

Stage and Studio Lamps

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Incandescent

Halogen

High Intensity
Discharge

Fluorescent

Compact
FluorescentLED Lamps
and Systems

Stage and Studio

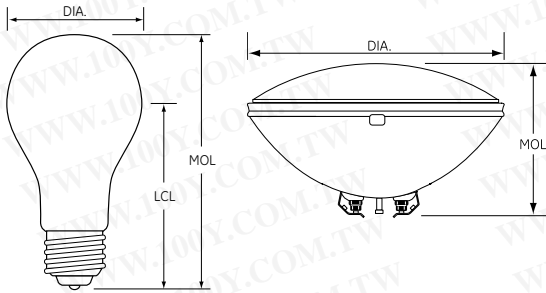
Miniature and
Sealed Beam

Projection

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Stage and Studio Lamps

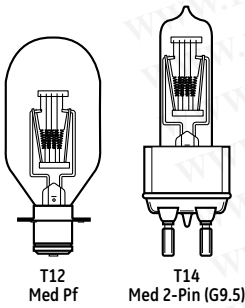
Bulb Identification



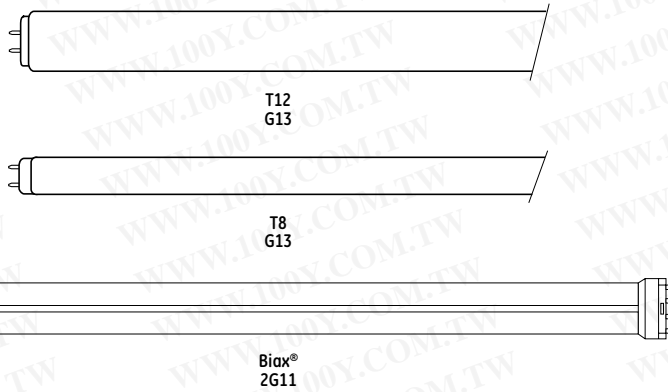
DIA: Diameter of bulb at widest point.
 MOL: Maximum Overall Length including base or pins.
 LCL: Distance between the center of the arc tube and the Light Center Length reference plane.
 Note: Lamp drawings are not drawn to scale. Be sure to check size and dimension information when identifying each lamp.

To convert inches to millimeters, multiply the dimension (in inches) by 25.4 (i.e. 1.5" x 25.4 = 38.1 mm).

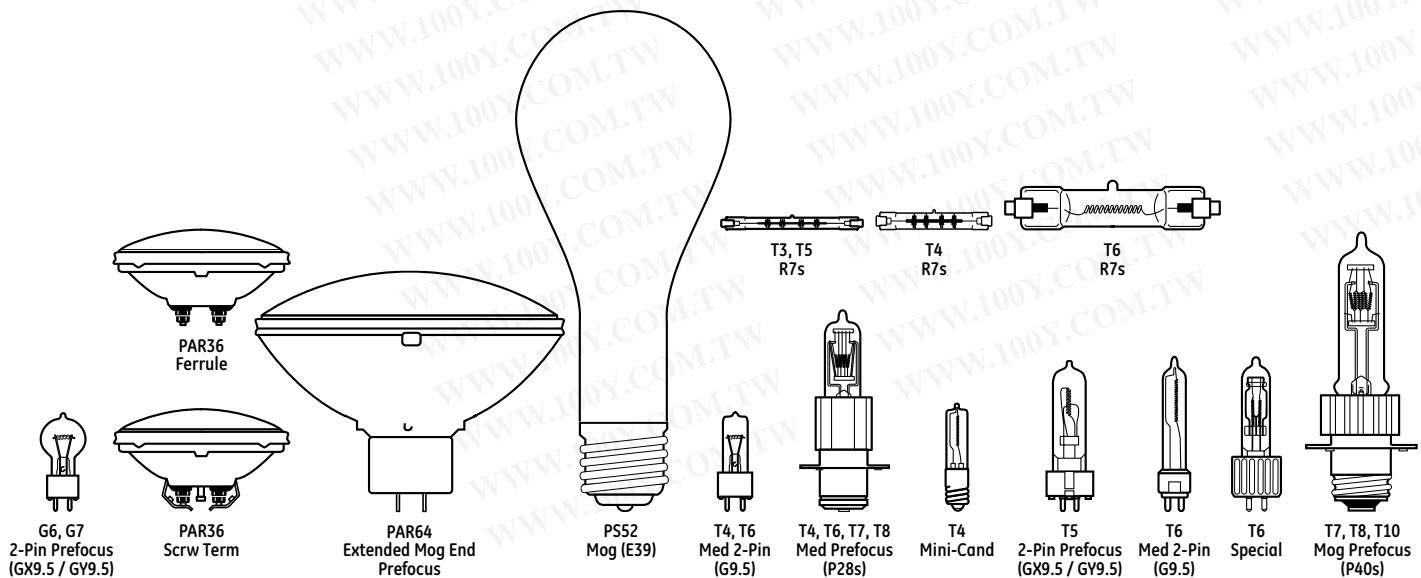
Lamp Locator



Incandescent Lamps



Fluorescent Cinema Lamps

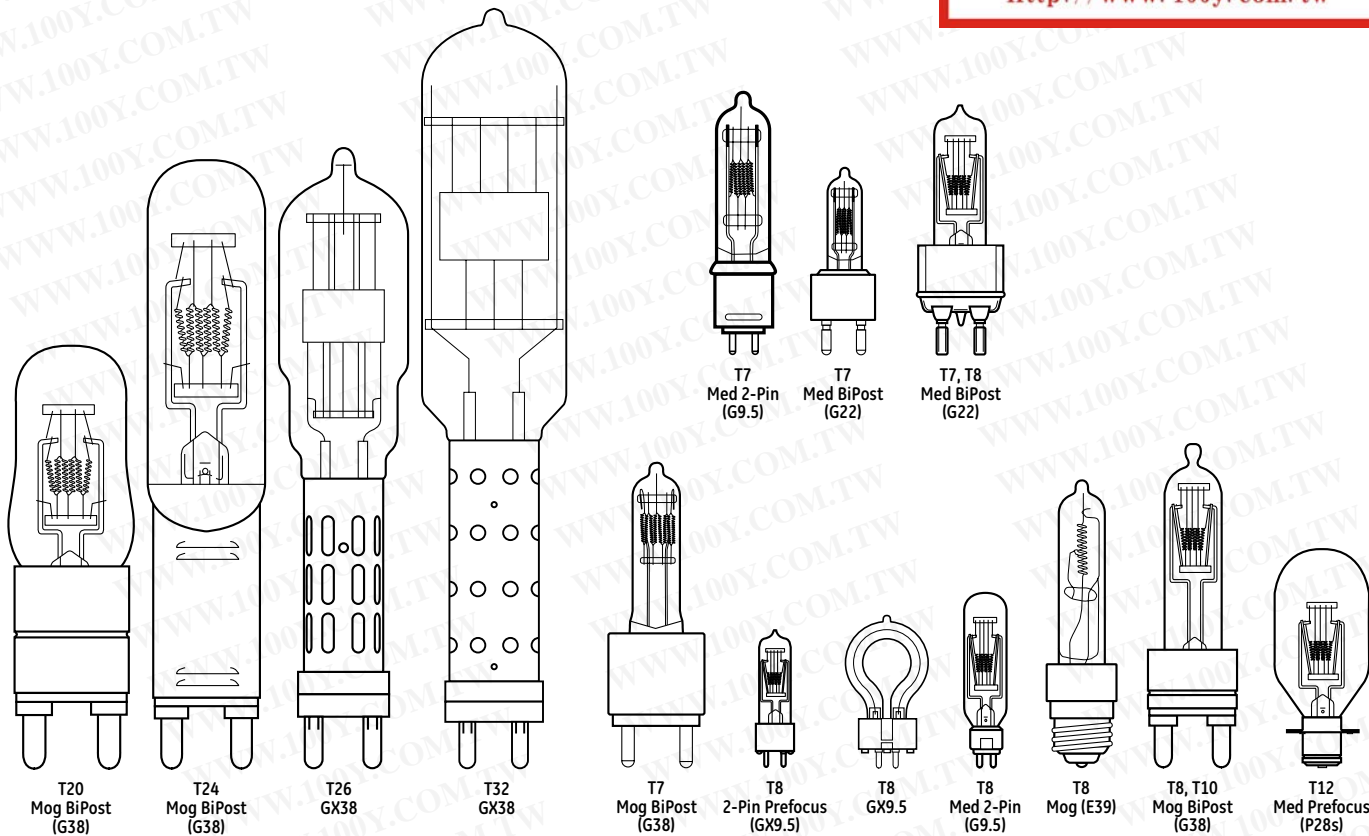


Quartzline® Tungsten Halogen

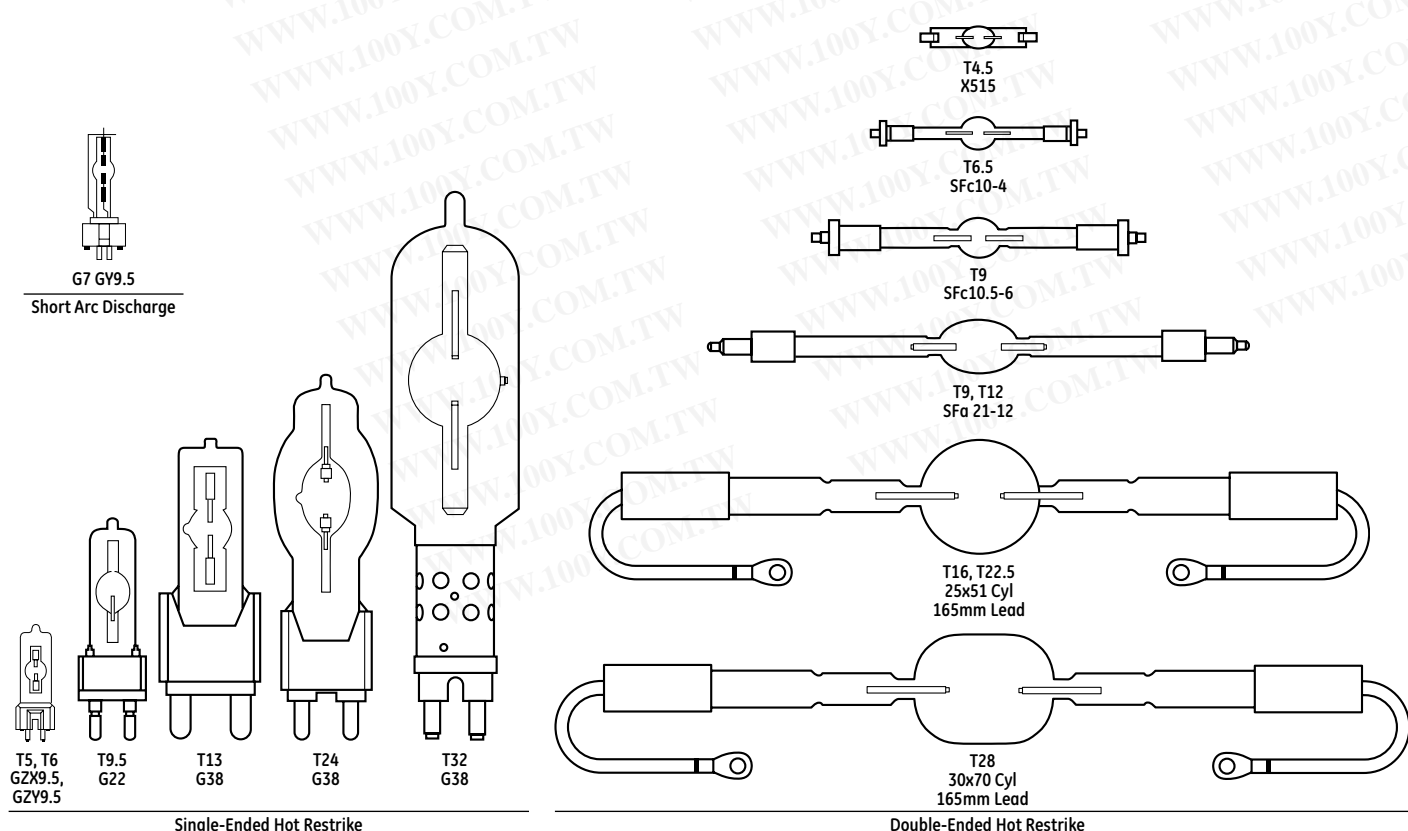
勝特力材料 886-3-5753170
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Lamp Locator (continued)



Quartzline® Tungsten Halogen (continued)



Incandescent

Halogen

High Intensity Discharge

Fluorescent

Compact Fluorescent

LED Lamps and Systems

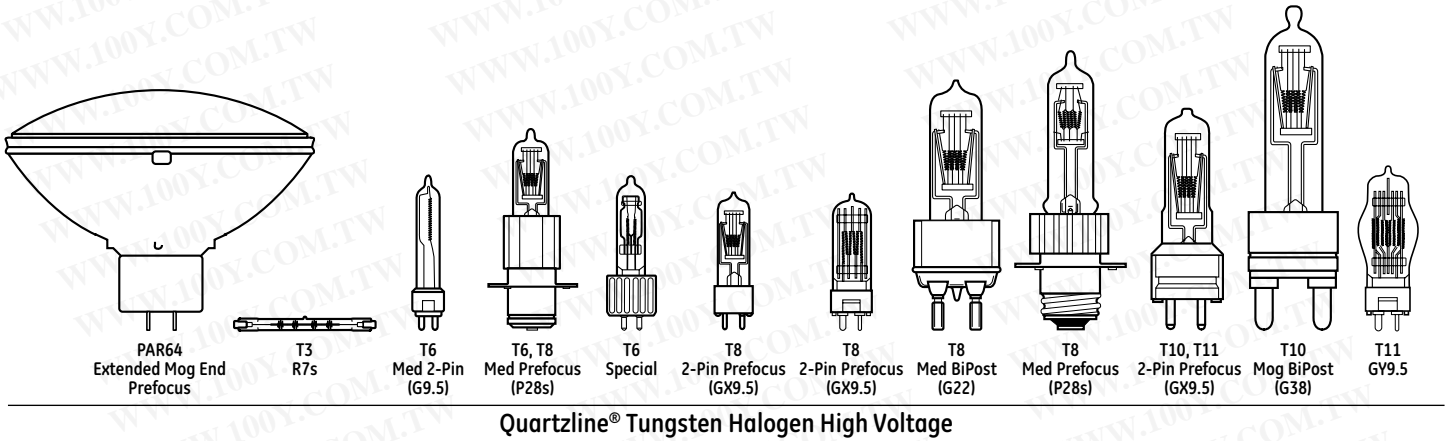
Stage and Studio

Miniature and Sealed Beam

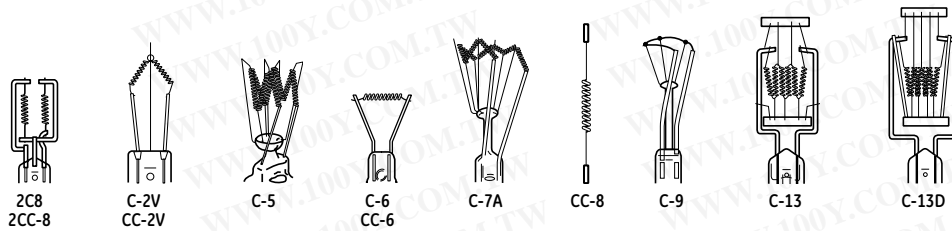
Projection

Stage and Studio Lamps

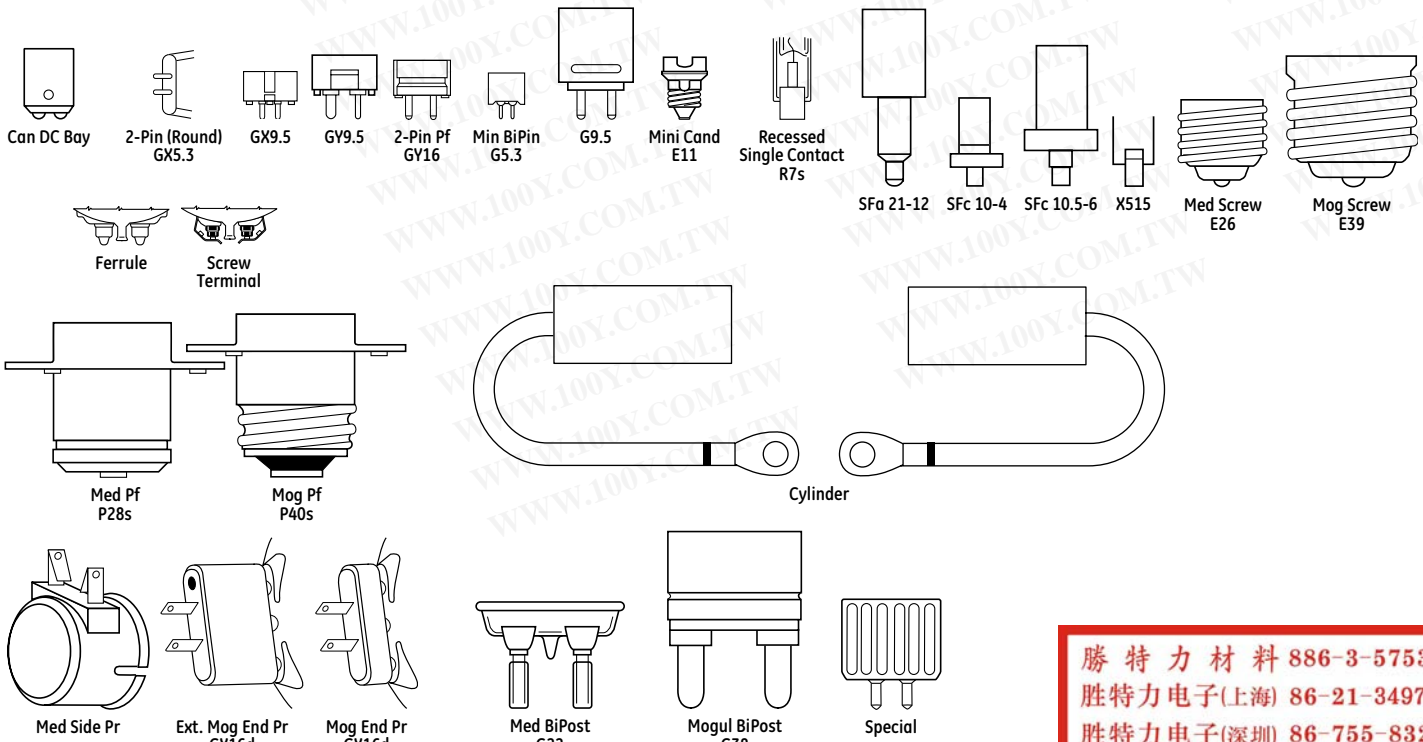
Lamp Locator (continued)



Filament Identification



Base Identification



For the most up-to-date product information, see www.gelighting.com.

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Introduction

GE has been a leading supplier to stage and studio users for many decades, and continues its pioneering work in the development of new and innovative light sources.

The primary change in recent years has been the migration from glass to quartz as the standard bulb material. The higher melting point of quartz enables bulb envelopes to be reduced in size and the halogen fillings to be run at higher pressures, leading to smaller, lighter, brighter, more energy-efficient and more reliable lamps.

GE's comprehensive range of single- and double-ended lamps is complemented by a group of PAR lamps, where the light source is enclosed in a sealed reflector unit.

The beam patterns of PAR lamps range from very narrow spot to wide-angle floods. This ensures consistency from lamp to lamp, interchangeability to suit the beam pattern needs of the moment and instant replaceability without the need to refocus and re-aim fixtures.

The sealed beam design prolongs the life of the inner lamp as well as protecting it from dust, vapor and other hazards, thereby ensuring high lumen maintenance over the life of the lamp.

PAR lamps may be used with very simple, lightweight, economical fixtures.

General Information

Operational Characteristics

Quartz halogen lamps are designed to be operated within close voltage tolerances, and excessive voltage can lead to drastically shortened life, albeit with significantly higher light output.

A second important variable is temperature. The tungsten halogen cycle does not operate properly below about 482°F (250°C) and quartz may begin to devitrify above about 1832°F (1000°C). Bulb envelopes should therefore be held in the range 482-1472°F (250-800°C).

The contact pins are plated to ensure good electrical connection with the lampholder. However, at temperatures above 350°C, the plating may lose adhesion, leading to deterioration in contact and possibly local hot spots, arcing and consequent irreparable damage to both lamp and holder. Note that if there is evidence that this has occurred, the lampholder should be replaced before the next lamp is fitted, otherwise it is likely to fail prematurely for the same reason.

Lamps normally fail by fusing of the filament. This is often followed by arcing, leading to very high currents which can cause the envelope and seals to fail and the lamp to shatter. A quick-acting, high-breaking capacity fuse should therefore be connected to the supply line in all applications. Suitable types are given in IEC 127, 241 and 269.

Chromised Seal Protection

Many Quartzline® Stage/Studio lamps have a special chromised seal protection, which allows lamp seal temperatures up to 500° C (vs traditional 350° C), which increases life and reliability.



If the package does not have this seal, lamp base temperatures for Quartzline® lamps should not exceed 350°C because, above that point, lead wires in the sealing area will deteriorate, and base cement can loosen, both causing premature lamp failure. Note overvoltageing a lamp will increase the seal heat.

Lamp Codes

GE Stage & Studio lamps are coded as such:

Lamp Description. This may be either an American National Standards Institute (ANSI) three-letter code such as EJJ, or a descriptive code in the general form Q750T3/4CL. ANSI codes are assigned to lamp specifications—mechanical, electrical and photometric characteristics—filed with the Institute.

They ensure interchangeability among similarly coded lamps from different manufacturers. Most of these lamps are rated for 120-volt operation. In a few cases a pair of ANSI codes are given (e.g. BFL/BFK), where the first is the official code for the lamp and the second code describes lamps the specifications of which are met or exceeded. In such cases, the lamps may be used to replace lamps with either code.

Base designations conform to IEC standards.

Product Information

GE CSR/CSD Metal Halide Lamps

New GE range of metal halide lamps for use in a variety of applications including TV and film, stage, concerts, photographic and large-screen presentation and color simulation.

- Excellent color rendering Ra >90
- Daylight color temperature, typically 6000K
- Universal burning position
- High efficiency up to 100 Lm/Watt
- Hot restrike and dimmable with stable color temperature
- Superior color stability
- Excellent lumen maintenance
- Use with electronic or AC magnetic ballast/ignitor control gear
- Applications include inside and outside TV and film production, stage, concerts, sporting events, photographic studios, overhead and large-screen projection and color simulation.

GE Cinema Fluorescent Lamps

- High CRI (Color Rendering Index)...traditional fluorescent lamps have not been widely used in photography and film making because of relatively low CRI and the prominent green spike found in typical fluorescent phosphors. GE Lighting Cinema 32 and Cinema 55 lamps have corrected these deficiencies with products that now have a CRI of 95 (out of 100 max.) and colors that respond to the spectral sensitivity curves of film and electronic imaging media.
- Optional Shatter Resistance...GE Cinema 32 and 55 offer the option of GE's exclusive *covRguard*® shatter resistance that helps contain glass fragments if the lamps are broken. Reduce the possibility of glass-related injuries to irreplaceable talent, damage to expensive sets, contamination of delicate equipment or missing critical deadlines because GE offers shatter resistance. GE's *covRguard*® process wraps the Cinema lamps in a full 15-ml-thick casing of GE's exclusive Lexan® polycarbonate that helps contain the glass, phosphor and chemicals if the lamp is broken. Unlike some other shatter-resistant lamps, GE's *covRguard*® lamps require no assembly.

Product Information (continued)

- Superior Light Output...the GE covRguard® process offers maximum protection with minimal light loss...the lowest loss of initial light of other shielded products.
 - Dependable UV Blocking...the GE covRguard® process also offers excellent UV blocking. CovRguard® blocks 98% of the UV that is normally transmitted from an unprotected fluorescent lamp—all UVC, all UVB and most of UVA. This is critical for protecting expensive sets and wardrobe from the fading effects of UV exposure.
 - Chromaticity...the Cinema 32 has a chromaticity of X=.415 and Y=.377 with a CRI of 95. The Cinema 32 mixes well with both incandescent and quartz halogen light sources without color corrections. The Cinema 55 is a broad band spectrum daylight lamp with a chromaticity of X=.325 and Y=.321 and a CRI of 96. The Cinema 55 mixes well with ambient daylight and short arc discharge HID light sources without color corrections.
- For more detailed information on all GE Stage and Studio lighting order "Showbiz™" 2008, PC 72475 from your GE sales representative.

Headings in this catalog section

The following terms and descriptions can help you when checking Stage/Studio lamp specifications and when ordering products. Within each product line, lamps are divided into families, within these families, lamps are then listed by wattage.

| | | | |
|---|--|---|--|
| Watts: Energy used. To find actual energy used (kWh) multiply power (watts shown) x time divided by 1000. | LIF Code: These are assigned by the Lighting Federation of London, U.K. They ensure electrical and mechanical interchangeability of similarly coded lamps. LIF codes are divided into groups according to the primary application of the lamps. | Approximate MBCP (Maximum Beam Candlepower): For reflector type lamps. Center Beam Candlepower is the intensity (candelas) at the center or maximum intensity of the beam. | Filament Type: Filaments are designated by a letter combination in which C is a coiled wire filament, CC is a coiled wire that is itself wound into a larger coil, and SR is a straight ribbon filament. Numbers represent the type of filament-support arrangement. |
| Bulb Shape: Bulb shape followed by its size (the maximum diameter of the bulb expressed in eighths of an inch). | Description: The lamp's identification code. | Design Color Temperature – Kelvins (K): A measure of the visual "warmth" or "coolness" of the light from the lamp. The higher the value, the whiter or "cooler" the light appears. | MOL (in): Maximum Overall Length in inches. |
| Base: The type of base (ANSI). | ANSI Codes: These are 3-letter codes assigned by the American National Standards Institute. They provide a system of assuring mechanical and electrical interchangeability among similarly coded lamps from various manufacturers. General Electric uses the assigned ANSI Codes as Lamp Ordering Codes for most Projection Lamps. | Color Rendering Index (CRI): An indication of the ability of the lamp to render object colors in a normal, natural way. The higher the number (0-100), the better the color appearance. | Light Center Length (LCL): This dimension defines the location of the filament in relation to the base. It is measured from the geometric center of the filament to a specified point on, or plane through, the base. Light Center Length is subject to manufacturing tolerances. Reference points/planes from which LCL is measured are tabulated on page 7-4 for the various styles of lamp bases. |
| Volts: Lamp data is based on operation at rated voltage. | Pack/Case Quantity: Number of product units packed in a pack or case. | Initial Lumens: Initial light output. | Beam Spread: For reflector-type lamps. The total angle of the directed beam (in degrees) to where the intensity of the beam falls to 50% or 10% of the maximum value as indicated. |
| Order Code: It is important to use this five-digit code when ordering to ensure that you receive the exact product you require. | Footnotes and Safety Notices: See pg 7-12 for information. | | |

| Watts | Bulb Shape | Base | Volts | Order Code | LIF Code | Description | ANSI Codes | Pack Qty | Initial Lumens | MBCP | Design Color Temp K | CRI | CIE x | Color y | Arc Length (mm) | Filament Type | MOL (in) | LCL (in) | Beam Spread 50% | | Rated Life (hrs) | Burning Position | Footnotes and Safety Notices |
|-------|------------|---------------|-------|------------|----------|------------------|------------|----------|----------------|------|---------------------|-----|-------|---------|-----------------|---------------|----------|----------|-----------------|---|------------------|------------------|------------------------------|
| | | | | | | | | | | | | | | | | | | | H | V | | | |
| 500 | T6 | Med PF (P28s) | 120 | 11966 | T17 | BTL-Q500 T6/CL/P | | 6 | 5500 | | 3200 | | | | | CC-2V | 2.43 | 1.37 | | | 50 | | 12 |

BTL-Q500 T6/CL/P

Identifies the lamp ANSI code.
 Identifies the lamp's wattage. Q=Quartz Halogen
 Identifies the lamp shape and the bulb diameter in eighths of inches.

WHEN YOU DON'T KNOW THE LAMP DESCRIPTION

1. Identify bulb shape by using tables on page 7-2.
2. Measure bulb diameter using ruler in Appendix section page D-1 to determine width in eighths of an inch.
3. Identify base type using table on page 7-4.
4. Find your lamp in the table containing the bulb shape, size and base.

| Watts | Bulb Shape | Base | Volts | Order Code | LIF Code | Description | ANSI Code | Pack Qty | Initial Lumens | Design Color Temp K | Rated Life (hrs) | Filament Type | MOL (in) | Burning Position | Footnotes and Safety Notices | | |
|-----------------------------|------------|----------------|----------------|------------------|--------------------|------------------|------------------------|----------|----------------|---------------------|------------------|---------------|----------|------------------|------------------------------|-------|------|
| Halogen Double-Ended | | | | | | | | | | | | | | | | | |
| 300 | T-4 | R7s | 120 | 43705 | | Q300T4/CL | EHP | 6 | 5650 | 2900 | 2000 | CC-8 | 3.13 | Any | 62 | | |
| | T-3 | | | 43703 | | Q300T3/CL | EHM | 6 | 5950 | 2950 | 2000 | C-8 | 4.69 | H4 | 62 | | |
| 350 | T-2 | 43704 | | | Q300T3 | EHZ | 6 | 5900 | 2950 | 2000 | C-8 | 4.69 | H4 | 62,15 | | | |
| | | 20881 | | | FDf/HIR-Q350T2/4CL | | 6 | 13250 | 3200 | 400 | C-8 | 4.69 | H4 | 62 | | | |
| | T-3 | 13894 | | | Q350T3/HIR | | 6 | 10000 | 3000 | 2000 | C-8 | 4.69 | H4 | 62 | | | |
| 375 | T-4 | | | 30 | 29578 | A1/266 | DWZ(30V) | DWZ | 24 | 7500 | 3000 | 1000 | CC-8 | 3.13 | Any | 62 | |
| 420 | T-4 | 120 | | 30276 | | FFM | FFM | 24 | 11000 | 3200 | 75 | CC-8 | 3.13 | Any | 62 | | |
| | | | | 23731 | | Q500T3/CL | FCL | 12 | 11100 | 3000 | 2000 | C-8 | 4.69 | H4 | 62 | | |
| | | | | 23744 | | Q500T3/CL/6 | | 12 | 10950 | 2950 | 1500 | C-8 | 4.69 | H4 | 62 | | |
| | | | | 23735 | P2/30 | FDf-Q500T3/4CL | FDf | 12 | 13250 | 3200 | 400 | C-8 | 4.69 | H4 | 62 | | |
| | | | | 23734 | P2/31 | FDN-Q500T3/4 | FDN | 12 | 12800 | 3200 | 400 | C-8 | 4.69 | H4 | 62,15 | | |
| 500 | T-3 | 130 | | 23733 | | Q500T3/CL | DVS | 12 | 10550 | 3000 | 2000 | C-8 | 4.69 | H4 | 62 | | |
| | | | 600 | T-4 | 120 | 29598 | A1/228 | FCB | FCB | 24 | 17000 | 3250 | 75 | CC-8 | 3.75 | Any | 62,4 |
| | | | 650 | T-4 | 30325 | P2/6 | FAD-Q650T4/4CL | FAD | 24 | 16500 | 3200 | 100 | CC-8 | 3.13 | Any | 62 | |
| | | | | | 30343 | P2/6 | FBX-Q650T4/4 | FBX | 24 | 16500 | 3200 | 100 | CC-8 | 3.13 | Any | 62,15 | |
| | T-3 | | 13895 | - | FCM/HIR-Q650T3/4 | FCM | 6 | 25200 | 3275 | 400 | C-8 | 4.69 | H4 | 62,52 | | | |
| 675 | T-3 | | | 20884 | - | FFT/HIR-Q675T3/4 | - | 6 | 26400 | 3250 | 400 | C-8 | 6.56 | H4 | 62,52 | | |
| | | 750 | T-3 | 23756 | - | EJG-Q750T3/4CL | EJG | 12 | 20600 | 3200 | 400 | C-8 | 4.69 | H4 | 62 | | |
| 23755 | - | | | EMD-Q750T3/4 | EMD | 12 | 19500 | 3200 | 400 | C-8 | 4.69 | H4 | 62,15 | | | | |
| 800 | T-4 | 230 | 36952 | P2/13 | DXX | DXX | 24 | 21400 | 3200 | 75 | CC-8 | 3.13 | Any | 62 | | | |
| | | | 240 | 36953 | P2/13 | DXX | DXX | 24 | 21400 | 3200 | 75 | CC-8 | 3.13 | Any | 62 | | |
| 1000 | T-5 | 120 | 30157 | | DXW-Q1000T5/4CL | DXW | 24 | 28000 | 3200 | 150 | CC-8 | 3.75 | Any | 62,27 | | | |
| | | | 30374 | | FBY-Q1000T5/4 | FBY | 24 | 26000 | 3200 | 150 | CC-8 | 3.75 | Any | 62,15 | | | |
| | | | 29604 | | BRH | BRH | 24 | 30000 | 3350 | 75 | CC-8 | 3.75 | Any | 62 | | | |
| | | | 23800 | | DWT-Q1000T6/CL | DWT | 6 | 23400 | 3000 | 2000 | CC-8 | 5.63 | Any | 62 | | | |
| | | | 33760 | | FER-Q1000T6/4CL | FER | 6 | 27500 | 3200 | 500 | CC-8 | 5.63 | Any | 62 | | | |
| | | | T-6 | 23797 | P2/28 | FCM-Q1000T3/4CL | FCM | 12 | 28000 | 3200 | 400 | C-8 | 4.69 | H4 | 62 | | |
| | | | T-3 | 23792 | P2/29 | FHM-Q1000/T3/4 | FHM | 12 | 27300 | 3200 | 400 | C-8 | 4.69 | H4 | 62,15,31 | | |
| | | | | 33280 | - | FFT-Q1000T3/1CL | FFT | 12 | 26400 | 3200 | 400 | C-8 | 6.56 | H4 | 62 | | |
| | | | | 185 | 23788 | - | EJD-Q1000T3/3CL (185V) | EJD | 12 | 33600 | 3350 | 100 | C-8 | 4.69 | H4 | 62,52 | |
| | 1500 | | T-4 | 120 | 23841 | - | FDB-Q1500T4/4CL | FDB | 12 | 41250 | 3200 | 400 | C-8 | 6.56 | H4 | 62 | |
| 41229 | | - | | | FGT-Q1500T4/4 | FGT | 12 | 40200 | 3200 | 400 | C-8 | 6.56 | H4 | 62,15 | | | |
| 2000 | T-10 | | | 88629 | P2/27 | FEY-Q2000T8/4CL | FEY | 12 | 57000 | 3200 | 400 | CC-8 | 5.63 | H4 | 62 | | |
| Halogen Single-Ended | | | | | | | | | | | | | | | | | |
| 30 | T-3.5 | G5.3 | 10.8 | 37346 | | DZA | DZA | 24 | 530 | 3100 | 400 | C-6 | 2.00 | BDTHCH | 62 | | |
| 105 | T-4 | G5.3 | 120 | 19678 | | FVM | FVM | 24 | 2200 | 3200 | 250 | CC-8 | 2.36 | Any | 62 | | |
| | | | | 14119 | | FEV-Q200/4CL/DC | FEV | 6 | 5500 | 3200 | 50 | CC-2V | 2.44 | Any | 62 | | |
| 200 | T-4 | BA15d | | 19679 | | FVL | FVL | 24 | 5200 | 3200 | 200 | CC-8 | 2.36 | Any | 62 | | |
| | | G5.3 | | 11548 | | Q235T4/3 | | 12 | 6000 | 3125 | 150 | CC-6 | 2.50 | BDTHCH | 62 | | |
| 235 | T-4 | G29.5 | 33 | 11548 | | Q235T4/3 | | 12 | 6000 | 3125 | 150 | CC-6 | 2.50 | BDTHCH | 62 | | |
| 250 | G-6 | G5.3 | 120 | 13617 | | EYH/FKT | EYH | 24 | 6000 | 3000 | 200 | CC-6 | 2.50 | BDTHCH | 62 | | |
| 300 | T-8 | GY9.5 | 120 | 39781 | CP81 | FKW-Q300T8 | FKW | 24 | 6900 | 3200 | 50 | C-13 | 3.54 | BDTH | 62 | | |
| 375 | T-6 | G9.5/Heat Sink | 115 | 88540 | | HPL375/C 115V | | 12 | 10540 | 3250 | 300 | 4-C8 | 4.17 | Any | 62 | | |
| | | | | 88539 | | HPL375/LL/C 115V | | 12 | 8000 | 3050 | 1000 | 4-C8 | 4.17 | Any | 62 | | |
| 420 | G-7 | GY9.5 | 120 | 33934 | | EKB-Q420/4CL/2PP | EKB | 24 | 11000 | 3200 | 75 | CC-6 | 2.50 | ANYCH | 62 | | |
| 500 | G-6 | G5.3 | 120 | 33663 | | FBG/FBD | FBG | 24 | 13200 | 3200 | 50 | CC-6 | 3.00 | ANYCH | 62 | | |
| | | | | 88624 | | EHD-Q500CL/TP | EHD | 24 | 10,000 | 2900 | 2000 | CC-8 | 4.13 | Any | 62 | | |
| | T-6 | G9.5 | 88628 | | EHC-Q500/5CL | EHC | 24 | 12,700 | 3150 | 500 | CC-8 | 4.13 | Any | 62 | | | |
| | | | 88467 | CP82 | FRG-Q500T8 | FRG | 24 | 13000 | 3200 | 150 | C-13 | 3.54 | BDTH | 62 | | | |
| | T-8 | GY9.5 | 88509 | | EGN-Q500T8 | EGN | 12 | 13000 | 3200 | 150 | C-13 | 5.51 | BDTH | 62 | | | |
| | | | G22 | 88547 | T17 | BTL-Q500T6/CL/P | BTL | 12 | 11000 | 3000 | 500 | C-13 | 5.25 | BDTH | 62 | | |
| | T-6 | P28s | 88546 | - | BTM-Q500T6/4CL/2P | BTM | 12 | 13000 | 3200 | 150 | C-13 | 5.12 | BDTH | 62 | | | |
| | | | 88617 | - | EGE-Q500CL/P | EGE | 12 | 10450 | 2950 | 2000 | CC-8 | 6.00 | Any | 62 | | | |
| | 39134 | - | EGC-Q500/5CL/P | EGC | 12 | 12700 | 3150 | 500 | CC-8 | 6.00 | Any | 62 | | | | | |
| | 550 | T-6 | G9.5/Heat Sink | 77 | 88534 | | HPL550/C 77V | | 12 | 16170 | 3250 | 300 | 4-C8 | 4.17 | Any | 62 | |
| 575 | T-6 | G9.5 | 115 | 88548 | | FLK-Q575T6 | FLK | 24 | 16500 | 3200 | 300 | CC-8 | 4.13 | Any | 62 | | |
| | | | | 88452 | | FLK/LL-Q575T6 | | 24 | 12800 | 3100 | 1500 | CC-8 | 4.13 | Any | 62 | | |
| | | | | 88424 | | GLA-Q575T6/4CL | GLA | 24 | 13000 | 3050 | 1500 | C-13D | 4.13 | Any | 62 | | |
| | | | | 88423 | | GLC-Q575T6/5CL | GLC | 24 | 14500 | 3200 | 300 | C-13D | 4.13 | Any | 62 | | |
| | | | | 88438 | | HPL575/C 115V | | 12 | 16500 | 3200 | 300 | 4-C8 | 4.17 | Any | 62 | | |
| | | G9.5/Heat Sink | 120 | 88435 | | HPL575/LL/C 115V | | 12 | 12360 | 3050 | 2000 | 4-C8 | 4.17 | Any | 62 | | |
| | | | | 88436 | | HPL575/C 120V | | 12 | 16520 | 3200 | 300 | 4-C8 | 4.17 | Any | 62 | | |
| | | 88434 | | HPL575/LL/C 120V | | 12 | 12360 | 3050 | 2000 | 4-C8 | 4.17 | Any | 62 | | | | |
| | | 230 | 88478 | | 88478 | | HPL575 | | 12 | 14900 | 3200 | 300 | 6-C8 | 4.17 | Any | 62 | |
| | | | 88476 | | 88476 | | HPL575-X LL | | 12 | 11780 | 3050 | 1500 | 6-C8 | 4.17 | Any | 62 | |

Stage and Studio Lamps

| Watts | Bulb Shape | Base | Volts | Order Code | LIF Code | Description | ANSI Code | Pack Qty | Initial Lumens | Design Color Temp K | Rated Life (hrs) | Filament Type | MOL (in) | Burning Position | Footnotes and Safety Notices | |
|---|----------------|-------|-------|------------|-----------|---------------------|--------------------|---------------------|----------------|---------------------|------------------|---------------|----------|------------------|------------------------------|------|
| Halogen Single-Ended (continued) | | | | | | | | | | | | | | | | |
| 600 | G-7 | G5.3 | 120 | 30364 | | DYH | DYH | 24 | 17000 | 3200 | 75 | CC-6 | 2.50 | ANYCH | 62 | |
| | T-5 | GY9.5 | | 88504 | | FMR-Q600T5 | FMR | 24 | 12600 | 3050 | 2000 | CC-8 | 3.35 | BDTHCH | 62 | |
| | G-7 | G29.5 | | 32955 | A1/264 | DYS/DVV/BHC | DYS | 24 | 17000 | 3200 | 75 | CC-6 | 2.50 | BDTHCH | 62 | |
| 650 | G-6 | G5.3 | 240 | 30304 | | DVY | DVY | 24 | 20000 | 3300 | 25 | CC-6 | 2.50 | BDTHCH | 62 | |
| | | GX9.5 | | 34328 | | EKD-Q650/3CL/2PP | EKD | 24 | 20000 | 3300 | 25 | CC-6 | 2.50 | BDTHCH | 62 | |
| | T-8 | GY9.5 | | 88462 | CP89 | FRK-Q650T8 | FRK | 24 | 16900 | 3200 | 200 | C-13 | 3.54 | BDTH | 62 | |
| 750 | T-6 | G9.5 | 115 | 88427 | | GLD-Q750T6/4CL | GLD | 24 | 19000 | 3200 | 300 | C-13D | 4.13 | Any | 62 | |
| | | | | 88426 | | GLE-Q750T6/4CL | GLE | 24 | 17400 | 3050 | 1500 | C-13D | 4.13 | Any | 62 | |
| | | | | 88437 | | HPL750/C 115V | | 12 | 22000 | 3200 | 300 | 4-C8 | 4.17 | Any | 62.7 | |
| | | | | 88428 | | HPL750/LL/C | | 12 | 16400 | 3050 | 2000 | 4-C8 | 4.17 | Any | 62.7 | |
| | T-7 | G9.5 | 120 | 88626 | | EHG-Q750CL/TP | EHG | 24 | 15000 | 3000 | 2000 | CC-8 | 4.13 | Any | 62 | |
| | | | | 88627 | | EHF-Q750/4CL | EHF | 24 | 20000 | 3200 | 300 | CC-8 | 4.13 | Any | 62 | |
| | | | | 39680 | | BWM-Q750T7/4CL/TP | BWM | 6 | 21000 | 3200 | 200 | C-13D | 4.50 | BDTH | 62.1 | |
| | T-6 | P28s | 230 | 88621 | | EGR-Q750T7/4CL | EGR | 12 | 21000 | 3200 | 200 | C-13D | 5.00 | BDTH | 62.1 | |
| | | | | 88605 | - | BTN-Q750T7/CL/2P | BTN | 12 | 17600 | 3050 | 500 | C-13D | 4.75 | BD30 | 62.1 | |
| | | | | 88606 | - | BTP-Q750T7/4CL/2P | BTP | 12 | 21000 | 3200 | 200 | C-13D | 4.75 | BD30 | 62.1 | |
| | G9.5/Heat Sink | P28s | 230 | 88619 | - | EGG-Q750CL/P | EGG | 12 | 15750 | 3000 | 2000 | CC-8 | 6.00 | Any | 62 | |
| | | | | 88618 | - | EGF-Q750/4CL/P | EGF | 12 | 20400 | 3200 | 300 | CC-8 | 6.00 | Any | 62 | |
| | | | | 88474 | | HPL750 | | 12 | 19750 | 3200 | 300 | 6-C8 | 4.17 | Any | 62.7 | |
| | 1000 | T-6 | G9.5 | 120 | 88625 | CP77 | FEL-Q1000/4CL | FEL | 24 | 27500 | 3200 | 300 | CC-8 | 4.13 | Any | 62 |
| | | | | | 39792 | | BWN-Q1000T7/4CL/TP | BWN | 24 | 28500 | 3200 | 250 | C-13D | 4.50 | BDTH | 62.1 |
| 88622 | | | | | | EGT-Q1000T7/4CL | EGT | 12 | 28500 | 3200 | 250 | C-13D | 5.00 | BDTH | 62.1 | |
| PS-52 | | E39 | 230 | 88630 | | CYV-Q1000T7/4CL/BP | CYV | 6 | 28500 | 3200 | 200 | C-13D | 8.00 | BDTH | 62.1 | |
| | | | | 39582 | - | DKZ/DSE-Q1000P552/4 | DKZ | 12 | 28000 | 3200 | 750 | CC-8 | 13.00 | Any | 1,62,51 | |
| ED-37 | | E39 | 19926 | | DSE/Q1000 | DSE | 10 | 28000 | 3200 | 750 | CC-8 | 13.00 | Any | 1,62 | | |
| T-7 | | P28s | 230 | 88607 | - | BTR-Q1000T7/4CL/2P | BTR | 12 | 28500 | 3200 | 250 | C-13D | 4.75 | BD30 | 62.1 | |
| | | | | 29947 | A1/58 | DRS | DRS | 24 | 28500 | 3325 | 25 | C-13D | 5.75 | BD30 | | |
| T-6 | | P28s | 230 | 29968 | - | DRB | DRB | 24 | 32000 | 3350 | 25 | C-13 | 5.75 | BD30 | | |
| | | | | 88615 | - | EGJ-Q1000/4CL/P | EGJ | 12 | 27500 | 3200 | 300 | CC-8 | 6.00 | Any | 62 | |
| | | | | 88614 | - | EGK-Q1000/4/P | EGK | 12 | 26500 | 3200 | 300 | CC-8 | 6.00 | Any | 62 | |
| | | | | 88620 | - | EGM-Q1000CL/P | EGM | 12 | 21500 | 3000 | 2000 | CC-8 | 6.00 | Any | 62 | |
| | | | | 88608 | - | BVT-Q1000T7/CL/MP | BVT | 6 | 24500 | 3050 | 500 | C-13D | 7.25 | BDTH | 62.1 | |
| | | | | 88631 | - | BVV-Q1000T7/4CL/MP | BVV | 6 | 28500 | 3200 | 200 | C-13D | 7.25 | BDTH | 62.1 | |
| T-6 | | G9.5 | 230 | 39738 | CP77 | FEP-Q1MT6/4CL | FEP | 24 | 25000 | 3200 | 300 | CC-8 | 4.13 | Any | 62 | |
| 1200 | T-8 | G22 | 80 | 88439 | | OC1200 | | 12 | 37500 | 3300 | 300 | C-13D | 5.51 | BDTH | 62 | |
| 1500 | T-10 | G38 | 120 | 88612 | | CXZ-Q1500T10/4CL | CXZ | 6 | 44500 | 3200 | 400 | C-13 | 8.50 | BDTH | 62.1 | |
| | | | | 40357 | - | DKX/DSF-Q1500P552/4 | DKX | 12 | 41000 | 3200 | 1000 | C-8 | 13.00 | Any | 1,62,51 | |
| | ED-37 | E39 | | 19927 | | DSF/Q1500 | DSF | 10 | 41000 | 3200 | 1000 | C-8 | 13.00 | Any | 1,62 | |
| | T-8 | P40s | | 88500 | - | DTA-Q1500T8/4CL | DTA | 6 | 41000 | 3200 | 300 | C-13D | 7.87 | BDTH | 62 | |
| 2000 | T-10 | G38 | 230 | 88610 | | CYX-Q2000T10/4CL | CYX | 6 | 59000 | 3200 | 350 | C-13 | 8.50 | BDTH | 62.1 | |
| | | | | 88623 | | BWA-Q2000/4CL/BP | BWA | 6 | 54000 | 3200 | 500 | CC-8 | 8.25 | BDTH | 62,155 | |
| | T-8 | G38 | | 88611 | - | BWF-Q2000/4CL | BWF | 6 | 54000 | 3200 | 500 | CC-8 | 7.50 | Any | 62 | |
| | | | | T-10 | P40s | 88609 | CP53 | BVW-Q2000T10/4CL/MP | BVW | 6 | 59000 | 3200 | 350 | C-13 | 8.46 | BDTH |
| G-10 | G38 | 230 | 31844 | CP41 | FKK | FKK | 12 | 54000 | 3200 | 400 | C-13 | 8.50 | BDTH | 62 | | |
| 5000 | T-20 | G38 | 120 | 41736 | CP29 | DPY-Q5000T20/4CL | DPY | 6 | 143000 | 3200 | 500 | C-13 | 11.00 | BD45 | 62.1 | |
| | | | | 22959 | | HX5000 | | 6 | 147000 | 3200 | 250 | C-8 | 11.02 | Any | 62 | |
| | | | | 71379 | | HX5000/240 | | 6 | 133000 | 3200 | 250 | C-8 | 10.62 | Any | 62 | |
| 10000 | T-24 | G38 | 120 | 24886 | - | DTY-Q10M/T24/4CL | DTY | 4 | 290000 | 3200 | 300 | C-13 | 15.75 | BD45 | 62.1 | |
| 12000 | T-26 | GX38 | 230 | 48770 | | Q12MT26/4CL | | 1 | 420000 | 3400 | 150 | C-13 | 16.13 | BD45 | 62 | |
| | | | | 48771 | | Q12MT26/4CL | | 1 | 420000 | 3400 | 130 | C-13 | 16.13 | BD45 | 62 | |
| | | | | 48779 | | Q12MT26/4CL | | 1 | 420000 | 3400 | 130 | C-13 | 16.13 | BD45 | 62 | |
| 20000 | T-32 | GX38 | 230 | 48772 | | BCM-Q20MT32/4CL | BCM | 1 | 580000 | 3200 | 400 | C-13 | 22.05 | BD45 | 62 | |
| | | | | 48773 | | BCM-Q20MT32/4CL | BCM | 1 | 580000 | 3200 | 400 | C-13 | 22.05 | BD45 | 62 | |
| | | | | 48774 | | BCM-Q20MT32/4CL | BCM | 1 | 580000 | 3200 | 400 | C-13 | 22.05 | BD45 | 62 | |
| 24000 | T-32 | GX38 | 230 | 48776 | | Q24MT32/4CL | | 1 | 800000 | 3400 | 150 | C-13 | 22.05 | BD45 | 62 | |
| | | | | 48777 | | Q24MT32/4CL | | 1 | 800000 | 3400 | 150 | C-13 | 22.05 | BD45 | 62 | |

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勝特力电子(深圳) 86-755-83298787
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| Watts | Bulb Shape | Base | Volts | Description | ANSI Code | LIF Code | Order Code | Pack Qty | MBCP | Design Color Temp K | Beam Spread 50% | | MOL (in) | Rated Life (hrs) | Footnotes and Safety Notices | | | |
|----------------------------|------------|-----------------|-------|-------------------|------------|---------------|------------------|----------|--------|---------------------|-----------------|--------|----------|------------------|------------------------------|-----|-----|----|
| | | | | | | | | | | | H | V | | | | | | |
| Halogen Sealed Beam | | | | | | | | | | | | | | | | | | |
| 500 | PAR56 | Mog End Pr | 120 | Q500PAR56NSP | | | 43494 | 6 | 96000 | 2950 | 13 | 8 | 5 | 4000 | 63 | | | |
| | | | 120 | Q500PAR56MFL | | | 43495 | 6 | 43000 | 2950 | 26 | 10 | 5 | 4000 | 63 | | | |
| | | | 120 | Q500PAR56WFL | | | 43496 | 6 | 19000 | 2950 | 44 | 20 | 5 | 4000 | 63 | | | |
| | PAR64 | ExMogEndPr | 120 | 500PAR64/NSP | | | 39406 | 12 | 110000 | 2800 | 12 | 7 | 6 | 2000 | 64 | | | |
| | | | 120 | 500PAR64/MFL | | | 39409 | 12 | 37000 | 2800 | 23 | 11 | 6 | 2000 | 64 | | | |
| | | | 120 | 500PAR64/WFL | | | 39412 | 12 | 13000 | 2800 | 42 | 20 | 6 | 2000 | 64 | | | |
| | | | 230 | Q500PAR64/VNSP | | CP86 | 25492 | 6 | 240000 | 3200 | 10 | 7 | 6 | 300 | 63 | | | |
| | | | 230 | Q500PAR64/NSP | | CP87 | 25504 | 6 | 140000 | 3200 | 11 | 9 | 6 | 300 | 63 | | | |
| | | | 230 | Q500PAR64/MFL | | CP88 | 25513 | 6 | 65000 | 3200 | 21 | 10 | 6 | 300 | 63 | | | |
| | | MogEndPr | 230 | 500PAR64/MFL | | | 39411 | 12 | | 2700 | 21 | 10 | 6 | 2000 | 64 | | | |
| | | | 230 | 500PAR64/WFL | | | 39414 | 12 | | 2700 | 42 | 20 | 6 | 2000 | 64 | | | |
| | | ExMogEndPr | 240 | Q500PAR64/VNSP | | CP86 | 25493 | 6 | 240000 | 3200 | 10 | 7 | 6 | 300 | 63 | | | |
| | | | 240 | Q500PAR64/NSP | | CP87 | 25507 | 6 | 140000 | 3200 | 11 | 9 | 6 | 300 | 63 | | | |
| | | | | | 240 | Q500PAR64/MFL | | CP88 | 25520 | 6 | 65000 | 3200 | 21 | 10 | 6 | 300 | 63 | |
| 650 | PAR36 | Ferrule | 120 | FAY-Q650PAR36/3D | | FAY | 41668 | 12 | 36000 | 5000 | 25 | 15 | 2.75 | 30 | 63 | | | |
| | | | 120 | FCW-Q650PAR36/6 | | FCW | 41672 | 12 | 9000 | 3200 | 60 | 55 | 2.75 | 100 | 63 | | | |
| | | | 120 | FCX-Q650PAR36/7 | | FCX | 41673 | 12 | 24000 | 3200 | 40 | 30 | 2.75 | 100 | 63 | | | |
| | | Screw Terminals | 120 | DWE-Q650PAR36/1 | | DWE | 41667 | 12 | 24000 | 3200 | 40 | 30 | 2.75 | 100 | 63 | | | |
| | | | 120 | FBE-Q650PAR36/5D | | FBE | 41669 | 12 | 36000 | 5000 | 25 | 15 | 2.75 | 30 | 63 | | | |
| | | | 120 | FBO-Q650PAR36/5 | | FBO | 41671 | 12 | 67000 | 3400 | 25 | 15 | 2.75 | 30 | 63 | | | |
| 1000 | PAR64 | ExMogEndPr | 120 | FFN-Q1000PAR64/1 | | FFN | 13233 | 6 | 400000 | 3200 | 12 | 6 | 6 | 800 | 63 | | | |
| | | | 120 | FFP-Q1000PAR64/2 | | FFP | 13229 | 6 | 330000 | 3200 | 14 | 7 | 6 | 800 | 63 | | | |
| | | | 120 | FFR-Q1000PAR64/5 | | FFR | 13228 | 6 | 125000 | 3200 | 28 | 12 | 6 | 800 | 63 | | | |
| | | | 120 | FFS-Q1000PAR64/6 | | FFS | 13227 | 6 | 40000 | 3200 | 48 | 24 | 6 | 800 | 63 | | | |
| | | | 120 | FGM-Q1000PAR64/3 | | FGM | 13226 | 6 | 200000 | 5200 | 13 | 6 | 6 | 200 | 63 | | | |
| | | | 120 | FGN-Q1000PAR64/7D | | FGN | 13225 | 6 | 70000 | 5200 | 27 | 11 | 6 | 200 | 63 | | | |
| | | | 120 | Q1000PAR64NSP | | | 43497 | 6 | 200000 | 3000 | 15 | 8 | 6 | 4000 | 63 | | | |
| | | | 120 | Q1000PAR64MFL | | | 43498 | 6 | 80000 | 3000 | 28 | 12 | 6 | 4000 | 63 | | | |
| | | | 120 | Q1000PAR64/WFL | | | 43499 | 6 | 33000 | 3000 | 48 | 24 | 6 | 4000 | 63 | | | |
| | | | 240 | EXC-Q1MPAR64CP60 | | EXC | CP60 | 88551 | 6 | 352000 | 3200 | 12 | 9 | 6 | 300 | 63 | | |
| | | | 240 | EXD-Q1MPAR64CP61 | | EXD | CP61 | 88550 | 6 | 297000 | 3200 | 14 | 10 | 6 | 300 | 63 | | |
| | | | 240 | EXE-Q1MPAR64CP62 | | EXE | CP62 | 88536 | 6 | 138000 | 3200 | 24 | 11 | 6 | 300 | 63 | | |
| | | | 1200 | PAR64 | ExMogEndPr | 120 | GFB-Q1200PAR64/2 | | GFB | 88486 | 6 | 450000 | 3200 | 8 | 10 | 6 | 400 | 63 |
| | | | | | | 120 | GFC-Q1200PAR64/1 | | GFC | 88487 | 6 | 540000 | 3200 | 8 | 10 | 6 | 400 | 63 |

| Watts | Bulb Shape | Base | Volts | Description | Order Code | Pack Qty | Volts | Initial Lumens | Design Color Temp K | CRI | CIE x | Color y | Arc Length (mm) | Rated Life (hrs) | LCL (in) | MOL (in) | Burning Position | Footnotes and Safety Notices |
|--|------------|--------|-------|-----------------|------------|----------|-------|----------------|---------------------|-----|-------|---------|-----------------|------------------|----------|----------|------------------|------------------------------|
| CSR Metal Halide Lamps | | | | | | | | | | | | | | | | | | |
| Discharge-CSR/CSD (Daylight) Metal Halide Single-Ended Cold Start | | | | | | | | | | | | | | | | | | |
| 250 | T7 | GY9.5 | 94 | CSD250/2/SE | 27817 | 10 | 94 | 18000 | 9000 | 60+ | 0.287 | 0.296 | 5.5 | 3000 | | | Any | 14,63 |
| 575 | T9 | GX9.5 | 97 | CSR575/2/T/SE | 49492 | 10 | 97 | 42000 | 7200 | 65+ | 0.301 | 0.302 | 7 | 1000 | 2.56 | 4.92 | Any | 14,63 |
| | | | 97 | CSR575/2/SE | 15378 | 10 | 97 | 46000 | 7200 | 65+ | 0.302 | 0.320 | 7 | 1000 | 2.56 | 4.92 | Any | 14,63 |
| 700 | T9 | G22 | 70 | CSR700/2/SE | 49491 | 10 | 70 | 55000 | 7200 | 70+ | 0.312 | 0.325 | 7.5 | 1000 | 2.95 | 6.10 | Any | 14,63 |
| 1200 | T12 | G22 | 100 | CSR1200/2/SE | 49490 | 6 | 100 | 110000 | 7200 | 75+ | 0.305 | 0.315 | 10 | 800 | 3.35 | 6.90 | Any | 14,63 |
| Discharge-CSR (Daylight) Metal Halide, Single-Ended Short Arc | | | | | | | | | | | | | | | | | | |
| 700 | G7 | GY9.5 | 70 | CSR700/SA | 15380 | 10 | 70 | 58000 | 5600 | 70+ | 0.330 | 0.342 | 4.3 | 500 | 1.53 | 3.35 | Any | 14,63 |
| | | | 70 | CSR700/SA/72 | 45234 | 10 | 70 | 58000 | 7200 | 70+ | 0.330 | 0.342 | 4.3 | 500 | 1.53 | 3.35 | Any | 14,63 |
| 1200 | G8 | GY22 | 100 | CSR1200/SA | 21849 | 6 | 100 | 96000 | 5600 | 75+ | 0.326 | 0.330 | 7.5 | 750 | 2.32 | 5.31 | Any | 14,63 |
| 1800 | G9 | GY22 | 100 | CSR2000/SA | 21801 | 6 | 100 | 155000 | 6000 | 75+ | 0.323 | 0.329 | 7.5 | 750 | 2.32 | 5.31 | Any | 14,63 |
| Discharge-CSR (Daylight) Metal Halide, Single-Ended Hot Restrike | | | | | | | | | | | | | | | | | | |
| 125 | T5 | G2X9.5 | 80 | CSR125/SE/HR | 48461 | 10 | 80 | 9400 | 5600 | 90+ | 0.323 | 0.328 | 4 | 200 | 1.53 | 2.95 | Any | 14,63 |
| 200 | T6 | G2Y9.5 | 70 | CSR200/SE/HR | 48462 | 10 | 70 | 15000 | 5600 | 90+ | 0.323 | 0.328 | 5 | 200 | 1.53 | 3.15 | Any | 14,63 |
| 400 | T7 | G2Z9.5 | 70 | CSR400/SE/HR/75 | 45238 | 10 | 70 | 28000 | 7500 | 70+ | 0.323 | 0.320 | 5 | 1500 | 2.38 | 4.32 | Any | 14,63 |
| | | | 70 | CSR400/SE/HR | 21853 | 10 | 70 | 32000 | 6000 | 85+ | 0.323 | 0.320 | 6.5 | 750 | 2.38 | 4.32 | Any | 14,63 |
| 575 | T9.5 | G22 | 95 | CSR575/SE/HR | 48463 | 10 | 95 | 48000 | 6000 | 90+ | 0.323 | 0.328 | 7 | 750 | 2.76 | 5.71 | Any | 14,63 |
| 1200 | T13 | G38 | 100 | CSR1200/SE/HR | 48464 | 6 | 100 | 110000 | 6000 | 90+ | 0.323 | 0.328 | 10 | 750 | 4.21 | 7.87 | Any | 14,63 |
| 2500 | T19.5 | G38 | 115 | CSR2500/SE/HR | 48465 | 6 | 115 | 220000 | 6000 | 90+ | 0.323 | 0.328 | 14 | 500 | 5.00 | 9.45 | Any | 14,63 |
| 4000 | T24 | G38 | 200 | CSR4000/SE/HR | 48466 | 6 | 200 | 380000 | 6000 | 90+ | 0.323 | 0.328 | 24 | 500 | 5.59 | 9.84 | Any | 14,63 |
| 6000 | T26.5 | G38 | 130 | CSR6000/SE/HR | 48467 | 6 | 130 | 540000 | 6000 | 90+ | 0.323 | 0.328 | 26 | 300 | 8.27 | 14.17 | Any | 14,63 |
| 12000 | T32 | G38 | 160 | CSR12000/SE/HR | 48468 | 4 | 160 | 1100000 | 6000 | 90+ | 0.323 | 0.328 | 28 | 250 | 10.04 | 17.72 | Any | 14,63 |
| 18000 | T32 | G51 | 225 | CSR18000/SE/HR | 22496 | 1 | 225 | 1650000 | 6000 | 90+ | 0.323 | 0.328 | 35 | 250 | 10.04 | 18.00 | Any | 14,63 |

Stage and Studio Lamps

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| Watts | Bulb Shape | Base | Volts | Description | Order Code | Pack Qty | Volts | Initial Lumens | Design Color Temp K | CRI | CIE x | Color y | Arc Length (mm) | Rated Life (hrs) | LCL (in) | MOL (in) | Burning Position | Footnotes and Safety Notices |
|-------|------------|------|-------|-------------|------------|----------|-------|----------------|---------------------|-----|-------|---------|-----------------|------------------|----------|----------|------------------|------------------------------|
|-------|------------|------|-------|-------------|------------|----------|-------|----------------|---------------------|-----|-------|---------|-----------------|------------------|----------|----------|------------------|------------------------------|

CSR Metal Halide Lamps (continued)

Discharge-CSR (Daylight) Metal Halide, Double-Ended Hot Restrike

| | | | | | | | | | | | | | | | | | | |
|-------|-------|------------------|-----|-----------------|-------|----|-----|---------|------|-----|-------|-------|----|-----|--|-------|-----|-------|
| 200 | T4.5 | X515 | 80 | CSR200/DE | 48450 | 10 | 80 | 16000 | 6000 | 90+ | 0.323 | 0.325 | 8 | 300 | | 2.95 | H15 | 14.63 |
| 400 | T6.5 | SFc 10-4 SI/M4 | 49 | CSR400/S/DE/70 | 22478 | 10 | 49 | 26000 | 7000 | 65+ | 0.305 | 0.323 | 3 | 750 | | 5.43 | Any | 14.63 |
| | | | 49 | CSR400/S/DE/90 | 45232 | 10 | 49 | 26000 | 9000 | 65+ | 0.305 | 0.323 | 3 | 750 | | 5.43 | Any | 14.63 |
| 575 | T6.5 | | 95 | CSR575/S/DE/70 | 70979 | 10 | 95 | 40000 | 7000 | 75+ | 0.307 | 0.309 | 7 | 750 | | 5.43 | Any | 14.63 |
| | | | 100 | CSR575/SS/DE/75 | 45231 | 10 | 100 | 44000 | 7500 | 70+ | 0.297 | 0.312 | 5 | 500 | | 3.62 | Any | 14.63 |
| 700 | T6.5 | | 70 | CSR700/S/DE/60 | 22493 | 10 | 70 | 59000 | 6000 | 75+ | 0.322 | 0.332 | 4 | 750 | | 5.43 | Any | 14.63 |
| | | | 70 | CSR700/S/DE/75 | 41357 | 10 | 70 | 59000 | 7500 | 75+ | 0.322 | 0.332 | 4 | 750 | | 5.43 | Any | 14.63 |
| 1200 | T6.5 | | 100 | CSR1200/S/DE/60 | 22494 | 10 | 100 | 110000 | 6000 | 90+ | 0.323 | 0.325 | 7 | 500 | | 5.43 | Any | 14.63 |
| | | | 100 | CSR1200/S/DE/72 | 41361 | 10 | 100 | 110000 | 7200 | 75+ | 0.323 | 0.328 | 7 | 750 | | 5.43 | Any | 14.63 |
| | T8.5 | SFc 15.5-6 SI/M6 | 100 | CSR1200/DE | 48453 | 6 | 100 | 110000 | 6000 | 85+ | 0.323 | 0.325 | 10 | 750 | | 8.66 | H15 | 14.63 |
| 1500 | T6.5 | SFc 10-4 SI/M4 | | CSR1500/S/DE/60 | 96800 | 10 | 115 | 135000 | 6000 | 85+ | 0.326 | 0.334 | 7 | 750 | | 5.43 | Any | 14.63 |
| 2500 | T9.5 | Sfa21-12 | 115 | CSR2500/DE | 48454 | 6 | 115 | 240000 | 6000 | 90+ | 0.323 | 0.325 | 14 | 500 | | 13.98 | Any | 14.63 |
| 4000 | T12 | | 200 | CSR4000/DE | 48455 | 6 | 200 | 410000 | 6000 | 90+ | 0.323 | 0.325 | 34 | 500 | | 15.94 | H15 | 14.63 |
| 6000 | T16 | 25X51 Cyl 165mm | 125 | CSR6000/DE | 48456 | 6 | 125 | 570000 | 6000 | 90+ | 0.323 | 0.325 | 22 | 300 | | 17.71 | H15 | 14.63 |
| 12000 | T22.5 | 30x70 Cyl 165mm | 160 | CSR12000/DE | 48457 | 4 | 160 | 1100000 | 6000 | 90+ | 0.323 | 0.325 | 32 | 300 | | 18.50 | H15 | 14.63 |
| 18000 | T28 | 30x70 Cyl 165mm | 225 | CSR18000/DE | 48459 | 4 | 225 | 1650000 | 6000 | 90+ | 0.323 | 0.325 | 45 | 300 | | 19.68 | H15 | 14.63 |
| | | | 225 | CSR18000/S/DE | 48460 | 4 | 225 | 1650000 | 6000 | 90+ | 0.323 | 0.325 | 45 | 300 | | 19.68 | H15 | 14.63 |

Discharge-CSR (Daylight) Metal Halide, Single-Ended Hot Restrike UV Control

| | | | | | | | | | | | | | | | | | | |
|------|-------|-----|-----|------------------|-------|----|-----|--------|------|-----|-------|-------|----|------|--|-------|-----|-------|
| 575 | T9.5 | G22 | 95 | CSR575/SE/HR/UV | 40460 | 10 | 95 | 49000 | 5600 | 80+ | 0.330 | 0.325 | 7 | 750 | | 5.71 | Any | 14.63 |
| 800 | T9.5 | G22 | 95 | CSR800/SE/HR/UV | 22495 | 10 | 95 | 64000 | 5600 | 90+ | 0.325 | 0.327 | 7 | 1000 | | 5.71 | Any | 14.63 |
| 1200 | T13 | G38 | 100 | CSR1200/SE/HR/UV | 27764 | 6 | 100 | 110000 | 5600 | 90+ | 0.333 | 0.333 | 10 | 750 | | 7.87 | Any | 14.63 |
| 2500 | T19.5 | G38 | 115 | CSR2500/SE/HR/UV | 40482 | 6 | 115 | 220000 | 5600 | 90+ | 0.330 | 0.325 | 14 | 500 | | 9.45 | Any | 14.63 |
| 4000 | T24 | G38 | 200 | CSR4000/SE/HR/UV | 27765 | 6 | 200 | 380000 | 5600 | 90+ | 0.330 | 0.325 | 24 | 500 | | 10.24 | Any | 14.63 |
| 6000 | T26.5 | G38 | 130 | CSR6000/SE/HR/UV | 40492 | 6 | 130 | 540000 | 5600 | 90+ | 0.333 | 0.333 | 26 | 300 | | 14.17 | Any | 14.63 |

| Watts | Bulb Shape | Base | Footnotes and Safety Notices | Order Code | Description | Case Qty | Lumens Initial | Design Color Temp K | MOL (in) | Rated Life (hrs) | CRI | Burning Position |
|-------|------------|------|------------------------------|------------|-------------|----------|----------------|---------------------|----------|------------------|-----|------------------|
|-------|------------|------|------------------------------|------------|-------------|----------|----------------|---------------------|----------|------------------|-----|------------------|

Fluorescent Cinema Lighting

T8 High Output, Clear and covRguard®

| | | | | | | | | | | | | |
|----|----|----------------|-----|-------|--------------------|----|------|------|-------|------|----|-----|
| 55 | T8 | G-13 Med BiPin | 171 | 81205 | F48T8/CINEMA32 | 24 | 2750 | 3200 | 48.00 | 2000 | 95 | Any |
| | | | 171 | 81206 | F48T8/CINEMA55 | 24 | 2750 | 5500 | 48.00 | 2000 | 97 | Any |
| | | | 171 | 81207 | F48T8/CINEMA32/CVG | 24 | 2750 | 3200 | 48.00 | 2000 | 95 | Any |
| | | | 171 | 81208 | F48T8/CINEMA55/CVG | 24 | 2750 | 5500 | 48.00 | 2000 | 97 | Any |

Standard Cinema

| | | | | | | | | | | | | |
|-----|-----|----------------|-----|-------|--------------------|----|------|------|-------|------|----|-----|
| 35 | T12 | G-13 Med BiPin | 171 | 15712 | F20T12/CINEMA32/HO | 24 | 1130 | 3200 | 24.00 | 2000 | 95 | Any |
| | | | 171 | 15713 | F20T12/CINEMA55/HO | 24 | 1100 | 5500 | 24.00 | 2000 | 96 | Any |
| 60 | T12 | G-13 Med BiPin | 171 | 15716 | F40T12/CINEMA32/HO | 30 | 2900 | 3200 | 48.00 | 2000 | 95 | Any |
| | | | 171 | 15717 | F40T12/CINEMA55/HO | 30 | 2820 | 5500 | 48.00 | 2000 | 96 | Any |
| 85 | T12 | G-13 Med BiPin | 171 | 15718 | F72T12/CINEMA32/HO | 15 | 4150 | 3200 | 72.00 | 2000 | 95 | Any |
| | | | 171 | 15719 | F72T12/CINEMA55/HO | 15 | 4050 | 5500 | 72.00 | 2000 | 96 | Any |
| 110 | T12 | G-13 Med BiPin | 171 | 15720 | F96T12/CINEMA32/HO | 15 | 5800 | 3200 | 96.00 | 2000 | 95 | Any |
| | | | 171 | 15721 | F96T12/CINEMA55/HO | 15 | 5650 | 5500 | 96.00 | 2000 | 96 | Any |

Standard Cinema with covRguard®

| | | | | | | | | | | | | |
|-----|-----|----------------|-----|-------|------------------------|----|------|------|-------|------|----|-----|
| 35 | T12 | G-13 Med BiPin | 171 | 15775 | F20T12/CINEMA32/HO/CVG | 24 | 1130 | 3200 | 24.00 | 2000 | 95 | Any |
| | | | 171 | 15776 | F20T12/CINEMA55/HO/CVG | 24 | 1100 | 5500 | 24.00 | 2000 | 96 | Any |
| 60 | T12 | G-13 Med BiPin | 171 | 15782 | F40T12/CINEMA32/HO/CVG | 30 | 2900 | 3200 | 48.00 | 2000 | 95 | Any |
| | | | 171 | 15783 | F40T12/CINEMA55/HO/CVG | 30 | 2820 | 5500 | 48.00 | 2000 | 96 | Any |
| 85 | T12 | G-13 Med BiPin | 171 | 15785 | F72T12/CINEMA32/HO/CVG | 15 | 4150 | 3200 | 72.00 | 2000 | 95 | Any |
| | | | 171 | 15786 | F72T12/CINEMA55/HO/CVG | 15 | 4050 | 5500 | 72.00 | 2000 | 96 | Any |
| 110 | T12 | G-13 Med BiPin | 171 | 15794 | F96T12/CINEMA32/HO/CVG | 15 | 5800 | 3200 | 96.00 | 2000 | 95 | Any |
| | | | 171 | 15798 | F96T12/CINEMA55/HO/CVG | 15 | 5650 | 5500 | 96.00 | 2000 | 96 | Any |

Cinema Bix®

| | | | | | | | | | | | | |
|----|----|------------|-----|-------|-------------------|----|------|------|-------|------|----|-----|
| 55 | T5 | 2G11-4 PIN | 171 | 41869 | F55BX/STUDIOBIA32 | 10 | 4100 | 3200 | 21.10 | 8000 | 86 | Any |
| | | | 171 | 41873 | F55BX/STUDIOBIA56 | 10 | 4100 | 5600 | 21.10 | 8000 | 86 | Any |
| | | | 171 | 41903 | F55BX/CINPLUS/32 | 10 | 2400 | 3200 | 21.10 | 2000 | 86 | Any |
| | | | 171 | 41911 | F55BX/CINPLUS/56 | 10 | 2400 | 5600 | 21.10 | 2000 | 86 | Any |

For the most up-to-date product information, see www.gelighting.com. To save energy costs, find the bulbs with the light output you need, then choose the one with the lowest watts. All footnotes and safety notices found at the end of this section (page 7-12).

ANSI Codes

| ANSI Code | Order Code | Volts | Lamp Description |
|-----------|------------|-------|---------------------|
| BCM | 48772 | 208 | BCM-Q20MT32/4CL |
| BCM | 48773 | 230 | BCM-Q20MT32/4CL |
| BCM | 48774 | 240 | BCM-Q20MT32/4CL |
| BRH | 29604 | 120 | BRH |
| BTL | 11966 | 120 | BTL-Q500T6/CL/P |
| BTM | 16465 | 120 | BTM-Q500T6/4CL/2P |
| BTN | 11953 | 120 | BTN-Q750T7/CL/2P |
| BTP | 11954 | 120 | BTP-Q750T7/4CL/2P |
| BTR | 11955 | 120 | BTR-Q1000T7/4CL/2P |
| BVT | 12554 | 120 | BVT-Q1000T7/CL/MP |
| BVV | 12553 | 120 | BVV-Q1000T7/4CL/MP |
| BVW | 12555 | 120 | BVW-Q2000T10/4CL/MP |
| BWA | 39587 | 120 | BWA-Q2000/4CL/BP |
| BWF | 37086 | 120 | BWF-Q2000/4CL |
| BWM | 39680 | 120 | BWM-Q750T7/4CL/TP |
| BWN | 39792 | 120 | BWN-Q1000T7/4CL/TP |
| CXZ | 37564 | 120 | CXZ-Q1500T10/4CL |
| CYV | 42697 | 120 | CYV-Q1000T7/4CL/BP |
| CYX | 36636 | 120 | CYX-Q2000T10/4CL |
| DKX | 40357 | 120 | DKX/DSF-Q1500PS52/4 |
| DKZ | 39582 | 120 | DKZ/DSE-Q1000PS52/4 |
| DPY | 41736 | 120 | DPY-Q5000T20/4CL |
| DRB | 29968 | 120 | DRB |
| DRS | 29947 | 120 | DRS |
| DSE | 19926 | 120 | DSE/Q1000 |
| DSF | 19927 | 120 | DSF/Q1500 |
| DTA | 30522 | 120 | DTA-Q1500T8/4CL |
| DTY | 24886 | 120 | DTY-Q10M/T24/4CL |
| DVS | 23733 | 130 | Q500T3/CL |
| DVY | 30304 | 120 | DVY |
| DWE | 41667 | 120 | DWE-Q650PAR36/1 |
| DWT | 23800 | 120 | DWT-Q1000T6/CL |
| DWZ | 29578 | 30 | DWZ(L30V) |
| DXW | 30157 | 120 | DXW-Q1000T5/4CL |
| DXX | 36952 | 230 | DXX |
| DXX | 36953 | 240 | DXX |
| DYH | 30364 | 120 | DYH |

| ANSI Code | Order Code | Volts | Lamp Description |
|-----------|------------|-------|------------------------|
| DYR | 26895 | 240 | DYR |
| DYS | 32955 | 120 | DYS/DVV/BHC |
| DZA | 37346 | 10.8 | DZA |
| EGC | 39134 | 120 | EGC-Q500/5CL/P |
| EGE | 39135 | 120 | EGE-Q500CL/P |
| EGF | 39136 | 120 | EGF-Q750/4CL/P |
| EGG | 39137 | 120 | EGG-Q750CL/P |
| EGJ | 38853 | 120 | EGJ-Q1000/4CL/P |
| EGK | 38852 | 120 | EGK-Q1000/4P |
| EGM | 39138 | 120 | EGM-Q1000CL/P |
| EGN | 30373 | 120 | EGN-Q500T8 |
| EGR | 39190 | 120 | EGR-Q750T7/4CL |
| EGT | 39191 | 120 | EGT-Q1000T7/4CL |
| EHC | 39789 | 120 | EHC-Q500/5CL |
| EHD | 39768 | 120 | EHD-Q500CL/TP |
| EHF | 39771 | 120 | EHF-Q750/4CL |
| EHG | 39770 | 120 | EHG-Q750CL/TP |
| EHM | 43703 | 120 | Q300T3/CL |
| EHP | 43705 | 120 | Q300T4/CL |
| EHZ | 43704 | 120 | Q300T3 |
| EJD | 23788 | 185 | EJD-Q1000T3/3CL(1185V) |
| EJG | 23756 | 120 | EJG-Q750T3/4CL |
| EKB | 33934 | 120 | EKB-Q420/4CL/2PP |
| EKD | 34328 | 120 | EKD-Q650/3CL/2PP |
| EMD | 23755 | 120 | EMD-Q750T3/4 |
| EXC | 10925 | 240 | EXC-Q1MPAR64CP60 |
| EXD | 10929 | 240 | EXD-Q1MPAR64CP61 |
| EXE | 10931 | 240 | EXE-Q1MPAR64CP62 |
| EYH | 13617 | 120 | EYH/FKT |
| FAD | 30325 | 120 | FAD-Q650T4/4CL |
| FAY | 41668 | 120 | FAY-Q650PAR36/3D |
| FBE | 41669 | 120 | FBE-Q650PAR36/5D |
| FBG | 33663 | 120 | FBG/FBD |
| FBO | 41671 | 120 | FBO-Q650PAR36/5 |
| FBX | 30343 | 120 | FBX-Q650T4/4 |
| FBY | 30374 | 120 | FBY-Q1000T5/4 |
| FCB | 29598 | 120 | FCB |

| ANSI Code | Order Code | Volts | Lamp Description |
|-----------|------------|-------|-------------------|
| FCL | 23731 | 120 | Q500T3/CL |
| FCM | 13895 | 120 | FCM/HIR-Q650T3/4 |
| FCM | 23797 | 120 | FCM-Q1000T3/4CL |
| FCW | 41672 | 120 | FCW-Q650PAR36/6 |
| FCX | 41673 | 120 | FCX-Q650PAR36/7 |
| FDB | 23841 | 120 | FDB-Q1500T4/4CL |
| FDV | 23735 | 120 | FDV-Q500T3/4CL |
| FDN | 23734 | 120 | FDN-Q500T3/4 |
| FEL | 39769 | 120 | FEL-Q1000/4CL |
| FEP | 39738 | 230 | FEP-Q1MT6/4CL |
| FER | 33760 | 120 | FER-Q1000T6/4CL |
| FEV | 14119 | 120 | FEV-Q200/4CL/DC |
| FEY | 39790 | 120 | FEY-Q2000T8/4CL |
| FFM | 30276 | 120 | FFM |
| FFN | 13233 | 120 | FFN-Q1000PAR64/1 |
| FFP | 13229 | 120 | FFP-Q1000PAR64/2 |
| FFR | 13228 | 120 | FFR-Q1000PAR64/5 |
| FFS | 13227 | 120 | FFS-Q1000PAR64/6 |
| FFT | 33280 | 120 | FFT-Q1000T3/1CL |
| FGM | 13226 | 120 | FGM-Q1000PAR64/3 |
| FGN | 13225 | 120 | FGN-Q1000PAR64/7D |
| FGT | 41229 | 120 | FGT-Q1500T4/4 |
| FHM | 23792 | 120 | FHM-Q1000/T3/4 |
| FKK | 31844 | 230 | FKK |
| FKW | 39781 | 120 | FKW-Q300T8 |
| FLK | 11450 | 115 | FLK-Q575T6 |
| FMR | 30475 | 120 | FMR-Q600T5 |
| FRG | 39623 | 120 | FRG-Q500T8 |
| FRK | 39637 | 120 | FRK-Q650T8 |
| FVL | 19679 | 120 | FVL |
| FVM | 19678 | 120 | FVM |
| GFB | 34810 | 120 | GFB-Q1200PAR64/2 |
| GFC | 34808 | 120 | GFC-Q1200PAR64/1 |
| GLA | 93428 | 115 | GLA-Q575T6/4CL |
| GLC | 93429 | 115 | GLC-Q575T6/5CL |
| GLD | 92771 | 115 | GLD-Q750T6/4CL |
| GLE | 92773 | 115 | GLE-Q750T6/4CL |

Cross-Reference to New Product Codes

| Old Code | New Code | Description |
|----------|----------|---------------------|
| 10925 | 88551 | EXC-Q1MPAR64CP60 |
| 10929 | 88550 | EXD-Q1MPAR64CP61 |
| 10931 | 88536 | EXE-Q1MPAR64CP62 |
| 11450 | 88548 | FLK-Q575T6 |
| 11953 | 88605 | BTN-Q750T7/CL/2P |
| 11954 | 88606 | BTP-Q750T7/4CL/2P |
| 11955 | 88607 | BTR-Q1000T7/4CL/2P |
| 11966 | 88547 | BTL-Q500T6/CL/P |
| 12553 | 88631 | BVV-Q1000T7/4CL/MP |
| 12554 | 88608 | BVT-Q1000T7/CL/MP |
| 12555 | 88609 | BVW-Q2000T10/4CL/MP |
| 16465 | 88546 | BTM-Q500T6/4CL/2P |
| 17607 | 88534 | HPL375/C 77V |
| 17608 | 88540 | HPL375/C 115V |
| 18189 | 88539 | HPL375/LL/C 115V |
| 30373 | 88509 | EGN-Q500T8 |
| 30475 | 88504 | FMR-Q600T5 |
| 30522 | 88500 | DTA-Q1500T8/4CL |
| 34808 | 88487 | GFC-Q1200PAR64/1 |
| 34810 | 88486 | GFB-Q1200PAR64/2 |
| 36636 | 88610 | CYX-Q2000T10/4CL |

| Old Code | New Code | Description |
|----------|----------|------------------|
| 37086 | 88611 | BWF-Q2000/4CL |
| 37128 | 88478 | HPL575 |
| 37564 | 88612 | CXZ-Q1500T10/4CL |
| 37817 | 88476 | HPL575-X LL |
| 37824 | 88474 | HPL750 |
| 38852 | 88614 | EGK-Q1000/4P |
| 38853 | 88615 | EGJ-Q1000/4CL/P |
| 39135 | 88617 | EGE-Q500CL/P |
| 39136 | 88618 | EGF-Q750/4CL/P |
| 39137 | 88619 | EGG-Q750CL/P |
| 39138 | 88620 | EGM-Q1000CL/P |
| 39190 | 88621 | EGR-Q750T7/4CL |
| 39191 | 88622 | EGT-Q1000T7/4CL |
| 39587 | 88623 | BWA-Q2000/4CL/BP |
| 39623 | 88467 | FRG-Q500T8 |
| 39637 | 88462 | FRK-Q650T8 |
| 39730 | 88452 | FLK/LL-Q575T6 |
| 39768 | 88624 | EHD-Q500CL/TP |
| 39769 | 88625 | FEL-Q1000/4CL |
| 39770 | 88626 | EHG-Q750CL/TP |
| 39771 | 88627 | EHF-Q750/4CL |

| Old Code | New Code | Description |
|----------|----------|--------------------|
| 39789 | 88628 | EHC-Q500/5CL |
| 39790 | 88629 | FEY-Q2000T8/4CL |
| 42697 | 88630 | CYV-Q1000T7/4CL/BP |
| 91580 | 88439 | OC1200 |
| 92431 | 88438 | HPL575/C 115V |
| 92432 | 88437 | HPL750/C 115V |
| 92433 | 88436 | HPL575/C 120V |
| 92434 | 88435 | HPL575/LL/C 115V |
| 92435 | 88434 | HPL575/LL/C 120V |
| 92770 | 88428 | HPL750/LL/C |
| 92771 | 88427 | GLD-Q750T6/4CL |
| 92773 | 88426 | GLE-Q750T6/4CL |
| 93428 | 88424 | GLA-Q575T6/4CL |
| 93429 | 88423 | GLC-Q575T6/5CL |

Footnotes and Safety Notices

- 1 Filament with low noise construction.
- 2 New Product Code. See cross reference for previous code.
- 4 Ceramic part of lamp base is slightly larger than similar lamps, thus may not fit in some spring type lamp holders.
- 7 Pinned base to secure correct application.
- 14 Enclosed fixture only, per UL Standard 1572. In accordance to Federal Regulations (21CFR1040.30) the following notice applies:
WARNING: This lamp can cause serious skin burn and eye inflammation if the outer envelope is broken or punctured, and the arc tube continues to operate. Do not use where people will remain more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.
- 15 Apparent lighted length slightly longer than similar clear lamp.
- 27 Has blackening collector grid on only one side of filament. Unless burned base down, install lamp so grid is above filament.
- 31 GE lamp is 240 volt; 250 volt lamp specified for Colortran.
- 51 Silica coated.
- 52 Rough service. 6 filament supports.
- 55 Burn BDTH, but avoid horizontal burning with support spine beneath filament to prevent premature arcing.
- 62 **Safety Notice for exposed unshielded lamps (if shielded fixture use footnote 63)**

⚠ Warning

Risk of electrical shock

- Turn power off before inspection, installation or removal

Risk of fire

- Keep combustible materials away from lamp
- Use in enclosed fixture rated for this product

Pressurized lamp—unexpected rupture may cause injury, fire, or property damage

- Use eye protection when handling lamp
- Do not touch glass with bare hands
- Use in enclosed fixtures rated for this product
- Do not use lamp if outer glass is scratched or broken
- Operate lamp only in specified position
- Do not exceed 110% of rated voltage

⚠ Caution

Risk of burn

- Allow lamp/fixture to cool before handling
- Turn power off before installing lamp

Lamp may shatter and cause injury if broken

- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container
- Wear safety glasses and gloves when handling lamp

Lamp emits UV radiation which may cause eye/skin irritation. RG-2.

- Limit unshielded exposure to less than 15 minutes per day

63 Safety Notice for PAR lamps and enclosed, shielded lamps

⚠ Warning

Risk of electrical shock

- Turn power off before inspection, installation or removal

Risk of fire

- Keep combustible materials away from lamp
- Use in fixture rated for this product

A damaged lamp emits UV radiation which may cause eye/skin injury

- Turn power off if glass is broken. Remove and dispose of lamp

Pressurized lamp—unexpected rupture may cause injury, fire, or property damage

- Use in enclosed fixtures rated for this product
- Do not use lamp if outer glass is scratched or broken
- Do not exceed 110% of rated voltage
- Avoid direct water/liquid contact

⚠ Caution

Risk of burn

- Allow lamp/fixture to cool before handling
- Turn power off before installing lamp

Lamp may shatter and cause injury if broken

- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container

64 High Wattage Incandescent Par Lamps

⚠ Warning

Risk of electrical shock

- Turn power off before inspection, installation, or removal

Risk of fire

- Keep combustible materials away from lamp

Unexpected lamp rupture may cause injury, fire, or property damage

- Avoid direct water/liquid contact
- Use in enclosed fixtures rated for this product

171 Linear Fluorescent

⚠ Warning

Risk of electrical shock

- Turn power off before inspection, installation, or removal

⚠ Caution

Lamp may shatter and cause injury if broken

- Wear safety glasses and gloves when handling lamp
- Dispose of lamp in closed container

Burning Position Key

- | | |
|--------|--|
| H4 | operate horizontally +-4 degrees |
| H15 | operate horizontally +-15 degrees |
| BDTH | operate base down to horizontal |
| BDTHCH | operate base down to horizontal with filament coil axis horizontal |
| ANYCH | base in any position, but with filament coil axis horizontal |
| BD30 | base down +-30 degrees |
| BD45 | base down +-45 degrees |