Medium	12813	15A	75	120	Inside Frosted—Train	C-9	3 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	1000	147
	S-11	D.C. Bay.	13188	15S11/3DC	75	120	Clear—Train	C-1	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1000	138
	A-17	Medium	12871	15A	230	120	Inside Frosted	C-7A	3 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	1000	120

## 15-135-150 WATTS

A-21	3-Contact Medium	49997	15/150	12PK	120	60	◇ Longlife White—3-Way. Burn base down only. 12-Pack	CC-2R ICC-8	5 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1500	80, 2270, 2350
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## 17 WATTS—18 WATTS


	S-11	S.C. Bay.	13626	17S11SC	13.5	120	Clear—Railway Light Signal (70)	CC-6	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	2000	...
	A-15	2-Lug Sleeve	13630	18A15/3	10	120	Clear—Railway Light Signal (10,11)	CC-6	3 <sup>3</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>32</sub>	1500	...
		3-Lug Sleeve	13636	18A15/7	10	120	Clear—Railway Light Signal (10,11)	CC-6	3 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>32</sub>	1500	...
		2-Lug Sleeve	13644	18/3.5A15/5	10	120	Clear—Railway Light Signal. Filament in multiple (10,11)	CC-6 ICC-6	3 <sup>3</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>32</sub>	1500	...
		3-Lug Sleeve	13647	18/3.5A15/7	10	120	Clear—Railway Light Signal. Filament in multiple (10,11)	CC-6 ICC-6	3 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	1500	...
S-11	S.C. Bay.		13655	18S11/1SC	10	120	Clear—Railway Light Signal (70)	CC-6	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1000	250
			13659	18/3½S11SC	10	120	Clear—Railway Light Signal. Filament in multiple (70)	CC-6 IC-12	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1000	...

## 20 WATTS

A-17	▲Medium	13665	20A17/5	130	120	Clear—Flashing Sign	C-9	3 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	1000	158
T-6½	Intermed.	34272	20T6½/IF	120	60	Inside Frosted—Exit Light	C-8	5 <sup>1</sup> / <sub>2</sub>	...	5000 +	...
	D.C. Bay.	34241	20T6½DC/IF	120	60	Inside Frosted—Exit Light	C-8	5 <sup>9</sup> / <sub>16</sub>	...	5000 +	...
R-12	S.C. Bay.	13674	20R12SC	30	100	Train Reading Light—Reflector. Light Outside Frosted (1A, 34, 36)	CC-8	2 <sup>5</sup> / <sub>8</sub>	...	500	...

## 25 WATTS

	Medium	13828	25A		120	120	Inside Frosted	C-9	37/8	2 1/2	2500	235
		41271	25A	24PK	120	120	Inside Frosted. 24-Pack	C-9	37/8	2 1/2	2500	235
		13918	25A	24PK PM	120	120	Inside Frosted. 24-Pack PRICE MARKED	C-9	37/8	2 1/2	2500	235
		35613	25A		130	120	Inside Frosted	C-9	37/8	2 1/2	2500	235
		41272	25A/W	24PK	120	120	Soft-White. 24-Pack	C-9	4 1/4	...	2500	190
		32254	25A/W	24PK PM	120	120	Soft-White. 24-Pack PRICE MARKED	C-9	4 1/4	...	2500	190
		13990	25A/CL		120	120	Clear— Sign & Decorative	C-9	37/8	2 1/2	2500	235
		13992	25A/CL		130	120	Clear— Sign & Decorative	C-9	37/8	2 1/2	2500	235
	▲Medium	33864	25A/TF	24PK	120	120	Clear— TUFF-SKIN. 24-Pack	C-9	37/8	...	2500	...
	Medium	33486	25A/RS	24PK	120	120	Inside Frosted— Rough Service. 24-Pack	C-17	37/8	2 9/16	1000	235
33488		25A/RS	24PK	130	120	Inside Frosted— Rough Service. 24-Pack	C-17	37/8	2 9/16	1000	235	
33491		25A/VS	24PK	130	120	Inside Frosted— Vibration Service. 24-Pack	C-9	37/8	2 1/2	1000	262	

	Cand.	14329	25BC	12PK	120	120	Crystal (Clear)— Decorative. Burn base down to horizontal. 12-Pack	C-7A	3 3/4	1 5/8	1500	...
		47939	25BC	CARDED/2	120	60☆	Crystal (Clear)— Decorative. Burn base down to horizontal. Carded (2 lamps per card)	C-7A	3 3/4	1 5/8	1500	...
		14340	25BC/W	12PK	120	120	Pearl White— Decorative. Burn base down to horizontal. 12-Pack	C-7A	3 3/4	...	1500	...

B-13	Medium	14354	25BM/W	12PK	120	120	Pearl White— Decorative.	C-9	4 5/8	...	1500	187
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◇ To produce all three levels of light, this lamp should be tightened firmly but not forcibly in the socket to assure that all contacts are connected.

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.









# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 25 WATTS (Continued)

	Medium	40043	25CAM/4	120	120	Clear—Bent Tip—"C-Line." Commercial Service	CC-2V	4 1/2	...	4000	...
		40044	25CAM/F4	120	120	Satin Frosted—Bent Tip—"C-Line." Commercial Service	CC-2V	4 1/2	...	4000	...
	▲Cand.	34649	25CAC 12PK	120	120	Crystal (Clear)—Bent Tip—Decorative. Burn base down to horizontal. 12-Pack (85)	CC-2V	4 5/16	2 1/8	1500	...
		47933	25CAC CARDED/2	120	60☆	Crystal (Clear)—Bent Tip—Decorative. Burn base down to horizontal. Carded (2 lamps per card) (85)	CC-2V	4 5/16	2 1/8	1500	...
		34650	25CAC/F 12PK	120	120	Satin Frosted—Bent Tip—Decorative. Burn base down to horizontal. 12-Pack (85)	CC-2V	4 5/16	2 1/8	1500	...
		47934	25CAC/F CARDED/2	120	60☆	Satin Frosted—Bent Tip—Decorative. Burn base down to horizontal. Carded (2 lamps per card) (85)	CC-2V	4 5/16	2 1/8	1500	...
		40045	25CAC/4	120	120	Clear—Bent Tip—"C-Line." Commercial Service. Burn base down to horizontal (85)	CC-2V	4 5/16	...	4000	...
		40046	25CAC/F4	120	120	Satin Frosted—Bent Tip—"C-Line." Commercial Service. Burn base down to horizontal (85)	CC-2V	4 5/16	...	4000	...
		41529	25STC 12PK	120	120	Crystal (Clear)—Straight Tip—Decorative. 12-Pack (85)	CC-2V	4	1 3/4	1500	...
		47931	25STC CARDED/2	120	60☆	Crystal (Clear)—Straight Tip—Decorative. Carded (2 lamps per card) (85)	CC-2V	4	1 3/4	1500	...
		41530	25STC/F 12PK	120	120	Satin Frosted—Straight Tip—Decorative. 12-Pack (85)	CC-2V	4	1 3/4	1500	...
		47932	25STC/F CARDED/2	120	60☆	Satin Frosted—Straight Tip—Decorative. Carded (2 lamps per card) (85)	CC-2V	4	1 3/4	1500	...
		41525	25STC/4	120	120	Clear—Straight Tip—"C-Line." Commercial Service (85)	CC-2V	4	1 3/4	4000	...
		41526	25STC/F4	120	120	Satin Frosted—Straight Tip—"C-Line." Commercial Service (85)	CC-2V	4	1 3/4	4000	...
	Cand.	44666	25CC/FG4	120	60	Satin-Glo®—fiber wrapped—"C-Line." Decorative. Commercial Service (55)	C-7A	4 1/4	1 7/8	4000	...
		10567	25CC/FG4 CARDED	120	60	Satin-Glo®—fiber wrapped—"C-Line." Decorative. Commercial Service. Carded (55)	C-7A	4 1/4	1 7/8	4000	...
	Medium	44667	25CM/FG4	120	60	Satin-Glo®—fiber wrapped—"C-Line." Decorative. Commercial Service (55)	C-9	4 11/16	2 3/8	4000	...
		14403	25FM 12PK	120	120	Crystal (Clear)—Decorative. 12-Pack	C-9	4 3/8	...	1500	240
		47935	25FM CARDED/2	120	60☆	Crystal (Clear)—Decorative. Carded (2 lamps per card)	C-9	4 3/8	...	1500	240
		40982	25FM/4	120	120	Clear—Decorative—"C-Line." Commercial Service	C-9	4 3/8	...	4000	...





☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.



# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
25 WATTS (Continued)											
	Medium	14405	25FM/W 12PK	120	120	Pearl White—Decorative. 12-Pack	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	179
		47938	25FM/W CARDED/2	120	60☆	Pearl White—Decorative. Carded (2 lamps per card)	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	179
		14404	25FM/A 12PK	120	120	Blazing Amber—Decorative. 12-Pack	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	...
		47936	25FM/A CARDED/2	120	60☆	Blazing Amber—Decorative. Carded (2 lamps per card)	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	...
		40983	25FM/A4	120	120	Blazing Amber—Decorative—"C-Line." Commercial Service	C-9	4 <sup>3</sup> / <sub>8</sub>	...	4000	...
		14451	25FM/AU 12PK	120	120	Diamond Auradescant—Decorative. 12-Pack	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	...
		47937	25FM/AU CARDED/2	120	60☆	Diamond Auradescant—Decorative. Carded (2 lamps per card)	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	...
F-10	Cand.	14385	25FC 12PK	120	120	Crystal (Clear)—Decorative. 12-Pack	C-7A	3 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
		14457	25G16 1/2 C	120	60	Clear—Decorative	C-7A	3	1 <sup>5</sup> / <sub>8</sub>	1500	235
		11303	25GC 12PK	120	120	Clear—Decorative	C-7A	3	1 <sup>5</sup> / <sub>8</sub>	1500	235
		11351	25GC CARDED	120	60	Clear—Decorative. Carded	C-7A	3	1 <sup>5</sup> / <sub>8</sub>	1500	235
		14472	25G16 1/2 C/W	120	60	Sprayed White—Decorative	C-7A	3	...	1500	210
		39679	25GC/W 12PK	120	120	Sprayed White—Decorative. 12-Pack	C-7A	3	...	1500	210
		11142	25GC/W CARDED	120	60	Sprayed White—Decorative. Carded	C-7A	3	...	1500	210
		43158	25GC/4	120	60	Clear—Decorative—"C-Line." Commercial Service	C-7A	3	1 <sup>5</sup> / <sub>8</sub>	4000	...
		40986	25GC/W4	120	60	Sprayed White—Decorative—"C-Line." Commercial Service	C-7A	3	1 <sup>5</sup> / <sub>8</sub>	4000	...
G-18 1/2	Medium	14507	25G18 1/2 W	120	120	Sprayed White—Decorative	C-9	3 <sup>9</sup> / <sub>16</sub>	...	1500	220
G-25		14529	25G25	120	60	Clear—Decorative	C-9	4 <sup>7</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	1500	240
		43144	25G25M/4	120	60	Clear—Decorative—"C-Line." Commercial Service	C-9	4 <sup>7</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	4000	...
		14546	25G25/W	120	60	Sprayed White—Decorative	C-9	4 <sup>7</sup> / <sub>16</sub>	...	1500	220
	▲Medium	44224	25G25M/SM/4	120	60	Smoke—Decorative—"C-Line." Commercial Service (45)	C-9	4 <sup>7</sup> / <sub>16</sub>	...	4000	...
	Medium	39626	25G40/W	120	24	White—Decorative	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	150
		39625	25G40/CL	120	24	Clear—Decorative	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	160
		44225	25GM/SM/4	120	24	Smoke—Decorative—"C-Line." Commercial Service (45)	C-9	6 <sup>13</sup> / <sub>16</sub>	...	4000	...
	▲Medium	37577	25A/B 24PK	120	120	Blue—Decorative. 24-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	...	2500	...
		37578	25A/G 24PK	120	120	Green—Decorative. 24-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	...	2500	...
		14068	25A/O	120	120	Orange—Decorative	C-9	3 <sup>7</sup> / <sub>8</sub>	...	2500	...
		37579	25A/R 24PK	120	120	Red—Decorative. 24-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	...	2500	...
		14118	25A/R2	120	120	Rose—Decorative	C-9	3 <sup>7</sup> / <sub>8</sub>	...	2500	...
		37793	25A/Y 24PK	120	120	Yellow—Decorative. 24-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	...	2500	180
		14293	25A19/GR/CL	130	120	Clear—Sign. Group Replacement	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
		14294	25A19/GR/IF	130	120	Inside Frosted—Sign. Group Replacement	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.







# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC- DC Vendor Item No.  GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 25 WATTS (Continued)

 Weather- tough High Brightness Color Brilliance	▲Medium	14299	25A19/GR/TB	130	120	Transparent Blue—Sign. Group Replacement	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
	Medium	49724	25A/TB 6PK	120	120	Transparent Blue—Decorative. "Party Bulb." 6-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2500	...
	▲Medium	14301	25A19/GR/TG	130	120	Transparent Green—Sign. Group Replacement	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
	Medium	49725	25A/TG 6PK	120	120	Transparent Green—Decorative. "Party Bulb." 6-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2500	...
	▲Medium	14303	25A19/GR/TO	130	120	Transparent Orange—Sign. Group Replacement	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
	Medium	49726	25A/TO 6PK	120	120	Transparent Orange—Decorative. "Party Bulb." 6-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2500	...
	▲Medium	14305	25A19/GR/TR	130	120	Transparent Red—Sign. Group Replacement	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
	Medium	49727	25A/TR 6PK	120	120	Transparent Red—Decorative. "Party Bulb." 6-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2500	...
	▲Medium	14307	25A19/GR/TY	130	120	Transparent Yellow—Sign. Group Replacement	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3000	...
	Medium	49728	25A/TY 6PK	120	120	Transparent Yellow—Decorative. "Party Bulb." 6-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2500	...
A-15		44448	25A15/RFL	130	120	Reflector Sign—Light Inside Frosted	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	3000	...
A-21		14312	25A21/RFL	130	120	Reflector Sign—Light Inside Frosted	C-7A	4 <sup>3</sup> / <sub>8</sub>	1 <sup>31</sup> / <sub>32</sub>	2500	...
G-16½	S.C. Bay.	14483	25G16½SC	120	60	Clear—Railway Light Signal (69)	C-5	3	1 <sup>1</sup> / <sub>4</sub>	1000	...
S-6	Cand.	14567	25S6	115	240	★Clear—High Intensity Indicator. ANSI: DVN	C-7A	1 <sup>7</sup> / <sub>8</sub>	1 <sup>9</sup> / <sub>16</sub>	50	...
S-11		14585	25S11/2C	120	120	★Clear—Medical Spotlight	C-7A	2 <sup>1</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>16</sub>	500	...
	Intermed.	14639	25T6½	120	60	Clear—Showcase	C-8	5 <sup>1</sup> / <sub>2</sub>	...	1000	244
		14641	25T6½	130	60	Clear—Showcase	C-8	5 <sup>1</sup> / <sub>2</sub>	...	1000	244
		14666	25T6½/IF	120	60	Inside Frosted—Showcase	C-8	5 <sup>1</sup> / <sub>2</sub>	...	1000	240
		14668	25T6½/IF	130	60	Inside Frosted—Showcase	C-8	5 <sup>1</sup> / <sub>2</sub>	...	1000	240
		14676	25T6½DC	120	60	Clear—Appliance— Scale Illuminator	C-8	5 <sup>9</sup> / <sub>16</sub>	...	1000	244
	D.C. Bay.	14678	25T6½DC	130	60	Clear—Appliance— Scale Illuminator	C-8	5 <sup>9</sup> / <sub>16</sub>	...	1000	244
		14683	25T6½DC/IF	120	60	Inside Frosted—Appliance— Scale Illuminator	C-8	5 <sup>9</sup> / <sub>16</sub>	...	1000	240
		14685	25T6½DC/IF	130	60	Inside Frosted—Appliance— Scale Illuminator	C-8	5 <sup>9</sup> / <sub>16</sub>	...	1000	240
		14741	25T8DC	120	60	Clear—Home and Industrial Appliance	C-7A	2 <sup>5</sup> / <sub>8</sub>	...	(63)	240
		35155	25T8DC CARDED	120	240	Clear—Appliance. 12-Pack-Carded	C-7A	2 <sup>5</sup> / <sub>8</sub>	...	(63)	240
		14759	25T8DC/IF	120	60	Inside Frosted—Appliance	C-7A	2 <sup>5</sup> / <sub>8</sub>	...	(63)	235
	Intermed.	14791	25T8N	120	60	Clear—Appliance	C-7A	2 <sup>5</sup> / <sub>8</sub>	...	(63)	240
	Cand.	14809	25T8C	120	60	Clear—Appliance	C-7A	2 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	(63)	...
	Medium	14864	25T10	120	120	Clear—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	248
		14880	25T10 24PK	120	192	Clear—Showcase. 24-Pack	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	248
		41313	25T10 CARDED	120	120	Clear—Showcase. 12-Pack-Carded	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	248
		14866	25T10	130	120	Clear—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	248
		14907	25T10/IF	120	120	Inside Frosted—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	244
		14916	25T10/IF 24PK	120	192	Inside Frosted—Showcase. 24-Pack	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	244
		14909	25T10/IF	130	120	Inside Frosted—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	244
		36682	25T10/6 24PK	120	120	Clear—Aquarium. 24-Pack	C-8	5 <sup>5</sup> / <sub>8</sub>	...	2500	...
R-14	▲Intermed.	39156	25R14N	120	120	Reflector—Light Inside Frosted. "Little-R™" (36)	CC-2V	2 <sup>9</sup> / <sub>16</sub>	...	1500	190





# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS



Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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## 25 WATTS (Continued)

★PAR-36	Screw Terminal	14553	25PAR36	5.5	12	PAR—Display Spotlight. Filament shielded	C-6	2 <sup>3</sup> / <sub>4</sub>	...	1000	...	
★PAR-46		14562	25PAR46	5.5	12	PAR—Display Spotlight. Filament shielded	C-6	3 <sup>3</sup> / <sub>4</sub>	...	1000	...	
T-8	S.C.Pref. (A)	14804	25T8/SCP	6	24	Clear—Instrument. Source WxH: 0.8x4.5mm. Burn base down to horizontal (61)	C-8	3 <sup>1</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>8</sub>	50	...	
S-11	S.C.Bay.	14575	25S11/4SC	10	120	Clear—Railway Light Signal (70)	CC-6	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1000	...	
A-19	Medium	13769	25A	12	120	Inside Frosted (11,53)	C-6	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	378	
	Screw Terminal	14554	25PAR36NSP	12	12	PAR—Narrow Spotlight. Stippled reflector. Filament shielded	C-6	2 <sup>3</sup> / <sub>4</sub>	...	2000	...	
		14555	25PAR36WFL	12	12	PAR—Wide Floodlight. Stippled reflector. Filament shielded	C-6	2 <sup>3</sup> / <sub>4</sub>	...	2000	...	
		14556	25PAR36/VWFL	12	12	PAR—Very Wide Floodlight. Stippled reflector. Filament shielded	C-6	2 <sup>3</sup> / <sub>4</sub>	...	2000	...	
	S.C.Bay.	34405	25R14SC/SP	12	120	Reflector Spotlight—Light Inside Frosted (15)	CC-8	2 <sup>5</sup> / <sub>8</sub>	...	2000	230	
		33091	25R14SC	28	120	Reflector Spotlight—Light Inside Frosted (15)	CC-8	2 <sup>5</sup> / <sub>8</sub>	...	2000	...	
A-19	Medium	13779	25A	30	120	Inside Frosted—Train (11)	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	345	
		13784	25A	34	120	Inside Frosted—Train (11)	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	390	
		13802	25A	60	120	Inside Frosted—Train (11)	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	285	
A-17		13744	25A17/RS	75	120	Inside Frosted—Train. Rough Service	C-9	3 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	1000	250	
A-19		13872	25A	230	120	Inside Frosted	C-17A	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	220	
		13879	25A	250	120	Inside Frosted	C-17A	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	220	
		13889	25A	300	120	Inside Frosted	C-17	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	...	
	▲Medium	14104	25A/R	230	120	Red	C-17A	3 <sup>7</sup> / <sub>8</sub>	...	1000	...	
		14108	25A/R	250	120	Red	C-17A	3 <sup>7</sup> / <sub>8</sub>	...	1000	...	
T-6 <sup>1</sup> / <sub>2</sub>	D.C.Bay.	14687	25T6 <sup>1</sup> / <sub>2</sub> DC/IF	230	60	Inside Frosted—Scale Illuminator	C-8	5 <sup>9</sup> / <sub>16</sub>	...	1000	...	
T-10	Medium	14886	25T10	24PK	250	192	Clear—Showcase. 24-Pack	C-17A	5 <sup>5</sup> / <sub>8</sub>	...	1000	...

## 30 WATTS

	Medium	15003	30R20	120	60	Reflector—Light Inside Frosted	C-7A	3 <sup>15</sup> / <sub>16</sub>	...	2000	210	
		41930	30R20	6PK	120	60	Reflector—Light Inside Frosted. 6-Pack	C-7A	3 <sup>15</sup> / <sub>16</sub>	...	2000	210
		15000	30R20		130	60	Reflector—Light Inside Frosted	C-7A	3 <sup>15</sup> / <sub>16</sub>	...	2000	210
G-16½	D.C.Bay.	14994	30G16½/3DC	115	60	Clear—Medical Spotlight. Silvered Bowl	CC-2V Horiz.	3 <sup>5</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>16</sub>	500	...	
T-8	Disc	15029	L30	120	24	Clear—Lumiline	C-8	17 <sup>3</sup> / <sub>4</sub> °	...	1500	...	
		15071	L30/ W	120	24	White— Lumiline	C-8	17 <sup>3</sup> / <sub>4</sub> °	...	1500	210	
S-11	D.C.Bay.	15011	30S11DC	64	120	Clear— Train Marker. Burn base down to horizontal	C-7A	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	500	350	
		15012	30S11DC	75	120	Clear— Train Marker Control Stand. Burn base down to horizontal	C-7A	2 <sup>3</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	500	...	

## 30-70-100 WATTS

A-21	3-Contact Medium	41273	30/100	12PK	120	60	◇ Soft-White—3-Way. 12-Pack (14)	C-2R CC-8	5 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	1500, 1200, 1200	280, 1035, 1315
		15111	30/100	12PK PM	120	60	◇ Soft-White—3-Way. 12-Pack (14) PRICE MARKED	C-2R CC-8	5 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	1500, 1200, 1200	280, 1035, 1315

° Average over-all length.

◇ To produce all three levels of light, this lamp should be tightened firmly but not forcibly in the socket to assure that all contacts are connected.



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.




## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 34 WATTS WATT-MISER®

A-19	Medium	11437	34A/WM	120	120	WATT-MISER®—Inside Frosted—Krypton gas filled	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	380
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### 40 WATTS

	Medium	15288	40A	120	120	Inside Frosted (11)	CC-6	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	455	
		41276	40A	24PK	120	120	Inside Frosted. 24-Pack (11)	CC-6	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	455
		15344	40A	24PK PM	120	120	Inside Frosted. 24-Pack (11) PRICE MARKED	CC-6	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	455
		34034	40A		130	120	Inside Frosted (11)	CC-6	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	455
		41278	40A/W	24PK	120	120	Soft-White. 24-Pack (11)	CC-6	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	440
		15492	40A/W	24PK PM	120	120	Soft-White. 24-Pack (11) PRICE MARKED	CC-6	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	440
		15365	40A/CL		120	120	Clear (11)	C-9	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	455
		34125	40A/CL		130	120	Clear (11)	C-9	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	1500	455
	▲Medium	33863	40A/TF	24PK	120	120	Clear—TUFF-SKIN. 24-Pack (83)	C-9	4 <sup>1</sup> / <sub>4</sub>	...	1500	...
		15536	40A/99		120	120	Inside Frosted— Extended Service. (11) FOR ENERGY SAVINGS... Consider 34A/WM 120 Volt.	C-9	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	2500	420
		33474	40A/99	24PK	120	120	Inside Frosted— Extended Service. 24-Pack (11) FOR ENERGY SAVINGS... Consider 34A/WM 120 Volt.	C-9	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	2500	420
		34221	40A/99		130	120	Inside Frosted— Extended Service (11)	C-9	4 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>16</sub>	2500	420
		A-15	Medium	15199	40A15		120	120	Appliance—Oven Service (11)	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>
	Cand.	41275	40A15	CARDED	120	240	Appliance—Oven Service. 12-Pack-Carded (11)	C-9	3 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	1500	455
		38123	40BC	12PK	120	120	Crystal (Clear)—Decorative. Burn base down to horizontal. 12-Pack	C-9	3 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
		47942	40BC	CARDED/2	120	60☆	Crystal (Clear)—Decorative. Burn base down to horizontal. Carded (2 lamps per card)	C-9	3 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	1500	...
		10712	40BC/D	CARDED	120	60	Diamond-patterned—Outside Frosted-Decorative. Burn base down to horizontal. 6-Pack-Carded	C-9	3 <sup>3</sup> / <sub>4</sub>	...	1500	...
		15653	40BC/W	12PK	120	120	Pearl White—Decorative. Burn base down to horizontal. 12-Pack	C-9	3 <sup>3</sup> / <sub>4</sub>	...	1500	...
B-13	Medium	15631	40BM	12PK	120	120	Crystal (Clear)—Decorative. 12-Pack	C-9	4 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	1500	455
		34651	40CAM	12PK	120	120	Crystal (Clear)—Bent Tip— Decorative. 12-Pack	CC-2V	4 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	1500	...
		47945	40CAM	CARDED/2	120	60☆	Crystal (Clear)—Bent Tip— Decorative. Carded (2 lamps per card)	CC-2V	4 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	1500	...
		34652	40CAM/F	12PK	120	120	Satin Frosted—Bent Tip— Decorative. 12-Pack	CC-2V	4 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	1500	...
		40047	40CAM/4		120	120	Clear—Bent Tip—Decorative. "C-Line." Commercial Service	CC-2V	4 <sup>1</sup> / <sub>2</sub>	...	4000	...
CA-10	▲Cand.	34653	40CAC	12PK	120	120	Crystal (Clear)—Bent Tip— Decorative. Burn base down to horizontal. 12-Pack (85)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...
47940		40CAC	CARDED/2	120	60☆	Crystal (Clear)—Bent Tip— Decorative. Burn base down to horizontal. Carded (2 lamps per card)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...	

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.






**ENERGY SAVING GE LAMPS shown on this page are printed in green.**



# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
40 WATTS (Continued)											
	▲Cand.	34654	40CAC/F 12PK	120	120	Satin Frosted—Bent Tip—Decorative. Burn base down to horizontal. 12-Pack (85)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...
		47941	40CAC/F CARDED/2	120	60☆	Satin Frosted—Bent Tip—Decorative. Burn base down to horizontal. Carded (2 lamps per card)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...
		40050	40CAC/4	120	120	Clear—Bent Tip—Decorative. "C-Line." Commercial Service. Burn base down to horizontal. (85)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	...	4000	...
		40834	40CAC/F4	120	120	Outside Frosted—Bent Tip—Decorative. "C-Line." Commercial Service. Burn base down to horizontal (85)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	...	4000	...
	Cand.	11473	40STC CARDED/2	120	60☆	Crystal (Clear)—Straight Tip—Decorative. Carded (2 lamps per card) (15)	CC-2V	4	1 <sup>3</sup> / <sub>4</sub>	1500	...
		11469	40STC/F CARDED/2	120	60☆	Satin Frosted—Straight Tip—Decorative. Carded (2 lamps per card) (15)	CC-2V	4	1 <sup>3</sup> / <sub>4</sub>	1500	...
		44668	40CC/FG4	120	60	Satin-Glo®—fiber wrapped—"C-Line." Decorative. Commercial Service (55)	C-7A	4 <sup>1</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	4000	...
		10568	40CC/FG4 CARDED	120	60	Satin-Glo®—fiber wrapped—"C-Line." Decorative. Commercial Service. Carded (55)	C-7A	4 <sup>1</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	4000	...
C-15	Medium	44669	40CM/FG4	120	60	Satin-Glo® fiber wrapped—"C-Line." Decorative. Commercial Service (55)	C-9	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	4000	...
		15692	40FM 12PK	120	120	Crystal (Clear)—Decorative. 12-Pack	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	455
		47943	40FM CARDED/2	120	60☆	Crystal (Clear)—Decorative. Carded (2 lamps per card)	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	455
		40984	40FM/4	120	120	Clear—Decorative—"C-Line." Commercial Service	C-9	4 <sup>3</sup> / <sub>8</sub>	...	4000	...
		15693	40FM/W 12PK	120	120	Pearl White—Decorative. 12-Pack	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	390
		47944	40FM/W CARDED/2	120	60☆	Pearl White—Decorative. Carded (2 lamps per card)	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	390
		15694	40FM/AU 12PK	120	120	Diamond Auradescent—Decorative. 12-Pack	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	...
		11463	40FM/AU CARDED/2	120	60☆	Diamond Auradescent—Decorative. Carded (2 lamps per card)	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1500	...
	Cand.	15696	40G16 1/2 C/W	120	60	Sprayed White—Decorative. Burn base down to horizontal (36)	C-7A	3	...	1500	245
		43159	40GC/4	120	60	Clear—Decorative. "C-Line." Commercial Service. Burn base down to horizontal (36)	C-9	3	1 <sup>3</sup> / <sub>4</sub>	4000	...
	D.C. Bay.	15705	40G16 1/2 /3DC	115	60	Clear—Silvered Bowl. Medical Spotlight	CC-2V Horiz.	3 <sup>5</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>16</sub>	500	...
G-25	Medium	15730	40G/W	120	60	Sprayed White—Decorative.	C-9	4 <sup>7</sup> / <sub>16</sub>	...	1500	310
G-40		41057	40G25/CL	120	60	Clear—Decorative	C-9	4 <sup>7</sup> / <sub>16</sub>	...	1500	...
	36191	40GM/W 6PK	120	24	White—Decorative—Moonglow. 6-Pack	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	355	
	36192	40G40/W	130	24	White—Decorative	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	355	
	37914	40G40/CL	120	24	Clear—Decorative	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	385	
	43423	40GM/4	120	24	Clear—Decorative—"C-Line." Commercial Service	C-9	6 <sup>13</sup> / <sub>16</sub>	...	4000	...	
	A-19	15280	40A/DPK 24PK	120	120	Coloramic—Dawn Pink. 24-Pack (11)	C-9	4 <sup>1</sup> / <sub>4</sub>	...	1500	...

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.





# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC- DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 40 WATTS (Continued)

 	▲Medium	15444	40A/B	120	120	Blue—Decorative	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1000	...
		15459	40A/G	120	120	Green—Decorative	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1000	...
		15470	40A/O	120	120	Orange—Decorative	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1000	...
		15478	40A/R	120	120	Red—Decorative	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1000	...
		15505	40A/Y	120	120	Yellow—Decorative	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1000	290
		15503	40A/Y	130	120	Yellow—Decorative	C-9	4 <sup>3</sup> / <sub>8</sub>	...	1000	290
		15614	40A21/GR/CL	130	120	Clear—Sign. Group Replacement	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	3000	...
		15615	40A21/GR/IF	130	120	Inside Frosted—Sign. Group Replacement	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	3000	...
		15591	40A21/GR/TB	130	120	Transparent Blue—Sign. Group Replacement	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	3000	...
		15593	40A21/GR/TG	130	120	Transparent Green—Sign. Group Replacement	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	3000	...
		15595	40A21/GR/TO	130	120	Transparent Orange—Sign. Group Replacement	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	3000	...
		15597	40A21/GR/TR	130	120	Transparent Red—Sign. Group Replacement	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	3000	...
		15599	40A21/GR/TY	130	120	Transparent Yellow—Sign. Group Replacement	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	3000	...
		15552	40A/TS	120	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	2000	380
		15554	40A/TS	130	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	2000	380
T-6½	Intermed.	15740	40T6½/2	120	60	Clear—Refrigerator	C-8	5 <sup>1</sup> / <sub>2</sub>	...	750	...
		41312	40T6½/2 CARDED	120	120	Clear—Refrigerator. 12-Pack-Carded	C-8	5 <sup>1</sup> / <sub>2</sub>	...	750	...
T-8	Medium	15742	40T6½/2IF	120	60	Inside Frosted—Appliance	C-8	5 <sup>1</sup> / <sub>2</sub>	...	750	...
		15754	40T8	120	24	Clear—Showcase	C-23	1 <sup>17</sup> / <sub>8</sub>	...	1000	430
		15756	40T8	130	24	Clear—Showcase	C-23	1 <sup>17</sup> / <sub>8</sub>	...	1000	430
		15784	40T8/IF	120	24	Inside Frosted—Showcase	C-23	1 <sup>17</sup> / <sub>8</sub>	...	1000	425
		15852	40T10	120	120	Clear—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	420
		15856	40T10 24PK	120	192	Clear—Showcase. 24-Pack	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	420
		15854	40T10	130	120	Clear—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	420
		15892	40T10/IF	120	120	Inside Frosted—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	415
		15901	40T10/IF 24PK	120	192	Inside Frosted—Showcase. 24-Pack	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	415
		41314	40T10/IF CARDED	120	120	Inside Frosted—Showcase. 12-Pack-Carded	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	415
T-8	Medium With Spring Contact	15894	40T10/IF	130	120	Inside Frosted—Showcase	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	415
		15926	40T10/RFL 24PK	120	192	Reflector Showcase—Light Inside Frosted & side aluminized. M.O.L. is exclusive of spring contact on base. 24-Pack	CC-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	430
		15921	40T10P	120	60	Clear—Airport. Burning position: base down only	CC-2V	3 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1000	...
T-8	Disc	15804	L40	120	24	Clear—Lumiline	C-8	1 <sup>13</sup> / <sub>4</sub> °	...	1500	...
		15809	L40/IF	120	24	Inside Frosted—Lumiline	C-8	1 <sup>13</sup> / <sub>4</sub> °	...	1500	340
		15839	L40/W	120	24	White—Lumiline	C-8	1 <sup>13</sup> / <sub>4</sub> °	...	1500	295

### 45 WATTS

★PAR-38	Medium Skirted	15937	45PAR38/6.6	6.6A	12	PAR—Airport—Floodlight	C-6	5 <sup>5</sup> / <sub>16</sub>	...	800	...
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### 50 WATTS

A-19	Medium	16121	50A/RS	120	120	Inside Frosted—Rough Service	C-22	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	480
		33495	50A/RS 24PK	120	120	Inside Frosted—Rough Service. 24-pack	C-22	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	480
		16123	50A/RS	130	120	Inside Frosted—Rough Service	C-22	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	480
		33497	50A/RS 24PK	130	120	Inside Frosted—Rough Service. 24-Pack	C-22	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1000	480

° Average over-all length.








# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC- DC Vendor Item No.  GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 50 WATTS (Continued)

	▲Medium	33857	50A/RS/TF	24PK	120	120	Clear—Rough Service. TUFF-SKIN. 24-Pack	C-22	37/8	...	1000	...
	Medium	16242	50A19/5		120	120	Clear—Rough Service	C-22	37/8	29/16	1000	...
		33498	50A/VS	24PK	120	120	Inside Frosted—Vibration Service. 24-Pack	C-9	37/8	21/2	1000	550
		33500	50A/VS	24PK	130	120	Inside Frosted—Vibration Service. 24-Pack	C-9	37/8	21/2	1000	550
		16693	50R20		120	60	Reflector-Light Inside Frosted (14)	C-7A	315/16	...	2000	440
		49679	50R20	6PK	120	60	Reflector-Light Inside Frosted. 6-Pack (14)	C-7A	315/16	...	2000	440
		16692	50R20		130	60	Reflector-Light Inside Frosted (14)	C-7A	315/16	...	2000	440
		16697	50R20BW		120	60	Reflector—Blue White (14)	C-7A	315/16	...	2000	...
		16698	50R20PK		120	60	Reflector—Pink (14)	C-7A	315/16	...	2000	...
	▲Medium	41625	50R20/PL	6PK	120	24	Reflector Plant Light— "Gro and Sho." 6-Pack (4,14,56)	C-7A	315/16	21/4	2000	...
	Medium	44429	50ER30		120	24	Elliptical Reflector— Light Inside Frosted (4,35,56)	CC-6	63/8	33/16	2000	525
		11476	50ER30/A		120	24	Elliptical Reflector— Amber (4,35,56)	CC-6	63/8	...	2000	...
		11477	50ER30/A		130	24	Elliptical Reflector— Amber (4,35,56)	CC-6	63/8	...	2000	...
		47878	50ER30/PK		120	24	Elliptical Reflector— Light Inside Frosted— Transparent Pink (4,35,56)	CC-6	63/8	33/16	2000	...
R-30		32118	50R30/FL		120	24	Reflector Floodlight— Inside Frosted	CC-6	53/8	...	2000	...
	43749	50R30/FL	6PK	120	24	Reflector Floodlight— Inside Frosted. 6-Pack	CC-6	53/8	...	2000	...	
T-10	▲Medium	42760	50T10/RS/CL/TF		120	120	Clear—Rough Service. TUFF-SKIN	C-8	55/8	...	1000	...
A-21	Medium	16366	50A21		12	120	Inside Frosted (11,53)	C-6	47/8	37/16	1000	875
★PAR-36 	Screw Terminal	16540	50PAR36NSP		12	12	PAR—Narrow Spotlight. Stippled reflector. Filament shielded	C-6	23/4	...	2000	...
		16541	50PAR36WFL		12	12	PAR—Wide Floodlight. Stippled reflector. Filament shielded	C-6	23/4	...	2000	...
		11468	50PAR36WFL/4		12	12	PAR—Wide Floodlight Stippled reflector. Filament shielded	C-6	23/4	...	4000	...
		16542	50PAR36VWFL		12	12	PAR—Very Wide Floodlight. Stippled reflector. Filament shielded	C-6	23/4	...	2000	...
A-21	Medium	16385	50A21		30	120	Inside Frosted—Train (11)	C-9	47/8	37/16	1000	805
A-19		16108	50A/RS		32	120	Inside Frosted—Rough Service. Train	C-9	37/8	29/16	1000	...
A-21		16390	50A21		34	120	Inside Frosted—Train (11)	C-9	47/8	37/16	1000	...
A-19 		16201	50A19/RS		75	120	Inside Frosted—Rough Service. Train	C-9	37/8	21/2	1000	545
		15985	50A		230	120	Inside Frosted (11)	C-17A	37/8	29/16	1000	490
		15995	50A		250	120	Inside Frosted (11)	C-17A	37/8	29/16	1000	490
		16139	50A/RS		230	120	Inside Frosted—Rough Service	C-22	37/8	29/16	1000	470
		16147	50A/RS		250	120	Inside Frosted—Rough Service	C-22	37/8	29/16	1000	470
		16081	50A/R		250	120	Red	C-17A	37/8	...	1000	...
		16317	50A19		300	120	Inside Frosted	C-17A	37/8	29/16	1000	...
16331		50A19/35		300	120	Clear	C-17A	37/8	29/16	1000	...	

### 50-50 WATTS

P-25	▲3-Contact Mogul	16535	50/50P25/28		120	60	Clear—Marine Running Light. Filaments operated separately. Burn base down	C-5 C-9	51/16	33/16	750	390, 440
T-12	▲3-Contact Medium	16726	50/50T12		115	24	Clear—Marine Running Light. Filaments operated separately. Burn base down	C-5 C-9	55/16	3	750	...

**ENERGY SAVING GE LAMPS shown on this page are printed in green.**




# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
		GE ID No. 043168-									

### 50-100-150 WATTS

	3-Contact Medium	41280	50/150	12PK	120	60	◇ Soft-White—3-Way. 12-Pack (14)	{C-2R CC-8	5 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1500, 1200, 1200	580, 1640, 2220
		38540	50/150	12PK PM	120	60	◇ Soft-White—3-Way. 12-Pack (14) <b>PRICE MARKED</b>	{C-2R CC-8	5 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1500, 1200, 1200	580, 1640, 2220
		41991	50/150/DPK	12PK	120	60	◇ Coloramic—Dawn Pink. 3-Way. 12-Pack (14)	{C-2R CC-8	5 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1500, 1200, 1200	...

### 50-200-250 WATTS

A-23	3-Contact Medium	41282	50/250	12PK	120	60	◇ Soft-White—3-Way. 12-Pack (14)	{C-2R CC-8	5 <sup>3</sup> / <sub>4</sub>	4 <sup>5</sup> / <sub>16</sub>	1500, 1200, 1200	580, 3660, 4240
		16679	50/250	12PK PM	120	60	◇ Soft-White—3-Way. 12-Pack (14) <b>PRICE MARKED</b>	{C-2R CC-8	5 <sup>3</sup> / <sub>4</sub>	4 <sup>5</sup> / <sub>16</sub>	1500, 1200, 1200	580, 3660, 4240


### 52 WATTS—WATT-MISER®

A-19	Medium	11441	52A/WM		120	120	WATT-MISER®—Inside Frosted—Krypton gas filled	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	675
		11443	52A/WM		130	120	WATT-MISER®—Inside Frosted—Krypton gas filled	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	675

### 56 WATTS

A-21	Medium	16738	56A21		120	120	Inside Frosted—Street Railway. Design amps: .519 (41)	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	2000	...
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### 60 WATTS

	Medium	16781	60A		120	120	Inside Frosted (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
		41026	60A	48PK	120	144 ◇	Inside Frosted. 48-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
		40890	60A	48PK PM	120	144 ◇	Inside Frosted. 48-Pack (11) <b>PRICE MARKED</b>	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
		16782	60A		125	120	Inside Frosted (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
		16783	60A		130	120	Inside Frosted (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
		41028	60A/W	48PK	120	144 ◇	Soft-White. 48-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	...	1000	855
		40892	60A/W	48PK PM	120	144 ◇	Soft-White. 48-Pack (11) <b>PRICE MARKED</b>	CC-6	4 <sup>7</sup> / <sub>16</sub>	...	1000	855
		41285	60A/WP	24PK	120	120	Longlife White. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1500	820
		38666	60A/WP	24PK PM	120	120	Longlife White. 24-Pack (11) <b>PRICE MARKED</b>	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1500	820
		16841	60A/CL		120	120	Clear (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
		39322	60A/CL	24PK	120	120	Clear. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
		16843	60A/CL		130	120	Clear (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	870
	▲Medium	33862	60A/TF	24PK	120	120	Clear—TUFF-SKIN. 24-Pack (83)	CC-6	4 <sup>7</sup> / <sub>16</sub>	...	1000	...
		16859	60A/99		120	120	Inside Frosted—Extended Service (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	775
			<b>FOR ENERGY SAVINGS ... Consider 52A/WM 120 Volt</b>									
		33438	60A/99	24PK	120	120	Inside Frosted—Extended Service. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	775
			<b>FOR ENERGY SAVINGS ... Consider 52A/WM 120 Volt</b>									
		16861	60A/99		130	120	Inside Frosted—Extended Service (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	775
			<b>FOR ENERGY SAVINGS ... Consider 52A/WM 130 Volt</b>									

◇ To produce all three levels of light, this lamp should be tightened firmly but not forcibly in the socket to assure that all contacts are connected.

◆ Standard package quantity is considered as 120 lamps in determining standard package count for "size of order" purposes.


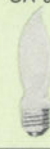


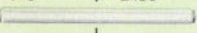
**ENERGY SAVING GE LAMPS shown on this page are printed in green.**



# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
<b>60 WATTS (Continued)</b>											
	Medium	16882	60A/D	120	120	Inside Frosted—Daylight (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	500
		16913	60A/SB	120	120	Inside Frosted—Silvered Bowl (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	740
		41284	60A/Y 24PK	120	120	Yellow-Bug-Lite. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	...	1000	550
		16967	60A/Y 24PK	130	120	Yellow-Bug-Lite. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	...	1000	550
		41993	60A/DPK 24PK	120	120	Coloramic—Dawn Pink. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	...	1000	...
	▲Medium	41624	60A/PL 6PK	120	24	Plant Light—"Gro and Sho". 6-Pack (4)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1000	...
B-10	▲Cand.	37891	60BC 12PK	120	120	Crystal (Clear)—Decorative. Burn base down to horizontal. 12-Pack (85)	CC-2V	4	...	1500	...
		47949	60BC CARDED/2	120	60☆	Crystal (Clear)—Decorative. Burn base down to horizontal. Carded (2 lamps per card) (85)	CC-2V	4	...	1500	...
	Medium	34655	60CAM 12PK	120	120	Crystal (Clear)—Bent Tip—Decorative. 12-Pack	CC-2V	4 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	1500	...
		47948	60CAM CARDED/2	120	60☆	Crystal (Clear)—Bent Tip—Decorative. Carded (2 lamps per card)	CC-2V	4 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	1500	...
		40048	60CAM/4	120	120	Clear—Bent Tip—Decorative. "C-Line." Commercial Service	CC-2V	4 <sup>1</sup> / <sub>2</sub>	...	4000	...
	▲Cand.	34657	60CAC 12PK	120	120	Crystal (Clear)—Bent Tip—Decorative. Burn base down to horizontal. 12-Pack (85)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...
		47946	60CAC CARDED/2	120	60☆	Crystal (Clear)—Bent Tip—Decorative. Burn base down to horizontal. Carded (2 lamps per card)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...
		34658	60CAC/F 12PK	120	120	Satin Frosted—Bent Tip—Decorative. Burn base down to horizontal. 12-Pack (85)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...
		47947	60CAC/F CARDED/2	120	60☆	Satin Frosted—Bent Tip—Decorative. Burn base down to horizontal. Carded (2 lamps per card)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>	1500	...
		40049	60CAC/4	120	120	Clear—Bent Tip—Decorative. "C-Line." Commercial Service. Burn base down to horizontal (85)	CC-2V	4 <sup>5</sup> / <sub>16</sub>	...	4000	...
G-40	Medium	40251	60G40/W	120	24	White—Decorative	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	...
		49780	60GM/W 6PK	120	24	White—Decorative—Moonglow. 6-Pack	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	...
		40250	60G40/CL	120	24	Clear—Decorative	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	...
	Medium	16997	60A21/B	120	120	◇ Blue (11)	C-9	4 <sup>7</sup> / <sub>8</sub>	...	1000	...
		17009	60A21/G	120	120	◇ Green (11)	C-9	4 <sup>7</sup> / <sub>8</sub>	...	1000	...
		16989	60A21/O	120	120	◇ Orange (11)	C-9	4 <sup>7</sup> / <sub>8</sub>	...	1000	...
		17027	60A21/R	120	120	◇ Red (11)	C-9	4 <sup>7</sup> / <sub>8</sub>	...	1000	...
		17028	60A21/R2	120	120	◇ Rose (11)	C-9	4 <sup>7</sup> / <sub>8</sub>	...	1000	...
		17034	60A21/Y	120	120	◇ Yellow (11)	C-9	4 <sup>7</sup> / <sub>8</sub>	...	1000	...
	Disc	17226	L60	120	24	Clear—Lumiline	C-8	17 <sup>3</sup> / <sub>4</sub> °	...	1500	...
		17266	L60/W	120	24	White—Lumiline	C-8	17 <sup>3</sup> / <sub>4</sub> °	...	1500	450
T-10	Medium	17292	60T10/64 24PK	120	192	Clear—Showcase. 24-Pack. Burn base down to horizontal	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	745
		17287	60T10/IF 24PK	120	192	Inside Frosted—Showcase. Burn base down to horizontal. 24-Pack	C-8	5 <sup>5</sup> / <sub>8</sub>	...	1000	...
★PAR-46	Screw Terminal	17207	60PAR	38	12	PAR—Mine Locomotive Headlight (71)	CC-2V	3 <sup>3</sup> / <sub>4</sub>	...	800	...
		17212	60PAR/2/R	38	12	PAR—Red Lens—Train Warning (71)	CC-2V	3 <sup>3</sup> / <sub>4</sub>	...	800	...
A-21	Medium	17122	60A21	230	120	Inside Frosted	C-17A	4 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1000	...

° Average over-all length.

◇ Do not burn in paper-lined sockets.

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.


## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 67 WATTS—WATT-MISER®

A-19	Medium	11444	67A/WM	120	120	WATT-MISER®—Inside Frosted—Krypton gas filled	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	940
		11445	67A/WM	130	120	WATT-MISER®—Inside Frosted—Krypton gas filled	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	940


### 67 WATTS

	▲Medium	38551	67A21/TS	120	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	635
		38552	67A21/TS	125	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	635
		38553	67A21/TS	130	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	635

### 69 WATTS

	▲Medium	17323	69A21/TS	120	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	675
		17324	69A21/TS	125	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	675
		17325	69A21/TS	130	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	675

### 75 WATTS

	Medium	17345	75A	120	120	Inside Frosted (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
		41030	75A 48PK	120	144 ♦	Inside Frosted. 48-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
		40895	75A 48PK PM	120	144 ♦	Inside Frosted. 48-Pack (11) PRICE MARKED	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
		17346	75A	125	120	Inside Frosted (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
		17347	75A	130	120	Inside Frosted (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
		41032	75A/W 48PK	120	144 ♦	Soft-White. 48-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1170
		40897	75A/W 48PK PM	120	144 ♦	Soft-White. 48-Pack (11) PRICE MARKED	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1170
		41287	75A/WP 24PK	120	120	Longlife White. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1500	1075
		38667	75A/WP 24PK PM	120	120	Longlife White. 24-Pack (11) PRICE MARKED	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1500	1075
		17453	75A/CL	120	120	Clear (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
		10428	75A/CL 24PK	120	120	Clear. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
		17455	75A/CL	130	120	Clear (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1190
	▲Medium	17388	75A/99	120	120	Inside Frosted—Extended Service (11) FOR ENERGY SAVINGS... Consider 67A/WM 120 Volt.	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1000
		33475	75A/99 24PK	120	120	Inside Frosted—Extended Service. 24-Pack (11) FOR ENERGY SAVINGS... Consider 67A/WM 120 Volt.	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1000
		17390	75A/99	130	120	Inside Frosted—Extended Service (11) FOR ENERGY SAVINGS... Consider 67A/WM 130 Volt.	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1000
	Medium	41995	75A/DPK 24PK	120	120	Coloramic—Dawn Pink. 24-Pack (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	...	1000	...
		17468	75A/RX	120	120	Red—Exit Light (6,11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	5000 +	...
		41478	75A/RS	120	120	Inside Frosted—Rough Service	C-17	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	750
		41479	75A/RS 24PK	120	120	Inside Frosted—Rough Service. 24-Pack	C-17	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	750
		10791	75A/RS 12PK	120	120	Inside Frosted—"Ruff-Service." 12-Lamp Display Pack	C-17	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	750
		41480	75A/RS	130	120	Inside Frosted—Rough Service	C-17	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	750
		41481	75A/RS 24PK	130	120	Inside Frosted—Rough Service. 24-Pack	C-17	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	750

♦ Standard package quantity is considered as 120 lamps in determining standard package count for "size of order" purposes.

**ENERGY SAVING GE LAMPS shown on this page are printed in green.**



# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
<b>75 WATTS (Continued)</b>											
A-21	▲Medium	41482	75A/RS/TF 24PK	120	120	Clear—Rough Service. TUFF-SKIN. 24-Pack (83)	C-17	5 1/4	...	1000	...
		44217	75A/RT 12PK	120	120	Clear—Rough Service. "Ruff-n' Tuff". TUFF-SKIN. 12-Pack (83)	C-17	5 1/4	...	1000	...
★PAR-38	Medium Skirted	39178	75PAR/FL	120	12	PAR—Projector Floodlight	CC-6	5 5/16	...	2000	765
		43793	75PAR/FL 6PK	120	12	PAR—Projector Floodlight. 6-Pack	CC-6	5 5/16	...	2000	765
		39179	75PAR/FL	130	12	PAR—Projector Floodlight	CC-6	5 5/16	...	2000	765
		39180	75PAR/SP	120	12	PAR—Projector Spotlight	CC-6	5 5/16	...	2000	765
		43791	75PAR/SP 6PK	120	12	PAR—Projector Spotlight. 6-Pack	CC-6	5 5/16	...	2000	765
		39181	75PAR/SP	130	12	PAR—Projector Spotlight	CC-6	5 5/16	...	2000	765
		17685	75PAR38/2FL	120	12	PAR—Cool-Beam—Floodlight. Use only in fixtures specifically approved for Cool-Beam lamps. (14)	CC-6	5 5/16	...	2000	900
		34531	75PAR38/2FL	130	12	PAR—Cool-Beam—Floodlight. Use only in fixtures specifically approved for Cool-Beam lamps. (14)	CC-6	5 5/16	...	2000	900
	Medium Side Prong	17682	75PAR/3FL	120	12	PAR—Compact Projector Floodlight. Support lamp by bulb rim or metal shell of base	CC-6	4 5/16	...	2000	765
		17664	75PAR/3SP	120	12	PAR—Compact Projector Spotlight. Support lamp by bulb rim or metal shell of base	CC-6	4 5/16	...	2000	765
★PAR-46	3-Prong	36473	75PAR46/TS	120	12	PAR—Projector—Pedestrian Signal	CC-6	3 5/16	...	6000	...
R-30	Medium	38207	75R30/FL	120	24	Reflector Floodlight	CC-6	5 3/8	...	2000	900
		49680	75R30/FL 6PK	120	24	Reflector Floodlight. 6-Pack	CC-6	5 3/8	...	2000	900
		38208	75R30/FL	130	24	Reflector Floodlight	CC-6	5 3/8	...	2000	900
	▲Medium	40913	75R30/FL/TF	120	24	Reflector Floodlight—TUFF-SKIN (83)	CC-6	5 3/8	...	2000	...
	Medium	38209	75R30/SP	120	24	Reflector Spotlight	CC-6	5 3/8	...	2000	900
		41933	75R30/SP 6PK	120	24	Reflector Spotlight. 6-Pack	CC-6	5 3/8	...	2000	900
		38210	75R30/SP	130	24	Reflector Spotlight	CC-6	5 3/8	...	2000	900
		38211	75R30/A	120	24	Reflector—Amber	CC-6	5 3/8	...	2000	...
		38212	75R30/B	120	24	Reflector—Blue	CC-6	5 3/8	...	2000	...
		42821	75R30/B 6PK	120	24	Reflector—Blue. 6-Pack	CC-6	5 3/8	...	2000	...
		38213	75R30/BW	120	24	Reflector—Blue-White	CC-6	5 3/8	...	2000	...
		38214	75R30/G	120	24	Reflector—Green	CC-6	5 3/8	...	2000	...
		42822	75R30/G 6PK	120	24	Reflector—Green. 6-Pack	CC-6	5 3/8	...	2000	...
		38215	75R30/PK	120	24	Reflector—Pink	CC-6	5 3/8	...	2000	...
		38216	75R30/R	120	24	Reflector—Red	CC-6	5 3/8	...	2000	...
		42823	75R20/R 6PK	120	24	Reflector—Red. 6-Pack	CC-6	5 3/8	...	2000	...
		38217	75R30/Y	120	24	Reflector—Yellow	CC-6	5 3/8	...	2000	...
		42824	75R30/Y 6PK	120	24	Reflector—Yellow. 6-Pack	CC-6	5 3/8	...	2000	...
	▲Medium	41626	75R30/PL 6PK	120	24	Reflector Plant Light—"Gro and Sho". 6-Pack (4,56)	CC-6	5 3/8	3 3/8	2000	...
ER-30	Medium	37044	75ER30	120	24	Elliptical Reflector—Light Inside Frosted (4,35,56)	CC-6	6 3/8	3 3/16	2000	850
		42850	75ER30	130	24	Elliptical Reflector—Light Inside Frosted (4,35,56)	CC-6	6 3/8	3 3/16	2000	850

**ENERGY SAVING GE LAMPS shown on this page are printed in green.**



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 75 WATTS (Continued)

R-40	Medium	17736	75R/FL	120	24	Reflector Floodlight—Inside Frosted. (4,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		FOR ENERGY SAVINGS... Consider 50ER30 120 Volt.									
G-40	Medium	17738	75R/FL	130	24	Reflector Floodlight—Inside Frosted. (4,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		36193	75GM/W 6PK	120	24	White—Decorative—Moonglow. 6-Pack	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	860
		36194	75G40/W	130	24	White—Decorative	C-9	6 <sup>13</sup> / <sub>16</sub>	...	2500	860
E-17	▲Medium	35782	75E17/TF 12PK	120	120	Post Light—TUFF-SKIN. 12-Pack	CC-6	5	3 <sup>1</sup> / <sub>8</sub>	4000	...
T-10	Medium	17754	75T10/45	120	24	Clear—Showcase	C-23	11 <sup>7</sup> / <sub>8</sub>	...	1000	...
		17749	75T10/1	120	24	Inside Frosted—Showcase	C-23	11 <sup>7</sup> / <sub>8</sub>	...	1000	...
A-21	Medium	17472	75A21	6	120	Inside Frosted (11,53)	C-6	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	...
		17482	75A21	12	120	Inside Frosted (11,53)	C-6	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	...
★PAR-38	Medium Skirted	17667	75PAR/FL	30	12	PAR—Train—Floodlight	C-6	5 <sup>5</sup> / <sub>16</sub>	...	1000	975
		17670	75PAR/FL	36	12	PAR—Marine Floodlight—Fishing Boat	C-6	5 <sup>5</sup> / <sub>16</sub>	...	1000	...
★PAR-46	Screw Terminal	17654	75PAR46	48	12	PAR—Mine Locomotive Headlight. Burn horizontal (71)	CC-2V	3 <sup>3</sup> / <sub>4</sub>	...	800	...
★PAR-36		33869	75PAR36/RS	75	12	PAR—Train Warning—Rough Service	CC-6	2 <sup>3</sup> / <sub>4</sub>	...	500	...
A-21	Medium	17531	75A21	230	120	Inside Frosted (11)	C-7A	5 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>	1000	...

### 90 WATTS—WATT-MISER®

A-19	Medium	11446	90A/WM	120	120	WATT-MISER®—Inside Frosted—Krypton gas filled	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1350
		11447	90A/WM	130	120	WATT-MISER®—Inside Frosted—Krypton gas filled	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1350

### 100 WATTS

	Medium	17931	100A	120	120	Inside Frosted (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
		41034	100A 48PK	120	144 ♦	Inside Frosted. 48-Pack (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
		40900	100A 48PK PM	120	144 ♦	Inside Frosted. 48-Pack (11) PRICE MARKED	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
		17932	100A	125	120	Inside Frosted (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
		17933	100A	130	120	Inside Frosted (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
		41036	100A/W 48PK	120	144 ♦	Soft-White. 48-Pack (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	...	750	1710
		40902	100A/W 48PK PM	120	144 ♦	Soft-White. 48-Pack (11) PRICE MARKED	CC-8	4 <sup>7</sup> / <sub>16</sub>	...	750	1710
		41289	100A/WP 24PK	120	120	Longlife White. 24-Pack (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	...	1500	1585
		38668	100A/WP 24PK PM	120	120	Longlife White. 24-Pack (11) PRICE MARKED	CC-8	4 <sup>7</sup> / <sub>16</sub>	...	1500	1585
		18061	100A/CL	120	120	Clear (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
		39321	100A/CL 24PK	120	120	Clear. 24-Pack (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
		18063	100A/CL	130	120	Clear (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1750
	▲Medium	18114	100A/99	120	120	Inside Frosted—Extended Service (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1490
		FOR ENERGY SAVINGS... Consider 90A/WM 120 Volt.									
		33476	100A/99 24PK	120	120	Inside Frosted—Extended Service. 24-Pack (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1490
	▲Left-Hand Medium	18116	100A/99	130	120	Inside Frosted—Extended Service (11)	CC-8	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2500	1490
		FOR ENERGY SAVINGS... Consider 90A/WM 130 Volt.									
	▲Left-Hand Medium	17995	100A/LHT	120	120	Inside Frosted—Left-hand threaded base (11)	CC-6	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	750	1690

♦ Standard package quantity is considered as 120 lamps in determining standard package count for "size of order" purposes.



**ENERGY SAVING GE LAMPS shown on this page are printed in green.**



# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
<b>100 WATTS (Continued)</b>											
	Medium	18212	100A21	120	120	Inside Frosted (11)	CC-6	5 1/4	3 7/8	750	1690
		18216	100A21	125	120	Inside Frosted (11)	CC-6	5 1/4	3 7/8	750	1690
		18221	100A21	130	120	Inside Frosted (11)	CC-6	5 1/4	3 7/8	750	1690
		33867	100A21/TF	120	120	Clear—TUFF-SKIN (83)	CC-6	5 1/4	...	750	...
		18257	100A21/99	120	120	Inside Frosted—Extended Service (11)	CC-6	5 1/4	3 7/8	2500	1440
	Medium	18259	100A21/99	130	120	Inside Frosted—Extended Service (11)	CC-6	5 1/4	3 7/8	2500	1440
		18301	100A/RS	120	120	Inside Frosted—Rough Service (11)	C-17	5 1/4	3 13/16	1000	1260
		33448	100A/RS 24PK	120	120	Inside Frosted—Rough Service. 24-Pack (11)	C-17	5 1/4	3 13/16	1000	1260
		10790	100A/RS 12PK	120	120	Inside Frosted—"Ruff-Service." 12-Lamp Display Pack (11)	C-17	5 1/4	3 13/16	1000	1260
		18303	100A/RS	130	120	Inside Frosted—Rough Service (11)	C-17	5 1/4	3 13/16	1000	1260
		33450	100A/RS 24PK	130	120	Inside Frosted—Rough Service. 24-Pack (11)	C-17	5 1/4	3 13/16	1000	1260
	▲Medium	33861	100A/RS/TF	120	120	Clear—Rough Service. TUFF-SKIN (83)	C-17	5 1/4	...	1000	...
	Medium	33445	100A/CL/RS 24PK	120	120	Clear—Rough Service. 24-Pack (11)	C-17	5 1/4	3 13/16	1000	...
		33447	100A/CL/RS 24PK	130	120	Clear—Rough Service. 24-Pack (11)	C-17	5 1/4	3 13/16	1000	...
A-23	Medium	33454	100A23/VS 24PK	120	120	Inside Frosted—Vibration Service. 24-Pack (12)	C-9	5 15/16	4 7/16	1000	1340
		33456	100A23/VS 24PK	130	120	Inside Frosted—Vibration Service. 24-Pack (12)	C-9	5 15/16	4 7/16	1000	1340
	Medium	18487	100A/D	120	120	Inside Frosted—Daylight (11)	CC-6	5 15/16	4 7/16	750	910
A-21	Medium	18428	100A/1SBIF	120	120	Inside Frosted—Silvered Bowl (11,28)	CC-6	5 1/4	3 7/8	1000	...
		41518	100A21/SB	120	120	Clear—Silvered Bowl (11,28)	CC-6	5 1/4	3 7/8	1000	...
A-23	Medium	18502	100A/SB	120	120	Inside Frosted—Silvered Bowl (11,28)	CC-6	5 15/16	4 7/16	750	1470
A-19	Medium	41291	100A/Y 24PK	120	120	◇ Yellow-Bug-Lite. 24-Pack (11)	CC-8	4 7/16	...	1000	1010
		18265	100A/Y 24PK	130	120	◇ Yellow-Bug-Lite. 24-Pack (11)	CC-8	4 7/16	...	1000	1010
A-21	Medium	41997	100A/DPK 24PK	120	120	◇ Coloramic—Dawn Pink. 24-Pack (11)	CC-6	5 1/4	...	1000	...
G-40	Medium	39627	100G40/W	120	24	White—Decorative	C-9	6 13/16	...	2500	1160
		49781	100GM/W 6PK	120	24	White—Decorative—Moonglow. 6-Pack	C-9	6 13/16	...	2500	1160
		39851	100G40/CL	120	24	Clear—Decorative	C-9	6 13/16	...	2500	1300
A-23	Medium	18599	100A/B	120	120	◇ Blue (11)	CC-6	5 15/16	...	750	...
		18610	100A/G	120	120	◇ Green (11)	CC-6	5 15/16	...	750	...
		18594	100A/O	120	120	◇ Orange (11)	CC-6	5 15/16	...	750	...
		18632	100A/R	120	120	◇ Red (11)	CC-6	5 15/16	...	750	...
		18363	100A21/TS	120	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 3/8	2 7/16	3000	1280
	▲Medium	18365	100A21/TS	130	120	Clear—Traffic Signal. Burn base down to horizontal	C-9	4 3/8	2 7/16	3000	1280
		18386	100A21/SP	120	120	Clear—Spotlight (11)	C-5	4 3/8	3	200	1340
		17860	100A21/4SP	120	120	Light Inside Frosted—Spotlight (11)	C-5	4 3/8	3	200	...
		18449	100A23	120	120	Inside Frosted (11)	CC-6	5 15/16	4 7/16	750	...
A-23	▲Medium	18542	100A23/20	120	120	Clear—Commercial Oven (11)	CC-6	5 15/16	4 7/16	1000	...




◇ Do not burn in paper-lined sockets.



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
<b>100 WATTS (Continued)</b>											
	S.C. Bay.	18717	100G16 1/2 /29SC	120	60	Clear—Spotlight. Burn base down to horizontal (7,86,99)	CC-13	3	1 3/8	200	1660
		18719	100G16 1/2 /29SC	130	60	Clear—Spotlight. Burn base down to horizontal (7,86,99)	CC-13	3	1 3/8	200	1660
	D.C. Bay.	18721	100G16 1/2 /29DC	120	60	Clear—Spotlight. Burn base down to horizontal (7,86,99)	CC-13	3	1 3/8	200	1660
		18723	100G16 1/2 /29DC	130	60	Clear—Spotlight. Burn base down to horizontal (7,86,99)	CC-13	3	1 3/8	200	1660
	Medium Skirted	44709	100PAR/FL	120	12	PAR—Clear—Projector Floodlight (14,56,96)	CC-6	5 5/16	...	2000	1200
		44708	100PAR/SP	120	12	PAR—Clear—Projector Spotlight (14,56,96)	CC-6	5 5/16	...	2000	1200
		49684	100PAR/A 6PK	120	12	PAR—Projector Flood. Silicone Amber. 6-Pack (14,56,96)	CC-6	5 5/16	...	2000	...
		49685	100PAR/B 6PK	120	12	PAR—Projector Flood. Silicone Blue. 6-Pack (14,56,96)	CC-6	5 5/16	...	2000	...
		49686	100PAR/BW 6PK	120	12	PAR—Projector Flood. Silicone Blue-White. 6-Pack (14,56,96)	CC-6	5 5/16	...	2000	...
		49687	100PAR/G 6PK	120	12	PAR—Projector Flood. Silicone Green. 6-Pack (14,56,96)	CC-6	5 5/16	...	2000	...
		49688	100PAR/PK 6PK	120	12	PAR—Projector Flood. Silicone Pink. 6-Pack (14,56,96)	CC-6	5 5/16	...	2000	...
		49689	100PAR/R 6PK	120	12	PAR—Projector Flood. Silicone Red. 6-Pack (14,56,96)	CC-6	5 5/16	...	2000	...
		49690	100PAR/Y 6PK	120	12	PAR—Projector Flood. Silicone Yellow. 6-Pack (14,56,96)	CC-6	5 5/16	...	2000	...
		18871	100R/FL	120	24	Reflector Floodlight—Inside Frosted (4,35,56) <b>FOR ENERGY SAVINGS... Consider 75ER30 120 Volt.</b>	CC-6	6 9/16	...	2000	...
R-40	Medium	18873	100R/FL	130	24	Reflector Floodlight—Inside Frosted (4,35,56) <b>FOR ENERGY SAVINGS... Consider 75ER30 130 Volt.</b>	CC-6	6 9/16	...	2000	...
		18876	100R/SP	120	24	Reflector Spotlight—Light Inside Frosted (4,35,56)	CC-6	6 9/16	...	2000	...
		18898	100T8 1/2 /9	120	24	Clear—Microscope. Burn base down, within 30° of vertical. ANSI: EDR (86,99)	CC-13	5 3/8	3	50	1920
	▲Medium	18898	100T8 1/2 /9	120	24	Clear—Microscope. Burn base down, within 30° of vertical. ANSI: EDR (86,99)	CC-13	5 3/8	3	50	1920
	★T-10	18905	100T10/7	6	24	Clear—Contour Projection. Filament offset. 100" ± .030" from base axis. Burn base down only. ANSI: CPS (86,99)	C-6	5 1/2	2 3/16	50	...
	Medium Prefocus	18907	100T10P	6	24	Clear—Contour Projection. Filament offset. 100" ± .030" from base axis. Burn base down only. ANSI: CPT (86,99)	C-6	5 3/4	2 3/16	50	...
A-23	Medium	18512	100A23	12	120	Inside Frosted (11,53)	C-6	5 15/16	4 7/16	1000	...
★PAR-38	Medium Side Prong	18822	100PAR38/FL	12	12	PAR—Mine Floodlight (58)	C-6	4 5/16	...	1000	1400
	Medium Skirted	18824	100PAR38/2FL	12	12	PAR—Projector Floodlight (14,56,96)	C-6	5 5/16	...	1000	1400
T-8	S.C. Bay.	18881	100T8/1SC	20	24	Clear—Contour Map. Source WxH: 4.5x3.0mm. ANSI: BZA. Burn base up (8,31,61,86,94)	CC-6	3	2 3/16	50	...
A-21	Medium	18290	100A/RS	30	120	Inside Frosted—Rough Service (11)	C-9	5 1/4	3 13/16	1000	...
	▲Medium	17845	100A21/3	32	120	Clear—Locomotive Headlight (13)	C-5	4 3/8	3	500	1610
A-23	Medium	17904	100A	34	120	Inside Frosted—Train (11)	C-9	5 15/16	4 7/16	1000	2160
★PAR-46	Screw Terminal	34465	100PAR46	60	12	PAR—Mine Locomotive Headlight (71)	CC-2V	3 3/4	...	800	...
A-21	Medium	17976	100A	230	120	Inside Frosted (11)	C-7A	5 1/4	3 13/16	1000	1280
		17983	100A	250	120	Inside Frosted (11)	C-7A	5 1/4	3 13/16	1000	1280
	▲Medium	18346	100A/99	230-250	120	Inside Frosted—Extended Service (11)	C-7A	5 1/4	3 13/16	2500	...
	Medium	18334	100A/RS	250	120	Inside Frosted—Rough Service (11)	C-17	5 1/4	3 13/16	1000	960
		17990	100A	277	120	Inside Frosted (11,32)	C-7A	5 1/4	3 13/16	1000	...



# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS


Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 100-100 WATTS

P-25	▲3-Contact Mogul	18818	100/100P25/29	120	60	Clear—Marine Running Light. Filaments operated separately. Burn base down only.	{C-5 C-9	5 <sup>1</sup> / <sub>16</sub>	3 <sup>5</sup> / <sub>16</sub>	750	1080, 1160
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### 100-200-300 WATTS

	3-Contact Mogul	41459	100/300 6PK	120	30	◇ Soft-White—3-Way. Burn base down only. 6-Pack	{C-2R CC-8	6 <sup>11</sup> / <sub>16</sub>	...	1500, 1200, 1200	1320, 3620, 4940
		41458	100/300 6PK PM	120	30	◇ Soft-White—3-Way. Burn base down only. 6-Pack <b>PRICE MARKED</b>	{C-2R CC-8	6 <sup>11</sup> / <sub>16</sub>	...	1500, 1200, 1200	1320, 3620, 4940
		18780	100/300/2	120	60	◇ Soft-White—3-Way. Neck of bulb coated red from base to maximum bulb diameter. Burn base down only.	{C-2R CC-8	6 <sup>11</sup> / <sub>16</sub>	...	1200	...


### 110 WATTS

R-30	▲Medium	18980	110R30/FL/RS	120	24	Reflector Floodlight—Inside Frosted. Rough Service	C-17	5 <sup>3</sup> / <sub>8</sub>	...	2000	...
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### 116 WATTS

	▲Medium	19008	116A21/TS	120	120	Clear—Traffic Signal. Rated watts: 114. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	1280
		19009	116A21/TS	125	120	Clear—Traffic Signal. Rated watts: 114. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	1280
		19010	116A21/TS	130	120	Clear—Traffic Signal. Rated watts: 114. Burn base down to horizontal	C-9	4 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	8000	1280

### 120 WATTS

	Medium	41607	120ER40	120	24	Elliptical Reflector—Light Inside Frosted (4,35,56)	CC-6	7 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2000	1475
		43231	120ER40	130	24	Elliptical Reflector—Light Inside Frosted (4,35,56)	CC-6	7 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2000	1475
★PAR-56	Screw Terminal	19023	120PAR56VNSP	12	12	PAR—Very Narrow Spotlight	C-6	4 <sup>1</sup> / <sub>2</sub>	...	2000	...
		19024	120PAR56MFL	12	12	PAR—Medium Floodlight	C-6	4 <sup>1</sup> / <sub>2</sub>	...	2000	...
		19025	120PAR56WFL	12	12	PAR—Wide Floodlight	C-6	4 <sup>1</sup> / <sub>2</sub>	...	2000	1250

### 125 WATTS

G-16 <sup>1</sup> / <sub>2</sub>	D.C. Bay.	19031	125G16 <sup>1</sup> / <sub>2</sub> DC	120	60	Clear—Spotlight. Burn base down to horizontal (7,86,99)	CC-13B	3	1 <sup>1</sup> / <sub>2</sub>	600	...
R-40	Medium Skirted	19048	125R40	115	24	Reflector Infrared—Industrial—Light Inside Frosted (4,35,56)	C-9	7 <sup>3</sup> / <sub>8</sub>	...	5000+ (6)	...
T-10	Medium Prefocus	19053	125T10P	120	24	Clear—Spotlight Burn base down, within 30° of vertical	C-13B	5 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	500	1820

### 150 WATTS

A-21	Medium	19168	150A	120	60	Inside Frosted (11)	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2880
		41294	150A 24PK	120	120★	Inside Frosted. 24-Pack (11)	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2880
		19170	150A 24PK PM	120	120★	Inside Frosted. 24-Pack (11) <b>PRICE MARKED</b>	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2880

◇ To produce all three levels of light, this lamp should be tightened firmly but not forcibly in the socket to assure that all contacts are connected.

★ Standard package quantity is considered as 60 lamps in determining standard package count for "size of order" purposes.

**ENERGY SAVING GE LAMPS shown on this page are printed in green.**



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 150 WATTS (Continued)

A-21	Medium	33008	150A	125	60	Inside Frosted (11)	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2880
		33009	150A	130	60	Inside Frosted (11)	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2880
		10429	150A/W 12PK	120	60	Soft-White. 12-Pack (11)	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2790
		10434	150A/W 12PK PM	120	60	Soft-White. 12-Pack (11) PRICE MARKED	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2790
		19171	150A/CL	120	60	Clear (46)	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2880
		33011	150A/CL	130	60	Clear (46)	CC-8	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	750	2880
A-23	Medium	19080	150A23	120	60	Inside Frosted (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	2780
		19081	150A23	125	60	Inside Frosted (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	2780
		19082	150A23	130	60	Inside Frosted (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	2780
		19220	150A23/CL	120	60	Clear (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	2780
		19204	150A23/99	120	60	Inside Frosted— Extended Service (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	2310
		19206	150A23/99	130	60	Inside Frosted— Extended Service (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	2310
		19212	150A23/99CL	120	60	Clear—Extended Service (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	2310
		19214	150A23/99CL	130	60	Clear—Extended Service (11)	CC-6	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	2310
		33460	150A/RS 24PK	120	72	Inside Frosted—Rough Service. 24-Pack (11)	C-17	5 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	1000	...
		33462	150A/RS 24PK	130	72	Inside Frosted—Rough Service. 24-Pack (11)	C-17	5 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	1000	...
PS-25	Medium	19528	150	120	60	Inside Frosted (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	2680
		19529	150	125	60	Inside Frosted (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	2680
		19530	150	130	60	Inside Frosted (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	2680
		33866	150PS25/TF	120	60	Clear—TUFF-SKIN (83)	C-9	6 <sup>15</sup> / <sub>16</sub>	...	1000	...
		19561	150/CL	120	60	Clear (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	2680
		19563	150/CL	130	60	Clear (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	2680
		19656	150/99	120	60	Inside Frosted— Extended Service (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	2500	2300
		19658	150/99	130	60	Inside Frosted— Extended Service (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	2500	2300
		19668	150/99CL	130	60	Clear—Extended Service (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	2500	2300
		19616	150/RS	120	60	Inside Frosted—Rough Service (11)	C-17	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	2160
		19618	150/RS	130	60	Inside Frosted—Rough Service (11)	C-17	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	2160
		33860	150/RS/TF	120	60	Clear—Rough Service. TUFF-SKIN (83)	C-17	6 <sup>15</sup> / <sub>16</sub>	...	1000	...
		19629	150/CL/RS	120	60	Clear—Rough Service (11)	C-17	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	...
		19631	150/CL/RS	130	60	Clear—Rough Service (11)	C-17	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	...
		33463	150/VS 24PK	120	72	Inside Frosted—Vibration Service. 24-Pack (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	2400
		33465	150/VS 24PK	130	72	Inside Frosted—Vibration Service. 24-Pack (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	2400
		19651	150/CL/VS	130	60	Clear—Vibration Service (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	...
		19606	150PS25/Y	120	60	Yellow—Bug-Lite (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	1560
		19584	150/D	120	60	Inside Frosted—Daylight (11)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	...
		19597	150/SB	120	60	Inside Frosted—Silvered Bowl (11,28)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	2370
		19599	150/SB	130	60	Inside Frosted—Silvered Bowl (11,28)	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	2370









# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
		GE ID No. 043168-									

### 150 WATTS (Continued)


	Medium Skirted	39182	150PAR/FL	120	12	PAR-Projector Floodlight (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		19459	150PAR/FL 6PK	120	12	PAR-Projector Floodlight. 6-Pack (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		39183	150PAR/FL	130	12	PAR-Projector Floodlight (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		34214	150PAR/WFL	120	12	PAR—Projector Wide Floodlight (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		34215	150PAR/WFL	130	12	PAR—Projector Wide Floodlight (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		19413	150PAR38/2FL	120	12	PAR—Cool-Beam—Floodlight. Use only in fixtures specifically approved for Cool-Beam lamps. (14)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	2000
		34532	150PAR38/2FL	130	12	PAR—Cool-Beam—Floodlight. Use only in fixtures specifically approved for Cool-Beam lamps. (14)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	2000
	Medium Side Prong	19503	150PAR/3FL	120	12	PAR—Compact Projector Floodlight. Support lamp by bulb rim or metal shell of base	CC-6	4 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		19505	150PAR/3FL	130	12	PAR—Compact Projector Floodlight. Support lamp by bulb rim or metal shell of base	CC-6	4 <sup>5</sup> / <sub>16</sub>	...	2000	1740
	Medium Skirted	39184	150PAR/SP	120	12	PAR—Clear—Projector Spotlight (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		43795	150PAR/SP 6PK	120	12	PAR—Clear—Projector Spotlight. 6-Pack (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		39185	150PAR/SP	130	12	PAR—Clear—Projector Spotlight (14,56,96)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		19481	150PAR38/2SP	120	12	PAR—Cool-Beam—Spotlight. Use only in fixtures specifically approved for Cool-Beam lamps. (14)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		34533	150PAR38/2SP	130	12	PAR—Cool-Beam—Spotlight. Use only in fixtures specifically approved for Cool-Beam lamps. (14)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	1740
	Medium Side Prong	19487	150PAR/3SP	120	12	PAR—Clear—Compact Projector Spotlight. Support lamp by bulb rim or metal shell of base	CC-6	4 <sup>5</sup> / <sub>16</sub>	...	2000	1740
		19489	150PAR/3SP	130	12	PAR—Clear—Compact Projector Spotlight. Support lamp by bulb rim or metal shell of base	CC-6	4 <sup>5</sup> / <sub>16</sub>	...	2000	1740
	Medium Skirted	19464	150PAR/FL/A	120	12	PAR—Projector Floodlight—Dichro Amber (14,79)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	...
		19465	150PAR/FL/B	120	12	PAR—Projector Floodlight—Dichro Blue (14,79)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	...
		19467	150PAR/FL/G	120	12	PAR—Projector Floodlight—Dichro Green (14,79)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	...
		19468	150PAR/FL/R	120	12	PAR—Projector Floodlight—Dichro Red (14,79)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	...
		19469	150PAR/FL/Y	120	12	PAR—Projector Floodlight—Dichro Yellow (14,79)	CC-6	5 <sup>5</sup> / <sub>16</sub>	...	2000	...
	Medium Side Prong	47577	150PAR46/M/NSP	120	12	PAR—Clear—Narrow Spotlight (14,56,96)	CC-13	5 <sup>1</sup> / <sub>8</sub>	...	2000	1500
		49782	150PAR46/M/MFL	120	12	PAR—Clear—Medium Floodlight (14,56,96)	CC-13	5 <sup>1</sup> / <sub>8</sub>	...	2000	1500
		41966	150PAR46/3NSP	125	12	PAR—Clear—Narrow Spotlight. Support lamp by bulb rim or metal shell of base (15,56)	CC-13	4	...	2000	1500
		41968	150PAR46/3MFL	125	12	PAR—Medium Floodlight. Support lamp by bulb rim or metal shell of base (15,56)	CC-13	4	...	2000	1500



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC- DC Vendor Item No.  GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
<b>150 WATTS (Continued)</b>											
★PAR-46	Screw Terminal	19517	150PAR46	125	12	PAR—Clear—Mine Locomotive Headlight	C-13	3 <sup>3</sup> / <sub>4</sub>	...	1000	...
★PAR-38	Medium Side Prong	44933	150PAR/3VWFL	125	12	PAR—Clear—Mine—Very Wide Floodlight. Burning position: prongs up or down (56,58,96)	C-13	4 <sup>5</sup> / <sub>16</sub>	...	1000	...
		19497	150PAR/4	125	12	PAR—Clear—Mine. Burning position: prongs up or down (56,58,96)	C-13	4 <sup>5</sup> / <sub>16</sub>	...	2000	...
	Medium Skirted	19509	150PAR/5	125	12	PAR—Clear—Mine. Burning position: locating lug up or down. Support lamp by bulb rim (14,56,96)	C-13	5 <sup>5</sup> / <sub>16</sub>	...	2000	...
★PAR-46	Screw Terminal	19518	150PAR46/3	175	12	PAR—Clear—Mine Locomotive Headlight (71)	C-13	3 <sup>3</sup> / <sub>4</sub>	...	800	...
R-40 	Medium	19797	150R/FL	120	24	Reflector Floodlight—Inside Frosted. ANSI: DWC (4,14,35,56) <b>FOR ENERGY SAVINGS... Consider 120ER40 120 Volt.</b>	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	1900
		49681	150R/FL 6PK	120	24	Reflector Floodlight—Inside Frosted. 6-Pack (4,14,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	1900
		19799	150R/FL	130	24	Reflector Floodlight—Inside Frosted (4,14,35,56) <b>FOR ENERGY SAVINGS... Consider 120ER40 130 Volt.</b>	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	1900
		40915	150R/FL/TF	130	24	Reflector Floodlight—Inside Frosted. TUFF-SKIN (4,14,35,56,83)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		19783	150R/SP	120	24	Reflector Spotlight—Light I.F. (4,14,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	1900
		41935	150R/SP 6PK	120	24	Reflector Spotlight—Light I.F. 6-Pack (4,14,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	1900
		19785	150R/SP	130	24	Reflector Spotlight—Light I.F. (4,14,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	1900
		19844	150R/A	120	24	Reflector—Amber (14,35,36)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		19823	150R/B	120	24	Reflector—Blue (14,35,36)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		19827	150R/BW	120	24	Reflector—Blue-White (14,35,36)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		19831	150R/G	120	24	Reflector—Green (14,35,36)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		19835	150R/PK	120	24	Reflector—Pink (14,35,36)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		19841	150R/R	120	24	Reflector—Red (14,35,36)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		19851	150R/Y	120	24	Reflector—Yellow (14,35,36)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
	▲Medium	41627	150R40/PL 6PK	120	24	Reflector Plant Light—"Gro and Sho". Silicone Blue Coated. 6-Pack (4,14,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	2000	...
	Medium	44674	150R40/TB	120	24	Jewelry Light—Reflector. Transparent Daylight Blue. Burn base up to horizontal (4,14,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
		44675	150R40/TB	130	24	Jewelry Light—Reflector. Transparent Daylight Blue. Burn base up to horizontal (4,14,35,56)	CC-6	6 <sup>9</sup> / <sub>16</sub>	...	2000	...
P-25	▲Medium	19374	150P25/10	130	60	Light Inside Frosted—Spotlight. Hard glass button	C-5	4 <sup>3</sup> / <sub>4</sub>	3	200	2100
		19334	150P25/2SB	120	60	Clear—Spotlight. Silvered Bowl. Hard glass button (28)	C-5	4 <sup>3</sup> / <sub>4</sub>	...	200	...
PS-30		32798	150PS30/1	120	60	Clear—Reflector— Silvered Neck	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	...



# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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## 150 WATTS (Continued)

★PAR-38	Medium Side Prong	43684	150PAR38/FL	12	12	PAR—Mine Floodlight. Burning position: prongs up or down (56,58,96)	C-6	4 <sup>5</sup> / <sub>16</sub>	...	1000	...
		19410	150PAR38	32	12	PAR—Mine Spotlight. Burning position: prongs up or down (56,58,96)	CC-8	4 <sup>5</sup> / <sub>16</sub>	...	1000	...
★PAR-46	Screw Terminal	19512	150PAR46/1	32	12	PAR—Clear—Mine Locomotive Headlight	CC-8	3 <sup>3</sup> / <sub>4</sub>	...	800	...
PS-25	Medium	19744	150PS25/IF	250	60	Inside Frosted (11)	C-7A	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	...
		19692	150PS25	230	60	Clear (11)	C-7A	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1000	...
PS-30		19756	150PS30	230-250	60	Clear—Reflector—Silvered Neck (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	...

## 150-250-400 WATTS

PS-35	3-Contact Mogul	19775	150/400CL	120	24	Clear—Medical Spotlight. 3-Way (11)	2C-7A	9 <sup>3</sup> / <sub>8</sub>	7	200	...
		19768	150/400	120	24	Inside Frosted—Medical Spotlight. 3-Way (11)	2C-7A	9 <sup>3</sup> / <sub>8</sub>	7	200	...

## 200 WATTS

	Medium	20049	200A/CL	120	60	Clear (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	4010
		20051	200A/CL	130	60	Clear (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	4010
		20028	200A	120	60	Inside Frosted (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	4010
		20019	200A 12PK	120	60	Inside Frosted. 12-Pack (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	4010
		20030	200A	130	60	Inside Frosted (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	750	4010
	▲Medium	20076	200A/99	120	60	Inside Frosted—Extended Service (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	3410
		33480	200A/99 24PK	120	120★	Inside Frosted—Extended Service. 24-Pack (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	3410
		20078	200A/99	130	60	Inside Frosted—Extended Service (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	3410
	Medium	20081	200A/99CL	130	60	Clear—Extended Service (11)	CC-8	6 <sup>3</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	2500	...
		20170	200	120	60	Clear (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	3710
		20171	200	125	60	Clear (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	3710
	▲Medium	20172	200	130	60	Clear (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	3710
		33865	200PS30/TF	120	60	Clear—TUFF-SKIN (83)	C-9	8 <sup>1</sup> / <sub>16</sub>	...	1000	...
		20250	200/IF	120	60	Inside Frosted (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	3710
	Medium	20251	200/IF	125	60	Inside Frosted (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	3710
		20252	200/IF	130	60	Inside Frosted (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	3710
		20424	200PS30/12	120	60	Clear (11)	C-9	8 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	750	...
	Mogul	20426	200PS30/12	130	60	Clear (11)	C-9	8 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	750	...
		20341	200/99	120	60	Clear—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	3260
		20343	200/99	130	60	Clear—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	3260
	▲Medium	20352	200/99IF	120	60	Inside Frosted—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	...
		20354	200/99IF	130	60	Inside Frosted—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	...
	Medium	33466	200PS30/23 24PK	120	72	Inside Frosted—Rough Service. 24-Pack (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	3400
		33468	200PS30/23 24PK	130	72	Inside Frosted—Rough Service. 24-Pack (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	3400

★ Standard package quantity is considered as 60 lamps in determining standard package count for "size of order" purposes.




# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 200 WATTS (Continued)

	PS-30	▲Medium	33859	200PS30/RS/TF	120	60	Clear—Rough Service. TUFF-SKIN (83)	C-9	8 <sup>1</sup> / <sub>16</sub>	...	1000	...
		Medium	20401	200PS30/24	120	60	Clear—Rough Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	3400
			20403	200PS30/24	130	60	Clear—Rough Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	3400
			20316	200/SBIF	120	60	Inside Frosted—Silvered Bowl (11,28)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	3320
			20318	200/SBIF	130	60	Inside Frosted—Silvered Bowl (11,28)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	3320
★PAR-46	Medium Side Prong		20115	200PAR46/3NSP	120	12	PAR—Narrow Spotlight (15,58)	CC-13	4	...	2000	2300
			20117	200PAR46/3NSP	130	12	PAR—Narrow Spotlight (15,58)	CC-13	4	...	2000	2300
			20138	200PAR46/3MFL	120	12	PAR—Medium Floodlight (15,58)	CC-13	4	...	2000	2300
			20140	200PAR46/3MFL	130	12	PAR—Medium Floodlight (15,58)	CC-13	4	...	2000	2300
★PAR-56	Mogul End Prong		49889	200PAR56/MFL	120	12	PAR—Medium Floodlight (15,56,59)	CC-13	5	...	2000	...
	Screw Terminal		20122	200PAR	30	12	PAR—Locomotive Headlight (2)	CC-8	4 <sup>1</sup> / <sub>2</sub>	...	500	...
PS-30	Medium		20192	200	250	60	Clear (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	2980
			20283	200/IF	250	60	Inside Frosted (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	2980
			20195	200	277	60	Clear (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	...
			20201	200	300	60	Clear (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	...
	▲Medium		20348	200/99	230-250	60	Clear—Extended Service (11)	C-7A	8 <sup>1</sup> / <sub>16</sub>	6	2500	...
			20349	200/99IF	230-250	60	Inside Frosted—Extended Service (11)	C-7A	8 <sup>1</sup> / <sub>16</sub>	6	2500	...
	Medium		20468	200PS30/RS	250	60	Clear—Rough Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	1000	...

### 240 WATTS

★PAR-56	Screw Terminal		20575	240PAR56VNSP	12	12	PAR—Very Narrow Spotlight (15)	C-6	4 <sup>1</sup> / <sub>2</sub>	...	2000	...
			20576	240PAR56MFL	12	12	PAR—Medium Floodlight (15)	C-6	4 <sup>1</sup> / <sub>2</sub>	...	2000	...
			20577	240PAR56WFL	12	12	PAR—Wide Floodlight (15)	C-6	4 <sup>1</sup> / <sub>2</sub>	...	2000	2750

### 250 WATTS






G-30	Medium Skirted		20629	250G30	120	60	Clear—Infrared—Industrial (2A,14,56)	C-7A	7 <sup>3</sup> / <sub>16</sub>	5	5000+ (6)	...
	▲Medium		20589	250G/SP	120	60	Clear—Stage/Studio Spotlight. Burn base down to horizontal (86,99)	C-5	5 <sup>1</sup> / <sub>8</sub>	3	200	4500
			20604	250G/FL	120	60	Clear—Floodlight. Burn base down to horizontal (86,99)	C-5	5 <sup>1</sup> / <sub>8</sub>	3	800	3650
P-25			20693	250P25	120	60	Clear—Locomotive Headlight (13)	C-5	4 <sup>3</sup> / <sub>4</sub>	3	500	3700
R-40			20725	250R40/1	120	24	Reflector—Infrared Heat (2A,4,14,34,56,94)	C-9	6 <sup>9</sup> / <sub>16</sub>	...	5000+ (6)	...
			37770	250R40/1 6PK	120	30	Reflector—Infrared Heat. 6-Pack (2A,4,14,34,56,94)	C-9	6 <sup>9</sup> / <sub>16</sub>	...	5000+ (6)	...
★R-40			37771	250R40/10 6PK	120	30	Reflector—Infrared Heat—Red bowl. 6-Pack (2A,4,14,34,56,94)	C-9	6 <sup>3</sup> / <sub>4</sub>	...	5000+ (6)	...
R-40	Medium Skirted		20724	250R40/4	120	24	Reflector Infrared—Industrial (14,34)	C-9	7 <sup>3</sup> / <sub>8</sub>	...	5000+ (6)	...
★R-40			20723	250R40/5	120	24	Reflector Infrared—Industrial (14,35,36,56)	C-9	7 <sup>1</sup> / <sub>2</sub>	...	5000+ (6)	...
T-14	▲Medium		20754	250T14/1	120	24	Clear—Lighthouse. Burning position: base down only	C-5	5 <sup>1</sup> / <sub>2</sub>	3	800	...
★T-20	Medium Prefocus		20762	250T20/47	120	24	Clear—Stage/Studio Spotlight. Burn base down to horizontal	C-13	5 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	200	...
P-25	▲Medium		20681	250P25	32	60	Clear—Locomotive Headlight (13)	C-5A	4 <sup>3</sup> / <sub>4</sub>	3	500	4650



# INCANDESCENT LAMPS

## GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
<b>300 WATTS</b>											
	Medium	20861	300M	120	60	Clear (11)	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	6360
		20863	300M	130	60	Clear (11)	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	6360
		20915	300M/IF	120	60	Inside Frosted (11)	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	6360
		41058	300M/IF 12PK	120	60	Inside Frosted. 12-Pack (11)	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	6360
		20917	300M/IF	130	60	Inside Frosted (11)	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	750	6360
	▲Medium	20885	300M/99	120	60	Clear—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	5190
		20887	300M/99	130	60	Clear—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	5190
		20892	300M/99IF	120	60	Inside Frosted—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	...
		33483	300M/99IF 24PK	120	72	Inside Frosted—Extended Service. 24-Pack (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	...
		20894	300M/99IF	130	60	Inside Frosted—Extended Service (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	2500	...
	Medium	20942	300M/PS30/IF	120	60	Inside Frosted (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	6110
		20944	300M/PS30/IF	130	60	Inside Frosted (11)	C-9	8 <sup>1</sup> / <sub>16</sub>	6	750	6110
	Medium Skirted	20991	300MS/SBIF	120	24	Inside Frosted—Silvered Bowl. Burn base up (14)	C-9	9 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>2</sub>	1000	...
	Mogul	21023	300	120	24	Clear (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5820
		21024	300	125	24	Clear (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5820
		21025	300	130	24	Clear (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5820
		21077	300/IF	120	24	Inside Frosted (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5820
		21079	300/IF	130	24	Inside Frosted (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5820
	▲Mogul	21165	300/99	120	24	Clear—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	2500	5190
		21167	300/99	130	24	Clear—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	2500	5190
		21175	300/99IF	120	24	Inside Frosted—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	2500	...
		21177	300/99IF	130	24	Inside Frosted—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	2500	...
		21115	300/RS	120	24	Clear—Rough Service (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5340
		21117	300/RS	130	24	Clear—Rough Service (11)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5340
	Mogul	21137	200/SBIF	120	24	Inside Frosted—Silvered Bowl. Burn base up (14)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5410
		21139	300/SBIF	130	24	Inside Frosted—Silvered Bowl. Burn base up (14)	C-9	9 <sup>3</sup> / <sub>8</sub>	7	1000	5410
	Mogul End Prong	20803	300PAR56/NSP	120	12	PAR—Narrow Spotlight (15,59)	CC-13	5	...	2000	3840
		20836	300PAR56/MFL	120	12	PAR—Medium Floodlight (15,59)	CC-13	5	...	2000	3840
		20838	300PAR56/MFL	130	12	PAR—Medium Floodlight (15,59)	CC-13	5	...	2000	3840
		20849	300PAR56/WFL	120	12	PAR—Wide Floodlight (15,59)	CC-13	5	...	2000	3840
		20851	300PAR56/WFL	130	12	PAR—Wide Floodlight (15,59)	CC-13	5	...	2000	3840
	Extended Mogul End Prong	39398	300PAR56/2NSP	130	12	PAR—Cool-Beam—Narrow Spotlight. Use only in fixtures specifically approved for Cool-Beam lamps. (18,59)	CC-13	5 <sup>3</sup> / <sub>4</sub>	...	2000	3840
		39400	300PAR56/2MFL	120	12	PAR—Cool-Beam—Medium Floodlight. Use only in fixtures specifically approved for Cool-Beam lamps. (18,59)	CC-13	5 <sup>3</sup> / <sub>4</sub>	...	2000	3840
		39403	300PAR56/2WFL	120	12	PAR—Cool-Beam—Wide Floodlight. Use only in fixtures specifically approved for Cool-Beam lamps. (18,59)	CC-13	5 <sup>3</sup> / <sub>4</sub>	...	2000	3840




# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC- DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 300 WATTS (Continued)

R-40	Medium	21213	300R/FL	120	24	Reflector Floodlight—I.F. Collector Grid (14,4,35,56)	CC-2V Horiz.	6 <sup>9</sup> / <sub>16</sub>	...	2000	3650
		21215	300R/FL	130	24	Reflector Floodlight—I.F. Collector Grid (14,4,35,56)	CC-2V Horiz.	6 <sup>9</sup> / <sub>16</sub>	...	2000	3650
FOR ENERGY SAVINGS... Consider 120ER40 or Q250PAR38FL 120 Volt.											
FOR ENERGY SAVINGS... Consider 120ER40 130 Volt.											
	▲Medium	21229	300R/FL/1	120	24	Reflector Floodlight—I.F. Collector Grid (14,35,36,56)	CC-2V Horiz.	6 <sup>3</sup> / <sub>4</sub>	...	2000	3650
		21231	300R/FL/1	130	24	Reflector Floodlight—I.F. Collector Grid (14,35,36,56)	CC-2V Horiz.	6 <sup>3</sup> / <sub>4</sub>	...	2000	3650
	▲Mogul	21254	300R/3FL	120	24	Reflector Floodlight—I.F. Collector Grid (18,33)	CC-2V Horiz.	7 <sup>1</sup> / <sub>4</sub>	...	2000	3650
		21256	300R/3FL	130	24	Reflector Floodlight—I.F. Collector Grid (18,33)	CC-2V Horiz.	7 <sup>1</sup> / <sub>4</sub>	...	2000	3650
		21268	300R/3FL/MS	120	24	Floodlight—Inside Frosted. Mill Service (18,33)	C-7A	7 <sup>1</sup> / <sub>4</sub>	...	1000	...
R-40	Medium	21197	300R/SP	120	24	Reflector Spotlight—Light I.F. Collector Grid (4,14,35,56)	CC-2V Horiz.	6 <sup>9</sup> / <sub>16</sub>	...	2000	3650
		21199	300R/SP	130	24	Reflector Spotlight—Light I.F. Collector Grid (4,14,35,56)	CC-2V Horiz.	6 <sup>9</sup> / <sub>16</sub>	...	2000	3650
★T-20	Medium Bipost	21280	300T20/1	120	12	Inside Frosted. Burn base up within 30° of vertical. Collector Grid (86,89,99)	C-13	6 <sup>1</sup> / <sub>2</sub>	4	1000	...
★PAR-56	Screw Terminal	23427	300PAR56/WFL OLD: 25A/PAR56/WFL	12	12	PAR—Wide Floodlight. Swimming Pool. Burning position: 45° of base down to horizontal. (18,56,93)	C-6	4 <sup>1</sup> / <sub>2</sub>	...	1000	6000
★R-40	■Mogul	23429	300R40/FL OLD: 25A/R40/FL	12	24	Reflector Floodlight—I.F. Swimming Pool. Burn base down to horizontal (21,35,53)	C-2V	7 <sup>1</sup> / <sub>4</sub>	...	1000	5000
PS-35	Medium Skirted	20999	300MS	250	24	Clear (11)	C-7A	9 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>2</sub>	1000	...
	▲Mogul	21056	300	250	24	Clear (11)	C-7A	9 <sup>3</sup> / <sub>8</sub>	7	1000	4890
		21058	300	277	24	Clear (11)	C-7A	9 <sup>3</sup> / <sub>8</sub>	7	1000	...
★R-40		21263	300R/3FL	250	24	Reflector Floodlight—I.F. Collector Grid (18,33)	C-7A	7 <sup>1</sup> / <sub>4</sub>	...	2000	...
		21265	300R/3FL	277	24	Reflector Floodlight—I.F. Collector Grid (18,33)	C-7A	7 <sup>1</sup> / <sub>4</sub>	...	2000	...

### 375 WATTS

R-40	Medium Skirted	21331	375R40	115	24	Reflector Infrared—Industrial Light I.F. (4,14,35,56)	C-9	7 <sup>3</sup> / <sub>8</sub>	...	5000 + (6)	...
★R-40		21334	375R40/1	115	24	Reflector Infrared—Industrial— Clear Face (14,35,36,56)	C-9	7 <sup>1</sup> / <sub>2</sub>	...	5000 + (6)	...
		21336	375R40/10	115	24	Reflector Infrared—Industrial— Red Bowl (14,35,36,56)	C-9	7 <sup>1</sup> / <sub>2</sub>	...	5000 + (6)	...
G-30		21329	375G30	115	24	Clear—Infrared—Industrial (2A,14,56)	C-7A	7 <sup>3</sup> / <sub>16</sub>	5	5000 + (6)	...

### 400 WATTS

G-30	▲Medium	21349	400G/SP	120	60	Clear—Stage/Studio Spotlight. Burn base down to horizontal (86,99)	C-5	5 <sup>1</sup> / <sub>8</sub>	3	200	8400
		21363	400G/FL	120	60	Clear—Floodlight. Burn base down to horizontal (86,99)	C-5	5 <sup>1</sup> / <sub>8</sub>	3	800	6800

### 500 WATTS


PS-35	▲Mogul	21530	500	120	24	Clear (11)	CC-8	9 <sup>3</sup> / <sub>8</sub>	7	1000	10850
		21532	500	130	24	Clear (11)	CC-8	9 <sup>3</sup> / <sub>8</sub>	7	1000	10850
		21579	500/IF	120	24	Inside Frosted (11)	CC-8	9 <sup>3</sup> / <sub>8</sub>	7	1000	10850
		21581	500/IF	130	24	Inside Frosted (11)	CC-8	9 <sup>3</sup> / <sub>8</sub>	7	1000	10850



# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
<b>500 WATTS (Continued)</b>											
	▲Mogul	21687	500PS40	120	24	Clear (11)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	1000	9900
		21641	500/99	120	24	Clear—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	2500	9070
		21643	500/99	130	24	Clear—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	2500	9070
		21649	500/99IF	120	24	Inside Frosted—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	2500	9070
		21651	500/99IF	130	24	Inside Frosted—Extended Service (11)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	2500	9070
		21659	500/RS	120	24	Clear—Rough Service (11)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	1000	...
		21661	500/RS	130	24	Clear—Rough Service (11)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	1000	...
		21622	500/SBIF	120	24	Inside Frosted—Silvered Bowl. Burn base up (14)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	1000	9530
		21624	500/SBIF	130	24	Inside Frosted—Silvered Bowl. Burn base up (14)	C-9	9 <sup>3</sup> / <sub>4</sub>	7	1000	9530
G-30	Medium Skirted	21426	500G30/1	115	60	Clear—Infrared. Industrial (2A,14,56)	C-7A	7 <sup>3</sup> / <sub>16</sub>	5	5000 + (6)	...
G-40	▲Mogul	21451	500G/FL	120	24	Clear—Floodlight. Burn base down to horizontal (86,99)	C-5	7 <sup>1</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	800	9300
	Extended Mogul End Prong	39406	500PAR64/NSP	120	12	PAR—Narrow Spotlight (18,59)	CC-13	6	...	2000	6500
		39407	500PAR64/NSP	130	12	PAR—Narrow Spotlight (18,59)	CC-13	6	...	2000	6500
		39409	500PAR64/MFL	120	12	PAR—Medium Floodlight (18,59)	CC-13	6	...	2000	6500
		39410	500PAR64/MFL	130	12	PAR—Medium Floodlight (18,59)	CC-13	6	...	2000	6500
		39412	500PAR64/WFL	120	12	PAR—Wide Floodlight (18,59)	CC-13	6	...	2000	6500
		39413	500PAR64/WFL	130	12	PAR—Wide Floodlight (18,59)	CC-13	6	...	2000	6500
★R-40	▲Mogul	21734	500R/3FL	120	24	Reflector Floodlight—I.F. Collector Grid (18,33)	CC-2V Horiz.	7 <sup>1</sup> / <sub>4</sub>	...	2000	6500
		21736	500R/3FL	130	24	Reflector Floodlight—I.F. Collector Grid (18,33)	CC-2V Horiz.	7 <sup>1</sup> / <sub>4</sub>	...	2000	6500
		21751	500R/3FL/MS	120	24	Reflector Floodlight—I.F. Mill Service (18)	C-7A	7 <sup>1</sup> / <sub>4</sub>	...	1000	...
		21728	500R/3SP	120	24	Reflector Spotlight—Light I.F. Collector Grid (18,33)	CC-2V Horiz.	7 <sup>1</sup> / <sub>4</sub>	...	2000	6500
		21759	500R52	120	12	Reflector High Bay—Light I.F. Burn within 25° of vertically base up. Collector Grid (4,92)	C-7A	11 <sup>3</sup> / <sub>4</sub>	...	2000	7600
		21761	500R52	130	12	Reflector High Bay—Light I.F. Burn within 25° of vertically base up. Collector Grid (4,92)	C-7A	11 <sup>3</sup> / <sub>4</sub>	...	2000	7600
★T-20	Medium Bipost	21835	500T20/13	120	12	Clear—Airway Beacon. (40,86,89,99)	C-13B	7 <sup>1</sup> / <sub>2</sub>	3	500	10300
		21870	500T20/50	120	12	Inside Frosted. Burn base within 30° of vertical (73,86,89,99)	C-13	6 <sup>1</sup> / <sub>2</sub>	4	1000	9800
		21872	500T20/50	130	12	Inside Frosted. Burn base within 30° of vertical (73,86,89,99)	C-13	6 <sup>1</sup> / <sub>2</sub>	4	1000	9800
★T-12	Medium Prefocus	21799	500T12/8	120	24	Clear—Stage/Studio Spotlight. Burn base up within 30° of vertical. ANSI: DEB (86,99)	C-13D	6 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	800	...
		21795	500T12/9	120	24	Clear—Stage/Studio Spotlight. Burn base up within 30° of vertical. ANSI: DNS (86,99)	C-13D	6 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	200	11000
★T-14	Medium Bipost	21803	500T14/7	120	24	Clear—Stage/Studio Spotlight. Burn base up within 30° of vertical. Low-noise (86,89,99)	C-13D	6 <sup>7</sup> / <sub>16</sub>	4	800	...
	Medium Prefocus	21887	500T20/64	120	24	Clear—Display Spotlight. Burn base down to horizontal. ANSI: DNW (86,99)	C-13	5 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	500	10000
		21861	500T20/48	120	24	Clear—Stage/Studio Spotlight. Burn base down to horizontal (86,99)	C-13	5 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	200	...
	Medium Bipost	21882	500T20/63	120	12	Clear—Stage/Studio Spotlight. 3200°K. ANSI: DVG/EDC (17,26,40,86,89,99)	C-13	6 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	50	14500



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC- DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 500 WATTS (Continued)

★T-24	▲Mogul	21910	500T24	120	12	Clear—Saw Mill. Light source approx. 6" long. Distance from bottom base contact to light source approx. 4" (2,86,99)	C-8	11 <sup>13</sup> / <sub>16</sub>	...	1500	...
PS-40		21557	500	250	24	Clear (11)	C-7A	9 <sup>3</sup> / <sub>4</sub>	7	1000	9270
		21560	500	277	24	Clear (11)	C-7A	9 <sup>3</sup> / <sub>4</sub>	7	1000	...
		21647	500/99	230-250	24	Clear—Extended Service (11)	C-7A	9 <sup>3</sup> / <sub>4</sub>	7	2500	...
★R-40		21744	500R/3FL	250	24	Reflector Floodlight—Light I.F. Collector Grid (18,33)	C-7A	7 <sup>1</sup> / <sub>4</sub>	...	2000	...
R-52		21773	500R52	250	12	Reflector High Bay—Light I.F. Burn within 25° of vertically base up. Collector Grid (4,34,36,92)	C-7A	11 <sup>3</sup> / <sub>4</sub>	...	2000	6100

### 620 WATTS

PS-40	Mogul Prefocus	21950	620PS40P	120	24	Clear—Airport. Group Replacement (11)	C-9	10 <sup>1</sup> / <sub>16</sub>	5 <sup>11</sup> / <sub>16</sub>	3000	11200
		21952	620PS40P	130	24	Clear—Airport. Group Replacement (11)	C-9	10 <sup>1</sup> / <sub>16</sub>	5 <sup>11</sup> / <sub>16</sub>	3000	11200
★PS-40		21955	620PS40/1P	120	24	Clear—Airport. Group Replacement (11)	C-9	10 <sup>1</sup> / <sub>16</sub>	5 <sup>11</sup> / <sub>16</sub>	3000	...

### 750 WATTS

	▲Mogul	21998	750	120	12	Clear (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	17040	
		22000	750	130	12	Clear (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	17040	
		22016	750/IF	120	12	Inside Frosted (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	17040	
		22018	750/IF	130	12	Inside Frosted (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	17040	
		22059	750/99	120	12	Clear—Extended Service (11,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2500	14200	
		22061	750/99	130	12	Clear—Extended Service (11,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2500	14200	
		22038	750/SBIF	120	12	Inside Frosted—Silvered Bowl. Burn base up (19,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	1000	...	
R-52		22080	750R52	120	12	Reflector High Bay—Light I.F. Burn within 25° of vertically base up. Collector Grid (4,92)	C-7A	11 <sup>3</sup> / <sub>4</sub>	...	2000	13000	
		22082	750R52	130	12	Reflector High Bay—Light I.F. Burn within 25° of vertically base up. Collector Grid (4,92)	C-7A	11 <sup>3</sup> / <sub>4</sub>	...	2000	13000	
★T-12	Medium Prefocus	22100	750T12/9	120	24	Clear—Stage/Studio Spotlight. Burn base up within 30° of vertical. ANSI: DNT (86,99)	C-13D	6 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	200	...	
★T-20		22110	750T20P/SP	120	24	Clear—Stage/Studio Spotlight. ANSI: BFE (40,86,99)	C-13	5 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	200	...	
★T-14	Medium Bipost	22105	750T14	120	24	Clear—Stage/Studio Spotlight. Collector Grid. Burn base up within 30° of vertical (86,89,99)	C-13D	6 <sup>7</sup> / <sub>16</sub>	4	200	17000	
★T-24			22115	750T24	120	24	Inside Frosted—Collector Grid. Burn base up, within 30° of vertical (86,89,99)	C-13	9 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	1000	14800
			22117	750T24	130	24	Inside Frosted—Collector Grid. Burn base up, within 30° of vertical (86,89,99)	C-13	9 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	1000	14800
			22142	750T24/13	120	24	Clear—Stage/Studio Spotlight. 3350°K. ANSI: EDH (17,40,86,89,99)	C-13	6 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	12	25000
			22147	750T24/16	120	24	Clear—Stage/Studio Spotlight. 3200°K. ANSI: DVH/EDG (17,26,40,86,89,99)	C-13	6 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	50	22000
★PS-52	▲Mogul	22008	750	250	12	Clear (19,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2000	...	
R-52		22093	750R52	250	12	Reflector High Bay—Light I.F. Burn within 25° of vertically base up. Collector Grid (4,92)	C-7A	11 <sup>3</sup> / <sub>4</sub>	...	2000	10400	

### 1000 WATTS

PS-52	▲Mogul	22258	1000	120	12	Clear (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	23740
		22260	1000	130	12	Clear (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	23740
		22310	1000/IF	120	12	Inside Frosted (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	23740
		22312	1000/IF	130	12	Inside Frosted (11,4,92)	CC-8	13	9 <sup>1</sup> / <sub>2</sub>	1000	23740
		22299	1000/99	120	12	Clear—Extended Service (11,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2500	19800





# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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## 1000 WATTS (Continued)

PS-52	▲Mogul	22301	1000/99	130	12	Clear—Extended Service (11,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2500	19800
		22348	1000/SBIF	120	12	Inside Frosted—Silvered Bowl. Burn base up (19,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	1000	20400
★G-25	▲Medium	22170	1M/G25/1	115	12	Clear—Underwater burning only. Tungsten powder cleaner (3A)	C-5	5 <sup>3</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>8</sub>	50	...
★G-40	▲Mogul	22193	1M/G40FL	120	24	Clear—Floodlight. Burn base down to horizontal (86,99)	C-5	7 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	800	20000
	Mogul Prefocus	22203	1M/G40PSP	120	24	Clear—Stage/Studio Spotlight. Burn base down to horizontal (86,99)	C-5	8 <sup>7</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	200	25000
		22219	1M/G40/23	120	24	Clear—Stage/Studio Spotlight. Burn base down to horizontal (86,99)	C-13	8 <sup>7</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	200	...
★R-52	▲Mogul	22401	1M/R52	120	12	Reflector High Bay—Burn within 25° of vertically base up (4,73,92)	C-7A	11 <sup>3</sup> / <sub>4</sub>	...	2000	...
★T-12	Medium Prefocus	22419	1M/T12/2	120	24	Clear—Stage/Studio Spotlight. 3050°K. Burn base up, within 30° of vertical. ANSI: DNV (86,99)	C-13D	6 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	200	...
★T-20		22455	1M/T20P/SP	120	24	Clear—Stage/Studio Spotlight. 3050°K. Collector Grid (40,86,99)	C-13D	5 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	200	...
	▲Mogul	22447	1M/T20AB	120	12	Clear—Airway Beacon. Burn base down only	C-13	9 <sup>1</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	500	21000
	Mogul Bipost	22429	1M/T20BP	120	12	Clear—Airway Beacon. Burn base down only	C-13	9 <sup>1</sup> / <sub>2</sub>	4	500	22000
★T-24	Medium Bipost	22479	1M/T24	120	24	Inside Frosted—Burn base up, within 30° of vertical. Collector Grid (86,89,99)	C-13	9 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	1000	21200
		22499	1M/T24/13	120	24	Clear—Stage/Studio Spotlight. 3350°K. ANSI: EBB (17,40,86,89,99)	C-13	6 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	12	...
	▲Mogul	22512	1M/T24/7	120	12	Clear—Saw Mill. Light source approx. 6" long. Distance from bottom base contact to light source approx. 4". (2,86,89)	C-8	11 <sup>13</sup> / <sub>16</sub>	...	1500	...
PS-52	▲Mogul	22280	1000	250	12	Clear (11,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2000	17700
		22284	1000	277	12	Clear (11,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2000	...

## 1200 WATTS

★T-20	Mogul Bipost	22524	1200T20	115	12	Clear—Airway Beacon. Collector Grid. Burn base down only	CC-8	9 <sup>1</sup> / <sub>2</sub>	4	750	29600
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## 1500 WATTS

PS-52	▲Mogul	22587	1500	105†	12	Clear (20,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	1000†	42600†
		22588	1500	110	12	Clear (20,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	1000	34400
		22590	1500	120	12	Clear (20,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	1000	34400
		22592	1500	130	12	Clear (20,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	1000	34400
		22601	1500/99	130	12	Clear—Extended Service (20,4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2500	...
★PS-52		22643	1500PS52/46	120	12	Clear (4,20,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2500	...
		22645	1500PS52/46	130	12	Clear (4,20,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2500	...
PS-52		22628	1500/IF	120	12	Inside Frosted (4,20,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	1000	34400
★G-48		22566	1500G48/6	120	9	Clear—Floodlight. Burn base down to horizontal (86,99)	C-5	8 <sup>9</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>	800	32200
★G-40	Mogul Prefocus	22560	1500G40/21	120	24	Clear—Stage/Studio Spotlight. Burn base down within 30° of vertical (86,99)	C-13D	8 <sup>7</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	200	...
★T-24	Mogul Bipost	22667	1500T24/6	120	12	Clear—Stage/Studio Spotlight. Burn base up within 30° of vertical (86,94,99)	C-13D	10	6 <sup>1</sup> / <sub>2</sub>	200	...
PS-52	▲Mogul	22613	1500	250	12	Clear (4,20,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	2000	...

† When lamp is operated at 115 volts, life is 300 hours, watts are 1653, and initial lumens are 42600 as indicated.



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### 2000 WATTS

★G-48	Mogul Bipost	22723	2M/G48/18	120	9	Clear—Stage/Studio Spotlight. 3200°K. Low-noise. ANSI: DVF/ECG (40,86,89)	C-13	9 <sup>3</sup> / <sub>8</sub>	5	100	61000
		22711	2M/G48/14	120	9	Clear—Stage/Studio Spotlight. 3350°K. Low-noise. ANSI: ECK (40,86,89)	C-13	9 <sup>3</sup> / <sub>8</sub>	5	25	65000
★T-30	Mogul Bipost	22798	2M/T30/1	120	6	Clear—Stage/Studio Spotlight. 3050°K. Low-noise. Burn base up within 30° of vertical (86,94,99)	C-13D	10	6 <sup>1</sup> / <sub>2</sub>	200	...
★T-48		22820	2M/T48/4	120	9	Clear—Stage/Studio Spotlight. 3350°K. Tungsten powder cleaner. ANSI: EDL/EDM (17,40,86,99)	C-13	10 <sup>3</sup> / <sub>8</sub>	5	25	...

### 2100 WATTS

★T-24	Mogul Bipost	22825	2100T24/8	60	12	Clear—Searchlight. Tungsten powder cleaner. Burn base down within 30° of vertical (86,94,99)	C-13D	10 <sup>1</sup> / <sub>2</sub>	4	50	...
		22826	2100T24/9	60	12	Clear—Stage/Studio Spotlight. 3100°K. Burn base up within 30° of vertical (86,94,99)	C-13D	10 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	50	...

### 3000 WATTS

★T-32	Mogul Bipost	22860	3M/T32/2	120	6	Clear—Stage/Studio Spotlight. 3150°K. Low-noise. Burn base up within 30° of vertical. Collector Grid (86,94,99)	C-13D	11 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	100	...
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### 5000 WATTS

★G-64	Mogul Bipost	22896	5M/G64/7	120	4	Clear—Stage/Studio Spotlight. 3200°K. Tungsten powder cleaner. ANSI: ECN (17,24,40,86,99)	C-13	11 <sup>7</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	150	145000
★T-64		22919	5M/T64/1	120	4	Clear—Stage/Studio Spotlight. 3350°K. Low-noise. Tungsten powder cleaner. ANSI: EDN (40,86,99)	C-13	13 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	75	...

### 10,000 WATTS

★G-96	Mogul Bipost	22986	10K/G96	120	1	Clear—Stage/Studio Spotlight. 3350°K. Tungsten powder cleaner. ANSI: ECP (17,40,42,73,99)	C-13	17 <sup>7</sup> / <sub>16</sub>	10	75	335000
		22993	10K/G96/1	120	1	Clear—Stage/Studio Spotlight. 3200°K. Tungsten powder cleaner. ANSI: EBA (17,40,42,73,99)	C-13	17 <sup>7</sup> / <sub>16</sub>	10	150	...

## REFLECTOR SUNLAMPS

Average rated life under specified test conditions with 10-or-more burning hours per start is 2000 hours. In household use where comparatively short burning periods are involved, life cannot be adequately expressed in hours. Service life in ordinary household use has been estimated as approximately 1200 applications.

Please observe operating and exposure limitations stated on packaging material and/or instruction booklet enclosed.

Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION	M. O. L. (Inches)	Avg. Rated Life (Hours)
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### 275 WATTS

★R-40	▲Mogul	42436	RSM	110-125	6	Reflector Sunlamp—I.F. For operation on 60-cycle A.C. only. Internal filament ballast. Approximate watts in arc tube: 105. No auxiliary equipment required	7 <sup>5</sup> / <sub>16</sub>	2000
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# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## LUMEN RATED TRAFFIC SIGNAL LAMPS

Burning Position—BASE DOWN TO HORIZONTAL.

Approx. Initial Lumens	Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)
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### 165 WATTS

1950	P-25	▲ Medium	20094	1950L/P25/TS	120	60	Clear—Traffic Signal	C-9	4 <sup>3</sup> / <sub>4</sub>	3	8000
			20096	1950L/P25/TS	125	60	Clear—Traffic Signal	C-9	4 <sup>3</sup> / <sub>4</sub>	3	8000
			20097	1950L/P25/TS	130	60	Clear—Traffic Signal	C-9	4 <sup>3</sup> / <sub>4</sub>	3	8000

## SUPPLEMENTARY LIGHTING (“HIGH INTENSITY”) INCANDESCENT LAMPS

General Electric has a complete line of replacement lamps designed for use in “high intensity” portable lighting equipment. Used for supplementary lighting in both residential and industrial applications, lamps are available both in low-voltage and standard-voltage types.

Supplementary Lighting (High Intensity) lamps listed below should be replaced only with an equivalent lamp having correct volts and watts for the fixture used. Substituting higher wattage lamps may cause damage to the fixture.

C.P. or Watts	Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)
15 CP 12 W	S-8	S.C. Bay.	43062	12S8/93T CARDED/2	12	240☆	Clear—Carded. (2 Lamps per Card) 12-Card Pack (66)	C-2R	2	1 <sup>1</sup> / <sub>4</sub>	1000
21 CP 21 W	S-8	S.C. Bay.	43064	21S8/1073 CARDED/2	12	240☆	Clear—Carded. (2 Lamps per Card) 12-Card Pack	C-6	2	1 <sup>1</sup> / <sub>4</sub>	1000
32 CP 24 W	RP-11	S.C. Bay.	43065	24RP/1133 CARDED/2	6	240☆	Clear—Carded. (2 Lamps per Card) 12-Card Pack (97)	C-2R	2 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	200
40W	S-11	Intermed.	35156	40S11N/1 CARDED	120	240	Clear—Carded. 12-Card Pack	CC-2V	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	500
40W	S-11	Intermed.	15734	40S11N/1/IF	120	120	Inside Frosted	CC-2V	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	500

## “TUFF-SKIN” LAMPS

GE “Tuff-Skin” coated lamps offer the advantages of greater impact resistance and higher weatherproof wattages in applications where exposed bulbs in sockets must be used, and reduces bulb breakage from thermal or mechanical shock.

Typical uses are lighting for food processing and packing areas, machine shop, garage and welding application and outdoor lighting such as used car lots, amusement parks, etc. The “Tuff-Skin” coating reduces the lumen output of comparable standard lamps by less than 5% on the average.

Watts	Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code		Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	Avg. Rated Life (Hours)
			GE ID No. 043168-								
25	A-19	▲Medium	33864	25A/TF	24PK	120	120	Clear—Tuff-Skin. 24-Pack	C-9	3 <sup>7</sup> / <sub>8</sub>	2500
40			33863	40A/TF	24PK	120	120	Clear—Tuff-Skin. 24-Pack (83)	C-9	4 <sup>1</sup> / <sub>4</sub>	1500
50			33857	50A/RS/TF	24PK	120	120	Clear—Rough Service. Tuff-Skin. 24-Pack	C-22	3 <sup>7</sup> / <sub>8</sub>	1000
	T-10		42760	50T10/RS/CL/TF		120	120	Clear—Rough Service. Tuff-Skin	C-8	5 <sup>5</sup> / <sub>8</sub>	1000
60	A-19		33862	60A/TF	24PK	120	120	Clear—Tuff-Skin. 24-Pack (83)	CC-6	4 <sup>7</sup> / <sub>16</sub>	1000
75	A-21		41482	75A/RS/TF	24PK	120	120	Clear—Rough Service. Tuff-Skin. 24-Pack (83)	C-17	5 <sup>1</sup> / <sub>4</sub>	1000
		44217	75A/RT	12PK	120	120	Clear—Rough Service. "Ruff-n- Tuff". Tuff-Skin. 12-Pack (83)	C-17	5 <sup>1</sup> / <sub>4</sub>	1000	
75		E-17	35782	75E17/TF	12PK	120	120	Post Light—Tuff-Skin. 12-Pack	CC-6	5	4000
75	R-30		40913	75R30/FL/TF		120	24	Reflector Floodlight—Tuff-Skin (83)	CC-6	5 <sup>3</sup> / <sub>8</sub>	2000
100	A-21		33867	100A21/TF		120	120	Clear—Tuff-Skin (83)	CC-6	5 <sup>1</sup> / <sub>4</sub>	750
		33861	100A/RS/TF		120	120	Clear—Rough Service. Tuff-Skin (83)	C-17	5 <sup>1</sup> / <sub>4</sub>	1000	
150	PS-25		33866	150PS25/TF		120	60	Clear—Tuff-Skin (83)	C-9	6 <sup>15</sup> / <sub>16</sub>	1000
		33860	150/RS/TF		120	60	Clear—Rough Service. Tuff-Skin (83)	C-17	6 <sup>15</sup> / <sub>16</sub>	1000	
150	R-40		40915	150R/FL/TF		130	24	Reflector Floodlight. Tuff-Skin (4,14,35,56,83)	CC-6	6 <sup>9</sup> / <sub>16</sub>	2000
200	PS-30		33865	200PS30/TF		120	60	Clear—Tuff-Skin (83)	C-9	8 <sup>1</sup> / <sub>16</sub>	1000
		33859	200PS30/RS/TF		120	60	Clear—Rough Service. Tuff-Skin (83)	C-9	8 <sup>1</sup> / <sub>16</sub>	1000	

☆ Indicates total count of 2-lamp carded packs in standard package. Multiply by 2 to determine actual quantity of lamps.



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

### LAMPS LISTED BY AMPERES AND VOLTS

Lamps listed by amperes and volts generally are identifiable by their low voltage ratings (less than 120 Volts), as well as their ratings in amperes rather than watts. They are designed to perform a broad variety of precise lighting tasks, principally in the following applications:

Railway Light Signal  
Marine

Airport  
Microscope Illuminator

Street Railway  
Sound Reproducer

Phototube Exciter  
Swimming Pool

Contour Map  
Switchboard

Amps	Bulb	Base	UPC- DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code (Except Volts)	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
.11A	T-4	Cand.	23351	11A/T4C	18	100	Clear—Switchboard	C-2F	1 1/2	15/16	2000	13
.25A	S-8	S.C.Pref. (A)	23432	25A/S8SCP	6.2	100	Clear—Marine Signal. Spiral Lead	C-8	2	1 1/8	500	...
.25A	S-8	S.C.Pref. (A)	36465	25A/S8SCP	12	100	Clear—Marine Signal. Spiral Lead	C-8	2	1 1/8	500	...
.25A	S-8	S.C.Bay.	23437	25A/S8/1SC	13.5	100	Clear—Railway Signal (68)	C-2R	2	1 1/4	1000	...
.46A	S-8	S.C.Pref. (A)	23474	46A/S8SCP/1	6.2	100	Clear—Marine Signal. Spiral lead. Krypton filled	C-8	2	1 1/8	500	...
.55A	S-8	S.C.Pref. (A)	23478	55A/S8	12	100	Clear—Marine Signal. Spiral lead	C-8	2	1 1/8	500	...
.70A	S-8	S.C.Pref. (A)	23493	70A/S8/1	6.2	100	Clear—Marine Signal. Spiral lead. Krypton filled	C-8	2	1 1/8	500	...
.77A	S-8	S.C.Pref. (A)	23501	77A/S8	12	100	Clear—Marine Signal. Spiral lead	C-8	2	1 1/8	500	...
1.15A	S-8	S.C.Pref. (A)	23219	1.15A/S8	12	100	Clear—Marine Signal. Spiral lead	C-8	2	1 1/8	500	...
2.03A	S-8	S.C.Pref. (A)	32916	2.03A/S8SCP	12	100	Clear—Marine Signal. Spiral lead	C-8	2	1 1/8	500	...
3.05A	S-11	S.C.Pref. (A)	23247	3.05A/S11SCP	12	120	Clear—Marine Signal. Spiral lead	C-8	2 3/8	1 1/8	500	...
4A	T-8	S.C. Bay.	23255	4A/T8/25	8.5	24	Clear—Sound Reproducer. (Western Electric System) Source WxH: 8.3x0.6mm. Special base with lead to shell soldered at bottom. Burn base down. ANSI: BXC (61)	C-6	3 1/8	1 3/4	100	...
4A	T-8	S.C. Pref. (A)	23256	4A/T8/85	8.5	24	Clear—Sound Reproducer. (Western Electric System) Source WxH: 8.3x0.6mm. Burn base down. ANSI: BXC (61)	C-6	3 1/8	1 5/8	100	...
4A	T-8	S.C. Pref. (A)	23258	4A/T8SCP	9	24	Clear—Sound Reproducer. Source WxH: 4.8x1.3mm. Burn base down. ANSI: BXM (61)	C-6	3 1/8	1 15/32	500	...
4A	T-8	S.C. Pref. (A)	23263	4A/T8/87	9	24	Clear—Sound Reproducer. Source WxH: 1.3x4.4mm. Burn base down. ANSI: BYS (61)	C-8	3 1/8	1 15/32	500	...
5A	T-8	S.C. Pref. (A)	23285	5A/T8SCP	6	24	Clear—Phototube Exciter. Source WxH: 2.9x3.2mm. Burn base down (60,61)	C-2	3 1/8	1 1/8	3000	...
5A	T-8	S.C. Bay.	23270	5A/T8SC	10	24	Clear—Sound Reproducer (RCA Photophone), Source WxH: 5.1x1.4mm. A.A. tolerance: 1/32". L.C.L.: ± 3/64". Burn base down. ANSI: BXR (61)	C-6	3 1/8	1 19/32	100	...
5A	T-8	S.C. Pref. (A)	23272	5A/T8SCP	10	24	Clear—Sound Reproducer. Source WxH: 5.1x1.4mm. Burn base down. ANSI: BXN (61)	C-6	3 1/8	1 15/32	100	...
5A	G-16 1/2	S.C. Pref. (A)	23275	5A/G16 1/2/3	20	60	Clear—Contour Map. Bulb top and sides selected for minimum glass imperfections. Burn base down to horizontal	CC-6	3	1 3/8	50	...
6.6A	★PAR-56	Screw Terminal	23310	6.6A/PAR56/5	45W	12	PAR—Airport. Stippled, rounded cover	C-8	4 1/2	...	1000	...
6.6A	T-10	Medium Prefocus	23295	6.6A/T10P	45W	60	Clear—Airport. Burn base down only	C-2V	3 15/16	1 1/2	1000	675
6.6A			23294	6.6A/T10/1P	30W	60	Clear—Airport. Burn base down only	C-2V	3 15/16	1 1/2	1000	400
6.6A			23297	6.6A/T10/4P	30W	60	Silvered Bulb—Airport Taxiway	C-2V	3 15/16	1 1/2	1000	...
6.6A	T-14		23298	6.6A/T14P	200W	24	Clear—Airport. Burn base down only	C-13	5 3/4	2 3/16	75	4900
6.6A			23300	6.6A/T14/2P	204W	24	Clear—Airport. Burn base down only	C-13	5 3/4	2 3/16	500	...
6.6A	★T-14		34677	6.6A/T14/3P	210W	24	Clear—Airport. Burn base down only	C-13	5 3/4	2 3/16	300	...



# INCANDESCENT LAMPS

# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## LAMPS LISTED BY AMPERES AND VOLTS (Continued)

Amps	Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code (Except Volts)	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes—Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
7.5A	T-8	S.C. Bay.	23319	7.5A/T8SC	10	24	Clear—Sound Reproducer, Source WxH: 5.6x1.8mm. Special base with lead to shell soldered at bottom. A.A. tolerance: 1/32". L.C.L.: ± 3/64". Burn base down. ANSI: BXG (61)	C-6	3 1/8	1 19/32	100	...
7.5A			23326	7.5A/T8/92SC	10	24	Clear—Sound Reproducer—Comparator. Source WxH: 1.8x5.2mm. Burn base down. ANSI: BXE (61)	C-8	3 1/8	1 3/4	100	...
7.5A		S.C. Pref. (A)	23320	7.5A/T8SCP	10	24	Clear—Sound Reproducer. Source WxH: 5.6x1.8mm. Burn base down. ANSI: BXA (61)	C-6	3 1/8	1 15/32	100	...
7.5A			23327	7.5A/T8/94	10	24	Clear—Sound Reproducer. Source WxH: 1.8x5.2mm. Burn base down. ANSI: BYA (61)	C-8	3 1/8	1 5/8	100	...
18A	★T-10	▲Medium	23388	18/T10/1	6	24	Clear—Microscope Illuminator. Usable light source approx. 14mm. long x 2mm wide. ANSI: EDS (64)	SR-8	5 1/2	3 3/8	150	...
18A		Medium Prefocus	23389	18A/T10/1P	6	24	Clear—Microscope Illuminator. Usable light source approx. 14mm. long x 2mm wide. ANSI: EDT (64)	SR-8	5 3/4	2 3/16	150	...
18A			23395	18A/T10/2P	6	24	Clear—Microscope Illuminator. Usable light source approx. 8mm long x 2mm wide. ANSI: EDW (64)	SR-6A	5 3/4	2 3/16	150	1800
21A	★R-40	▲Medium	23423	21A/R40/FL	12	24	Reflector Floodlight—I.F. Swimming Pool. Burn base down to horizontal (21,35,53,62)	C-2V	6 11/16	...	1000	...

## SERIES STREET LIGHTING LAMPS

Unless otherwise indicated, General Electric Series Street Lighting Lamps will operate in any burning position, but lumen maintenance is best when burned vertically base up.

Rated Initial Lumens	Initial Volts	Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Amps	Std. Pkg. Qty.	DESCRIPTION	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)
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### Regular Service

2500	21.6	PS-35	▲Mogul	23080	2500/66	6.6A	24	Clear	C-2V	9 3/8	7	2000
6000	47.8	PS-40		23127	6M/66	6.6A	24	Clear	C-2V	9 3/4	7	2000

### Group Replacement Service

2500	23.0	PS-35	▲Mogul	23084	2500/66R	6.6A	24	Clear	C-2V	9 3/8	7	3000
4000	34.2			23112	4M/66R	6.6A	24	Clear	C-2V	9 3/8	7	3000
6000	50.2	PS-40		23130	6M/66R	6.6A	24	Clear	C-2V	9 3/4	7	3000
6000	15.8			23139	6M/20R/BU	20A	24	Clear—Burn base up	C-2V	9 3/4	7	3000
10000	27.3			23152	10M/20R/BU	20A	24	Clear—Burn base up	C-7	9 3/4	7	3000

### Extended Group Replacement Service

Extended Group Replacement Series Street Lighting Lamps are designed for unusual conditions of especially high-maintenance or low-energy costs.

1000	11.3	PS-25	▲Mogul	23058	1M/66G	6.6A	60	Clear	CC-8	7 1/8	5 3/8	6000
2500	24.4			23094	2500/66G/PS25	6.6A	60	Clear	C-2V	7 1/8	5 3/8	6000
2500	24.9	PS-35		23086	2500/66G	6.6A	24	Clear	C-2V	9 3/8	7	6000
4000	37.6			23111	4M/66G	6.6A	24	Clear	C-2V	9 3/8	7	6000
6000	52.6	PS-40		23129	6M/66G	6.6A	24	Clear	C-2V	9 3/4	7	6000



# GENERAL ELECTRIC INCANDESCENT LAMPS

Burning Position—ANY, except as noted.

## INCANDESCENT LAMPS

### MULTIPLE STREET LIGHTING LAMPS

Unless otherwise indicated, General Electric Multiple Street Lighting Lamps will operate in any burning position, but lumen maintenance is best when burned vertically base up.

Watts	Nominal Lumens	Bulb	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Incandescent Lamp Footnotes —Pages 51-52)	Filament Design	M. O. L. (Inches)	L. C. L. (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
				GE ID No. 043168-									

#### Group Replacement Service

92	1000	A-23	▲Medium	17784	92A23/49	120	120	Clear	C-9	5 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	3000	1185
189	2500			19938	189PS25/64	120	60	Clear	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>	3000	2910
189	2500			19939	189PS25/64	130	60	Clear	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>	3000	...
295	4000	PS-35	▲Mogul	20771	295PS35/58	120	24	Clear	C-9	9 <sup>3</sup> / <sub>8</sub>	7	3000	4950
295	4000			20772	295PS35/58	125	24	Clear	C-9	9 <sup>3</sup> / <sub>8</sub>	7	3000	...
405	6000	PS-40		21408	405PS40/54	120	24	Clear	C-9	9 <sup>3</sup> / <sub>4</sub>	7	3000	6850
405	6000			21409	405PS40/54	125	24	Clear	C-9	9 <sup>3</sup> / <sub>4</sub>	7	3000	...
860	15000	PS-52		22159	860PS52/80	120	12	Clear (4,92)	C-7A	13	9 <sup>1</sup> / <sub>2</sub>	3000	16000

#### Extended Group Replacement Service

Extended Group Replacement Multiple Street Lighting Lamps are designed for unusual conditions of especially high-maintenance or low-energy costs.

103	1000	A-23	▲Medium	18946	103A23	125	120	Clear	C-9	5 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	6000	...
105	1000			42392	105A23/12	125	120	Clear	C-9	5 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	12000	...
202	2500	PS-25		20540	202PS25	125	60	Clear	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>	6000	...
202	2500		▲Mogul	20542	202PS25/1	120	60	Clear	C-9	7 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	6000	...
205	2500		▲Medium	42663	205PS25/12	125	60	Clear	C-9	6 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>	12000	...
327	4000	PS-35	▲Mogul	21306	327PS35	120	24	Clear	C-9	9 <sup>3</sup> / <sub>8</sub>	7	6000	...
327	4000			21307	327PS35	125	24	Clear	C-9	9 <sup>3</sup> / <sub>8</sub>	7	6000	...
448	6000	PS-40		21418	448PS40	125	24	Clear	C-9	9 <sup>3</sup> / <sub>4</sub>	7	6000	...
690	10000			21971	690PS40	120	24	Clear	C-7A	9 <sup>3</sup> / <sub>4</sub>	7	6000	...

#### Incandescent Lamp Footnotes

- Burning position—base down only.
- Because bulb coating may become electrically conductive, take precaution to avoid electric shock: use in sockets supplied by same voltage as marked on lamp. Do not install in higher-voltage series circuits.
- Burning position—horizontal.
- Do not allow the bulb to be dragged across or to strike a hard surface since this action may cause minute cracks. Do not place lamp directly over the exposed person unless a protective screen or mesh is between lamp and user.
- Operate lamp only when bulb is cooled by direct immersion in water, to avoid overheating. Observe cleaning instructions.
- Avoid contact of hot glass bulb with liquid or metal, as glass may shatter.
- Design Life in excess of 5000 hours. Actual life depends on service conditions.
- Base pins approximately parallel to plane of lead wires.
- For use only in equipment specially designed to maintain bulb and base temperatures within safe limits.
- Single-contact medium bayonet base without pins, with a lug focusing sleeve as indicated. L.C.L. and A.A. tolerance: 1/64".
- Will operate in any position, but lumen maintenance is best when burned vertically base up.
- Not recommended for horizontal burning.
- Unsatisfactory lamp operation is likely to occur in burning positions between horizontal and base up, particularly between 45° from base up and base up.
- In "base up" use, heat eventually may deteriorate paper-lined or plastic sockets.
- Made in Republic of Korea.
- Low-noise construction to minimize generation of audible noise when operated on A.C. circuits.
- Although this lamp is made of heat-resistant glass, the bulb and lens should be protected from moisture, or breakage may result.
- Burn within 25° of vertically base up.
- Recommended burning position: any within 60° of vertically base up or down; but lumen maintenance is best when burned vertically base up.
- May not give satisfactory performance if any accessory equipment is attached to or touches the glass bulb. The bulb, although made of heat-resistant glass, may break if moisture falls on it.
- Light output is maintained best when burned within 25° of vertically base up.
- The bulb, although made of heat-resistant glass, may break if moisture falls on it. Lamp is not recommended for use in enclosed, close-fitting housings.
- Approximate mean color temperature.
- For use only in porcelain sockets and fixtures so designed that the temperatures of the lamp and fixture do not exceed limits for satisfactory operation.
- Average laboratory life is 200 hours for vacuum cleaners and 600 hours for sewing machine service.



# GENERAL ELECTRIC INCANDESCENT LAMPS

## Incandescent Lamp Footnotes (Continued)

31. Bulb top selected for minimum glass imperfections.
32. This 277-volt lamp should be enclosed if it is used on high-capacity low impedance electrical distribution systems. At the end of lamp life on such systems, the lamp may shatter, with risk of injury to persons or property if it is not suitably enclosed.
33. Light output is maintained best when burned within 45° of vertically base up.
34. May not give satisfactory performance if any accessory equipment is attached to or touches the glass bulb.
35. Should not be used in equipment where the base temperature will exceed 500°F.
36. Should be shielded against moisture falling on the bulb.
38. Flexible connector is not included in maximum over-all length.
40. Operate base down within 45° of vertical. Any tilt should be in the direction in which the filament plane faces.
41. Nominal watts. The actual watts are determined by multiplying the volts by the design amperes.
42. Collector grid is on only one side of filament. In burning positions other than base down, lamp should be installed so that grid is above filament.
45. Will operate in any position, but in fixed socket usage other than base up, some loss of coating may occur.
52. Operate base up, within 30° of vertical.
53. Use lamp only on circuits supplying the same voltage as marked on the bulb. DO NOT insert in household sockets.
55. Made in Mexico.
56. Avoid use at short distances on materials that are inflammable or susceptible to heat damage.
58. For use only with heat-resistant connector and with lamp supported by bulb rim or metal shell of base.
59. For use only with heat-resistant connector and with lamp supported by bulb rim.
60. Life rating is based on operation at indicated voltage.
61. Maximum Excursion Radius:  $\frac{5}{8}$ ".
63. Average laboratory life is 200 hours for appliance service.
64. Designed for base down burning, but can be operated in other positions. Brightness maintenance is best when filament is viewed horizontally or from below when lamp is burned in any position other than base down.
66. Rated average life is based on 14-volt operation.
68. Light center length and A.A. tolerance:  $\frac{1}{32}$ ".
69. Light center length and A.A. tolerance:  $\frac{1}{16}$ ".
70. Light center length and A.A. tolerance:  $\frac{1}{64}$ ".
71. Burning position—plane through lamp axis and base terminals horizontal.
73. Collector grid.
76. Burn base up to horizontal.
77. Use only in fixtures that are specifically approved for Cool-Beam lamps.
79. For use only in fixtures that adequately dissipate lamp heat. Blue and green lamps should be protected from falling snow and rain if aimed above horizontal.
83. Will operate in any position, but fixed-socket usage other than base up or continuous burning in any position in ambient temperatures above 100°F, may result in some loss of protective coating. Reflectors and accessories may raise bulb temperature and cause some loss of protective coating.
85. Made in Japan.
86. Be sure power is OFF before installing or removing lamp.
89. Insertion in "twist-in" type sockets requires only a slight clockwise turn—excessive force may break the glass bulb.
92. LAMP SHOULD BE SCREWED FIRMLY INTO THE SOCKET, ALTHOUGH NOT FORCIBLY so that it will not loosen and fall out. USE LAMP-GRIP SOCKETS OR WIRE GUARDS where vibration is present, particularly if led above or close to people. DO NOT ATTEMPT TO USE THE LAMP IF THE FILAMENT HAS BEEN BROKEN even though ends of filament are in contact. Also, HAVE CIRCUITS PROPERLY FUSED. DO NOT USE IF GLASS IS CRACKED.
93. Use only in swimming pool fixtures that comply with applicable safety standards and codes.
94. Observe operating and exposure limitations stated on packaging material and/or instruction booklet enclosed.
96. Under moist conditions, metal parts of lamp and lampholder may become a shock hazard. Therefore, disconnect from circuit before touching.
97. While this lamp was carefully inspected before shipment, the glass bulb may crack when subjected to abnormal pressure. Therefore, it is recommended that the bulb be grasped with a cloth or glove when removing or installing the lamp in a tight-fitting socket.
98. Burning position: 45° of base down to horizontal.
99. For use only in equipment designed for lamps of this type and wattage, having ventilation adequate to maintain bulb and base temperatures within safe limits.



# GENERAL ELECTRIC QUARTZ LAMPS

Burning position—ANY, except as noted.

**QUARTZLINE® LAMPS**  
**STAGE/STUDIO SERVICE**

## QUARTZLINE® TUNGSTEN HALOGEN LAMPS

### STAGE/STUDIO SERVICE

(Listed by ANSI Code in Alphabetical Sequence)

### GENERAL INFORMATION

All General Electric Quartzline® tungsten halogen lamps operate above normal atmospheric pressure when burning. They should be protected from scratches and abrasions and should not be used over 110% of rated voltage.

On "non-jacketed" lamp types (where indicated by the symbol "□" in the DESCRIPTION column) screening techniques should be used, where appropriate, to protect people and surroundings in case of shattering.

**ANSI CODES** also are assigned to many Incandescent Lamps. For your convenience, the "ANSI Code Reference Guide" on page 15 of this catalog shows all GE ANSI-coded Incandescent and Quartzline Lamps in alphabetical order, followed by the GE Lamp Ordering Code.


**COLOR TEMPERATURE** listed below for various Quartzline lamp types should be considered as approximate mean Kelvin color temperature ratings.

**INITIAL LUMENS** ratings of Quartzline lamps shown in this section are based upon photometry readings obtained after operating lamps for 1% of rated life, up to a maximum of 10 hours at rated volts.

**LOW-NOISE CONSTRUCTION**—All Quartzline Stage/Studio lamps (except PAR types) have special "low-noise" construction to minimize generation of audible noise when operated on A.C. circuits.

Watts	Bulb	Base	UPC- DC Vendor Item No.  GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. I. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### "B" ANSI CODED LAMPS

2000	★T-8	Mogul Bipost	39587	BWA-Q2000/4CL/BP	120	6	□ Clear—Stage/Studio‡. 3200°K.	CC-8	8	5 (LCL)	500	59000
2000	 BWF	■ Mogul	37086	BWF-Q2000/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K.	CC-8	7 1/2	5 1/4 (LCL)	500	59000
750	★T-7	Medium 2-Pin	39680	BWM-Q750T7/4CL/TP	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal.	C-13D	4 1/2	2 3/8 (LCL)	200	20900
1000			39681	BWN-Q1000T7/4CL/TP	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal.	C-13D	4 1/2	2 3/8 (LCL)	250	28500

### "C" ANSI CODED LAMPS

1500	★T-11	Mogul Bipost	37564	CXZ-Q1500T11/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal.	C-13	8 1/2	5 (LCL)	300	44500
1000	★T-7		42697	CYV-Q1000T7/4CL/BP	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal.	C-13D	8	5 (LCL)	200	28500
2000	★T-10		36636	CYX-Q2000T10/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal.	C-13	8 1/2	5 (LCL)	300	59000

### "D" ANSI CODED LAMPS

1500	PS-52	■ Mogul	40357	DKX/DSF-Q1500PS52/4	120	12	Inside Frosted—Scoop Lamp. Stage/Studio. 3200°K.	C-8	13	9 1/2 (LCL)	1000	41000
1000	★		39582	DKZ/DSE-Q1000PS52/4	120	12	Inside Frosted—Scoop Lamp. Stage/Studio. 3200°K.	CC-8	13	9 1/2 (LCL)	750	28000
5000	★T-20	Mogul Bipost	41736	DPY-Q5000T20/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal. (159)	C-13	11	6 1/2 (LCL)	500	143000
10,000	★T-24		39060	DTY-Q10M/T24/4CL	120	1	□ Clear—Stage/Studio‡. 3200°K. Burn within 45° of base down (116)	C-13	15 3/8	10 (LCL)	300	290500
DWT... General Lighting Service lamp type... see Q1000T6/CL 120 Volt... listed on page 59.												



‡ For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



## QUARTZLINE® TUNGSTEN HALOGEN LAMPS (Continued)

### STAGE/STUDIO SERVICE

(Listed by ANSI Code in Alphabetical Sequence)

Watts	Bulb	Base	UPC- DC Vendor Item No.  GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. I. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens		
“E” ANSI CODED LAMPS														
500	★T-4	Medium Prefocus	39134	EGC/EGD-Q500/5CL/P	120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3150°K.	CC-8	6	3 1/2 (LCL)	500	12700		
500			39135	EGE-Q500CL/P	120	12	<input type="checkbox"/> Clear—Stage/Studio*. 3000°K.	CC-8	6	3 1/2 (LCL)	2000	10450		
750	★T-6		39136	EGF-Q750/4CL/P	120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K.	CC-8	6	3 1/2 (LCL)	500	20400		
750			39137	EGG-Q750CL/P	120	12	<input type="checkbox"/> Clear—Stage/Studio*. 3000°K.	CC-8	6	3 1/2 (LCL)	2000	15750		
1000			38853	EGJ-Q1000/4CL/P	120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K.	CC-8	6	3 1/2 (LCL)	500	27500		
1000			38852	EGK-Q1000/4/P	120	12	<input type="checkbox"/> Outside Frosted— Stage/Studio‡. 3200°K.	CC-8	6	3 1/2 (LCL)	500	26500		
1000			39138	EGM-Q1000CL/P	120	12	<input type="checkbox"/> Clear—Stage/Studio*. 3000°K.	CC-8	6	3 1/2 (LCL)	2000	21500		
750	★T-7		39190	EGR-Q750T7/4CL	120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal	C-13D	5	2 1/2 (LCL)	200	21000		
1000		39191	EGT-Q1000T7/4CL	120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal	C-13D	5	2 1/2 (LCL)	250	28500			
500	★T-4	Medium 2-Pin	37082	EHC/EHB-Q500/5CL	120	6	<input type="checkbox"/> Clear—Stage/Studio‡. 3150°K.	CC-8	4	2 3/8 (LCL)	300	12700		
500			37083	EHD-Q500CL/TP	120	6	<input type="checkbox"/> Clear—Stage/Studio*. 3000°K.	CC-8	4	2 3/8 (LCL)	2000	10600		
750	★T-6		37051	EHF-Q750/4CL	120	6	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K.	CC-8	4 1/2	2 3/8 (LCL)	300	20400		
750	★T-5		43167	EHG-Q750CL/TP	120	6	<input type="checkbox"/> Clear—Stage/Studio‡. 3000°K.	CC-8	4 1/8	2 3/8 (LCL)	2000	15400		
				EHM . . . General Lighting Service lamp type . . . see Q300T3/CL 120 Volt . . . listed on page 58.										
				EHP . . . General Lighting Service lamp type . . . see Q300T4/CL 120 Volt . . . listed on page 58.										
				EHR . . . General Lighting Service lamp type . . . see Q400T4/CL 120 Volt . . . listed on page 58.										
				EHS . . . General Lighting Service lamp type . . . see FER/EHS-Q1000T6/4CL 120 Volt . . . listed on page 55.										
				EHT . . . General Lighting Service lamp type . . . see Q250CL/MC 120 Volt . . . listed on page 57.										
				EHZ . . . General Lighting Service lamp type . . . see Q300T3 120 Volt . . . listed on page 58.										
1000	★T-3	Recessed Single Contact	23788	EJD-Q1000T3/3CL	185	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3350°K. Burn horizontal.	C-8	4 11/16	2 11/16	100	33600		
750			23756	EJG-Q750T3/4CL	120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 11/16	2 7/16				
750			34755	EMD-Q750T3/4	120	12	<input type="checkbox"/> Outside Frosted— Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 11/16	2 7/16	400	19500		
800			23760	EME-Q800T3/4CL	240	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 11/16	2 3/4	250	22000		
800			23761	EMF-Q800T3/4	240	12	<input type="checkbox"/> Outside Frosted— Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 11/16	2 3/4	250	21400		
				ESL . . . General Lighting Service lamp type . . . see Q150CL/MC/2V 120 Volt . . . listed on page 56.										
				ESM . . . General Lighting Service lamp type . . . see Q250MC 120 Volt . . . listed on page 57.										
				ESN . . . General Lighting Service lamp type . . . see Q100CL/MC 120 Volt . . . listed on page 56.										
				ESP . . . General Lighting Service lamp type . . . see Q150CL/DC/2V 120 Volt . . . listed on page 57.										
				ESR . . . General Lighting Service lamp type . . . see Q100CL/DC 120 Volt . . . listed on page 56.										
				ESS . . . General Lighting Service lamp type . . . see Q250CL/DC 120 Volt . . . listed on page 57.										
				ETB . . . General Lighting Service lamp type . . . see Q250DC 120 Volt . . . listed on page 57.										
				ETC . . . General Lighting Service lamp type . . . see Q150CL/DC 120 Volt . . . listed on page 57.										

\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.  
 ‡ For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



# GENERAL ELECTRIC QUARTZ LAMPS

Burning Position—ANY, except as noted.

**QUARTZLINE® LAMPS**  
**STAGE/STUDIO SERVICE**

## QUARTZLINE® TUNGSTEN HALOGEN LAMPS (Continued)

### STAGE/STUDIO SERVICE


(Listed by ANSI Code in Alphabetical Sequence)

Watts	Bulb	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila-ment Design	M. O. L. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Initial Lumens
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### “E” ANSI CODED LAMPS (Continued)

				ETD . . . General Lighting Service lamp type . . . see <b>Q100DC</b> 120 Volt . . . listed on page 56.								
				ETE . . . General Lighting Service lamp type . . . see <b>Q100MC</b> 120 Volt . . . listed on page 56.								
				ETF . . . General Lighting Service lamp type . . . see <b>Q150DC</b> 120 Volt . . . listed on page 57.								
				ETG . . . General Lighting Service lamp type . . . see <b>Q150CL/MC</b> 120 Volt . . . listed on page 56.								
				ETH . . . General Lighting Service lamp type . . . see <b>Q150MC</b> 120 Volt . . . listed on page 56.								
500	★T-4	Mini-Can	47950	EVR-Q500CL/MC	120	6	□ Clear—Stage/Studio*. 2950°K. (128)	CC-8	3 <sup>5</sup> / <sub>8</sub>	2 (LCL)	2000 (103)	10450

### “F” ANSI CODED LAMPS

				FCL . . . General Lighting Service lamp type . . . see <b>Q500T3/CL</b> 120 Volt . . . listed on page 58.								
1000	★T-3	Recessed Single Contact	23797	FCM-Q1000T3/4CL	120	12	□ Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	400	28000
1000	★T-6	Medium 2-Pin	35853	FCV-Q1000/4	120	6	□ Outside Frosted—Stage/Studio‡. 3200°K. (180)	CC-8	4 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	300	26500
				FCZ . . . General Lighting Service lamp type . . . see <b>Q500T3</b> 120 Volt . . . listed on page 58.								
1500	★T-4	Recessed Single Contact	23841	FDB-Q1500T4/4CL	120	12	□ Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	6 <sup>9</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	400	41200
500	★T-3		23735	FDF-Q500T3/4CL	120	12	□ Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	400	13250
500			23734	FDN-Q500T3/4	120	12	□ Outside Frosted—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	400	12800
1000	★T-6	Medium 2-Pin	35607	FEL-Q1000/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K. (180)	CC-8	4 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	300	27500
1000		Recessed Single Contact	33760	FER/EHS-Q1000T6/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K.	CC-8	5 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	500	27500
2000	★T-8		33761	FEY-Q2000T8/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K.	CC-8	5 <sup>5</sup> / <sub>8</sub>	1	400	57000
1000	★PAR-64	Extended Mogul End Prong	23764	FFN-Q1000PAR64/1	120	12	PAR—Very Narrow Spotlight—Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	400000 (141)
1000			23765	FFP-Q1000PAR64/2	120	12	PAR—Narrow Spotlight—Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	330000 (141)
1000			23768	FFR-Q1000PAR64/5	120	12	PAR—Medium Floodlight—Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	125000 (142)
1000			23769	FFS-Q1000PAR64/6	120	12	PAR—Wide Floodlight—Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	40000 (142)
1000	★T-3	Recessed Single Contact	33280	FFT-Q1000T3/1CL	120	12	□ Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	6 <sup>9</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	400	26400
1000	★PAR-64	Extended Mogul End Prong	36199	FGM-Q1000PAR64/3D	120	12	PAR—Dichro Daylight-Narrow Spotlight—Stage/Studio. 5200°K. (106,131)	CC-6	6	...	200	200000 (141)
1000			36200	FGN-Q1000PAR64/7D	120	12	PAR—Dichro Daylight-Medium Floodlight—Stage/Studio. 5200°K. (106,131)	CC-6	6	...	200	70000 (142)
1500	★T-4	Recessed Single Contact	41229	FGT-Q1500T4/4	120	12	□ Outside Frosted—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	6 <sup>9</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	400	40200
1000			23792	FHM-Q1000T3/4	120	12	□ Outside Frosted—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	400	27300

\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.  
‡ For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



**QUARTZLINE® TUNGSTEN HALOGEN LAMPS**  
**GENERAL LIGHTING AND STAGE/STUDIO SERVICE**  
**GENERAL INFORMATION**

All General Electric Quartzline® tungsten halogen lamps operate above normal atmospheric pressure when burning. They should be protected from scratches and abrasions and should not be used at over 110% of rated voltage.

On "non-jacketed" lamp types (where indicated by the symbol "□" in the DESCRIPTION column) screening techniques should be used, where appropriate, to protect people and surroundings in case of shattering.

**COLOR TEMPERATURE** listed below for various Quartzline lamp types should be considered as approximate mean Kelvin color temperature ratings.

**INITIAL LUMENS** ratings of Quartzline lamps shown in this section are based upon photometry readings obtained after operating lamps for 1% of rated life, up to a maximum of 10 hours at rated volts.

**LOW-NOISE CONSTRUCTION**—All Quartzline Stage/Studio lamps (except PAR types) have special "low-noise" construction to minimize generation of audible noise when operated on A.C. circuits. In addition, all Quartzline lamps equipped with Recessed Single Contact bases have "low-noise" construction.

**ANSI CODES**—Many Quartzline lamps, primarily used in stage lighting, television and motion picture production, are identified by a "three-letter" ANSI (American National Standards Institute) Code. Ultimate purchasers of these lamps frequently order their requirements by the ANSI Code rather than the manufacturer's Lamp Ordering Code.

Pages 53-55 of this Catalog list all such GE Quartzline lamps (considered "Stage/Studio" types because of their application). They are arranged in alphabetical order by ANSI Code. You will note that the assigned ANSI Code now is included as the Prefix in the GE Lamp Ordering Code.

Since the preceding section is in alphabetical order by ANSI Code, the lamps listed therein do not follow in wattage sequence. Therefore, all Quartzline "Stage/Studio" lamps also are included in the following "General Lighting" section, which is arranged in wattage sequence.


**ANSI Codes also are assigned to many Incandescent lamps. For your convenience, the "ANSI Code Reference Guide" on page 15 of this Schedule shows all GE ANSI-coded Incandescent and Quartzline Lamps in alphabetical order, followed by the GE Lamp Ordering Code.**

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts or Amps (A)	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. L. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Lumens	
		GE ID No. 043168-									Initial	Mean


**45—75 WATTS**

★T-2½	Recessed Single Contact	23850	Q45T2½/CL	7	12	□Clear—Instrument*	C-8	2⅞	(137)	1000	710	690
★T-4	2-Pin Prefocus	41541	Q45T4/CL	6.6A	12	□Clear—Airport*. Burn base down.	C-6	2½	1⅞/32 (LCL)	500	835	825
★T-3	Miniature Screw	39574	Q75CL	28	20	□Clear* (101)	CC-6	2½	1⅞/16 (LCL)	2000	1400	1360

**100 WATTS**

	Mini-Can	44385	Q100CL/MC	120	6	□Clear*. ANSI Code: ESN	CC-2V	2⅞/16	1⅞/8 (LCL)	1000	1800	1675
		44656	Q100MC	120	6	□Outside Frosted*. ANSI Code: ETE	CC-2V	2⅞/16	1⅞/8 (LCL)	1000	1750	1630
	D.C. Bay.	44386	Q100CL/DC	120	6	□Clear*. ANSI Code: ESR	CC-2V	2⅞/16	1⅞/8 (LCL)	1000	1800	1675
		44657	Q100DC	120	6	□Outside Frosted*. ANSI Code: ETD	CC-2V	2⅞/16	1⅞/8 (LCL)	1000	1750	1630
	2-Pin Prefocus	41542	Q100T4/CL	6.6A	12	□Clear—Airport*. Burn base down.	C-6	2½	1⅞/32 (LCL)	500	2080	2060
	★PAR-36 Screw Terminal	33174	Q100PAR36	6.6A	12	PAR—Airport. Clear rounded cover	C-6	2¾	...	1200	1860	1840

**150 WATTS**

	Mini-Can	43694	Q150CL/MC	6PK	120	6	□Clear* ANSI Code: ETG	CC-8	2⅞/16	1⅞/8 (LCL)	2000	2800	2600
		44383	Q150CL/MC/2V		120	6	□Clear* ANSI Code: ESL	CC-2V	2⅞/16	1⅞/8 (LCL)	1000	2800	2600
		44654	Q150MC		120	6	□Outside Frosted*. ANSI Code: ETH	CC-8	2⅞/16	1⅞/8 (LCL)	2000	2700	2500

\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



# GENERAL ELECTRIC QUARTZ LAMPS

Burning Position—ANY, except as noted.


**QUARTZLINE® LAMPS**  
**GENERAL LIGHTING SERVICE**

## QUARTZLINE® TUNGSTEN HALOGEN LAMPS (Continued)

### GENERAL LIGHTING AND STAGE/STUDIO SERVICE

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts or Amps (A)	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. L. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Lumens	
		GE ID No. 043168-									Initial	Mean

#### 150 WATTS (Continued)

	D.C. Bay.	43693	<b>Q150CL/DC</b>	<b>6PK</b>	<b>120</b>	6	<input type="checkbox"/> Clear* ANSI Code: ETC	CC-8	27/16	1 3/8 (LCL)	2000	2800	2600
		44384	<b>Q150CL/DC/2V</b>		<b>120</b>	6	<input type="checkbox"/> Clear* ANSI Code: ESP	CC-2V	27/16	1 3/8 (LCL)	1000	2800	2600
		44653	<b>Q150DC</b>		<b>120</b>	6	<input type="checkbox"/> Outside Frosted* ANSI Code: ETF	CC-8	27/16	1 3/8 (LCL)	2000	2700	2500
	Recessed Single Contact	23710	<b>Q150T4/CL</b>		<b>25</b>	12	<input type="checkbox"/> Clear—Dental Spotlight*	CC-8 (139)	29/16	...	3000	2760	2680
★PAR-38	Medium Skirted	11107	<b>Q150PAR38SP</b>		<b>120</b>	12	PAR—Clear—Projector Spotlight (104,112)	CC-8	5 5/16	...	4000	1800	1700
		11108	<b>Q150PAR38FL</b>		<b>120</b>	12	PAR—Clear—Projector Floodlight (104,112)	CC-8	5 5/16	...	4000	1800	1700




#### 200 WATTS

★T-3	Recessed Single Contact	43713	<b>Q200T3/CL</b>	<b>6PK</b>	<b>120</b>	6	<input type="checkbox"/> Clear*	CC-8	3 1/8	1 5/16	1500	3460	3100
★T-4	2-Pin Prefocus	40702	<b>Q200T4/CL</b>		<b>6.6A</b>	12	<input type="checkbox"/> Clear—Airport* Burn base down	CC-6	2 3/8	1 17/32 (LCL)	500	5150	5100

#### 235 WATTS

★T-4	2-Pin Prefocus	11548	<b>Q235T4/3</b>		<b>33</b>	12	<input type="checkbox"/> Outside Frosted— Instrument*	CC-6	2 3/8	1 17/32 (LCL)	(103)	6200	...
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#### 250 WATTS

	Medium Skirted	23719	<b>Q250PAR38SP</b>		<b>120</b>	12	PAR—Clear—Projector Spotlight. Burn only in porcelain sockets (112)	CC-8	5 5/16	...	6000	3500 (169)	3325
		23718	<b>Q250PAR38FL</b>		<b>120</b>	12	PAR—Clear—Projector Floodlight. Burn only in porcelain sockets (112)	CC-8	5 5/16	...	6000	3500 (170)	3325
 	Mini-Can	43699	<b>Q250CL/MC</b>	<b>6PK</b>	<b>120</b>	6	<input type="checkbox"/> Clear* ANSI Code: EHT	CC-8	3 5/32	1 5/8 (LCL)	2000	5000	4850
		43700	<b>Q250CL/MC</b>	<b>6PK</b>	<b>130</b>	6	<input type="checkbox"/> Clear*	CC-8	3 5/32	1 5/8 (LCL)	2000	5000	4850
		43695	<b>Q250MC</b>	<b>6PK</b>	<b>120</b>	6	<input type="checkbox"/> Outside Frosted* ANSI Code: ESM	CC-8	3 5/32	1 5/8 (LCL)	2000	4850	4700
		43696	<b>Q250MC</b>	<b>6PK</b>	<b>130</b>	6	<input type="checkbox"/> Outside Frosted*	CC-8	3 5/32	1 5/8 (LCL)	2000	4850	4700
	D.C. Bay.	43697	<b>Q250CL/DC</b>	<b>6PK</b>	<b>120</b>	6	<input type="checkbox"/> Clear* ANSI Code: ESS	CC-8	3	1 5/8 (LCL)	2000	5000	4850
		43698	<b>Q250CL/DC</b>	<b>6PK</b>	<b>130</b>	6	<input type="checkbox"/> Clear*	CC-8	3	1 5/8 (LCL)	2000	5000	4850
		43701	<b>Q250DC</b>	<b>6PK</b>	<b>120</b>	6	<input type="checkbox"/> Outside Frosted* ANSI Code: ETB	CC-8	3	1 5/8 (LCL)	2000	4850	4700
		43702	<b>Q250DC</b>	<b>6PK</b>	<b>130</b>	6	<input type="checkbox"/> Outside Frosted*	CC-8	3	1 5/8 (LCL)	2000	4850	4700

\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.

**ENERGY SAVING GE LAMPS shown on this page are printed in green.**



## QUARTZLINE® TUNGSTEN HALOGEN LAMPS (Continued)

### GENERAL LIGHTING AND STAGE/STUDIO SERVICE

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. L. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Lumens	
		GE ID No. 043168-									Initial	Mean

#### 300 WATTS

★T-3	Recessed Single Contact	43703	Q300T3/CL	6PK	120	6	<input type="checkbox"/> Clear—Burn horizontal.* ANSI Code: EHM	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>16</sub>	2000	5950	5760
		43704	Q300T3	6PK	120	6	<input type="checkbox"/> Outside Frosted—Burn horizontal.* ANSI Code: EHZ	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>16</sub>	2000	5900	5700
★T-4		43705	Q300T4/CL	6PK	120	6	<input type="checkbox"/> Clear*. ANSI Code: EHP	CC-8	3 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>16</sub>	2000	5650	5480

#### 400 WATTS

★T-4	Recessed Single Contact	43708	Q400T4/CL	6PK	120	6	<input type="checkbox"/> Clear*. ANSI Code: EHR	CC-8	3 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	2000	7750	7540
	Mini-Can	43707	Q400CL/MC	6PK	120	6	<input type="checkbox"/> Clear*	CC-8	3 <sup>5</sup> / <sub>8</sub>	2 (LCL)	2000	8250	8000
		43706	Q400MC	6PK	120	6	<input type="checkbox"/> Outside Frosted*	CC-8	3 <sup>5</sup> / <sub>8</sub>	2 (LCL)	2000	7850	7600

#### 425 WATTS

★T-3	Recessed Single Contact	11178	Q425T3/CL		120	12	<input type="checkbox"/> Clear—General & Rough Service. Burn horizontal.*	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>32</sub>	2000	8900	8600
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#### 500 WATTS

★T-3	Recessed Single Contact	23731	Q500T3/CL		120	12	<input type="checkbox"/> Clear—General & Rough Service. Burn horizontal.* ANSI Code: FCL	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2000	10950	10600
		23733	Q500T3/CL		130	12	<input type="checkbox"/> Clear—General & Rough Service. Burn horizontal.*	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	2000	10550	10250
		23744	500T3/CL/6		120	12	<input type="checkbox"/> Clear—Six Support. Burn horizontal.*	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	1500 (103)	10950	10600
		23703	Q500T3		120	12	<input type="checkbox"/> Outside Frosted—General & Rough Service.* Burn horizontal. ANSI Code: FCZ	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2000	10700	10400
		23717	Q500T3		130	12	<input type="checkbox"/> Outside Frosted—General & Rough Service.* Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	2000	10300	10000
★T-4	D.C. Bay.	43710	Q500CL/DC	6PK	120	6	<input type="checkbox"/> Clear*	CC-8	3 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub> (LCL)	2000	10450	10150
		43709	Q500DC	6PK	120	6	<input type="checkbox"/> Outside Frosted*	CC-8	3 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub> (LCL)	2000	10100	9800
★PAR-56	Mogul End Prong	43494	Q500PAR56NSP	6PK	120	6	PAR—Narrow Spotlight (106,131)	CC-6	5	...	4000	8000 (143)	7520
		43495	Q500PAR56MFL	6PK	120	6	PAR—Medium Floodlight (106,131)	CC-6	5	...	4000	8000 (144)	7520
		43496	Q500PAR56WFL	6PK	120	6	PAR—Wide Floodlight (106,131)	CC-6	5	...	4000	8000 (145)	7520
★T-3	Recessed Single Contact	23735	FDF-Q500T3/4CL		120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	400	13250	12500
		23734	FDN-Q500T3/4		120	12	<input type="checkbox"/> Outside Frosted—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	400	12800	12200
★T-4	Medium 2-Pin	37082	EHC/EHB-Q500/5CL		120	6	<input type="checkbox"/> Clear—Stage/Studio‡. 3150°K.	CC-8	4	2 <sup>3</sup> / <sub>8</sub> (LCL)	300	12700	12065
		37083	EHD-Q500CL/TP		120	6	<input type="checkbox"/> Clear—Stage/Studio*. 3000°K.	CC-8	4	2 <sup>3</sup> / <sub>8</sub> (LCL)	2000	10600	10280
	Medium Prefocus	39135	EGE-Q500CL/P		120	12	<input type="checkbox"/> Clear—Stage/Studio*. 3000°K.	CC-8	6	3 <sup>1</sup> / <sub>2</sub> (LCL)	2000	10450	10140
		39134	EGC/EGD-Q500/5CL/P		120	12	<input type="checkbox"/> Clear—Stage/Studio‡. 3150°K.	CC-8	6	3 <sup>1</sup> / <sub>2</sub> (LCL)	500	12700	12065
★T-4	Mini-Can	47950	EVR-Q500CL/MC		120	6	<input type="checkbox"/> Clear—Stage/Studio*. 2950°K. (128)	CC-8	3 <sup>5</sup> / <sub>8</sub>	2 (LCL)	2000 (103)	10450	10150

\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.

‡ For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



# GENERAL ELECTRIC QUARTZ LAMPS

Burning Position—ANY, except as noted.


**QUARTZLINE® LAMPS**  
**GENERAL LIGHTING SERVICE**

## QUARTZLINE® TUNGSTEN HALOGEN LAMPS (Continued)

### GENERAL LIGHTING AND STAGE/STUDIO SERVICE

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. L. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Lumens	
		GE ID No. 043168-									Initial	Mean

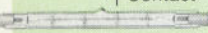

#### 750 WATTS

★T-3	Recessed Single Contact	23756	EJG-Q750T3/4CL	120	12	□ Clear—Stage/Studio†. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	400	20600	19500
		23755	EMD-Q750T3/4	120	12	□ Outside Frosted—Stage/Studio†. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	400	19500	18500
★T-5	Medium 2-Pin	43167	EHG-Q750CL/TP	120	6	□ Clear—Stage/Studio*. 3000°K.	CC-8	4 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	2000	15400	...
★T-6 	Medium Prefocus	37051	EHF-Q750/4CL	120	6	□ Clear—Stage/Studio†. 3200°K.	CC-8	4 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	300	20400	19380
		39137	EGG-Q750CL/P	120	12	□ Clear—Stage/Studio*. 3000°K.	CC-8	6	3 <sup>1</sup> / <sub>2</sub> (LCL)	2000	15750	15280
		39136	EGF-Q750/4CL/P	120	12	□ Clear—Stage/Studio†. 3200°K.	CC-8	6	3 <sup>1</sup> / <sub>2</sub> (LCL)	500	20400	19380
★T-7	Medium 2-Pin	39680	BWM-Q750T7/4CL/TP	120	6	□ Clear—Stage/Studio†. 3200°K. Burn base down to horizontal.	C-13D	4 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	200	20900	19860
	Medium Bipost	39190	EGR-Q750T7/4CL	120	12	□ Clear—Stage/Studio†. 3200°K. Burn base down to horizontal.	C-13D	5	2 <sup>1</sup> / <sub>2</sub> (LCL)	200	21000	19950

#### 800 WATTS

★T-3	Recessed Single Contact	23760	EME-Q800T3/4CL	240	12	□ Clear—Stage/Studio†. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	250	22000	20800
		23761	EMF-Q800T3/4	240	12	□ Outside Frosted—Stage/Studio†. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	250	21400	20300

#### 1000 WATTS

★T-3 	Recessed Single Contact	43711	Q1000T3/CL	6PK	220	6	□ Clear—General & Rough Service.* Burn horizontal.	C-8	10 <sup>1</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>8</sub>	2000	21400	20760
		43712	Q1000T3/CL	6PK	240	6	□ Clear—General & Rough Service.* Burn horizontal.	C-8	10 <sup>1</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	2000	21400	20760
★T-6		23800	Q1000T6/CL		120	6	□ Clear*. ANSI Code: DWT	CC-8	5 <sup>5</sup> / <sub>8</sub>	1	2000	23400	22700
		33772	Q1000T6/CL/2		120	6	□ Clear—General Lighting.*	CC-8	5 <sup>5</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>32</sub>	4000	19800	18800
★PAR-64 	Extended Mogul End Prong	43497	Q1000PAR64NSP	6PK	120	6	PAR—Narrow Spotlight (106,131)	CC-6	6	...	4000	19400 (163)	18240
		43498	Q1000PAR64MFL	6PK	120	6	PAR—Medium Floodlight (106,131)	CC-6	6	...	4000	19400 (164)	18240
		43499	Q1000PAR64WFL	6PK	120	6	PAR—Wide Floodlight (106,131)	CC-6	6	...	4000	19400 (165)	18240
★R-60	■ Mogul	23781	Q1000R60FL		120	6	Reflector Floodlight—I.F. (108)	CC-8	10 <sup>1</sup> / <sub>8</sub>	...	3000	18300 (172)	17400
★T-20	Mogul Bipost	41734	Q1000T20BP	6PK	120	6	□ Clear—Lighthouse. Light Source approx. 1/4" dia. x 1" high. Burn base down.	CC-8	9 <sup>1</sup> / <sub>2</sub>	4 (LCL)	3000	22400	21700
PS-52	■ Mogul	39582	DKZ/DSE-Q1000PS52/4		120	12	Inside Frosted—Scoop Lamp. Stage/Studio. 3200°K.	CC-8	13	9 <sup>1</sup> / <sub>2</sub> (LCL)	750	28000	...
★T-3	Recessed Single Contact	23797	FCM-Q1000T3/4CL		120	12	□ Clear—Stage/Studio†. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	400	28000	26600
		23792	FHM-Q1000T3/4		120	12	□ Outside Frosted—Stage/Studio†. 3200°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	400	27300	25900

\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.

† For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



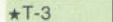
**QUARTZLINE® TUNGSTEN HALOGEN LAMPS (Continued)**  
GENERAL LIGHTING AND STAGE/STUDIO SERVICE

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. L. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Lumens	
		GE ID No. 043168-									Initial	Mean

**1000 WATTS (Continued)**

	Recessed Single Contact	33280	FFT-Q1000T3/1CL	120	12	□ Clear—Stage/Studio†. 3200°K. Burn horizontal.	C-8	6 <sup>9</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	400	26400	25080
		23788	EJD-Q1000T3/3CL	185	12	□ Clear—Stage/Studio†. 3350°K. Burn horizontal.	C-8	4 <sup>11</sup> / <sub>16</sub>	2 <sup>11</sup> / <sub>16</sub>	100	33600	...
	Medium 2-Pin	33760	FER/EHS-Q1000T6/4CL	120	6	□ Clear—Stage/Studio†. 3200°K.	CC-8	5 <sup>5</sup> / <sub>8</sub>	3/4	500	27500	...
		35607	FEL-Q1000/4CL	120	6	□ Clear—Stage/Studio†. 3200°K. (180)	CC-8	4 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	300	27500	...
	Medium 2-Pin	35853	FCV-Q1000/4	120	6	□ Outside Frosted—Stage/Studio†. 3200°K. (180)	CC-8	4 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	300	26500	...
		39681	BWN-Q1000T7/4CL/TP	120	6	□ Clear—Stage/Studio†. 3200°K. Burn base down to horizontal.	C-13D	4 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub> (LCL)	250	28500	...
	Medium Prefocus	39138	EGM-Q1000CL/P	120	12	□ Clear—Stage/Studio*. 3000°K.	CC-8	6	3 <sup>1</sup> / <sub>2</sub> (LCL)	2000	21500	...
		38853	EGJ-Q1000/4CL/P	120	12	□ Clear—Stage/Studio†. 3200°K.	CC-8	6	3 <sup>1</sup> / <sub>2</sub> (LCL)	500	27500	...
		38852	EGK-Q1000/4/P	120	12	□ Outside Frosted—Stage/Studio†. 3200°K.	CC-8	6	3 <sup>1</sup> / <sub>2</sub> (LCL)	500	26500	...
	Medium Bipost	39191	EGT-Q1000T7/4CL	120	12	□ Clear—Stage/Studio†. 3200°K. Burn base down to horizontal.	C-13D	5	2 <sup>1</sup> / <sub>2</sub> (LCL)	250	28500	...
	Mogul Bipost	42697	CYV-Q1000T7/4CL/BP	120	6	□ Clear—Stage/Studio†. 3200°K. Burn base down to horizontal.	C-13D	8	5 (LCL)	200	28500	...
	Extended Mogul End Prong	23764	FFN-Q1000PAR64/1	120	12	PAR—Very Narrow Spotlight— Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	400000 (141)	...
		23765	FFP-Q1000PAR64/2	120	12	PAR—Narrow Spotlight— Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	330000 (141)	...
		23768	FFR-Q1000PAR64/5	120	12	PAR—Medium Floodlight— Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	125000 (142)	...
		23769	FFS-Q1000PAR64/6	120	12	PAR—Wide Floodlight— Stage/Studio. 3200°K. (106,131)	CC-6	6	...	600	40000 (142)	...
		36199	FGM-Q1000PAR64/3D	120	12	PAR—Dichro Daylight-Narrow Spotlight—Stage/Studio. 5200°K. (106,131)	CC-6	6	...	200	200000 (141)	...
		36200	FGN-Q1000PAR64/7D	120	12	PAR—Dichro Daylight-Medium Floodlight—Stage/Studio. 5200°K. (106,131)	CC-6	6	...	200	70000 (142)	...

**1250 WATTS**

	Recessed Single Contact	23808	Q1250T3/CL	208§	12	□ Clear—General & Rough Service. Burn horizontal.*	C-8	10 <sup>1</sup> / <sub>16</sub>	6	2000§	28000	27100
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\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.

† For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.

§ When operated on 240 volts, average rated life is 300 hours, approximate watts are 1560, approximate initial lumens are 43800 and approximate mean lumens are 42485.



**QUARTZLINE® TUNGSTEN HALOGEN LAMPS (Continued)**  
**GENERAL LIGHTING AND STAGE/STUDIO SERVICE**

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. L. (In.)	Approx. Lighted Length or Light Center Length (LCL) (Inches)	Avg. Rated Life (Hours)	Approx. Lumens	
		GE ID No. 043168-									Initial	Mean

**1500 WATTS**

★T-3	Recessed Single Contact	23828	Q1500T3/CL	208	12	□ Clear—General & Rough Service. Burn horizontal.*	C-8	10 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	2000	35800	34725
		23826	Q1500T3/CL	220	12	□ Clear—General & Rough Service. Burn horizontal.*	C-8	10 <sup>1</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	2000	35800	34725
		23830	Q1500T3/CL	240	12	□ Clear—General & Rough Service. Burn horizontal.*	C-8	10 <sup>1</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	3000	35800	34725
		23836	Q1500T3/CL/6	240	12	□ Clear—14 Support. Burn horizontal.* (133)	C-8	10 <sup>1</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	1000 (103)	35800	34725
		23832	Q1500T3/CL	277	12	□ Clear—General & Rough Service. Burn horizontal.*	C-8	10 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	2000	34400	33400
PS-52	■ Mogul	40357	DKX/DSF-Q1500PS52/4	120	12	Inside Frosted—Scoop Lamp. Stage/Studio. 3200°K.	C-8	13	9 <sup>1</sup> / <sub>2</sub> (LCL)	1000	41000	...
★T-4	Recessed Single Contact	23841	FDB-Q1500T4/4CL	120	12	□ Clear—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	6 <sup>9</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	400	41200	40000
		41229	FGT-Q1500T4/4	120	12	□ Outside Frosted—Stage/Studio‡. 3200°K. Burn horizontal.	C-8	6 <sup>9</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	400	40200	...
★T-11	Mogul Bipost	37564	CXZ-Q1500T11/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal	C-13	8 <sup>1</sup> / <sub>2</sub>	5 (LCL)	300	44500	...

**2000 WATTS**

★T-8	■ Mogul	37086	BWF-Q2000/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K.	CC-8	7 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>4</sub> (LCL)	500	59000	...
BWF	Recessed Single Contact	33761	FEY-Q2000T8/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K.	CC-8	5 <sup>5</sup> / <sub>8</sub>	1	400	57000	54200
	Mogul Bipost	39587	BWA-Q2000/4CL/BP	120	6	□ Clear—Stage/Studio‡. 3200°K.	CC-8	8	5 (LCL)	500	59000	...
★T-10		36636	CYX-Q2000T10/4CL	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal.	C-13	8 <sup>1</sup> / <sub>2</sub>	5 (LCL)	300	59000	...

**5000 WATTS**

★T-20	Mogul Bipost	41736	DPY-Q5000T20/4CL 6PK	120	6	□ Clear—Stage/Studio‡. 3200°K. Burn base down to horizontal. (159)	C-13	11	6 <sup>1</sup> / <sub>2</sub> (LCL)	500	143000	...
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**6000 WATTS**

★T-3	Sleeve- with 6" flex. leads	23843	Q6M/T3/CL/HT	480	12	□ Clear—Infrared. High Temperature Construction. Burn horizontal (118,128)	C-8	11 <sup>15</sup> / <sub>16</sub> (111)	9 <sup>3</sup> / <sub>4</sub>	100 (153)	...	...
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**10,000 WATTS**

★T-24	Mogul Bipost	39060	DTY-Q10M/T24/4CL	120	1	□ Clear—Stage/Studio‡. 3200°K. Burn within 45° of base down. (116)	C-13	15 <sup>3</sup> / <sub>8</sub>	10 (LCL)	300	290500	...
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\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.  
‡ For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



# QUARTZLINE LAMPS —LISTED BY AMPERES AND WATTS

## GENERAL ELECTRIC QUARTZ LAMPS

Burning Position—ANY, except as noted.

### QUARTZLINE® TUNGSTEN HALOGEN LAMPS— LISTED BY AMPERES AND WATTS

Watts	Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Amps	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	Fila- ment Design	M. O. L. (In.)	Approx. Lighted Length (Inches)	Avg. Rated Life (Hours)	Approx. Lumens	
			GE ID NO. 043168-									Initial	Mean
45	★T-2½	Recessed Single Contact	23846	Q6.6A/T2½/CL	6.6A	12	□Clear—Airport* (151)	C-8	2⅜	(137)	1000	710	705
		Special (161)	23847	Q6.6A/T2½/1CL	6.6A	12	□Clear—Airport* (151)	C-8	1¾ (134)	(137)	1000	710	705
100	★T-3	Recessed Single Contact	23853	Q6.6A/T3/CL	6.6A	12	□Clear—Instrument Lamp* (151)	C-8	2⅜	(138)	1000	2180	2160
			23856	Q6.6A/T3/4CL	6.6A	12	□Clear—Airport. Selected for filament position*	C-8	2⅝	(150)	1000	2080	2060
200	★T-4	Special (124)	23859	Q6.6A/T4/1CL	6.6A	12	□Clear—Airport‡ (151)	CC-8	2⅜ (134)	(139)	500	4500	4450
		D.C. Bay. Pinged	23860	Q6.6A/T4/DCR	6.6A	12	□Clear—Airport*	CC-6	2⅜	1⅜ (129)	500	5150	...
	★PAR-56	Screw Terminal	33279	Q6.6A/PAR56/3	6.6A	12	PAR—Airport. Burn base down to horizontal (106)	CC-6	4½	...	1000	200000 (140)	...
		Mogul End Prong	10837	Q6.6A/PAR56/3P	6.6A	12	PAR—Airport. Burn base down to horizontal (106)	CC-6	5	...	1000	200000 (140)	...
			38271	Q6.6A/PAR56/2	6.6A	12	PAR—Airport. Burn base down to horizontal	CC-6	5	...	1000	16000 (140)	...
	★PAR-64		38154	Q6.6A/PAR64/2P	6.6A	12	PAR—Airport. Burn base down to horizontal	CC-6	4½	...	2000	...	...
			33632	Q6.6A/PAR64/3P	6.6A	12	PAR—Airport. Burn base down to horizontal	CC-6	4½	...	2000	...	...
	★PAR-56		23861	Q20A/PAR56	20A	12	PAR—Airport	C-6	5	...	500	27000 (140)	...
		Screw Terminal	32861	Q20A/PAR56/2	20A	12	PAR—Airport (106)	C-6	4½	...	500	200000 (140)	...
			23863	Q20A/PAR56/3	20A	12	PAR—Airport. Burn base down to horizontal (106)	CC-6	4½	...	500	330000 (140)	...
499													
500		Mogul End Prong	23862	Q20A/PAR56/1	20A	12	PAR—Airport. Burn base down to horizontal	CC-6	5	...	500	48000 (140)	...

\* For use only where seal temperature does not exceed 650°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.  
‡ For use only where seal temperature does not exceed 750°F. For satisfactory lamp operation a minimum bulb wall temperature of 500°F. is required.



# GENERAL ELECTRIC QUARTZ LAMPS

Burning Position—HORIZONTAL, except as noted.

## TUBULAR QUARTZ HEAT LAMPS

### TUBULAR QUARTZ HEAT LAMPS



Unless otherwise stated, all lamps shown are furnished with metallic sleeve base—with approx. 6" flexible leads. Footnote (111) in the "Maximum Overall Length" column does not apply to lamps with Recessed Single Contact bases. All lamps listed are TRANSLUCENT QUARTZ with C-8 filament design except as noted.

Burning Position—HORIZONTAL, except as noted.

Watts	Design Volts	Bulb	Base	UPC-DC Vendor Item No. GE ID NO. 043168-	Lamp Ordering Code	Volts	Std. Pkg. Qty.	DESCRIPTION (See Quartz Lamp Footnotes—Page 64)	M.O.L. (In.) (111)	Approx. Lighted Length (Inches)	Avg. Rated Life (Hours)
300	120	★T-3	...	39019	QH300T3	115-125	12	▼Infrared (100)	8 <sup>9</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>32</sub>	5000 +
375	120	★T-3	...	21337	QH375T3	115-125	12	▼Infrared (100)	8 <sup>13</sup> / <sub>16</sub>	5	5000 +
			Recessed Single Contact	38893	QH375T3/7	115-125	12	▼Infrared (100)	8 <sup>5</sup> / <sub>8</sub>	5	5000 +
500	120	★T-3	...	21782	QH500T3	115-125	12	▼Infrared (100)	8 <sup>13</sup> / <sub>16</sub>	5	5000 +
			...	21788	QH500T3/CL	115-125	12	▼Infrared—Clear (100)	8 <sup>13</sup> / <sub>16</sub>	5	5000 +
			Recessed Single Contact	21787	QH500T3/7	115-125	12	▼Infrared (100)	8 <sup>5</sup> / <sub>8</sub>	5	5000 +
800	120	★T-3	...	22156	QH800T3	115-125	12	▼Infrared	11 <sup>15</sup> / <sub>16</sub>	8	5000 +
1000	208	★T-3	...	22355	QH1000T3	200-220	12	▼Infrared	13 <sup>13</sup> / <sub>16</sub>	10	5000 +
	240		...	22357	QH1000T3	230-250	12	▼Infrared	13 <sup>13</sup> / <sub>16</sub>	10	5000 +
			...	22358	QH1000T3/CL	230-250	12	▼Infrared—Clear (118,128)	11 <sup>15</sup> / <sub>16</sub>	10	5000 +
			...	22365	QH1000T3/2CL/HT	230-250	12	Infrared—Clear. High Temperature Construction (118,128)	13 <sup>13</sup> / <sub>16</sub>	10	...
1200	...	★T-3	...	22531	QH1200T3/CL	144	12	★▼Infrared—Clear (118,128)	8 <sup>13</sup> / <sub>16</sub>	6	...
1600	208	★T-3	...	22686	QH1600T3	200-220	12	▼Infrared	19 <sup>13</sup> / <sub>16</sub>	16	5000 +
	240		...	22687	QH1600T3	230-250	12	▼Infrared	19 <sup>13</sup> / <sub>16</sub>	16	5000 +
	...		...	22695	QH1600T3	277	12	▼Infrared	19 <sup>13</sup> / <sub>16</sub>	16	5000 +
	240		...	22688	QH1600T3/CL	230-250	12	▼Infrared—Clear	19 <sup>13</sup> / <sub>16</sub>	16	5000 +
	208		Recessed Single Contact	22699	QH1600T3/7	200-220	12	▼Infrared	19 <sup>5</sup> / <sub>8</sub>	16	5000 +
	240			22691	QH1600T3/7	230-250	12	▼Infrared	19 <sup>5</sup> / <sub>8</sub>	16	5000 +
	...			22700	QH1600T3/7	277	12	▼Infrared	19 <sup>5</sup> / <sub>8</sub>	16	5000 +
2000	240	★T-3	...	22789	QH2M/T3/1CL/HT	230-250	12	Infrared—Clear. High Temperature Construction (118,128)	11 <sup>15</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>4</sub>	...
			...	22790	QH2M/T3/CL/HT	230-250	12	Infrared—Clear. High Temperature Construction (118,128)	13 <sup>13</sup> / <sub>16</sub>	10	...
2500	480	★T-3	...	22832	QH2500T3	460-500	12	▼Infrared	28 <sup>13</sup> / <sub>16</sub>	25	5000 +
	600		...	22834	QH2500T3	575-625	12	▼Infrared	28 <sup>13</sup> / <sub>16</sub>	25	5000 +
	480		Recessed Single Contact	22837	QH2500T3/7	460-500	12	▼Infrared	28 <sup>5</sup> / <sub>8</sub>	25	5000 +
			...	22838	QH2500T3/CL	460-500	12	▼Infrared—Clear	28 <sup>13</sup> / <sub>16</sub>	25	5000 +
3650	...	★T-3	Special	10872	QH3650T3/5	480	6	▼Infrared. Ceramic sleeve insulator and approx. 6" flexible stranded nickel lead	41 <sup>5</sup> / <sub>8</sub>	38	5000 +
3800	570	★T-3	...	22875	QH3800T3	550-600	6	▼Infrared	41 <sup>13</sup> / <sub>16</sub>	38	5000 +
			...	22878	QH3800T3/VB	550-600	6	▼Infrared—Vertical Burning Construction (100,123)	41 <sup>13</sup> / <sub>16</sub>	38	5000 +
5000	600	★T-3	...	22900	QH5M/T3/1CL/HT	575-625	12	Infrared—Clear. High Temperature Construction (118,128)	28 <sup>13</sup> / <sub>16</sub>	25	...
	960		...	22902	QH5M/T3/CL	920-1000	6	▼Infrared—Clear	53 <sup>13</sup> / <sub>16</sub>	50	5000 +

▼ For use only where seal temperature does not exceed 650°F.



## GENERAL ELECTRIC QUARTZ LAMPS

### Quartz Lamp Footnotes

100. Burning position—any.
101. Made in Japan expressly for General Electric Company.
103. Life dependent on service conditions.
104. Burn only in porcelain sockets.
106. Although this lamp is made of heat-resistant glass, the bulb and lens should be protected from moisture or breakage may result.
108. The bulb, although made of heat-resistant glass, may break if moisture falls on it. Lamp not recommended for use in enclosed, close-fitting housings.
111. Flexible leads not included in maximum over-all length.
112. This lamp is made of heat-resistant glass and can be used outdoors without moisture protection if burned base up to base horizontal in neck sealed gasketed type lampholders. In other burning positions, protect lens and bulb from moisture or breakage may result. Lamp is not recommended for enclosed, close-fitting housings.
116. This lamp can be burned within 45° of base down, provided tilt is in the direction in which the filament plane faces.
118. Lamp generally limited to intermittent burning.
123. Lamp can be operated in any position, even vertically; however, when burned other than horizontally, the end marked "This end up" on the sleeve base must be higher than the other end of lamp.
124. Approx. 1" flexible leads normal to plane of seals and on same side of lamp as exhaust tip.
128. Designed for use only in special equipment.
129. Distance from light center to a plane created by the three bosses on the locking collar.
131. For use only with heat-resistant connector and with lamp supported by bulb rim.
133. Lamp provides maximum filament straightness under severe operating conditions.
134. MOL dimension includes only length of quartz.
137. Filament dimension: diameter 1.5mm, length 4.5mm ( $\pm 10\%$ ).
138. Filament dimension: diameter 1.5mm, length 10mm ( $\pm 10\%$ ).
139. Filament dimension: diameter 3 mm, length 10mm ( $\pm 10\%$ ).
140. Initial maximum beam candlepower.
141. Initial average beam candlepower within 5° cone.
142. Initial average beam candlepower within 10° cone.
143. Initial average beam candlepower within 5° cone is 96,000.
144. Initial average beam candlepower within 10° cone is 43,000.
145. Initial average beam candlepower within 10° cone is 19,000.
150. Filament dimension: diameter 1.9mm, length 6.4mm ( $\pm 10\%$ ).
151. Filament offset 0.035" from center axis of lamp.
153. Laboratory life at rated volts.
159. This lamp can be burned base down to horizontal, provided tilt is in direction in which the filament plane faces.
161. Approx. 1" ribbon leads extending along axis of the lamp.
163. Initial average beam candlepower within 5° cone is 200,000.
164. Initial average beam candlepower within 10° cone is 80,000.
165. Initial average beam candlepower within 10° cone is 33,000.
169. Initial average beam candlepower within 5° cone is 28,000.
170. Initial average beam candlepower within 10° cone is 6,500.
172. Initial average beam candlepower within 10° cone is 15,500.
180. Because of possible overheating, this lamp is not recommended for use without force-cooling in fixtures having deep-bowl, close-fitting reflectors where the lamp axis is cross-wise to the reflector axis.



## LUCALOX® HIGH PRESSURE SODIUM LAMPS

For use only with auxiliary equipment designed to produce proper electrical values. For total watts add ballast watts. Actual lamp watts may vary depending on the ballast characteristic curve. Unless otherwise noted, ratings apply to operation in A.C. circuits. Specifications for auxiliary equipment are available from the High Intensity and Quartz Lamp Department.

Most Lucalox Lamps are available in two finishes—clear glass and Diffuse Coated. The Diffuse coating provides a softer, more uniform brightness than its clear equivalent with no change in color rendition.

"GE Lucalox Lamp Bulletin #206-7343R2 provides detailed information on lamp characteristics and applications. Lamp Specification Bulletins for individual lamp types provide additional technical data."

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life (10 Hours Per Start)	Approx. Lumens (Any Burning Position)	
		GE ID No. 043168-								Initial (244)	Mean (240)

## 35 WATTS—UNIVERSAL BURNING

E-17	▲Medium‡	11668	LU35/MED	...	6	Clear—General Lighting. Burning position: any. (262)	5 1/2	3 7/16	16000	2250	2025
		11669	LU35/D/MED	...	6	Diffuse Coated—General Lighting. Burning position: any. (262)	5 1/2	3 7/16	16000	2150	1935

## 50 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S68" High Pressure Sodium ballasts)

★E-23 1/2	▲Mogul	44975	LU50	S68MS-50	12	Clear—General Lighting. Burning position: any. (249)	7 3/4	5	24000 +	4000	3600
		45006	LU50/D	S68MT-50	12	Diffuse Coated—General Lighting. Burning position: any. (249)	7 3/4	5	24000 +	3800	3420
E-17	▲Medium‡	11345	LU50/MED	...	6	Clear—General Lighting. Burning position: any. (262)	5 1/2	3 7/16	24000 +	4000	3600
		11347	LU50/D/MED	...	6	Diffuse Coated—General Lighting. Burning position: any. (262)	5 1/2	3 7/16	24000 +	3800	3420

## 70 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S62" High Pressure Sodium ballasts)

★E-23 1/2	▲Mogul	44033	LU70	S62ME-70	12	Clear—General Lighting. Burning position: any. Nominal lamp voltage: 52 volts (249)	7 3/4	5	24000 +	5800	5220
		44035	LU70/D	S62MF-70	12	Diffuse Coated—General Lighting. Burning position: any. Nominal lamp voltage: 52 volts. (249)	7 3/4	5	24000 +	5400	4860
E-17	▲Medium‡	11339	LU70/MED	...	6	Clear—General Lighting. Burning position: any. Nominal lamp voltage: 52 volts (262)	5 1/2	3 7/16	24000 +	5800	5220
		11340	LU70/D/MED	...	6	Diffuse Coated—General Lighting. Burning position: any. Nominal lamp voltage: 52 volts. (262)	5 1/2	3 7/16	24000 +	5400	4860

## 100 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S54" High Pressure Sodium ballasts)

★E-23 1/2	▲Mogul	44037	LU100	S54SB-100	12	Clear—General Lighting. Burning position: any. Nominal lamp voltage: 55 volts (249)	7 3/4	5	24000 +	9500	8550
		44038	LU100/D	S54MC-100	12	Diffuse Coated—General Lighting. Burning position: any. Nominal lamp voltage: 55 volts (249)	7 3/4	5	24000 +	8800	7920


‡ Medium socket must be rated for 4KV. pulse maximum.




**LUCALOX® HIGH PRESSURE SODIUM LAMPS (Continued)**

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (See High Intensity Discharge Footnotes — Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life (10 Hours Per Start)	Approx. Lumens (Any Burning Position)	
		GE ID No. 043168-								Initial (244)	Mean (240)

**150 WATTS—**
**UNIVERSAL BURNING (For use only with ANSI specification "S55" High Pressure Sodium ballasts)**


	▲Mogul	44043	LU150/55	S55SC-150	12	Clear—General Lighting. Burning position: any. Nominal lamp voltage: 55 volts. Not for use with ANSI "S56" ballasts designed for 150-W 100 volt HPS lamps. (249,254)	7 <sup>3</sup> / <sub>4</sub>	5	24000 +	16000	14400
		44045	LU150/55/D	S55MD-150	12	Diffuse Coated—General Lighting. Burning position: any. Nominal lamp voltage: 55 volts. Not for use with ANSI "S56" ballasts designed for 150-W 100 volt HPS lamps. (254,249)	7 <sup>3</sup> / <sub>4</sub>	5	24000 +	15000	13500

**150 WATTS—**
**UNIVERSAL BURNING (For use only with ANSI specification "S56" High Pressure Sodium ballasts)**


	▲Mogul	44243	LU150/100	S56SD-150	12	Clear—General Lighting. Burning position: any. Nominal lamp voltage: 100 volts. Not for use with ANSI "S55" ballasts designed for 150-W 55 volt HPS lamps. (256,262)	7 <sup>29</sup> / <sub>32</sub>	5	24000 +	15000	13500
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**150 WATTS—"E-Z LUX"® LAMPS (For use with approved Mercury lamp ballasts only) (214)**

150-watt "E-Z Lux" Lucalox lamps can be used as direct replacements for mercury lamps on many H39 175-watt mercury ballasts, saving as much as 40 watts per socket while delivering up to 35% more light, averaged throughout their rated life.

	▲Mogul	49943	LUH150/EZ	S63MG-150	12	"E-Z LUX"®—Clear—General Lighting. Burning position: any. (214,215,249)	9	5	12000	12000	10800
		49938	LUH150/D/EZ	S63MH-150	12	"E-Z LUX"®—Diffuse Coated—General Lighting. Burning position: any. (214,215,249)	9	5	12000	11000	9900

**200 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S66" High Pressure Sodium ballasts)**



	▲Mogul	44206	LU200	S66MN-200	12	Clear—General and Street Lighting. Burning position: any. (249)	9 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>4</sub>	24000 +	22000	19800
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**215 WATTS—"E-Z LUX"® LAMPS (For use with approved Mercury lamp ballasts only) (234)**

215-watt "E-Z Lux" Lucalox lamps can be used as direct replacements for mercury lamps on many H37 250-watt mercury ballasts, saving as much as 65 watts per socket while delivering up to 65% more light, averaged throughout their rated life.

	▲Mogul	49939	LUH215/EZ	S65ML-215	12	"E-Z LUX"®—Clear. General Lighting. Burning position: any. (215,234,249)	9	5	12000	19000	17100
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**250 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S50" High Pressure Sodium ballasts)**

	▲Mogul	44047	LU250	S50VA-250	12	Clear—General Lighting. Burning position: any (249)	9 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>4</sub>	24000 +	27500	24750
		44049	LU250/S	S50VA-250/S	12	Clear—General and Street Lighting. "Superior Performer"—optimized design. Burning position: any (249)	9 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>4</sub>	24000 +	30000	27000
	▲Mogul	44051	LU250/D	S50VC-250	12	Diffuse Coated—General and Street Lighting. Burning position: any (249)	9	5	24000 +	26000	23400




LUCALOX<sup>®</sup> HIGH PRESSURE SODIUM LAMPS (Continued)

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life	Approx. Lumens (Any Burning Position)	
		GE ID No. 043168-							(10 Hours Per Start)	Initial (244)	Mean (240)

## 310 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S67" High Pressure Sodium ballasts)

★E-18	▲Mogul	44053	LU310	S67MR-310	12	Clear—General and Street Lighting. Burning position: any. (249)	9 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>4</sub>	24000 +	37000	33300
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## 400 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S51" High Pressure Sodium ballasts)

★E-18 	▲Mogul	44054	LU400	S51WA-400	12	Clear—General and Street Lighting. Burning position: any. (249)	9 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>4</sub>	24000 +	50000	45000
		44056	LU400/D	S51WB-400	6	Diffuse Coated—General and Lighting. Burning position: any. (249)	11 <sup>5</sup> / <sub>16</sub>	7	24000 +	47500	42750

## 1000 WATTS—UNIVERSAL BURNING (For use with ANSI specification "S52" High Pressure Sodium ballasts)

★E-25	Mogul	44058	LU1000*	S52XB-1000	6	Clear—General and Street Lighting. Burning position: any. (249)	15 <sup>1</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	24000 +	140000	126000
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\* Smaller diameter—earlier design LU1000/T18—ANSI Code: S52XA-1000—available on special request.



**MULTI-VAPOR® METAL HALIDE LAMPS (INCLUDING  
MULTI-VAPOR® II AND "SAF-T-GARD"™ LAMPS)**

**MULTI-VAPOR\*\*** General Electric offers a choice among three lines of Multi-Vapor lamps:

**STANDARD LINE**—general-purpose lamps from 175 to 1000 watts, for universal burning position, and requiring metal halide ballasts.

**HIGH OUTPUT LINE**—lamps of 400 and 1000 watts, providing higher light output than the Standard Line for applications where lamps are operated in a near-vertical position, base-up or base-down. Also, 1500-watt lamps providing maximum light output for sports floodlighting or other uses where shorter average life is acceptable.

**INTERCHANGEABLE LINE ("I-line" and "I-line PLUS")**—lamps of 325W, 400W and 1000W sizes, for direct replacement of mercury lamps on many mercury ballasts, to upgrade the performance and reduce the cost-of-light in existing mercury lighting installations.

GE Multi-Vapor Lamp Bulletin #206-0194 provides detailed information on lamp characteristics and applications. Lamp Specification Bulletins for individual lamp types provide additional technical data.

Multi-Vapor is a type of metal halide lamp. These lamps normally exhibit some color variation from lamp to lamp and gradual change in color throughout life. Operating conditions such as burning position and normal supply voltage variations can also affect lamp color as well as light output.

**MULTI-VAPOR® II\*** is a new family of high-performance metal-halide lamps. They feature longer life, higher lumens-per-watt and lumen maintenance, more consistent color and warmer appearance than other metal-halide lamps of equal wattage. Lamp Specification Bulletins provide additional technical data.

**\*WARNING:** This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured, and the arc tube continues to operate. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically extinguish when the outer envelope is broken are commercially available from General Electric Company. These are the self-extinguishing "SAF-T-GARD"™ lamps.

**SAF-T-GARD™ MULTI-VAPOR®** self-extinguishing lamps include a special construction feature designed to prevent exposure of people to ultraviolet energy. If the outer glass envelope of a SAF-T-GARD lamp is accidentally broken away, an internal switch automatically disconnects the electrical supply to the arc tube, thus turning the lamp off. Except for their internal automatic disconnect switch and different ordering codes, all other specifications and ratings of each SAF-T-GARD Multi-Vapor lamp are the same as those of the corresponding "regular" lamp listed immediately preceding it. SAF-T-GARD lamps are certified to meet Federal Standard 21 CFR 1040.30.

**CAUTION:** If the outer glass envelope of a SAF-T-GARD lamp is broken away, although the arc tube will have self-extinguished, its supporting structure will still be electrically connected. Be sure power is OFF and the lamp has cooled before removing to avoid possible electrical shock from contact with the arc tube support or burn from the hot arc tube.

Multi-Vapor lamps are for use only with auxiliary ballast equipment designed to produce proper electrical values. Specifications for auxiliary equipment are available from the GE High Intensity and Quartz Lamp Department. For total watts, add auxiliary watts. Lamp ratings apply to operation on A.C. circuits.

**MULTI-VAPOR® II METAL HALIDE LAMPS**

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life	Approx. Lumens	
		GE ID No. 043168-							(10 Hours Per Start)	Initial (244)	Mean (205)

**175 WATTS—MULTI-VAPOR II—VERTICAL ± 15° BURNING ONLY**

(For use only with ANSI specification "M57" Metal Halide ballasts)

★E-23 <sup>1/2</sup>	▲Mogul	11417	MXR175/BU†	M57PE-R175/XBU	6	Clear—General Lighting. Burning Position: vertical base up ± 15° only. <b>ENCLOSED FIXTURES ONLY</b>	7 <sup>3/4</sup>	5	15000	17500	13125
		11203	MXR175/C/BU†	M57PF-R175/XBU	6	Diffuse Coated—General Lighting. Burning position: vertical base up ± 15° only. <b>ENCLOSED FIXTURES ONLY</b>	7 <sup>3/4</sup>	5	15000	17500	13125
		11420	MXR175/BD†	M57PE-R175/XBD	6	Clear—General Lighting. Burning position: vertical base down ± 15° only. <b>ENCLOSED FIXTURES ONLY</b>	7 <sup>3/4</sup>	5	15000	17500	13125
		11418	MXR175/C/BD†	M57PF-R175/XBD	6	Diffuse Coated—General Lighting. Burning position: vertical base down ± 15° only. <b>ENCLOSED FIXTURES ONLY</b>	7 <sup>3/4</sup>	5	15000	17500	13125

† Available approximately 4th quarter—1980.



# GENERAL ELECTRIC HIGH INTENSITY DISCHARGE LAMPS


**MULTI-VAPOR<sup>®</sup>**  
**METAL HALIDE LAMPS**

## MULTI-VAPOR<sup>®</sup> METAL HALIDE LAMPS

Bulb	Base (Burning Position)	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life (10 Hours Per Start)	Approx. Lumens	
		GE ID No. 043168-								Initial (244)	Mean (205)


### 175 WATTS—STANDARD LINE—UNIVERSAL BURNING POSITION

(For use only with ANSI specification "M57" Metal Halide ballasts)

	▲Mogul	47760	MVR175/U	M57PE-R175/U	12	Clear—General Lighting. Burning position: any. <b>ENCLOSED FIXTURES ONLY</b>	8 <sup>1</sup> / <sub>4</sub>	5	7500 (260)	(Vertical) 14000 (Horizontal) 12000	10800 (Horizontal) 8300
		47761	MVR175/C/U	M57PF-R175/U	12	Phosphor Coated—General Lighting. Burning position: any. <b>ENCLOSED FIXTURES ONLY</b>	8 <sup>1</sup> / <sub>4</sub>	5	7500 (260)	(Vertical) 14000 (Horizontal) 12000	10200 (Horizontal) 7800

### 250 WATTS—STANDARD LINE—UNIVERSAL BURNING POSITION

(For use only with ANSI specification "M58" Metal Halide ballasts)


	▲Mogul	42729	MVR250/U	M58PG-R250/U	12	Clear—General Lighting. Burning position: any. <b>ENCLOSED FIXTURES ONLY</b>	8 <sup>1</sup> / <sub>4</sub>	5	10000	(Vertical) 20500 (Horizontal) 19500	17000 (Horizontal) 14000
		42731	MVR250/C/U	M58PH-R250/U	12	Phosphor Coated—General Lighting. Burning position: any. <b>ENCLOSED FIXTURES ONLY</b>	8 <sup>1</sup> / <sub>4</sub>	5	10000	(Vertical) 20500 (Horizontal) 19500	16000 (Horizontal) 13500

## "WATT-MISER" MULTI-VAPOR<sup>®</sup> METAL HALIDE LAMPS

WATT-MISER "I-line PLUS" Multi-Vapor lamps can be used as direct replacements for 400-watt mercury lamps on most mercury ballasts, reducing electrical energy costs up to 15% (on electrical power savings of approximately 70 watts including ballast losses), while increasing average maintained light levels by as much as 42%.

### 325 WATTS—"WATT-MISER"—"I-line PLUS" UNIVERSAL BURNING POSITION

(For use only with approved 400-watt CW/CWA single-lamp Mercury ballasts)



	▲Mogul	10687	MVR325/I/U/WM	...	6	Clear—General Lighting—"I-line PLUS." Burning position: any. When operated in positions other than vertical base up or base down ± 15°, use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 28000 (Horizontal) 26000	18200 (Horizontal) 16400 (Horizontal) (263)
		11148	MVT325/I/U/WM	...	6	"SAF-T-GARD"™ Clear—General Lighting—"I-line PLUS." Burning position: any. When operated in positions other than vertical base up or base down ± 15°, use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 28000 (Horizontal) 26000	18200 (Horizontal) 16400 (Horizontal) (263)
		10688	MVR325/C/I/U/WM	...	6	Phosphor Coated—General Lighting—"I-line PLUS." Burning position any. When operated in positions other than vertical base up or base down ± 15°, use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 28000 (Horizontal) 26000	17600 (Horizontal) 15800 (Horizontal) (264)
		11149	MVT325/C/I/U/WM	...	6	"SAF-T-GARD"™ Phosphor Coated—General Lighting—"I-line PLUS." Burning position: any. When operated in positions other than vertical base up or base down ± 15°, use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 28000 (Horizontal) 26000	17600 (Horizontal) 15800 (Horizontal) (264)






**MULTI-VAPOR® METAL HALIDE LAMPS**

Bulb	Base (Burning Position)	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life (10 Hours Per Start)	Approx. Lumens	
		GE ID No. 043168-								Initial (244)	Mean (205)

**400 WATTS—“I-line PLUS”—UNIVERSAL BURNING POSITION**  
 (For use with approved 400-watt CW/CWA single-lamp Mercury ballasts)

		43817	MVR400/I/U	M59PJ-R400/I/U	6	Clear—General Lighting—“I-line PLUS.” Burning position: any. When operated in positions other than vertical base up or base down $\pm 15^\circ$ , use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 34000 (Horizontal) 32000	20400 (252) 18400
		11146	MVT400/I/U	M59PJ-T400/I/U	6	“SAF-T-GARD”™ Clear—General Lighting—“I-line PLUS.” Burning position: any. When operated in positions other than vertical base up or base down $\pm 15^\circ$ , use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 34000 (Horizontal) 32000	20400 (252) 18400
		43818	MVR400/C/I/U	M59PK-R400/I/U	6	Phosphor Coated—General Lighting—“I-line PLUS.” Burning position: any. When operated in positions other than vertical base up or base down $\pm 15^\circ$ , use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 34000 (Horizontal) 32000	19600 (251) 17600
		11119	MVT400/C/I/U	M59PK-T400/I/U	6	“SAF-T-GARD”™ Phosphor Coated—General Lighting—“I-line PLUS.” Burning position: any. When operated in positions other than vertical base up or base down $\pm 15^\circ$ , use enclosed fixtures only. Can be used on approved mercury ballasts at ambient temperatures above 0°F.	11 <sup>5</sup> / <sub>16</sub>	7	15000 (239)	(Vertical) 34000 (Horizontal) 32000	19600 (251) 17600

**400 WATTS—“I-line” (OLD DESIGN)—VERTICAL  $\pm 15^\circ$  BURNING ONLY**  
 (Recommended only for use with approved 400-watt Mercury lamp ballasts of these types: single-lamp non-stabilized lag or reactor; two-lamp lead/lag)

		39095	MVR400/BU/I	M59PJ-R400/BU/I	6	Clear—General Lighting—“I-line.” Burning position: vertical base up $\pm 15^\circ$ only. Can be used on approved mercury ballasts at ambient temperatures above 50°F. (210)	11 <sup>5</sup> / <sub>16</sub>	7	15000	(Vertical) 34000 (Horizontal) 26500 (233)
		39096	MVR400/BD/I	M59PJ-R400/BD/I	6	Clear—General Lighting—“I-line.” Burning position: vertical base down $\pm 15^\circ$ only. Can be used on approved mercury ballasts at ambient temperatures above 50°F. (210)	11 <sup>5</sup> / <sub>16</sub>	7	15000	(Vertical) 34000 (Horizontal) 26500 (233)




## MULTI-VAPOR® METAL HALIDE LAMPS (Continued)

Bulb	Base (Burning Position)	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life (10 Hours Per Start)	Approx. Lumens	
		GE ID No. 043168-								Initial (244)	Mean (205)


## 400 WATTS—STANDARD LINE—UNIVERSAL BURNING POSITION

(For use only with ANSI specification "M59" Metal Halide ballasts)

	▲Mogul	43828	MVR400/U	M59PJ-R400/U	6	Clear—General Lighting— Burning position: any. When operated in positions other than vertical base up or base down $\pm 15^\circ$ , use enclosed fixtures only.	11 <sup>5</sup> / <sub>16</sub>	7	20000 (259)	(Vertical) 34000   25600 (Horizontal)	
		43829	MVR400/C/U	M59PK-R400/U	6	Phosphor Coated—General Lighting—Burning position: any. When operated in positions other than vertical base up or base down $\pm 15^\circ$ , use enclosed fixtures only.	11 <sup>5</sup> / <sub>16</sub>	7	20000 (259)	(Vertical) 34000   24600 (Horizontal)	


400 WATTS—HIGH OUTPUT LINE—VERTICAL  $\pm 15^\circ$  BURNING ONLY

(For use only with ANSI specification "M59" Metal Halide ballasts)

	▲Mogul	49657	MVR400/VBU	M59PJ-R400/VBU	6	Clear—General Lighting. Burning position: vertical base up $\pm 15^\circ$ only.	11 <sup>5</sup> / <sub>16</sub>	7	20000	(Vertical) 40000   30000	
		11144	MVT400/VBU	M59PJ-T400/VBU	6	"SAF-T-GARD"™ Clear— General Lighting. Burning position: vertical base up $\pm 15^\circ$ only.	11 <sup>5</sup> / <sub>16</sub>	7	20000	(Vertical) 40000   30000	
		49656	MVR400/C/VBU	M59PK-R400/VBU	6	Phosphor Coated—General Lighting. Burning position: vertical base up $\pm 15^\circ$ only.	11 <sup>5</sup> / <sub>16</sub>	7	20000	(Vertical) 40000   28800	
		11145	MVT400/C/VBU	M59PK-T400/VBU	6	"SAF-T-GARD"™ Phosphor Coated—General Lighting. Burning position: vertical base up $\pm 15^\circ$ only.	11 <sup>5</sup> / <sub>16</sub>	7	20000	(Vertical) 40000   28800	
	▲Mogul	49655	MVR400/VBD	M59PJ-R400/VBD	6	Clear—General Lighting. Burning position: vertical base down $\pm 15^\circ$ only.	11 <sup>5</sup> / <sub>16</sub>	7	20000	(Vertical) 40000   30000	
		49658	MVR400/C/VBD	M59PK-R400/VBD	6	Phosphor Coated—General Lighting. Burning position: vertical base down $\pm 15^\circ$ only.	11 <sup>5</sup> / <sub>16</sub>	7	20000	(Vertical) 40000   28800	

1000 WATTS—"I-line PLUS"—VERTICAL  $\pm 15^\circ$  BURNING ONLY

(For use with approved 1000-watt Mercury lamp ballasts or ANSI specification "M47" Metal Halide ballasts)


	▲Mogul	39097	MVR1000/BU/I	M47PA-R1000/BU/I	6	Clear—General and Street Lighting—"I-line PLUS." Burning position: vertical base up $\pm 15^\circ$ only. Can be used on approved mercury ballasts at ambient temperatures above $-20^\circ\text{F}$ .	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	12000	(Vertical) 115000 (236)	92000
	▲Mogul	42789	MVR1000/BD/I	M47PA-R1000/BD/I	6	Clear—General and Street Lighting—"I-line PLUS." Burning position: vertical base down $\pm 15^\circ$ only. Can be used on approved mercury ballasts at ambient temperatures above $-20^\circ\text{F}$ .	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	12000	(Vertical) 115000 (236)	92000





**MULTI-VAPOR® METAL HALIDE LAMPS (Continued)**

Bulb	Base (Burning Position)	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life	Approx. Lumens	
		GE ID No. 043168-							(10 Hours Per Start)	Initial (244)	Mean (205)




**1000 WATTS—STANDARD LINE—UNIVERSAL BURNING POSITION**
**(For use with ANSI specification "M47" Metal Halide ballasts†)**

★BT-56 	▲Mogul	41826	MVR1000/U	M47PA-R1000/U	6	†Clear—General Lighting. Burning position: any. When operated in positions other than vertical base up or base down ± 15°, use enclosed fixtures only.	15 1/16	9 3/8	12000	(Vertical) 110000	88000 (Horizontal) 107800
		41827	MVR1000/C/U	M47PB-R1000/U	6	†Phosphor Coated—General Lighting. Burning position: any. When operated in positions other than vertical base up or base down ± 15°, use enclosed fixtures only.	15 1/16	9 3/8	12000	(Vertical) 105000	79800 (Horizontal) 100000

**1000 WATTS—HIGH OUTPUT LINE—VERTICAL ± 15° BURNING ONLY**
**(For use with ANSI specification "M47" Metal Halide ballasts†)**

★BT-56 	▲Mogul	44835	MVR1000/VBU	M47PA-R1000/VBU	6	†Clear—General Lighting. Burning position: vertical base up ± 15° only.	15 1/16	9 3/8	12000	(Vertical) 115000	92000
		11150	MVT1000/VBU	M47PA-T1000/VBU	6	†"SAF-T-GARD"™ †Clear—General Lighting. Burning position: vertical base up ± 15° only.	15 1/16	9 3/8	12000	(Vertical) 115000	92000
	▲Mogul 	10390	MVR1000/VBD	M47PA-R1000/VBD	6	†Clear—General Lighting. Burning position: vertical base down ± 15° only.	15 1/16	9 3/8	12000	(Vertical) 115000	92000

**1500 WATTS—HIGH OUTPUT LINE—(For use with ANSI specification "M48" Metal Halide Ballasts‡)**

★BT-56 	▲Mogul 	37405	MVR1500/HBU/E	M48PC-R1500/HBU	6	‡Clear—Special. Burn base up to base 15° below horizontal. <b>USE IN ENCLOSED FIXTURES ONLY</b> (231,250)	15 1/16	9 3/8	3000 (232)	(Vertical) (206) 155000	140000 (Horizontal) (206) 150000
	▲Mogul 	37406	MVR1500/HBD/E	M48PC-R1500/HBD	6	‡Clear—Special. Burn base down to base 15° above horizontal. <b>USE IN ENCLOSED FIXTURES ONLY</b> (231,250)	15 1/16	9 3/8	3000 (232)	(Vertical) (206) 155000	140000 (Horizontal) (206) 150000

† Can also be used on mercury lag or reactor type ballasts with 440-volt minimum open-circuit voltage. This will provide reliable starting above 0°F. Lamps will typically operate at 950 watts and slightly lower lumen output.

‡ Can also be used on mercury lag ballasts with 440-volt minimum open-circuit voltage. This will provide reliable lamp starting above -20°F.



## GENERAL ELECTRIC HIGH INTENSITY DISCHARGE LAMPS

STANDARD AND "SAF-T-GARD"<sup>TM</sup> MERCURY LAMPS

The mercury lamps in this section are primarily for general lighting applications. Lamp Specification Bulletins for individual lamp types provide additional technical data.

**BURNING POSITION**—ANY, except as noted. Published approximate initial and mean lumen ratings apply to lamps operated vertically. For horizontal operation, initial lumens and lumen maintenance will be reduced.

For use only with auxiliary ballast equipment designed to produce proper electrical values. Specifications for auxiliary equipment are available from the GE High Intensity and Quartz Lamp Department. For total watts, add auxiliary watts. Lamp ratings apply to operation in A.C. circuits unless otherwise noted.


**WARNING:** This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured, and the arc tube continues to operate. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically extinguish when the outer envelope is broken are commercially available from General Electric Company. These are the self-extinguishing "SAF-T-GARD"<sup>TM</sup> lamps.

"SAF-T-GARD" self-extinguishing mercury lamps include a special construction feature designed to prevent exposure of people to ultraviolet energy. If the outer glass envelope of a SAF-T-GARD lamp is accidentally broken away, an internal switch automatically disconnects the electrical supply to the arc tube, thus turning the lamp off. Except for their internal automatic disconnect switch and different ordering codes, all other specifications and ratings of each SAF-T-GARD mercury lamp are the same as those of the corresponding "regular" lamp listed immediately preceding it. SAF-T-GARD lamps are certified to meet Federal Standard 21 CFR 1040.30.

**CAUTION:** If the outer glass envelope of a SAF-T-GARD lamp is broken away, although the arc tube will have self-extinguished, its supporting structure will still be electrically connected. Be sure power is OFF and the lamp has cooled before removing to avoid possible electrical shock from contact with the arc tube support or burn from the hot arc tube.

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life	Approx. Lumens (Vertical Operation)	
		GE ID No. 043168-							(10 Hours Per Start)	Initial (243)	Mean ♦ (240)

## 40 or 50 WATTS

	▲Medium	32799	HR40/50DX45-46	H45AY-R40/50/DX	24	DeLuxe White. Dual-wattage: 40 watts when operated on H45-type ballast—50 watts when operated on H46-type ballast.	5 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	16000	(40-watt Operation)	
										1140	910
										(50-watt Operation)	
										1575	1250


## 75 WATTS

★E-17	▲Medium	32126	HR75DX43	H43AV-R75/DX	24	DeLuxe White	5 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	16000	2800	2250
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## 75 or 100 WATTS

★PAR 38	Medium Side Prong	41243	HR75/100PFL 43-44/4	H43/44-R75/ 100PFL	12	PAR-Mine Lighting. Dual-wattage: 75 watts when operated on H43-type ballast—100 watts when operated on H44-type ballast.	4 <sup>11</sup> / <sub>32</sub>	...	12000	(75-watt Operation)	
										1600	1100
										(100-watt Operation)	
										2450	1700

## 100 WATTS

	▲Mogul	32314	HR100DX38-4	H38JA-R100/DX	24	DeLuxe White	7 <sup>1</sup> / <sub>2</sub>	5	24000+	4200	3500
		11151	HT100DX38-4	H38JA-T100/DX	24	"SAF-T-GARD" DeLuxe White	7 <sup>1</sup> / <sub>2</sub>	5	24000+	4200	3500
		41263	HR100WDX38-4	H38JA-R100/WDX	24	Warm DeLuxe White	7 <sup>1</sup> / <sub>2</sub>	5	24000+	3400	2800
		24030	HR100A38-4	H38HT-R100	24	Clear	7 <sup>1</sup> / <sub>2</sub>	5	24000+	3850	3100
★A-23	▲Medium	32063	HR100DX38-4/A23	H38MP-R100/DX	24	DeLuxe White	5 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	18000	4000	3050
		24037	HR100A38-4/A23	H38LL-R100	24	Clear	5 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	18000	3700	3000
★PAR-38	Admedium Skirted	24038	HR100PFL44-4	H44JM-R100	12	Black Light—Floodlight (208)	5 <sup>7</sup> / <sub>16</sub>	...	12000	2450	1700
		24040	HR100PSP44-4	H44GS-R100	12	Black Light—Spotlight (208)	5 <sup>7</sup> / <sub>16</sub>	...	12000	2450	1700
★R-40	▲Medium	36238	HR100RFL38-4	H38BM-R100	12	Reflector Floodlight—I.F.	7	...	24000+	2850	2200
		36495	HR100RDXFL38-4	H38BP-R100/DX	12	Reflector-Wide Floodlight. DeLuxe White	7	...	24000+	2850	2250

♦ For mercury lamps with rated life of 24,000+ hours, mean lumens shown are based on 16,000 hours of operation, and are measured at 8000 hours.



**STANDARD AND "SAF-T-GARD"™ MERCURY LAMPS (Continued)**

**BURNING POSITION**—ANY, except as noted. Published approximate initial and mean lumen ratings apply to lamps operated vertically. For horizontal operation, initial lumens and lumen maintenance will be reduced.

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life (10 Hours Per Start)	Approx. Lumens (Vertical Operation)	
		GE ID No. 043168-								Initial (243)	Mean ♦ (240)

**175 WATTS**

	▲Mogul	24062	HR175DX39-22	H39KC-R175/DX	12	DeLuxe White	8 1/4	5	24000 +	8600	7650
		44011	HR175DX39-22 4PK	H39KC-R175/DX	12	DeLuxe White. "Dusk to Dawn" packaging. 4-Pack	8 1/4	5	24000 +	8600	7650
		43391	HT175DX39-22	H39KC-T175/DX	12	"SAF-T-GARD"—DeLuxe White	8 1/4	5	24000 +	8600	7650
		37872	HR175WDX39-22	H39KC-R175/WDX	12	Warm DeLuxe White	8 1/4	5	24000 +	7000	6000
		24048	HR175A39-22	H39KB-R175	12	Clear—General Lighting & Black Light (208)	8 1/4	5	24000 +	7950	7450
★R-40	▲Medium	24058	HR175RFL39-22	H39BM-R175	12	Reflector Floodlight—I.F.	7	...	24000 +	5700	5000
	▲Mogul	36445	HR175RFL39-22/M	H39BS-R175	12	Reflector Floodlight—I.F.	7 1/2	...	24000 +	5700	5000
	▲Medium	33026	HR175RDXFL39-22	H39BP-R175/DX	12	Reflector-Wide Floodlight. DeLuxe White	7	...	24000 +	5700	4550

**250 WATTS**

★E-28	▲Mogul	32127	HR250DX37-5	H37KC-R250/DX	12	DeLuxe White	8 1/4	5	24000 +	12100	10400
		43392	HT250DX37-5	H37KC-T250/DX	12	"SAF-T-GARD"—DeLuxe White	8 1/4	5	24000 +	12100	10400
		37871	HR250WDX37-5	H37KC-R250/WDX	12	Warm DeLuxe White	8 1/4	5	24000 +	10000	8000
		24068	HR250A37-5	H37KB-R250	12	Clear—General Lighting and Black Light (208)	8 1/4	5	24000 +	11200	10300

**400 WATTS**

	▲Mogul	23998	HR400DX33-1	H33GL-R400/DX	6	DeLuxe White	11 5/16	7	24000 +	22500	16200 (267)
		FOR HIGHER LIGHT OUTPUT and LESS WATTAGE ... Consider 325-watt WATT-MISER® "I-line PLUS" Multi-Vapor® lamps.									
		43363	HT400DX33-1	H33GL-T400/DX	6	"SAF-T-GARD"—DeLuxe White	11 5/16	7	24000 +	22500	16200 (267)
		37870	HR400WDX33-1	H33GL-R400/WDX	6	Warm DeLuxe White	11 5/16	7	24000 +	19500	13450 (267)
		23974	HR400A33-1	H33CD-R400	6	Clear—General Lighting and Black Light (208)	11 5/16	7	24000 +	21000	16400 (267)
		32313	HR400DX33-1/BT	H33GL-R400/DX/BT	6	DeLuxe White	11 5/16	7	24000 +	22100	15900 (267)
		33879	HR400RDX33-1	H33DN-R400/DX	6	High-Bay—DeLuxe White	11 3/4	7 3/4	24000 +	22000	16300 (267)
		24112	HR400R33-1	H33FY-R400	6	Reflector High-Bay—Inside Frosted	11 3/4	...	24000 +	18300	14250 (267)
		33938	HR400RDXFL33-1	H33FS-R400/DX	6	Reflector-Wide Floodlight. DeLuxe White. Clear Face	10 1/8	...	24000 +	15500	9750 (267)
		23996	HR400RSP33-1	H33FP-R400	6	Reflector Spotlight—Clear Face	10 1/8	...	24000 +	15300	10250 (267)

♦ For mercury lamps with rated life of 24,000+ hours, mean lumens shown are based on 16,000 hours of operation, and are measured at 8000 hours.



**GENERAL ELECTRIC HIGH INTENSITY DISCHARGE LAMPS**
**STANDARD AND "SAF-T-GARD"™ MERCURY LAMPS (Continued)**



**BURNING POSITION**—ANY, except as noted. Published approximate initial and mean lumen ratings apply to lamps operated vertically. For horizontal operation, initial lumens and lumen maintenance will be reduced.

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life	Approx. Lumens (Vertical Operation)	
		GE ID No. 043168-							(10 Hours Per Start)	Initial (243)	Mean ♦ (240)

**700 WATTS**

★BT-46	▲Mogul	32243	HR700DX35-18	H35ND-R700 / DX	6	DeLuxe White	14 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	24000 +	42000	33600
		24135	HR700A35-18	H35NA-R700	6	Clear—General Lighting and Black Light (208)	14 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	24000 +	39000	34700

**1000 WATTS**

★BT-56 	▲Mogul	24191	HR1000DX36-15	H36GW-R1000 / DX	6	DeLuxe White	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	24000 +	63000	47500
		FOR HIGHER LIGHT OUTPUT and LESS WATTAGE ... Consider MVR1000/I/U or MVR1000/C/I/U "I-line PLUS" Multi-Vapor™ lamps									
		11152	HT1000DX36-15	H36GW-T1000 / DX	6	"SAF-T-GARD"— DeLuxe White	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	24000 +	63000	47500
		39302	HR1000WDX36-15	H36GW-R1000 / WDX	6	Warm DeLuxe White	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	24000 +	58000	39450
		24171	HR1000A36-15	H36GV-R1000	6	Clear—General and Street Lighting	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	24000 +	57000	48400
★R-80 		33373	HR1000RDX36-15	H36KY-R1000 / DX	6	Semi-Reflector High-Bay— DeLuxe White	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	24000 +	58500	39800
		24189	HR1000RFL36-15	...	1	Reflector—Floodlight— Light Inside Frosted Face	13 <sup>7</sup> / <sub>8</sub>	...	24000 +	42000	26600
		32417	HR1000RDXFL36-15	...	1	Reflector-Wide Floodlight— DeLuxe White, Clear Face	13 <sup>7</sup> / <sub>8</sub>	...	24000 +	48000	28200
★BT-56		33314	HR1000RSDX36-15	...	1	Reflector—Medium Flood- light—Semi-Phosphored DeLuxe White coating. Light Inside Frosted Face.	13 <sup>7</sup> / <sub>8</sub>	...	24000 +	43000	25200
		32733	HR1000DX34-12	H34GW-R1000 / DX	6	DeLuxe White (242)	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	16000 +	62000	47700
		24157	HR1000A34-12	H34GV-R1000	6	Clear—General Lighting (242)	15 <sup>1</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	16000 +	56000	48700

♦ For mercury lamps with rated life of 24,000+ hours, mean lumens shown are based on 16,000 hours of operation, and are measured at 8000 hours.



## GENERAL ELECTRIC HIGH INTENSITY DISCHARGE LAMPS SPECIAL APPLICATION MERCURY LAMPS

These "Special Application" type mercury lamps are designed for and used in specialized systems outside of illumination applications. Some provide ultraviolet energy in specialized areas of the electromagnetic spectrum. Others are physically designed to fit into specialized instruments for laboratory uses.

Burning Position—ANY, except as noted. Published approximate initial and mean lumen ratings apply to lamps operated vertically. For horizontal operation, initial lumens and lumen maintenance will be lower.

For use only with auxiliary equipment designed to produce proper electrical values. Specifications for auxiliary equipment are available from the High Intensity and Quartz Lamp Department. For total watts add auxiliary watts. Unless otherwise noted, ratings apply to operation in A.C. circuits.

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	ANSI Code (Reference Only)	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life	Approx. Lumens (Vertical Operation)	
		GE ID No. 043168-							(10 Hours Per Start)	Initial (243)	Mean (240)

### 85 WATTS

★T-10	▲Medium	24005	H85A3	H3FG-85	12	Clear—Special Application— and Black Light (208)	5 <sup>5</sup> / <sub>8</sub>	3	500	3050	...
		24011	H85A3/UV	H3FE-85	12	Clear—Special Application— Mercury Lab Arc. U.V. Transmitting	5 <sup>5</sup> / <sub>8</sub>	3	500	3050	...

### 100 WATTS

★T-10	▲Medium	24016	H100A4/T	H4AB-100	12	Clear—Special Application and Black Light (208,213)	5 <sup>5</sup> / <sub>8</sub>	37 <sup>1</sup> / <sub>16</sub>	6000	3700	2480
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### 400 WATTS

★T-16	▲Mogul	23973	H400A33-1/T16	H33AR-400	12	Clear—Special Application— and Black Light (208)	11	7	12000	20000	18200
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## "E-Z MERC"™ SELF-BALLASTED MERCURY LAMPS

No auxiliary electrical equipment necessary.

"E-Z Merc" self-ballasted lamps do not require mercury ballasts... they easily convert hard-to-get-at incandescent lamp sockets to the long-life, higher-lumen benefits of mercury lamps.

Lamps can be operated on A.C. or D.C. circuits, in ANY burning position.

Bulb	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Nominal Operating Volts	Std. Pkg. Qty.	DESCRIPTION (249) (See High Intensity Discharge Footnotes—Page 77)	M. O. L. (In.)	L. C. L. (In.)	Average Rated Life	Approx. Lumens (Vertical Operation)	
		GE ID No. 043168-							(10 Hours Per Start)	Initial (202)	Mean

### 160 WATTS

★PS-30	■Medium	45178	HSB160/PS30/M	120	12	DeLuxe White—Self-Ballasted (200,201,204)	8 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>	12000	2300	1600 (245)
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### 250 WATTS

★E-28 or ★BT-28	■Mogul	45176	HSB250	120	12	DeLuxe White—Self-Ballasted (200,201,204)	8 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>16</sub>	12000	5000	3750 (245)
	■Medium	45174	HSB250/M	120	12	DeLuxe White—Self-Ballasted (200,201,204)	8 <sup>1</sup> / <sub>2</sub>	5 <sup>5</sup> / <sub>16</sub>	12000	5000	3750 (245)

### 450 WATTS

★BT-37	■Mogul	40122	HSB450	120	6	DeLuxe White—Self-Ballasted (204,207)	11 <sup>13</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>8</sub>	16000	9500	7100
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### 750 WATTS

★R-57	■Mogul	44012	HSB750R/120	120	6	Reflector-Floodlight—DeLuxe White-Self-Ballasted (204,207)	12 <sup>13</sup> / <sub>32</sub>	8 <sup>3</sup> / <sub>8</sub>	16000	14000	10500
		44013	HSB750R/240	240	6	Reflector-Floodlight—DeLuxe White-Self-Ballasted (204,207)	12 <sup>13</sup> / <sub>32</sub>	8 <sup>3</sup> / <sub>8</sub>	16000	14500	12300



## GENERAL ELECTRIC HIGH INTENSITY DISCHARGE LAMPS

### High Intensity Discharge Lamp Footnotes

200. Do not use this lamp in fixtures designed for less than rated lamp wattage.
201. Recommended ambient temperature limits: 0°F. minimum; 122°F. maximum.
202. Initial lumen ratings are based upon zero-hour photometry readings.
204. Made in Japan expressly for General Electric Company.
205. Values shown are based on operation at approximately 40% of rated life under specified test conditions with 10 or more burning hours per start on typical ballasts in use today.
206. Mean lumen values shown are based on operation under specified test conditions with 5 or more burning hours per start.
207. Recommended ambient temperature limits: 5°F. min.; 122°F. max.
208. Use separate filter for black light.
210. These lamps are not of "I-line PLUS" construction, and may therefore exhibit considerable color variation from lamp to lamp, and color shift during life. Recommended only for industrial or other applications where such color variations are tolerable.
213. When lamps are operated on D.C., a polarity-reversing switch should be installed to avoid the possibility of electrolysis in the lamps.
214. Use only with mercury ballasts as follows: H39 175-watt lag-type autotransformer ballasts, or 240-volt or 277-volt reactor ballasts. Do not use this lamp on lead-type CWA or CW (fully stabilized) ballasts.
215. On suitable mercury ballasts, lamp wattage will slowly drop as the lamp ages.
231. Estimated lumen maintenance is 90% at 40% of rated life.
232. 3000 hours at 5 or more burning hours per start.
233. Approximate mean lumen values for constant-wattage and constant-wattage auto-transformer ballast types are 20,400 lumens for operation at 10 hours per start and 26,500 lumens for continuous operation.
234. Use only with mercury ballasts as follows: H37 250-watt lag-type auto-transformer ballasts or 240 or 277-volt reactor-type ballasts that meet current H37 ANSI ballast specifications. Do not use this lamp on lead-type CWA or CW (fully stabilized) ballasts.
236. When operated on metal halide ballasts, initial lumens are 115,000. On lag-type mercury ballasts, initial lumens are 107,000; on CW/CWA lead-type mercury ballasts, initial lumens are 103,000.
239. Rated average life—vertical  $\pm$  30°: 15,000 hours. All other burning positions: 10,000 hours.
240. Mean lumens are based on operation at approximately 50% of rated life, under specified test conditions with 10 or more burning hours per start.
242. Use only 1000-watt H12 or H34-type ballasts. Do not use on 1000-watt H15 or H36-type ballasts.
243. Initial lumen ratings are based upon 100-hour photometry readings burned on a reference ballast.
244. Initial lumen ratings are based upon 100-hour photometry readings at rated lamp watts.
245. Mean lumens are based on operation over 12,000 hours.
249. Although the outer bulb is made of heat-resistant glass, external protection of the lamp is required to eliminate the chance of bulb breakage due to direct contact with water during lamp operation.
250. Approximate lumen ratings at 45° burning position: Initial lumens: 145,000; Mean lumens: 130,500. Values shown are based upon operation under specified test conditions with 10 or more hours per start.
251. When operated vertically on metal halide-type ballasts at 10 hours per start, approximate mean lumen values are 24,600 lumens. These values also apply when lamp is operated continuously on approved CW/CWA mercury ballasts. When operated horizontally, as shown, initial and mean lumens decrease by approximately 2000 lumens.
252. When operated vertically on metal halide-type ballasts at 10 hours per start, approximate mean lumen values are 25,600 lumens. These values also apply when lamp is operated continuously on approved CW/CWA mercury ballasts. When operated horizontally, as shown, initial and mean lumens decrease by approximately 2000 lumens.
254. When operated on ANSI specifications "S56" High Pressure Sodium ballasts, lumen ratings will decrease by about 50%.
256. When operated on ANSI "S55" High Pressure Sodium ballasts, lumen ratings will decrease by about 50%.
259. Rated average life—vertical  $\pm$  30°: 20,000 hours. All other burning positions: 15,000 hours.
260. Rated average life—vertical  $\pm$  30°: 7500 hours. All other burning positions: 6000 hours.
262. This bulb is made of glass. External protection of lamp is required to eliminate the chance of breakage due to direct contact with water or exposure to liquid mist or condensation during operation.
263. Mean lumens shown are for operation on approved CW/CWA mercury ballasts at 10 hours per start. For continuous operation, mean lumens are 22,800 for vertical burning and 21,000 for horizontal.
264. Mean lumens shown are for operation on approved CW/CWA mercury ballasts at 10 hours per start. For continuous operation, mean lumens are 22,000 for vertical burning and 20,200 for horizontal.
267. Mean lumens shown are for 16,000-hour operation on typical CW/CWA mercury ballasts with 2.0 current crest factor. For operation on typical non-stabilized reactor or "lag" ballasts with 1.4-1.5 current crest factor, multiply mean lumens by 1.18.



**THE "WATT-MISER"® LINE**

TO SAVE ENERGY, locate the standard regular wattage fluorescent lamp you now are using in the left columns of the chart below. In the right columns, you will find the WATT-MISER or WATT-MISER "II" reduced wattage lamp alternate and its nominal watts. For full technical information—average rated life, approximate initial lumens, and approximate lumens at 40% of rated life—consult the appropriate individual lamp listing in the Fluorescent Lamp Section of the Catalog.

Operating Characteristics	STANDARD LAMP		Color	AVAILABLE IN:		
	(You are now using)	Nominal Watts		Nominal Watts	WATT-MISER	WATT-MISER "II"
Rapid Start—36"	F30T12/CW/RS	30	Cool White	25	F30T12/CW/RS/WM	
	F30T12/WW/RS	30	Warm White	25	F30T12/WW/RS/WM	
Preheat—60"	F90T17/CW	90	Cool White	82	F90T17/CW/WM	
Rapid Start—48"	F40CW	40	Cool White	34	†F40CW/RS/WM	†F40LW/RS/WMII
	F40CWX	40	DeLuxe Cool White	34	†F40CWX/RS/WM	
	F40WWX	40	DeLuxe Warm White	34	†F40WWX/RS/WM	
	F40RW3	40	Regal White	34	†F40RW3/RS/WM	
	F40D	40	Daylight	34	†F40D/RS/WM	
	F40W	40	White	34	†F40W/RS/WM	
	F40WW	40	Warm White	34	†F40WW/RS/WM	
Slimline—48" 425 Ma.	F48T12/CW	40	Cool White	30	F48T12/CW/WM	F48T12/LW/WMII
	F48T12/WW	40	Warm White	30	F48T12/WW/WM	
Slimline—96" 200 Ma.	F96T8/CW	50	Cool White	40	F96T8/CW/WM	
Slimline—96" 425 Ma.	F96T12/CW	75	Cool White	60	F96T12/CW/WM	F96T12/LW/WMII
	F96T12/CWX	75	DeLuxe Cool White	60	F96T12/CWX/WM	
	F96T12/WWX	75	DeLuxe Warm White	60	F96T12/WWX/WM	
	F96T12/RW3	75	Regal White	60	F96T12/RW3/WM	
	F96T12/D	75	Daylight	60	F96T12/D/WM	
	F96T12/W	75	White	60	F96T12/W/WM	
	F96T12/WW	75	Warm White	60	F96T12/WW/WM	
	F96T12/C50	75	Chroma 50	60	F96T12/C50/WM	
High Output—48" 800 Ma.	F48T12/CW/HO	60	Cool White	53		F48T12/LW/HO/WMII
High Output—96" 800 Ma.	F96T12/CW/HO	110	Cool White	95	F96T12/CW/HO/WM	F96T12/LW/HO/WMII
	F96T12/CWX/HO	110	DeLuxe Cool White	95	F96T12/CWX/HO/WM	
	F96T12/WW/HO	110	Warm White	95	F96T12/WW/HO/WM	
Power Groove—48" 1500 Ma.	F48PG17/CW	110	Cool White	95	F48PG17/CW/WM	
Power Groove—96" 1500 Ma.	F96PG17/CW	215	Cool White	185	F96PG17/CW/WM	F96PG17/LW/WMII
1500 Ma.—96"	F96T12/CW/1500	215	Cool White	185	F96T12/CW/1500/WM	F96T12/LW/1500/WMII

† For maximum efficiency, providing 20-24% more light output per watt than conventional "F-40" lighting installations, use with GE MAXI-MISER™ II ballasts in GE MAXI-MISER™ lighting systems.



# GENERAL ELECTRIC FLUORESCENT LAMPS

Burning Position—ANY, except as noted.

## FLUORESCENT LAMPS —PREHEAT

### GENERAL INFORMATION

All GE Fluorescent lamps should be used only with auxiliary equipment designed to produce proper electrical values. Specifications for auxiliary equipment are available from the Fluorescent Systems Department. Unless otherwise noted, ratings apply to operation in A.C. circuits.

Design improvements are frequently made in fluorescent lamps which tend to obsolete published ratings after a period of time. At the time this catalog was printed, a number of fluorescent lamp products were in process of design changes or were recently changed to reduce wattage consumption and conserve energy. The assessment of the probable effect on lumen ratings can be made only after considerable experience in manufacture and extensive testing. In addition, the National Bureau of Standards will soon announce a change in the U.S. lumen standard to permit a common standard worldwide. The full impact of these changes on lumen ratings will not be known for several months. Technical bulletins will be issued from time to time as firm ratings are established.

**NOMINAL LAMP LENGTH**—With the exception of Circline lamp types, nominal lamp length as indicated in this section includes the proper allowance for typical lampholders in which the lamp is used. The dimensions of the allowance for lampholders appears in the "Bulb Size" heading preceding each base group throughout the Fluorescent Lamp section.

**APPROXIMATE INITIAL LUMENS** published herein are reference ballast ratings established after 100 hours operation.

**APPROXIMATE HOURS LIFE** is the median life when lamps are operated on ballasts which meet ANSI (American National Standards Institute) standards C-78 and C-82.1, or which meet General Electric specifications where ANSI standards do not exist.

**AVERAGE RATED LIFE HOURS AND APPROXIMATE LUMENS** at 40% of average rated life shown in this section are based upon 3 hours per start, unless otherwise indicated by footnote.

**TRIGGER START BALLASTS** provide starterless operation of standard preheat lamps with lamp starting comparable to that on rapid start circuits.


**WATT-MISER® LAMP APPLICATION RECOMMENDATIONS** are shown on Fluorescent Footnotes, page 98.

### PREHEAT FLUORESCENT LAMPS (For Use With Starters)

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 or more Burning Hours Per Start)		


#### T-5 Approx. 5/8" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/8" from the nominal length shown below.

4	T-5	6	<div>Miniature Bipin</div> <div></div> <div>T-5</div>	10004	F4T5/CW	24	Cool White	6000	135	93
				10011	F4T5/D	24	Daylight	6000	115	79
				10017	F4T5/BL	24	Black Light	6000	...	...
				10019	F4T5/BLB	24	Black Light Blue. Integral Filter	6000	...	...
6		9		10032	F6T5/CW	24	Cool White	7500	295	230
				10034	F6T5/CWX	24	DeLuxe Cool White	7500	205	155
				10028	F6T5/D	24	Daylight	7500	220	165
				10047	F6T5/BLB	24	Black Light Blue. Integral Filter	7500	...	...
8		12		10059	F8T5/CW	24	Cool White	7500	400	300
				10075	F8T5/CWX	24	DeLuxe Cool White	7500	275	205
				10055	F8T5/D	24	Daylight	7500	330	265
				10064	F8T5/WW	24	Warm White	7500	385	310
13		21		10077	F8T5/BLB	24	Black Light Blue. Integral Filter	7500	...	...
				10086	F13T5/CW	24	Cool White	7500	820	655


#### T-8 Approx. 1" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

13	T-8	12	Medium Bipin 	10098	F13T8/CW	24	Cool White	7500	500	400
14		15		10104	F14T8/CW	24	Cool White	7500	650	550
		T-8		10102	F14T8/D	24	Daylight	7500	520	415

#### T-12 Approx. 1 1/2" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

14	T-12	15	Medium Bipin 	10116	F14T12/CW	24	Cool White	9000	675	560
				10117	F14T12/CW 6PK	24	Cool White. 6-Pack	9000	675	560
				44692	F14T12/SW	24	Soft White. Replaces WWX	9000	460	380
				44693	F14T12/SW 6PK	24	Soft White. 6-Pack. Replaces WWX	9000	460	380
				33222	F14T12/CWX 6PK	24	DeLuxe Cool White. 6-Pack	9000	470	390
				10113	F14T12/D	24	Daylight	9000	585	485




**PREHEAT FLUORESCENT LAMPS (For Use With Starters) (Continued)**

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 or more Burning Hours Per Start)		


**T-8 Approx. 1" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

15	T-8	18	Medium Bipin  T-8	10142	F15T8/CW		24	Cool White	7500	870	765
				10143	F15T8/CW	6PK	24	Cool White. 6-Pack	7500	870	765
				10154	F15T8/SW		24	Soft White. Replaces WWX	7500	600	480
				44433	F15T8/SW	6PK	24	Soft White. 6-Pack. Replaces WWX	7500	600	480
				10150	F15T8/CWX		24	DeLuxe Cool White	7500	610	490
				10151	F15T8/CWX	6PK	24	DeLuxe Cool White. 6-Pack	7500	610	490
				10134	F15T8/D		24	Daylight	7500	750	660
				10135	F15T8/D	6PK	24	Daylight. 6-Pack	7500	750	660
				10139	F15T8/W		24	White	7500	870	765
				10147	F15T8/WW		24	Warm White	7500	870	740
				10156	F15T8/N		24	Natural	7500	590	500
				49892	F15T8/PL/AQ	6PK	24	Plant & Aquarium—Wide Spectrum. 6-Pack	7500	535	...
				32726	F15T8/PL	6PK	24	Plant Light—"Gro and Sho". 6-Pack	7500	250	...
				10170	F15T8/R	6PK	24	Red. 6-Pack	7500	40	22
				35884	F15T8/BL	6PK	24	Black Light. 6-Pack	7500	...	...
				35885	F15T8/BLB	6PK	24	Black Light Blue. Integral Filter. 6-Pack	7500	...	...

**T-12 Approx. 1 1/2" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

15	T-12	18	Medium Bipin  T-12	10182	F15T12/CW		24	Cool White	9000	800	695
				10183	F15T12/CW	6PK	24	Cool White. 6-Pack	9000	800	695
				44694	F15T12/SW		24	Soft White. Replaces WWX	9000	505	395
				44695	F15T12/SW	6PK	24	Soft White. 6-Pack. Replaces WWX	9000	505	395
				10187	F15T12/CWX	6PK	24	DeLuxe Cool White. 6-Pack	9000	520	465
				10179	F15T12/D		24	Daylight	9000	650	545
				10185	F15T12/WW		24	Warm White	9000	800	670
				10213	F20T12/CW		24	Cool White	9000	1250	1110
				10214	F20T12/CW	6PK	24	Cool White. 6-Pack	9000	1250	1110
				10216	F20T12/CW	PALLET	1590	Cool White. Palletized—1590 Lamps	9000	1250	1110
				11413	F20T12/RW3		24	Regal White	9000	1125	975
				44434	F20T12/SW		24	Soft White	9000	820	715
				44435	F20T12/SW	6PK	24	Soft White. 6-Pack	9000	820	715
				10220	F20T12/CWX		24	DeLuxe Cool White	9000	850	755
				10221	F20T12/CWX	6PK	24	DeLuxe Cool White. 6-Pack	9000	850	755
				10223	F20T12/WWX		24	DeLuxe Warm White	9000	820	715
20	T-12	24		10205	F20T12/D		24	Daylight	9000	1000	890
				10206	F20T12/D	6PK	24	Daylight. 6-Pack	9000	1000	890
				10210	F20T12/W		24	White	9000	1250	1110
				10217	F20T12/WW		24	Warm White	9000	1250	1110
				38114	F20T12/C50		24	Chroma 50—Chromaline™. 5000°K.	9000	850	755
				10229	F20T12/N	6PK	24	Natural. 6-Pack	9000	810	705
				49891	F20T12/PL/AQ	6PK	24	Plant & Aquarium—Wide Spectrum. 6-Pack	9000	805	...
				32727	F20T12/PL	6PK	24	Plant Light—"Gro and Sho". 6-Pack	9000	340	265
				41942	F20T12/GS/WS		24	"Gro and Sho"—Wide Spectrum	9000	805	...
				10231	F20T12/B	6PK	24	Blue. 6-Pack	9000	450	325
				10233	F20T12/G	6PK	24	Green. 6-Pack	9000	1650	1005
				10237	F20T12/GO	6PK	24	Gold. 6-Pack	9000	900	650
				10239	F20T12/PK	6PK	24	Pink. 6-Pack	9000	450	250
				10241	F20T12/R	6PK	24	Red. 6-Pack	9000	80	45



# GENERAL ELECTRIC FLUORESCENT LAMPS

Burning Position—ANY, except as noted.

## FLUORESCENT LAMPS —PREHEAT

### PREHEAT FLUORESCENT LAMPS (For Use With Starters) (Continued)

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 or more Burning Hours Per Start)		

#### T-12 Approx. 1 1/2" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

20	T-12	24	Medium Bipin	10244	F20T12/BL	6PK	24	Black Light. 6-Pack	9000	...	...
				34747	F20T12/BLB	6PK	24	Black Light Blue. Integral Filter. 6-Pack	9000	...	...
				10247	F20T12/CW/1		24	Cool White—D.C. Operation	7500	995	895
				10253	F20T12/CW/26		24	Cool White—Appliance Service	7500 (343)	1250	1000
25	T-12	28	Medium Bipin	10281	F25T12/CW/28		24	Cool White	7500	1750	1575
				10282	F25T12/CW/28	6PK	24	Cool White. 6-Pack	7500	1750	1575
				10286	F25T12/D/28		24	Daylight	7500	1450	1230
				10278	F25T12/CW/33		24	Cool White	7500	1950	1755
				38201	F25T12/CW/33	6PK	24	Cool White. 6-Pack	7500	1950	1755
				10299	F25T12/D/33		24	Daylight	7500	1650	1490
				10293	F25T12/WW/33		24	Warm White	7500	1950	1755

#### T-8 Approx. 1" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

30	T-8	36	Medium Bipin	10315	F30T8/CW		24	Cool White	7500	2200	2000
				10316	F30T8/CW	6PK	24	Cool White. 6-Pack	7500	2200	2000
				10326	F30T8/SW		24	Soft White. Replaces WWX	7500	1400	1150
				44437	F30T8/SW	6PK	24	Soft White. 6-Pack. Replaces WWX	7500	1400	1150
				10320	F30T8/CWX		24	DeLuxe Cool White	7500	1500	1230
				10321	F30T8/CWX	6PK	24	DeLuxe Cool White. 6-Pack	7500	1500	1230
				10310	F30T8/D		24	Daylight	7500	1900	1700
				10311	F30T8/D	6PK	24	Daylight. 6-Pack	7500	1900	1700
				10313	F30T8/W		24	White	7500	2250	2025
				10318	F30T8/WW		24	Warm White	7500	2200	2000
				10328	F30T8/N		24	Natural	7500	1400	1150
				10329	F30T8/N	6PK	24	Natural. 6-Pack	7500	1400	1150
				34315	F30T8/PL	6PK	24	Plant Light—"Gro and Sho." 6-Pack	7500	600	490

### "WATT-MISER"® "F-90" T-17 PREHEAT LAMPS

"F-90" 82-watt T-17 WATT-MISER preheat lamps, when used indoors with typical high power factor switch-start ballasts, provide energy savings of up to 7%, when compared to standard 90-watt T-17 preheat lamps. Light output will be reduced by about the same amount. Life ratings below are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

#### T-17 Approx. 2 1/8" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/2" from the nominal lamp length shown below.

82 WATT-MISER	T-17	60	Mogul Bipin	43443	F90T17/CW/WM	12	Cool White—WATT-MISER	9000§	6100	5610
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### PREHEAT FLUORESCENT LAMPS (For Use With Starters) (Continued)

#### T-17 Approx. 2 1/8" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/2" from the nominal lamp length shown below.

90	T-17	60	Mogul Bipin	10643	☆F90T17/CW	12	Cool White	9000§	6400	5890
				10641	F90T17/D	12	Daylight	9000§	5650	5085

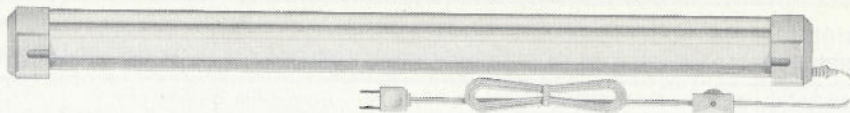
§ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 15,000 hours.

☆ **FOR ENERGY SAVINGS**—Consider . . . "WATT-MISER" (See chart—page 78)



## "BRIGHT STIK"® SELF-BALLASTED FLUORESCENT LAMPS

"Bright Stiks" are easy to install, ready to plug in, 25" fluorescent lamp-in-holder units. The 33-watt units need no special wiring, no fixture and are U.L. listed. The "WX" White phosphors provide a warm, pleasing color; blending with incandescent light. "Gro and Sho" Plant Light "Bright Stik" units promote growth and enhance the attractiveness of a wide variety of green foliage and house plants.

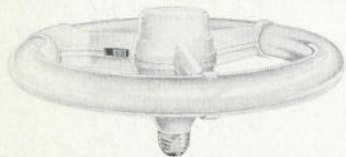


Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(1 Hour Per Start)		
33	T-12	25	2-Pin Plug Recept.	44214	FBS25/WX 6PK	6	"Bright Stik"—White. Self-ballasted lighting unit complete with plug-in 6-foot cordset and feed-thru "on-off" switch	5000††	725	...
				43682	FBS25/GS	6	"Bright Stik"—"Gro and Sho"—Wide Spectrum. Self-ballasted lighting unit complete with plug-in 6-foot cordset and feed-thru "on-off" switch	5000††	470	...

†† Average rated life at 3 hours per start: 7500 hours.

## PORTABLE LIGHTING PRODUCTS

### "CIRCLITE"™ INCANDESCENT-TO-FLUORESCENT LAMP CONVERSION UNIT‡



Use Circlite to replace incandescent bulbs in portable lamps, swag lamps and in ceiling sockets. Circlite saves on electricity bills. It uses only 44 watts to provide the light output of a standard 100-watt incandescent bulb and is designed to last 10 times as long. The adapter ballast is reusable having a life expectancy of 50,000 hours, almost the combined life of seven Circlite satellite bulbs. Circlite is U.L. listed.

Nominal Lamp Watts	Bulb	Diameter	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens
				GE ID NO. 043168-				(3 Hours Per Start) (1)(2)	
44	T-9	10"	Medium Screw	47815	FCA44/SW	4	Circlite™—Soft White Incandescent to Fluorescent Conversion Unit. Includes Satellite bulb and adapter ballast.	7500	1750
				10840	FCA44/SW CI 6PK	6	Circlite™—Soft White Incandescent to Fluorescent Conversion Unit. Includes Satellite bulb and adapter ballast and anti-theft locks for use with portable lamps.	7500	1750
				49698	FCS10/SW	4	Circlite™—Replacement Satellite bulb—Soft White. Use on adapter ballast.	7500	1750

(1) Satellite bulb 7500 hours at 3 hrs. per start; 5000 hrs. at 1 hr. per start.

(2) Adapter ballast designed for 50,000 hours life.

‡ See Portable Lighting Products Sales Plan for terms and conditions.



# GENERAL ELECTRIC FLUORESCENT LAMPS

## "WATT-MISER"® "F-30" T-12 RAPID START LAMPS

For use indoors on two-lamp rapid start circuits only, using typical high power factor ballasts. "F-30" 25-watt T-12 WATT MISER lamps can reduce electrical energy costs by up to 10% with about the same reduction in light output compared to standard "F-30" 30-watt T-12 rapid start lamps. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 or more Burning Hours Per Start)		

### T-12 Approx. 1 1/2" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

25 WATT-MISER	T-12	36	Medium Bipin	44599	F30T12/CW/RS/WM	24	Cool White—WATT-MISER	18000	2000	1700
				44600	F30T12/WW/RS/WM	24	Warm White—WATT-MISER	18000	2050	1740



T-12

## "F-30" 30-WATT T-12 RAPID START LAMPS (No Starters Used)

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 or more Burning Hours Per Start)		

### T-12 Approx. 1 1/2" Diameter

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

30	T-12	36	Medium Bipin	10357	☆F30T12/CW/RS	24	Cool White	18000	2300	1955
				39176	F30T12/CW/RS 6PK	24	Cool White, 6-Pack	18000	2300	1955
				11414	F30T12/RW3/RS	24	Regal White 3000°K. Color temperature	18000	2075	1660
				10358	F30T12/CWX/RS	24	DeLuxe Cool White	18000	1530	1285
				10362	F30T12/WWX/RS	24	DeLuxe Warm White	18000	1490	1190
				10365	F30T12/D/RS	24	Daylight	18000	1900	1650
				10363	F30T12/W/RS	24	White	18000	2250	1910
				10359	☆F30T12/WW/RS	24	Warm White	18000	2360	2005
				38115	F30T12/C50/RS	24	Chroma 50—Chromaline™—5000°K.	18000	1600	1280

☆ FOR ENERGY SAVINGS—Consider . . . "WATT-MISER" (See chart—page 78)

## "F-40" RAPID START—PREHEAT LAMPS

Since any one design cannot answer the full range of the economic requirements of the fluorescent lamp purchaser, General Electric offers 4 "F-40" choices—the 34-watt WATT-MISER® and WATT-MISER II® rapid start lamps, the STAYBRIGHT™ and the MAINLIGHTER™ 4-foot Rapid Start-Preheat Lamps.

The "F-40" MAINLIGHTER Lamp is the standard lamp.

The 34-watt WATT-MISER Lamp reduces electrical energy costs by up to 16% and is interchangeable with most 4-foot "F-40" lamps in indoor rapid start fixture installations. By means of an inside-the-lamp invisible conductive coating, the WATT-MISER lamp provides reliable starting at lower voltages.

The "F-40" WATT-MISER "II" Lamp, utilizing a premium, high efficiency blend of phosphors—"Lite White", offers the same energy cost saving advantages of the popular "F-40" WATT-MISER—approximately 14% less wattage—as well as producing close to the same light output as the standard "F-40" Cool White fluorescent Lamp.

The premium "F-40" STAYBRIGHT Lamp, with its "floating shield" electrode design, eliminates "end blackening" for better appearance, but more importantly, provides higher initial light output and better lumen maintenance than standard F-40 fluorescent lamps.



**"WATT-MISER"® "F-40" T-12 RAPID START LAMPS**

"F-40" T-12 WATT-MISER 34-watt lamps reduce electrical energy costs up to 16%, compared to standard "F-40" T-12 fluorescent lamps, when used indoors with lead-circuit rapid start high power factor ballasts. Light output is approximately 12% less than standard "F-40" T-12 lamps. Life ratings shown below are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life (3 or more Burning Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
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**T-12 Approx. 1½" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

34 WATT-MISER	T-12	48	Medium Bipin 	40878	F40CW/RS/WM	24	Cool White—WATT-MISER	20000	2850	2510
				40987	F40CW/RS/WM 6PK	24	Cool White—WATT-MISER. 6-Pack	20000	2850	2510
				11063	F40CW/RS/WM 576-PALLET	576	Cool White—WATT-MISER. Palletized—576 Lamps	20000	2850	2510
				47975	F40RW3/RS/WM	24	Regal White—WATT-MISER. 3000°K. Color temperature	20000	2600	2055
				40881	F40CWX/RS/WM	24	DeLuxe Cool White —WATT-MISER	20000	2000	1660
				43109	F40WWX/RS/WM	24	DeLuxe Warm White—WATT-MISER	20000	1900	1570
				40879	F40D/RS/WM	24	Daylight—WATT-MISER	20000	2300	2025
				41587	F40W/RS/WM	24	White—WATT-MISER	20000	2850	2510
				11065	F40W/RS/WM 576-PALLET	576	White—WATT-MISER. Palletized—576 Lamps	20000	2850	2510
				40880	F40WW/RS/WM	24	Warm White—WATT-MISER	20000	2850	2510
				11066	F40WW/RS/WM 576-PALLET	576	Warm White—WATT-MISER. Palletized—576 Lamps	20000	2850	2510


**"WATT-MISER"® II "F-40" T-12 RAPID START LAMPS**

The "F-40" T-12 WATT-MISER "II" lamp, with high efficiency "Lite White" phosphor, provides nearly the same light output as the standard F40CW Cool White fluorescent lamp, yet offers up to 16% wattage savings when used indoors with high power factor rapid start ballasts. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life (3 or more Burning Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
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**T-12 Approx. 1½" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

34 WATT-MISER II	T-12	48	Medium Bipin 	42869	F40LW/RS/WMII	24	Lite White—WATT-MISER "II"	20000	3050	2685
				44307	F40LW/RS/WMII 6PK	24	Lite White—WATT-MISER "II". 6-Pack	20000	3050	2685
				11064	F40LW/RS/WMII 576-PALLET	576	Lite White—WATT-MISER "II". Palletized—576 Lamps	20000	3050	2685

**"F-40" T-12 "STAYBRIGHT"™ RAPID START—PREHEAT LAMPS**

Life ratings published below for Staybright Lamps are for rapid circuits only. On preheat circuits, average rated life at 3 or more burning hours per start is 12,000 hours.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life (3 or more Burning Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
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**T-12 Approx. 1½" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

40	T-12	48	Medium Bipin	34077	☆F40CW/S	24	Cool White—STAYBRIGHT	15000	3250	2960
				34561	☆F40D/S	24	Daylight—STAYBRIGHT	15000	2650	2410
				34562	☆F40W/S	24	White—STAYBRIGHT	15000	3250	2960
				34563	☆F40WW/S	24	Warm White—STAYBRIGHT	15000	3250	2960

☆ **FOR ENERGY SAVINGS—Consider... "WATT-MISER" (See chart—page 78)**




**"F-40" T-12 "MAINLIGHTER"<sup>TM</sup> RAPID START—PREHEAT LAMPS**

Life ratings published below for Mainlighter Lamps are for rapid start circuits only. On preheat circuits, average rated life at 3 or more burning hours per start is 15,000 hours.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 or more Burning Hours Per Start)		


**T-12 Approx. 1½" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct ¼" from the nominal lamp length shown below.

40	T-12	48	Medium Bipin 	10471	☆F40CW	24	Cool White—MAINLIGHTER	20000+	3150	2770
				10472	☆F40CW 6PK	24	Cool White—MAINLIGHTER. 6-Pack	20000+	3150	2770
				10480	☆F40CW 48PK	48	Cool White—MAINLIGHTER. 48-Pack	20000+	3150	2770
				11059	☆F40CW 576 PALLET	576	Cool White—MAINLIGHTER. Palletized—576 Lamps	20000+	3150	2770
				47974	☆F40RW3	24	Regal White—MAINLIGHTER. 3000°K. Color temperature	20000+	2850	2250
				10507	F40SW	24	Soft White	20000+	2150	1875
				44439	F40SW 6PK	24	Soft White. 6-Pack	20000+	2150	1875
				10481	☆F40CWX	24	Deluxe Cool White—MAINLIGHTER	20000+	2200	1825
				10482	F40CWX 6PK	24	Deluxe Cool White—MAINLIGHTER. 6-Pack	20000+	2200	1825
				11060	☆F40CWX 576 PALLET	576	DeLuxe Cool White—MAINLIGHTER. Palletized—576 Lamps	20000+	2200	1825
				10491	☆F40WWX	24	DeLuxe Warm White—MAINLIGHTER	20000+	2150	1785

**T-12 Approx. 1½" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct ¼" from the nominal length shown below.

40	T-12	48	Medium Bipin 	10501	☆F40D	24	Daylight—MAINLIGHTER	20000+	2600	2290
				10502	F40D 6PK	24	Daylight—MAINLIGHTER. 6-Pack	20000+	2600	2290
				10496	☆F40W	24	White—MAINLIGHTER	20000+	3150	2770
				11061	☆F40W 576 PALLET	576	White—MAINLIGHTER. Palletized—576 Lamps	20000+	3150	2770
				10486	☆F40WW	24	Warm White—MAINLIGHTER	20000+	3150	2770
				10487	F40WW 6PK	24	Warm White—MAINLIGHTER. 6-Pack	20000+	3150	2770
				11062	☆F40WW 576 PALLET	576	Warm White—MAINLIGHTER. Palletized—576 Lamps	20000+	3150	2770
				10558	F40SGN	24	Sign White—MAINLIGHTER	20000+	2400	1990
				37935	F40/C50	24	Chroma 50—Chromaline <sup>TM</sup> —5000°K. MAINLIGHTER	20000+	2200	1890
				36998	F40/C75	24	Chroma 75—Chromaline <sup>TM</sup> —7500°K. MAINLIGHTER	20000+	2000	1720
				10509	F40N	24	Natural—MAINLIGHTER	20000+	2100	1745
				10510	F40N 6PK	24	Natural—MAINLIGHTER. 6-Pack	20000+	2100	1745
				10535	F40CG 6PK	24	Cool Green—MAINLIGHTER. 6-Pack	20000+	2850	2365
				49893	F40PL/AQ 6PK	24	Plant & Aquarium—Wide Spectrum. 6-Pack	20000+	1950	...
				32728	F40PL 6PK	24	Plant Light—"Gro and Sho"—MAINLIGHTER. 6-Pack	20000+	850	630
				10514	F40B 6PK	24	Blue—MAINLIGHTER. 6-Pack	20000+	1200	720
				10517	F40G 6PK	24	Green—MAINLIGHTER. 6-Pack	20000+	4350	2130
				10522	F40GO 6PK	24	Gold—MAINLIGHTER. 6-Pack	20000+	2400	1765
				10520	F40PK 6PK	24	Pink—MAINLIGHTER. 6-Pack	20000+	1100	...
				10524	F40R 6PK	24	Red—MAINLIGHTER. 6-Pack	20000+	200	60
				10526	F40BL 6PK	24	Black Light. 6-Pack	20000+	...	...
				10531	F40BLB 6PK	24	Black Light Blue—Integral Filter. 6-Pack	20000+	...	...
				10536	FR40CW	24	Cool White—Reflector. MAINLIGHTER. 135° window (308)	20000+	2600	2055

☆ **FOR ENERGY SAVINGS** Consider ... **"WATT-MISER"** (See chart—page 78)



**MOD-U-LINE™ U-SHAPED FLUORESCENT LAMPS (Rapid Start)**

General Electric MOD-U-LINE "U-Shaped" Fluorescent Lamps are available in two leg spacings— $3\frac{5}{8}$ " and 6". Approximate lamp length (base face to outside of glass bend) on F40/U/3 lamps (with  $3\frac{5}{8}$ " leg spacing) is  $22\frac{1}{4}$  inches. On F40/U/6 lamps with 6" leg spacing, approximate lamp length (base face to outside of glass bend) is  $22\frac{1}{2}$  inches.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1½" Diameter— $3\frac{5}{8}$ " Leg Spacing**

40	T-12 U-shape	24	Medium Bipin	39631	F40CW/U/3	12	Cool White—Mod-U-Line. $3\frac{5}{8}$ " Leg Spacing	12000‡	2900	2525
				11607	F40RW3/U/3	12	Regal White—Mod-U-Line. $3\frac{5}{8}$ " Leg Spacing. 3000°K. Color temperature	12000‡	2500	2100
				40538	F40CWX/U/3	12	DeLuxe Cool White—Mod-U-Line. $3\frac{5}{8}$ " Leg Spacing	12000‡	2020	1675
				40539	F40WWX/U/3	12	DeLuxe Warm White—Mod-U-Line. $3\frac{5}{8}$ " Leg Spacing	12000‡	1980	1645
				39632	F40WW/U/3	12	Warm White—Mod-U-Line. $3\frac{5}{8}$ " Leg Spacing	12000‡	2850	2480
				39633	F40W/U/3	12	White—Mod-U-Line. $3\frac{5}{8}$ " Leg Spacing	12000‡	2850	2480

**T-12 Approx. 1½" Diameter—6" Leg Spacing**

40	T-12 U-shape	24	Medium Bipin	39433	F40CW/U/6	12	Cool White—Mod-U-Line. 6" Leg Spacing	12000‡	2900	2525
				11611	F40RW3/U/6	12	Regal White—Mod-U-Line. 6" Leg Spacing. 3000°K. Color temperature	12000‡	2600	2185
				40540	F40CWX/U/6	12	DeLuxe Cool White—Mod-U-Line. 6" Leg Spacing	12000‡	2020	1675
				40541	F40WWX/U/6	12	DeLuxe Warm White—Mod-U-Line. 6" Leg Spacing	12000‡	1980	1645
				39434	F40WW/U/6	12	Warm White—Mod-U-Line. 6" Leg Spacing	12000‡	2850	2480
				40132	F40WW/U/6 360-PALLET	360	Warm White—Mod-U-Line. 6" Leg Spacing. Palletized—360 Lamps	12000‡	2850	2480
				39435	F40W/U/6	12	White—Mod-U-Line. 6" Leg Spacing	12000‡	2850	2480

‡ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.

**40-WATT INSTANT START LAMPS (No Starters Used)**

**NOTE:** The base pins on "40-Watt Instant Start" Fluorescent lamps are short-circuited inside the end caps and the lamps will not operate on preheat or rapid start circuits.

**T-12 Approx. 1½" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct ¼" from the nominal lamp length shown below.

40	T-12	48	Medium Bipin	10420	F40T12/CW/IS	24	Cool White	7500	3100	2850
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**T-17 Approx. 2½" Diameter**

To determine approximate lamp length (pin ends to pin ends), deduct ½" from the nominal lamp length shown below.

40	T-17	60	Mogul Bipin	10575	F40T17/CW/IS	12	Cool White	7500	2950	2700
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## GENERAL ELECTRIC FLUORESCENT LAMPS

## FLUORESCENT CIRCLINE & SLIMLINE LAMPS

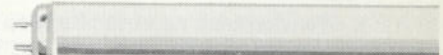
### FLUORESCENT APPLIANCE LAMPS

Fluorescent Appliance Lamps are designed primarily for intermittent burning service on appliances. Life and watts depend upon the characteristics of the ballasts used within the individual circuits. Average rated life is 4500 hours at 1 hour per start. To determine approximate lamp length (pin ends to pin ends), deduct 1/4" from the nominal lamp length shown below.

T-8



T-12



Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life (3 Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
18	T-8	22	Medium Bipin	10257	F22" T8/D/4	24	Daylight	7500	900	735
		24		10259	F24" T8/CW/4	24	Cool White	7500	1175	995
19		26		10702	F26" T8/CW/4	24	Cool White	7500	1275	1020
		28		10706	F28" T8/CW/4	24	Cool White	7500	1350	1080
		30		10349	F30" T8/CW/4	24	Cool White	7500	1400	1120
21	T-12			10355	F30" T12/CW	24	Cool White	7500	1400	1120

### CIRCLINE FLUORESCENT LAMPS

GE Circline Fluorescent lamps are designed and rated for operation in rapid start circuits. They will operate in conventional starter-type circuits and will attain full rated performance.

Nominal Lamp Watts	Bulb	Nominal Outside Diam. (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life (3 or more Burning Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
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#### T-9 Approx. 1 1/8" Diameter

20	T-9	6 1/2" Diam.	4-Pin	42732	FC6T9/CW	12	Cool White	12000	800	590
				42733	FC6T9/WW	12	Warm White	12000	825	610
22		8 1/4" Diam.		33774	FC8T9/CW	12	Cool White	12000	1050	775
				49898	FC8T9/SW 6 PK	12	Soft White. Replaces WWX	12000	800	590
				33775	FC8T9/CWX	12	DeLuxe Cool White	12000	850	630
				11023	FC8T9/WW	12	Warm White	12000	1000	740
32		12" Diam.		11026	FC8T9/D	12	Daylight	12000	850	630
				33890	FC12T9/CW	12	Cool White	12000	1900	1445
				49899	FC12T9/SW 6 PK	12	Soft White. Replaces WWX	12000	1300	960
				33891	FC12T9/CWX	12	DeLuxe Cool White	12000	1400	1120
				11034	FC12T9/WW	12	Warm White	12000	1800	1495
				11039	FC12T9/D	12	Daylight	12000	1500	1245
40		16" Diam.		11042	FC12T9/BL	12	Black Light	12000	...	...
				33893	FC16T9/CW	12	Cool White	12000	2600	2055
				49900	FC16T9/SW 6 PK	12	Soft White. Replaces WWX	12000	1900	1520
				33894	FC16T9/CWX	12	DeLuxe Cool White	12000	2000	1600
				11048	FC16T9/WW	12	Warm White	12000	2500	1850

### STANDARD SLIMLINE LAMPS (Instant Start)

For use only with auxiliary equipment designed to produce proper electrical values. Nominal lamp watts are to the nearest 5 watts. For total watts add auxiliary watts. Unless otherwise noted, ratings apply to operation in A.C. circuits.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life (3 or more Burning Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
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#### T-12 Approx. 1 1/2" Diameter

Nominal lamp watts, average rated life and lumen ratings shown below are for 425 ma. operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

20	T-12	24	Single Pin	10691	F24T12/CW	24	Cool White	7500	1150	1035
				10694	F24T12/WW	24	Warm White	7500	1150	1035
30		36		10709	F36T12/CW	24	Cool White	7500	2000	1800
				10711	F36T12/WW	24	Warm White	7500	2000	1800





**GENERAL ELECTRIC FLUORESCENT LAMPS  
STANDARD SLIMLINE LAMPS (Instant Start) (Continued)**

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-6 Approx. 3/4" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **200 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

25	T-6	42	Single Pin	10720	F42T6/CW	24	Cool White	7500	1750	1490
				10722	F42T6/CWX	24	DeLuxe Cool White	7500	1300	1040
				10721	F42T6/WW	24	Warm White	7500	1820	1545

**T-12 Approx. 1 1/2" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **425 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

35	T-12	42	Single Pin	10735	F42T12/CW	24	Cool White	7500	2300	2070
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**"WATT MISER"® "F-48" T-12 SLIMLINE LAMPS (Instant Start)**

When used with lead-circuit high power factor instant start ballasts, "F-48" T-12 WATT-MISER Slimline lamps provide system wattage savings of up to 19% compared to standard 48" T-12 Slimline lamps. Light output is approximately 19% less than standard 48" T-12 Slimline lamps. Life ratings shown below are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1 1/2" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **425 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

30 WATT-MISER	T-12	48	Single Pin	44967	F48T12/CW/WM	24	Cool White—WATT-MISER	9000†	2500	2300
				10528	F48T12/WW/WM	24	Warm White—WATT-MISER	9000†	2500	2300

**"WATT-MISER® II" "F-48" T-12 SLIMLINE LAMPS (Instant Start)**

Up to 19% average system wattage savings can be realized by using "F-48" T-12 WATT-MISER "II" lamps in place of standard 48" T-12 Slimline lamps when used indoors with lead-circuit high power factor instant start ballasts. Light output is approximately 14% less than standard 48" T-12 Slimline lamps. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		
30 WATT-MISER II	T-12	48	Single Pin	44971	F48T12/LW/WM II	24	Lite White—WATT-MISER "II"	9000†	2675	2460

**STANDARD SLIMLINE LAMPS (Instant Start) (Continued)**

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1 1/2" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **425 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

40	T-12	48	Single Pin	10748	☆F48T12/CW	24	Cool White	9000†	3000	2760
				10749	F48T12/CW 6PK	24	Cool White, 6-Pack	9000†	3000	2760
				11416	F48T12/RW3	24	Regal White 3000°K. Color temperature	9000†	2710	2360
				10757	F48T12/CWX	24	DeLuxe Cool White	9000†	2050	1825
				10759	F48T12/WWX	24	DeLuxe Warm White	9000†	2000	1780
				10761	F48T12/D	24	Daylight	9000†	2500	2300
				10760	☆F48T12/W	24	White	9000†	3000	2760
				10755	☆F48T12/WW	24	Warm White	9000†	3000	2760
				10765	F48T12/N	24	Natural	9000†	1900	1690
				10797	F60T12/CW	24	Cool White	12000‡	3550	3195
50	T-12	60	Single Pin	44203	F60T12/CW 6PK	24	Cool White, 6-Pack	12000‡	3550	3195
				10798	F60T12/D	24	Daylight	12000‡	3150	2835

† Average rated life at 3 hours per start. At 12 hours per start, average rated life is 13,000 hours.

‡ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.

☆ **FOR ENERGY SAVINGS—Consider. . . "WATT-MISER" (See chart—page 78)**




## STANDARD SLIMLINE LAMPS (Instant Start) (Continued)

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-6 Approx. 3/4" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for 200 ma. operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

40	T-6	64	Single Pin  T-6	10805	F64T6/CW	24	Cool White	7500	2800	2350
				10808	F64T6/CWX	24	DeLuxe Cool White	7500	2050	1680
				10807	F64T6/WW	24	Warm White	7500	2800	2350

**T-12 Approx. 1 1/2" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for 425 ma. operation.


To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

50	T-12	64	Single Pin	10822	F64T12/CW	24	Cool White	12000†	3850	3505
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**T-8 Approx. 1" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for 200 ma. operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

35	T-8	72	Single Pin  T-8	10829	F72T8/CW	24	Cool White	7500	3000	2800
				10831	F72T8/CW 6PK	24	Cool White. 6-Pack	7500	3000	2800
				10835	F72T8/WW 6PK	24	Warm White. 6-Pack	7500	3000	2800

**T-12 Approx. 1 1/2" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for 425 ma. operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

55	T-12	72	Single Pin  T-12	10863	F72T12/CW	12	Cool White	12000†	4600	4185
				10866	F72T12/CW 6PK	12	Cool White. 6-Pack	12000†	4600	4185
				10874	F72T12/CWX	12	DeLuxe Cool White	12000†	3150	2835
				10884	F72T12/D	12	Daylight	12000†	3800	3420
				10871	F72T12/WW	12	Warm White	12000†	4650	4230
				10891	F72T12/N 6PK	12	Natural. 6-Pack	12000†	3050	2745
				10897	F72T12/GO 6PK	12	Gold. 6-Pack	12000†	3040	...
65		84		10630	F84T12/CW	12	Cool White	12000†	5400	4915
				10631	F84T12/D	12	Daylight	12000†	4425	3985

**"WATT-MISER"® "F-96" T-8 SLIMLINE LAMPS (Instant Start)**

When used indoors with typical high power factor instant start ballasts, 96" T-8 WATT-MISER Slimline lamps offer up to 17% wattage savings compared with standard 200 ma. 96" T-8 Slimline lamps. Life ratings shown below are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-8 Approx. 1" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for 200 ma. operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

40 WATT-MISER	T-8	96	Single Pin	41802	F96T8/CW/WM	24	Cool White—WATT-MISER	7500*	3700	3400
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\* Average rated life at 3 hours per start. At 12 hours per start, average rated life is 10,000 hours.

† Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.



**STANDARD SLIMLINE LAMPS (Instant Start) (Continued)**

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-8 Approx. 1" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **200 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

50	T-8	96	Single Pin	10912	☆F96T8/CW	24	Cool White	7500*	4200	3860
				10914	F96T8/CW 6PK	24	Cool White, 6-Pack	7500*	4200	3860
				10916	F96T8/WW	24	Warm White	7500*	4200	3860

**"WATT-MISER"® "F-96" T-12 SLIMLINE LAMPS (Instant Start)**

As an energy saving alternative to standard 96" T-12 425 ma. Slimline lamps, "F-96" T-12 WATT-MISER Slimline lamps can reduce power usage up to 20% when used indoors with typical lead-circuit high power factor instant start ballasts. Light output is approximately 17% less than for standard 96" 425 ma. Slimline lamps. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1½" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **425 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

60 WATT-MISER	T-12	96	Single Pin	40680	F96T12/CW/WM	12	Cool White—WATT-MISER	12000‡	5600	5150
				47977	F96T12/RW3/WM	12	Regal White—WATT-MISER. 3000°K. Color temperature	12000‡	5100	4285
				40768	F96T12/CWX/WM	12	DeLuxe Cool White—WATT-MISER	12000‡	4000	3600
				43820	F96T12/WWX/WM	12	DeLuxe Warm White—WATT-MISER	12000‡	3870	3485
				40788	F96T12/D/WM	12	Daylight—WATT-MISER	12000‡	4840	4405
				40906	F96T12/W/WM	12	White—WATT-MISER	12000‡	5600	5150
				40789	F96T12/WW/WM	12	Warm White—WATT-MISER	12000‡	5600	5150
				43953	F96T12/C50/WM	12	Chroma 50—Chromaline™—5000°K. WATT-MISER	12000‡	4100	3690

**"WATT-MISER"® II" "F-96" T-12 SLIMLINE LAMPS (Instant Start)**

With yet another breakthrough in phosphor efficiency, GE offers WATT-MISER "II"—the 60-watt 96" T-12 Slimline lamp with Lite White phosphor—rated at 100 lumens per watt—the first 425 ma. fluorescent lamp to accomplish this feat. This 96" lamp can save 20% on energy costs while giving almost as much light as the standard 75-watt T-12 lamp.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1½" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **425 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

60 WATT-MISER II	T-12	96	Single Pin	44335	F96T12/LW/WMII	12	Lite White—WATT-MISER "II"	12000‡	6000	5520
				44903	F96T12/LW/WMII 6PK	12	Lite White—WATT-MISER "II". 6-Pack	12000‡	6000	5520

**STANDARD SLIMLINE LAMPS (Instant Start) (Continued)**

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1½" Diameter**

Nominal lamp watts, average rated life and lumen ratings shown below are for **425 ma.** operation.

To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.

75	T-12	96	Single Pin	10954	☆F96T12/CW	12	Cool White	12000‡	6300	5800
				10964	☆F96T12/CW 6PK	12	Cool White, 6-Pack	12000‡	6300	5800
				47976	☆F96T12/RW3	12	Regal White. 3000°K. Color temperature	12000‡	5650	4745

\* Average rated life at 3 hours per start. At 12 hours per start, average rated life is 10,000 hours.

‡ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.


☆ **FOR ENERGY SAVINGS—Consider... "WATT-MISER" (See chart—page 78)**



# GENERAL ELECTRIC FLUORESCENT LAMPS


## FLUORESCENT SLIMLINE & HIGH OUTPUT LAMPS

### STANDARD SLIMLINE LAMPS (Instant Start) (Continued)

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		
<b>T-12    Approx. 1 1/2" Diameter</b>										
Nominal lamp watts, average rated life and lumen ratings shown below are for 425 ma. operation.										
To determine approximate lamp length (pin end to pin end), deduct 2-1/16" from the nominal lamp length shown below.										
75	T-12	96	Single Pin    T-12	10977	☆F96T12/CWX	12	DeLuxe Cool White	12000‡	4500	4050
				10979	F96T12/CWX                      6PK	12	DeLuxe Cool White. 6-Pack	12000‡	4500	4050
				10980	☆F96T12/WWX	12	DeLuxe Warm White	12000‡	4350	3915
				10983	☆F96T12/D	12	Daylight	12000‡	5450	5015
				10985	F96T12/D                      6PK	12	Daylight. 6-Pack	12000‡	5450	5015
				10951	☆F96T12/W	12	White	12000‡	6400	5890
				10974	☆F96T12/WW	12	Warm White	12000‡	6300	5800
				38183	☆F96T12/C50	12	Chroma 50—Chromaline™. 5000°K.	12000‡	4650	4185
				10989	F96T12/N	12	Natural	12000‡	4300	3870
				10990	F96T12/N                      6PK	12	Natural. 6-Pack	12000‡	4300	3870
				10999	F96T12/CG                      6PK	12	Cool Green. 6-Pack	12000‡	5800	5220
				11003	F96T12/GO                      6PK	12	Gold. 6-Pack	12000‡	4800	3840
				11001	F96T12/PK                      6PK	12	Pink. 6-Pack	12000‡	2400	1295
				11005	F96T12/R                      6PK	12	Red. 6-Pack	12000‡	400	215
				10968	FR96T12/CW	12	Cool White—Reflector. 135° window	12000‡	5200	4680

### STANDARD HIGH OUTPUT LAMPS (Rapid Start)

For use only with auxiliary equipment designed to produce proper electrical values. Nominal lamp watts are to the nearest 5 watts. For total watts add auxiliary watts. Approximate life and lumen ratings shown below are for 800 ma. operation. Unless otherwise noted, ratings apply to operation in A.C. circuits.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC- DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		
T-12    Approx. 1 1/2" Diameter—For 800 Ma. Operation To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.										
25	T-12	18	Recessed Double Contact   T-12	10204	F18T12/CW/HO	24	Cool White	9000†	1060	880
35		24		10261	F24T12/CW/HO	24	Cool White	9000†	1700	1410
				10275	F24T12/D/HO	24	Daylight	9000†	1400	1160
				10274	F24T12/SGN/HO	24	Sign White	9000†	1320	1095
45		36		10374	F36T12/CW/HO	24	Cool White	9000†	2850	2480
				10380	F36T12/D/HO	24	Daylight	9000†	2400	2090
				10388	F36T12/SGN/HO	24	Sign White	9000†	2190	1905
55		42		10559	F42T12/CW/HO	24	Cool White	9000†	3500	3115
				10560	F42T12/D/HO	24	Daylight	9000†	3000	2610
				10562	F42T12/SGN/HO	24	Sign White	9000†	2600	2260

### "WATT-MISER II"® "F-48" T-12 HIGH OUTPUT LAMPS (Rapid Start)

GE "WATT-MISER II" 48" High Output lamps, when operated indoors on typical lead circuit high power factor rapid start ballasts provide an approximate 18% reduction in electrical energy costs as compared to standard 48" H.O. lamps. Light output is approximately 13% less than the standard 48" H.O. lamp. Life ratings are estimated, based upon design engineering evaluations."

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		
53 WATT-MISER II	T-12	48	Recessed Double Contact	11179	F48T12/LW/HO/WMII	24	Lite White—WATT-MISER "II"	12000†	4000	3480

† Average rated life at 3 hours per start. At 12 hours per start, average rated life is 13,000 hours.

‡ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.

☆ **FOR ENERGY SAVINGS—Consider... "WATT-MISER" (See chart—page 78)**




**STANDARD HIGH OUTPUT LAMPS (Rapid Start)**

For use only with auxiliary equipment designed to produce proper electrical values. Nominal lamp watts are to the nearest 5 watts. For total watts add auxiliary watts. Approximate life and lumen ratings shown below are for 800 ma. operation. Unless otherwise noted, ratings apply to operation in A.C. circuits.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1 1/2" Diameter—For 800 Ma. Operation**

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

60	T-12	48	Recessed Double Contact 	10773	☆F48T12/CW/HO	24	Cool White	12000‡	4300	3740
				10581	F48T12/CWX/HO	24	DeLuxe Cool White	12000‡	3050	2560
				10778	F48T12/D/HO	24	Daylight	12000‡	3600	3025
				10564	F48T12/W/HO	24	White	12000‡	4300	3740
				10565	F48T12/WW/HO	24	Warm White	12000‡	4300	3740
				10573	F48T12/SGN/HO	24	Sign White	12000‡	3300	2770
75		60	T-12	10585	F60T12/CW/HO	24	Cool White	12000‡	5400	4700
				11578	F60T12/CW/HO 6PK	24	Cool White, 6-Pack	12000‡	5400	4700
				10583	F60T12/D/HO	24	Daylight	12000‡	4650	4045
				10586	F60T12/SGN/HO	24	Sign White	12000‡	4150	3485
80		64		10588	F64T12/CW/HO	24	Cool White	12000‡	5800	5045
				10590	F64T12/D/HO	24	Daylight	12000‡	4900	4265
85		72		10593	F64T12/SGN/HO	24	Sign White	12000‡	4450	3740
				10902	F72T12/CW/HO	12	Cool White	12000‡	6650	5785
				10623	F72T12/CWX/HO	12	DeLuxe Cool White	12000‡	4550	3775
				10620	F72T12/D/HO	12	Daylight	12000‡	5600	4870
				10613	F72T12/WW/HO	12	Warm White	12000‡	6650	5785
				10616	F72T12/SGN/HO	12	Sign White	12000‡	5100	4285
100		84		11291	F72T12/N/HO 6PK	12	Natural, 6-Pack	12000‡	4500	3870
				37234	F72T12/BL/HO 6PK	12	Black Light, 6-Pack	12000‡	...	...
				10627	F84T12/CW/HO	12	Cool White	12000‡	7800	6785
				10628	F84T12/D/HO	12	Daylight	12000‡	6900	6210
				10629	F84T12/SGN/HO	12	Sign White	12000‡	6000	5040


**"WATT-MISER"® "F-96" T-12 HIGH OUTPUT LAMPS (Rapid Start)**

GE "F-96" T-12 WATT-MISER 800 ma. High Output lamps offer the benefit of almost 16% electrical energy savings over standard 96" T-12 800 ma. High Output lamps, when operated indoors with lead-circuit high power factor rapid start ballasts. Light output is approximately 11% less than with standard 96" T-12 High Output lamps. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start)		

**T-12 Approx. 1 1/2" Diameter—For 800 Ma. Operation**

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

95 WATT-MISER	T-12	96	Recessed Double Contact 	41402	F96T12/CW/HO/WM	12	Cool White—WATT-MISER	12000‡	8500	7395
				44195	F96T12/CWX/HO/WM	12	DeLuxe Cool White—WATT-MISER	12000‡	6100	5065
				41807	F96T12/WW/HO/WM	12	Warm White—WATT-MISER	12000‡	8500	7395

‡ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.

☆ **FOR ENERGY SAVINGS—Consider... "WATT-MISER" (See chart—page 78)**



# GENERAL ELECTRIC FLUORESCENT LAMPS

# FLUORESCENT HIGH OUTPUT & POWER GROOVE LAMPS

## "WATT-MISER® II" "F-96" T-12 HIGH OUTPUT LAMPS (Rapid Start)

GE's "F-96" T-12 WATT-MISER "II" High Output 800 ma. lamp has impressive credentials . . . wattage savings of 20 watts per lamp—nearly 16% savings in energy costs . . . yet, when used indoors with lead-circuit high power factor rapid start ballasts, the light output almost equals that of the standard 96" T-12 High Output lamp. The secret . . . the high efficiency blend of "Lite White" phosphor plus WATT-MISER 800 ma. design. Result . . . WATT-MISER design reduces the wattage—"Lite White" phosphor increases the light output. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life (3 Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
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### T-12 Approx. 1 1/2" Diameter—For 800 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

95 WATT-MISER II	T-12	96	Recessed Double Contact	44387	F96T12/LW/HO/WM II	12	Lite White—WATT-MISER "II"	12000†	9100	7915
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## STANDARD HIGH OUTPUT LAMPS (Rapid Start) (Continued)

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life (3 Hours Per Start)	Approx. Initial Lumens	Approx. Lumens at 40% Rated Avg. Life
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### T-12 Approx. 1 1/2" Diameter—For 800 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

110	T-12	96	Recessed Double Contact	10959	☆F96T12/CW/HO	12	Cool White	12000‡	9200	8005
				10960	F96T12/CW/HO 6PK	12	Cool White, 6-Pack	12000‡	9200	8005
				10667	☆F96T12/CWX/HO	12	DeLuxe Cool White	12000‡	6600	5475
				10669	F96T12/WWX/HO	12	DeLuxe Warm White	12000‡	6550	5435
				10661	F96T12/D/HO	12	Daylight	12000‡	7800	6785
				10660	F96T12/W/HO	12	White	12000‡	9200	8005
				10668	☆F96T12/WW/HO	12	Warm White	12000‡	9200	8005
				10963	F96T12/SGN/HO	12	Sign White	12000‡	7300	6280
				38184	F96T12/C50/HO	12	Chroma 50—Chromaline™, 5000°K.	12000‡	6500	5200
				10991	F96T12/N/HO	12	Natural	12000‡	6250	5375
				35503	F96T12/GO/HO 6PK	12	Gold, 6-Pack	12000‡	6200	...
100 (345)		72	Mogul Bipin	10676	F100T12/CW/HO	12	Cool White—Street Lighting (316)	7500	6950	5560

## STANDARD POWER GROOVE® LAMPS (Rapid Start)

For use only with auxiliary equipment designed to produce proper electrical values. For total watts add auxiliary watts. Unless otherwise noted, ratings apply to operation in A.C. circuits.

Nominal lamp watts shown for Power Groove Fluorescent Lamps are to the nearest 5 watts and are for 1500 ma. operation, as are initial lumens. Lumen ratings shown are for grooves sideways. With grooves up and down, lumens and watts are approximately 5% lower.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No. GE ID No. 043168-	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life* (3 Hours Per Start) (318)	Approx. Initial Lumens (348)	Approx. Lumens at 40% Rated Avg. Life
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### PG-17 Approx. 2 1/8" Diameter—For 1500 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

110	PG-17	48	Recessed Double Contact	10782	☆F48PG17/CW	12	Cool White	12000	7450	5510
				10788	F48PG17/D	12	Daylight	12000	6000	4440
165		72		10602	F72PG17/CW	8	Cool White	12000	11500	8510
				10603	F72PG17/D	8	Daylight	12000	9300	6880
215		96		11009	☆F96PG17/CW	8	Cool White	12000	16000	12160
				11012	F96PG17/CWX	8	DeLuxe Cool White	12000	11000	7370
				11018	F96PG17/D	8	Daylight	12000	13300	10110
				11015	☆F96PG17/WW	8	Warm White	12000	15000	11400

\* Average rated life at 3 hours per start. At 12 hours per start, average rated life is 15,000 hours.

‡ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.

☆ **FOR ENERGY SAVINGS—Consider . . . "WATT-MISER" (See chart—page 78)**



# FLUORESCENT POWER GROOVE & 1500 MA. T-12 LAMPS

## GENERAL ELECTRIC FLUORESCENT LAMPS

### "WATT-MISER"® POWER GROOVE® LAMPS (Rapid Start)

96" PG-17 Power Groove WATT-MISER lamps provide about 17% system wattage savings—up to 40 watts per lamp—compared to standard 96" Power Groove lamps, when used indoors with lead-circuit high power factor rapid start ballasts, with a proportional reduction in light output. Compared to the standard 96" 1500 ma. T-12 lamp, the Power Groove WATT-MISER lamp can save 12% of the electrical energy with virtually no loss of light. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life*	Approx. Initial Lumens (348)	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start) (318)		

#### PG-17 Approx. 2 1/8" Diameter—For 1500 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

95 WATT-MISER	PG-17	48	Recessed Double Contact	47732	F48PG17/CW/WM	12	Cool White—WATT-MISER	12000	6550	4845
185 WATT-MISER		96		42666	F96PG17/CW/WM	8	Cool White—WATT-MISER	12000	14000	10360

### "WATT-MISER"® II" POWER GROOVE® LAMPS (Rapid Start)

96" PG-17 WATT-MISER "II" Power Groove lamps provide about 17% system wattage savings—up to 40 watts per lamp—when used indoors with lead-circuit high power factor rapid start ballasts—compared to standard Power Groove lamps, with approximately 12% reduction in light output. When compared to standard 96" 1500 ma. T-12 lamps, light output of WATT-MISER "II" Power Groove lamps is approximately 5% greater, yet energy savings of up to 12% can be realized. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life*	Approx. Initial Lumens (348)	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start) (318)		

#### PG-17 Approx. 2 1/8" Diameter—For 1500 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

185 WATT-MISER II	PG-17	96	Recessed Double Contact	47731	F96PG17/LW/WMII	8	Lite White—WATT-MISER "II"	12000	14900	11025
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## STANDARD 1500 MA. T-12 FLUORESCENT LAMPS (Rapid Start)

Nominal lamp watts shown for 1500 ma. T-12 Fluorescent Lamps are to the nearest 5 watts and are for 1500 ma. operation, as are initial lumens.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life*	Approx. Initial Lumens (348)	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start) (318)		

#### T-12 Approx. 1 1/2" Diameter—For 1500 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

70	T-12	24	Recessed Double Contact	47619	FR24T12/CW/1500/HT	24	Coal Mining—Cool White—Reflector. 135° Window. High Temperature Operation (308,339)	9000	2600	...
				49783	FR24T12/CW/1500/HT 6PK	24	Coal Mining—Cool White—Reflector. 135° Window. High Temperature Operation. 6-Pack (308,339)	9000	2600	...
110		48	 T-12	10751	F48T12/CW/1500	24	Cool White	10000†	6250	4750
				10754	F48T12/D/1500	24	Daylight	10000†	5100	3875
				10753	F48T12/WW/1500	24	Warm White	10000†	5800	4410
165		72		10867	F72T12/CW/1500	12	Cool White	10000†	9900	7720
				10869	F72T12/WW/1500	12	Warm White	10000†	9600	7490
215		96		10970	☆F96T12/CW/1500	12	Cool White	10000†	14500	11310

\* Average rated life at 3 hours per start. At 12 hours per start, rated average life is 15,000 hours.

† Average rated life at 3 hours per start. At 12 hours per start, average rated life is 12,500 hours.

☆ **FOR ENERGY SAVINGS—Consider... "WATT-MISER" (See chart—page 78)**



# GENERAL ELECTRIC FLUORESCENT LAMPS

## FLUORESCENT 1500 MA. T-12 LAMPS


### STANDARD 1500 MA. T-12 FLUORESCENT LAMPS (Rapid Start) (Continued)

Nominal lamp watts shown for 1500 ma. T-12 Fluorescent Lamps are to the nearest 5 watts and are for 1500 ma. operation, as are initial lumens.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life	Approx. Initial Lumens (348)	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start) (318)		

#### T-12 Approx. 1½" Diameter—For 1500 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

215	T-12	96	Recessed Double Contact 	10971	F96T12/CWX/1500	12	DeLuxe Cool White	10000†	10000	7000
				10973	F96T12/D/1500	12	Daylight	10000†	12000	9360
				10972	F96T12/WW/1500	12	Warm White	10000†	13600	10610
				32773	FR96T12/CW/1500	12	Cool White. Reflector. 135° Window (308)	10000†	11900	...

### "WATT-MISER"® 1500 MA. T-12 FLUORESCENT LAMPS (Rapid Start)

GE WATT-MISER 96" 1500 ma. T-12 lamps, when operated indoors with typical lead-circuit high power factor rapid start ballasts, provide an approximate 14% reduction in electrical energy costs as compared to standard 96" 1500 ma. T-12 lamps. Light output is approximately 14% less than the standard 96" 1500 ma. T-12 Cool White lamp. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens (348)	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start) (318)		

#### T-12 Approx. 1½" Diameter—For 1500 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

185 WATT-MISER	T-12	96	Recessed Double Contact	44711	F96T12/CW/1500/WM	12	Cool White—WATT-MISER	9000♦	12500	9750
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### "WATT-MISER"® II 1500 MA. T-12 FLUORESCENT LAMPS (Rapid Start)

GE WATT-MISER II 96" 1500 ma. T-12 lamps, when operated indoors with typical lead-circuit high power factor rapid start ballasts, provide an approximate 14% reduction in electrical energy costs as compared to standard 96" 1500 ma. T-12 lamps. Light output is approximately 8.5% less than the standard 96" 1500 ma. T-12 lamp. Life ratings are estimated, based upon engineering design evaluations.

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See "Watt-Miser" Application Recommendations—Page 98)	Average Rated Life	Approx. Initial Lumens (348)	Approx. Lumens at 40% Rated Avg. Life
				GE ID No. 043168-				(3 Hours Per Start) (318)		

#### T-12 Approx. 1½" Diameter—For 1500 Ma. Operation

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

185 WATT-MISER	T-12	96	Recessed Double Contact	49867	F96T12/LW/1500/WMII	12	Lite White—WATT-MISER "II"	9000♦	13300	10375
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† Average rated life at 3 hours per start. At 12 hours per start, average rated life is 12,500 hours.

♦ Average rated life at 3 hours per start. At 12 hours per start, average rated life is 11,250 hours.

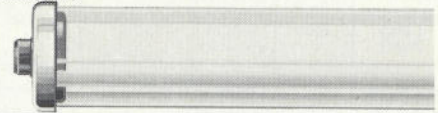


**ALL-WEATHER 1500 MA. FLUORESCENT LAMPS (Rapid Start)**

In areas where severe or continued low temperatures and/or high wind velocities may be encountered, T-10 and T-10J (Jacketed) All-Weather lamps will provide higher lumen output than T-12 or T-12J lamps. In all still air environments, T-12 and T-12J (Jacketed) All-Weather lamps offer equal or superior lumen performance. For detailed data regarding light output vs. temperature, see Lamp Information Letter 211-3340R1.

Nominal lamp watts and light output for All-Weather Fluorescent Lamps are peak values and for 1500 ma. operation. Actual watt and lumen values in service may be somewhat lower depending upon ambient temperature conditions. Nominal watts are shown to the nearest 5 watts.


T-10J



Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life●	Approx. Initial Peak Lumens
				GE ID No. 043168-				(3 Hours Per Start) (318)	


**T-10 Approx. 1 1/4" Diameter—For 1500 Ma. Operation**

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

110	T-10	48	Recessed Double Contact 	10742	F48T10/CW	24	Cool White	9000	6700
				10745	F48T10/CWX	24	DeLuxe Cool White	9000	4650
				10743	F48T10J/CW	12	Cool White—T-14 1/2 Clear glass outer jacket	9000	6700
				10746	F48T10J/CWX	12	DeLuxe Cool White—T-14 1/2 Clear glass outer jacket	9000	4650
135		60		39157	F60T10/CW	24	Cool White	9000	8500
				40441	F60T10J/CW	12	Cool White—T-14 1/2 Clear glass outer jacket	9000	8500
160		72		10859	F72T10/CW	12	Cool White	9000	10000
				10861	F72T10/CWX	12	DeLuxe Cool White	9000	7800
				10858	F72T10J/CW	8	Cool White—T-14 1/2 Clear glass outer jacket	9000	9400
205		96		10944	F96T10/CW	12	Cool White	9000	14000
				10945	F96T10J/CW	8	Cool White—T-14 1/2 Clear glass outer jacket	9000	14000

**T-12 Approx. 1 1/2" Diameter—For 1500 Ma. Operation**

To determine approximate lamp length (base end to base end), deduct 2-3/16" from the nominal lamp length shown below.

110	T-12	48	Recessed Double Contact 	34206	F48T12/CW/1500/O	24	Cool White	10000†	6900
				41606	F48T12J/CW/1500/O	12	Cool White—T-14 1/2 Clear glass outer jacket	10000†	6600
170		72		34208	F72T12/CW/1500/O	12	Cool White	10000†	11300
				41612	F72T12J/CW/1500/O	8	Cool White—T-14 1/2 Clear glass outer jacket	10000†	10800
220		96		34210	F96T12/CW/1500/O	12	Cool White	10000†	16000
				41613	F96T12J/CW/1500/O	8	Cool White—T-14 1/2 Clear glass outer jacket	10000†	15400

● Average rated life at 3 hours per start. At 12 hours per start, average rated life is 10,500 hours.

† Average rated life at 3 hours per start. At 12 hours per start, average rated life is 12,500 hours.



## GERMICIDAL LAMPS

Nominal Lamp Watts	Bulb	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	M. O. L. (Inches)	Average Rated Life
			GE ID No. 043168-					(8 Hours Per Start)
8	T-5	Miniature Bipin	11077	G8T5	24	Clear—For use with starters	12	7500
15	T-8	Medium Bipin	11078	G15T8	24	Clear—For use with starters	18	7500
25			11082	G25T8	24	Clear—For use with starters	18	7500
30			11080	G30T8	24	Clear—For use with starters	36	7500

Nominal lamp watts, average rated life and lumen ratings shown below are for 425 ma. operation

36	T-6	Single Pin	11083	G36T6	12	Clear—Instant Start	36	7500
65			11086	G64T6	24	Clear—Instant Start	64	7500

## BLACK LIGHT FLUORESCENT LAMPS

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION	Average Rated Life
				GE ID No. 043168-				(3 Hours Per Start)

## PREHEAT FLUORESCENT LAMPS (For Use With Starters)

4	T-5	6	Miniature Bipin	10017	F4T5/BL	24	Black Light. UVA Source	6000	
				10019	F4T5/BLB	24	Black Light Blue. UVA Source. Integral Filter	6000	
9		10047		F6T5/BLB	24	Black Light Blue. UVA Source. Integral Filter	7500		
12		10077		F8T5/BLB	24	Black Light Blue. UVA Source. Integral Filter	7500		
15	T-8	18	Medium Bipin	35884	F15T8/BL	6PK	24	Black Light. UVA Source. 6-Pack	7500
				35885	F15T8/BLB	6PK	24	Black Light Blue. UVA Source. Integral Filter. 6-Pack	7500
20	T-12	24		10244	F20T12/BL	6PK	24	Black Light. UVA Source. 6-Pack	9000
				34747	F20T12/BLB	6PK	24	Black Light Blue. UVA Source. Integral Filter. 6-Pack	9000

## RAPID START—PREHEAT BLACK LIGHT FLUORESCENT LAMPS

32	T-9	12" Diam.	4-Pin	11042	FC12T9/BL	12	Black Light. UVA Source. Circline	12000
40	T-12	48	Medium Bipin	10526	F40BL	6PK	Black Light. UVA Source. 6-Pack	20000 + <sup>1</sup>
				10531	F40BLB	6PK	Black Light Blue. UVA Source. Integral Filter. 6-Pack	20000 + <sup>1</sup>

<sup>1</sup> On preheat circuits, average rated life at 3 or more burning hours per start is 15,000 hours.

## RAPID START—HIGH OUTPUT BLACK LIGHT FLUORESCENT LAMPS

85		72		37234	F72T12/BL/HO	6PK	12	Black Light. UVA Source. 6-Pack High Output. For 800 ma. operation	12000†
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† Average rated life at 3 hours per start. At 12 hours per start, average rated life is 18,000 hours.

## BLACK LIGHT/SPECIAL FLUORESCENT LAMPS

Nominal Lamp Watts	Bulb	Nominal Length (Inches)	Base	UPC-DC Vendor Item No.	Lamp Ordering Code	Std. Pkg. Qty.	DESCRIPTION (See Fluorescent Lamp Footnotes—Page 98)	Average Rated Life
				GE ID No. 043168-				(3 Hours Per Start)
39	T-12	24	Medium Bipin	11294	F24" T12/BL/S	24	Black Light / Special. UVA Source. Switch Start Maximum Current 900 ma.	(301)
85		72	Recessed Double Contact	10457	F72T12/BL/S/HO	12	Black Light / Special. UVA Source High Output. For 800 ma. operation	(301)
165				11228	F72T12/BL/S/1500	12	Black Light / Special. UVA Source High Output. For 1500 ma. operation	(301)



## Fluorescent Lamp Footnotes

301. Useful life is approximately 750 hours based on maintenance of special UVA output. Actual life is much longer.
308. When base pins or Recessed Double Contact bases are horizontal, window opening is centered in a vertical plane through lamp axis.
316. Replacement lamp for existing fluorescent street lighting and other outdoor installations. For new installations, the F72T12/HO lamp is recommended.
318. Economic life under typical operation conditions ranges between 5000 and 7500 hours.
339. For high ambient temperature applications. Nominal lamp watts and light output are peak values. Lamp requires special ballasting considerations.
343. Average rated life is 3000 hours at 45 minutes per start.
345. Nominal lamp watts and approximate lumen values shown are for 1000 ma. operation.
348. Initial lumen and wattage values shown apply to lamps which are fully stabilized. In actual service these values will not be attained unless the lamps are burned undisturbed for about 100 hours. Lamp stabilization and therefore, lamp lumens and watts, can be adversely affected by physical movement of the lamp or sudden changes in ambient temperature.

### **“WATT-MISER”® Lamp Application Recommendations**

**NOTE:** Watt-Miser Lamps are intended for use where lamp ambient temperatures are 60°F. or higher. Lamp flickering may occur where lamp ambient temperature is below 60°F. or where strong air drafts blow directly on bare bulbs.

#### **Rapid Start**

##### **“F-30” T-12 WATT-MISER Lamps**

“F-30” T-12 Watt-Miser lamps are intended for use on two-lamp indoor lead-circuit high power factor rapid start ballasts. Operation on low power factor ballasts, dimming and emergency lighting systems (unless approved by the system manufacturer) or operation on reduced current/reduced light output ballasts is not recommended.

##### **“F-40” WATT-MISER and WATT-MISER “II” Lamps**

“F-40” T-12 Watt-Miser and Watt-Miser II lamps are intended for use on single lamp and two-lamp indoor lead-circuit high power factor rapid start ballasts. Operation on low power factor ballasts, dimming and emergency lighting systems (unless approved by the system manufacturer) or operation on reduced current/reduced light output ballasts is not recommended.

#### **Instant Start**

##### **“F-48” T-12 Slimline WATT-MISER and WATT-MISER “II” Lamps**

##### **“F-96” T-8 Slimline WATT-MISER Lamps**

##### **“F-96” T-12 Slimline WATT-MISER and WATT-MISER “II” Lamps**

Slimline Watt-Miser and Watt-Miser “II” lamps are intended for use on single lamp and two-lamp indoor lead-circuit high power factor instant start ballasts. Operation on low power factor, lead-lag or reduced current/reduced light output ballasts is not recommended.

#### **Rapid Start**

##### **“F-96” T-12 High Output WATT-MISER and WATT-MISER “II” Lamps**

High Output Watt-Miser lamps are intended for use on single lamp and two-lamp indoor lead-circuit high power factor rapid start ballasts. Operation on reduced current/reduced light output ballasts is not recommended.

#### **Preheat (For Use with Starters)**

##### **“F-90” T-17 WATT-MISER Lamps**

“F-90” T-17 Watt-Miser lamps are intended for use on two-lamp indoor switch-start high power factor ballasts in open type industrial or commercial fixtures.

#### **Rapid Start**

##### **“F-48” PG-17 Power Groove WATT-MISER and WATT-MISER “II” Lamps**

##### **“F-96” PG-17 Power Groove WATT-MISER and WATT-MISER “II” Lamps**

##### **“F-96” T-12 1500 MA. WATT-MISER and WATT-MISER “II” Lamps**

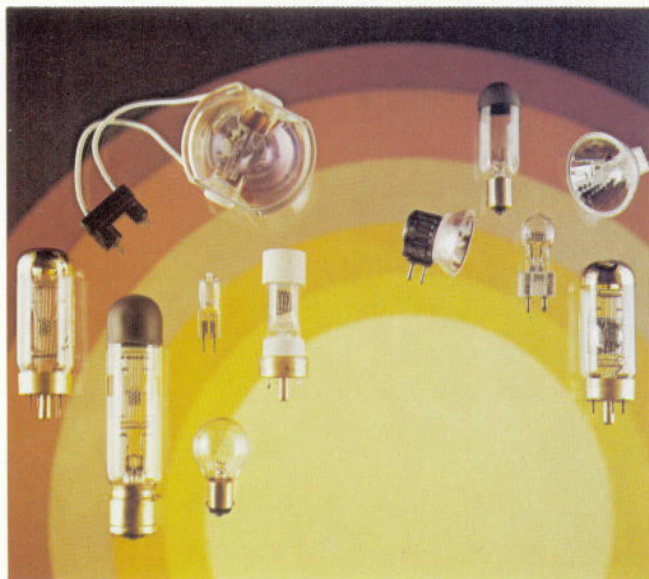
Power Groove and 1500 Ma. T-12 Watt-Miser lamps are intended for use on two-lamp indoor lead-circuit high power factor rapid start ballasts. Marginal starting may be experienced on single lamp ballasts, particularly with low primary voltage conditions.



# Product Leadership For You . . . From GE

In addition to the lamps listed and described in this catalog, GE also offers you these other high quality products to serve a wide range of application needs.

## AUDIO-VISUAL LAMPS



Over a half century of GE leadership in the photo industry has included many projection lamp innovations for new generations of projectors. GE offers a complete line of audio-visual and projection lamps for use in theaters, business and industry, including microfilm reader and reprographic applications.

## MINIATURE & SEALED BEAM LAMPS



GE can provide a full line of low voltage lamps for use in car, truck, aircraft, medical and many other applications. GE is a pioneer in the development of halogen lamps. You can see almost 25% farther down the road with halogen Power Plus<sup>™</sup> auto headlights from GE.

## BATTERIES



GE introduced the world to miniature recharging systems for batteries. Now, General Electric has designed the unique "Double Charger", especially for today's many battery-powered electronic products.

## BALLASTS



General Electric offers a complete line of ballast products for fluorescent and HID lighting systems. Special products for dimming, emergency lighting, and plastic signs are also available for new or replacement use. For high efficiency, energy-saving fluorescent lighting, specify the Maxi-Miser II system.



# GENERAL ELECTRIC LAMP SALES DISTRICTS AND DISTRIBUTION CENTERS

## SALES DISTRICTS (To Obtain Sales and Technical Information)

## DISTRIBUTION CENTERS (To Order Lamps and to Obtain Shipping Information. Local Warehouse Stocks maintained at these Points)

City	Address	ZIP No.	Area Code	Telephone No.	Address	ZIP No.	Area Code	Telephone No.
ALBANY, N.Y.	4 Avis Drive, Latham, N.Y.	12110	(518)	783-6188/89	Buffalo Distr. Ctr., 770 Riverview Blvd., Tonawanda, N.Y.	14150	(716)	874-5180
ATLANTA, GA.	120 Otley Drive, N.E.	P.O. Box 14529 30324			120 Otley Drive, N.E.	P.O. Box 14529 30324	(404)	262-6250
	Commercial & Industrial		(404)	262-6257				
	Consumer Products		(404)	262-6254				
BALTIMORE, MD.	1401 Parker Road	P.O. Box 7427 21227	(301)	242-5700	1401 Parker Road	P.O. Box 7427 21227	(301)	242-5700
BOSTON, MASS.	50 Industrial Place—P.O. Box 257,				50 Industrial Place—P.O. Box 257,			
	Newton Upper Falls, Mass.	02164	(617)	332-6200	Newton Upper Falls, Mass.	02164	(617)	332-6200
BUFFALO, N.Y.	770 Riverview Blvd., Tonawanda, N.Y.	14150	(716)	874-5180	770 Riverview Blvd., Tonawanda, N.Y.	14150	(716)	874-5180
CHARLOTTE, N.C.	1001 Tuckaseegee Rd.	28208	(704)	376-6585	1001 Tuckaseegee Rd.	P.O. Box 34144 28234	(704)	376-6585
		P.O. Box 34144 28234	(704)	376-6585				
CHICAGO, ILL.	4333 Trans World Rd., Schiller Park, Ill.	60176	(312)	671-6390	4201 South Pulaski Road	60632	(312)	254-6161
CINCINNATI, OHIO	Kenwood Professional Bldg.,				49 Central Avenue	45202	(513)	559-3600
	9403 Kenwood Road	45242						
	Commercial & Industrial		(513)	745-5730				
	Consumer Products		(513)	745-5733				
CLEVELAND, OHIO	1705 Noble Rd.	P.O. Box 2494 44112			1705 Noble Rd.	P.O. Box 2422 44112	(216)	266-4404
	Commercial & Industrial		(216)	266-4256				
	Consumer Products		(216)	266-4264				
DALLAS, TEXAS	6500 Cedar Springs Rd.	P.O. Box 35425 75235	(214)	358-5321	6500 Cedar Springs Rd.	P.O. Box 35425 75235	(214)	358-5321
DENVER, COLO.	6501 Stapleton Drive, North	80216	(303)	320-3597	6501 Stapleton Drive, North	80216	(303)	320-3597
DETROIT, MICH.	15135 Hamilton Avenue	48203	(313)	956-0200	15135 Hamilton Avenue	48203	(313)	956-0200
HOUSTON, TEXAS	1200 Blalock Road, Suite 210	77055	(713)	932-6472	7402 Neuhaus Ave.	P.O. Box 12911 77017	(713)	644-3264
INDIANAPOLIS, IND.	2511 E. 46th Street, Suite P	P.O. Box 55650 46205			Cincinnati Distr. Ctr., 49 Central Ave., Cincinnati, Ohio	45202	(513)	559-3600
	Commercial & Industrial		(317)	547-5513/14				
	Consumer Products		(317)	547-5511/12				
KANSAS CITY, MO.	535 East 14th Ave., N. Kansas City, Mo.	64116	(816)	471-0123	535 East 14th Ave., N. Kansas City, Mo.	64116	(816)	471-0123
LOS ANGELES, CALIF.	2747 South Malt Avenue	90040	(213)	725-2677	2747 South Malt Avenue	P.O. Box 22078 90040	(213)	725-2677
MEMPHIS, TENN.	2011 S. Latham St.	P.O. Box 9335 38109			2021 South Latham Street	38109	(901)	774-9045
	Commercial & Industrial		(901)	774-9016				
	Consumer Products		(901)	774-9015				
MIAMI, FLA.	3655 N.W. 71st St.	P.O. Box 470857 33147	(305)	693-3811	3655 N.W. 71st St.	P.O. Box 470857 33147	(305)	693-3811
MILWAUKEE, WIS.	8100 West Florist Ave.	P.O. Box 299 53201	(414)	462-3860	8100 West Florist Ave.	P.O. Box 299 53201	(414)	462-3860
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		P.O. Box 1278 55440	(612)	535-5151				
NEWARK, N.J.	6 Vreeland Road, Florham Park, N.J.	07932			133 Boyd Street	P.O. Box 439 07101	(201)	622-8000
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	Mail: P.O. Box 10236, Jefferson, Louisiana	70181	(504)	733-9200				
NEW YORK, N.Y.	215 Lexington Avenue	10016			75-11 Woodhaven Boulevard, Glendale, N.Y.	11227	(212)	896-6000
	Commercial & Industrial		(212)	750-3028				
	Consumer Products		(212)	750-2180				
NEW YORK, N.Y.	100 Elwood Davis Rd., N. Syracuse, N.Y.	13212	(315)	456-2975	75-11 Woodhaven Boulevard, Glendale, N.Y.	11227	(212)	896-6000
NEW YORK, N.Y.	26-45 Brooklyn Queens Expway, Woodside, N.Y.	11377	(212)	896-6000	999—98th Avenue	P.O. Box 24354 94623	(415)	436-9433
OAKLAND, CALIF.	999—98th Avenue	P.O. Box 24354 94623						
	Commercial & Industrial		(415)	436-9450				
	Consumer Products		(415)	436-9470				
PHILADELPHIA, PA.	1000 Continental Drive—P.O. Box 299,				1000 Continental Rd.—P.O. Box 299,			
	King of Prussia, Pa.	19406	(215)	964-2900	King of Prussia, Pa.	19406	(215)	688-5900
PITTSBURGH, PA.	600 N. Bell Avenue, Carnegie, Pa.	15106			575 Epsilon Dr.	P.O. Box 2801 15230	(412)	665-3750
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		P.O. Box 26548 84125						
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SYRACUSE, N.Y.	100 Elwood Davis Road, N. Syracuse, N.Y.	13212	(315)	456-2975	Buffalo Dist. Ctr., 770 Riverview Blvd., Tonawanda, N.Y.	14150	(716)	874-5180
TAMPA, FLA.	11101 North 46th St.	P.O. Box 16626 33617	(813)	988-7351	11101 North 46th St.	P.O. Box 16626 33617	(813)	988-7351
	Commercial & Industrial		(813)	988-7351				
				Ext. 37/38				Ext. 37/38
	Consumer Products		(813)	988-7351				
WASHINGTON, D.C.	1401 Parker Rd.—P.O. Box 7427,				Baltimore Distr. Ctr., 1401 Parker Rd.	P.O. Box 7427 21227	(301)	242-5700
	Baltimore, Md.	21227	(301)	864-6105				

In addition to the Sales District Headquarters cities listed above, GE Lamp Sales Representatives are resident in 100 other cities. Consult your telephone directory under General Electric Company Lighting Business Group.

## GENERAL ELECTRIC COMPANY LIGHTING BUSINESS GROUP

GENERAL OFFICES: NELA PARK, CLEVELAND, OHIO 44112