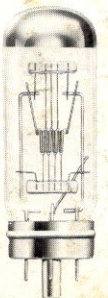
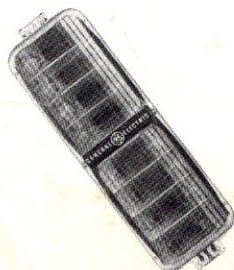


PHOTOGRAPHIC LAMP & EQUIPMENT GUIDE

INCLUDING SUBSTITUTE LAMP GUIDE AND
IMPORTED LAMP TO ANSI CODE CROSS REFERENCE



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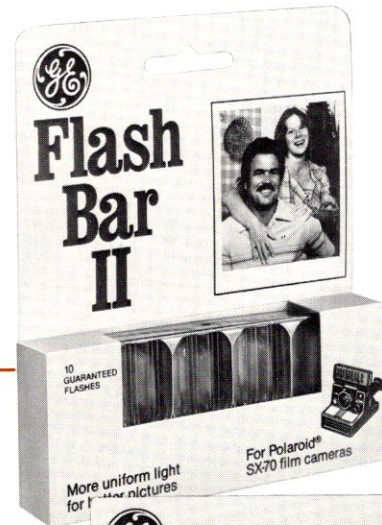
GE MULTIFLASH

FLASHBAR II

**More Uniform Light For Better Pictures...
Invented By General Electric For All
Flashbar Cameras.**

Flashbar II is better than ever. Larger, brighter bulbs, and our exclusive Fresnel cover lens provide more uniform illumination and less hot spotting for quality pictures.

General Electric invented a 10-lamp flash array for the Polaroid SX-70 camera. It is also used with other Polaroid cameras which use SX-70 type film. Flashbar II will fire ten lamps in two sequences of five flashes.



Feature

- integrated electronic circuit
- Zirconium foil.
- Fresnel cover lens
- nested positioning
- color-corrected filter
- consistent filter density

Benefit

- selects unused lamps
- greater flash efficiency
- more uniform subject brightness
- saves space
- excellent color results
- consistently correct color

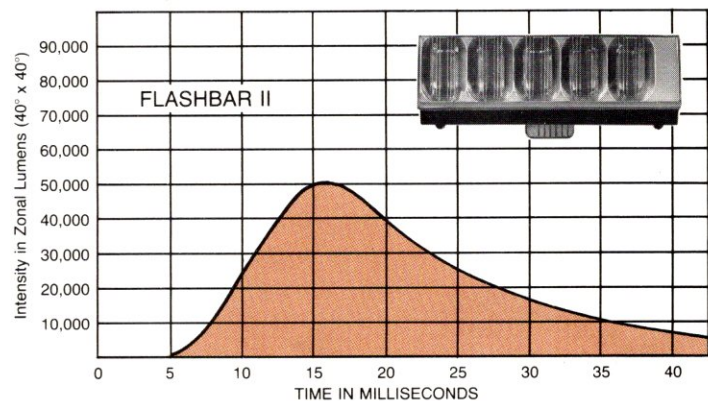
The Lamps

There are five flashbulb-reflector units on each side of the thin FlashBar II array. Each of the 10 lamps produces almost twice as much light as a standard Flashcube. They are so bright that, with the SX-70 camera and the proper camera setting, flash pictures can be made up to 20 feet away from the subject.

Synchronization

GE FlashBar II synchronizes excellently with adjustable cameras at:

- X or F settings up to 1/60th-second with front shutters . . . to 1/30th-second with focal plane shutters.
- The M setting at any shutter speed.



SPECIFICATIONS (Use with any Daylight type color or b&w films)

Ordering Abbreviation	Flashing Voltage Range	Approx. Time to Peak, in Seconds	Approx. Flash Duration @ 1/2 Peak, in Seconds	Approx. Beam Candlepower Seconds	Width, Inches	Height, Inches	Base	Standard Carton Qty.	Standard Case Qty.
FlashBar II	3-22½	.016	.025	3600	4¼	1¾	Contact Tab	1 Bar (10 flashes)	12 Bars (120 flashes)

GE MULTIFLASH

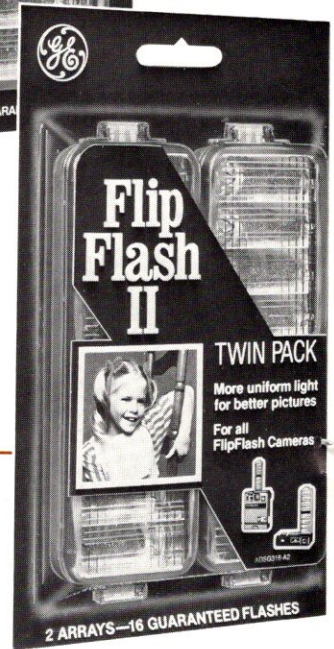
FLIPFLASH II

**More Uniform Light For Better Pictures...
Invented By General Electric For All
FlipFlash Cameras.**

FlipFlash II gives you eight flashes... a built-in flash extender... green "Go" dots... and is flashed by a "Piezo" electric element... every one a GE first!

The revolutionary FlipFlash II array was designed for pocket cameras and for Kodak Instant cameras. Flash four lamps, flip the unit and flash four more... quick as a flash!

As each bulb is fired, a heat-activated switch automatically connects the next unused bulb in the top half of the array to be ready for flashing the next picture.



Feature

- matte finish reflector,
- Fresnel lens cover
- lamp-to-camera spacing.
- circuit board mounting
- glass bead construction

Benefit

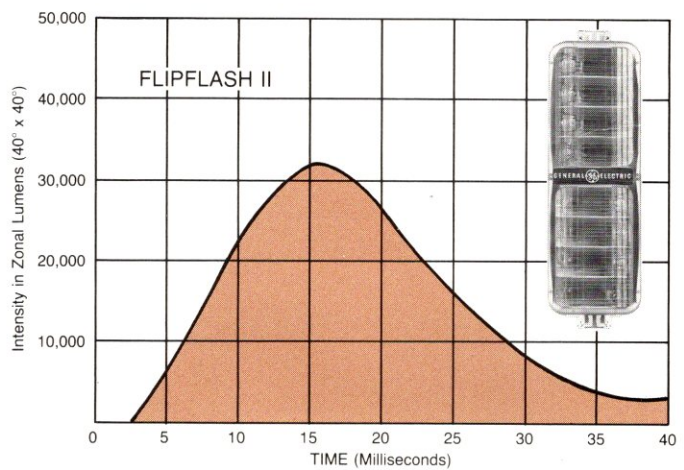
- uniform light distribution,
- reduced hot spotting, glare
- minimize "red eye" effect
- dependable power connection
- consistently reliable flashing

Camera Power Source

Power is supplied to the flashbulb by a tiny cube (1/10th inch on each side) of "Piezo-electric" ceramic inside the camera. When the shutter is pressed, a tiny hammer strikes the ceramic which releases a brief pulse of electricity to fire the flash. This simple, reliable system provides enough power to flash thousands of bulbs, one after another, for the life of the camera.

The "GO" System

On the back of FlipFlash II is a handy "Go" system which tells you when to flip the unit for four more flashes. Behind each bulb is a green dot. When the bulb is flashed, the dot blackens. Flip when first four dots are black.



SPECIFICATIONS (Use with any Daylight type color or b&w films)

Ordering Abbreviation	Flashing Voltage Range	Approx. Time to Peak, in Seconds	Approx. Flash Duration @ 1/2 Peak, in Seconds	Approx. Beam Candlepower Seconds	Height, Inches	Base	Standard Carton Qty.	Standard Case Qty.
FlipFlash II	Piezo Element	.017	.015	2000	5 1/2	Contact Tab	1 array (8 flashes)	24 arrays (192 flashes)

GE MULTIFLASH

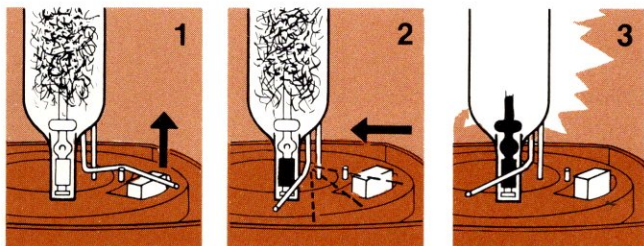
MAGICUBES

GE Magicubes Flash Without Batteries.

General Electric's self-powered Magicube needs no batteries to flash it. No more flash failure due to weak batteries or corroded electrical contacts.

Each Magicube lamp has a percussive primer in its base which fires the lamp when struck by a tensioned spring. Each lamp has its own spring which is held under tension by a tiny retaining pin.

Here's How Magicube Works...



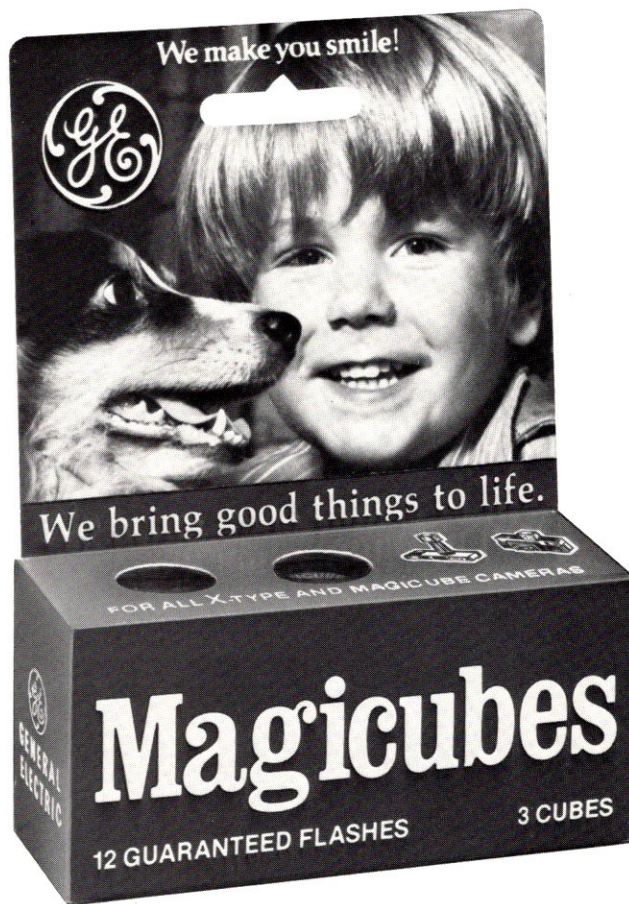
When You Push The Camera's Exposure Button...

1. A probe from the camera reaches up into the Magicube to lift the tensioned spring over the retaining pin.
2. The freed spring immediately snaps sharply against the flashbulb's metal tube to fire the primer.
3. The primer sparks fly upward, are deflected in a 360° circle around the bead in the lamp, and ignite the zirconium foil to flash the lamp.

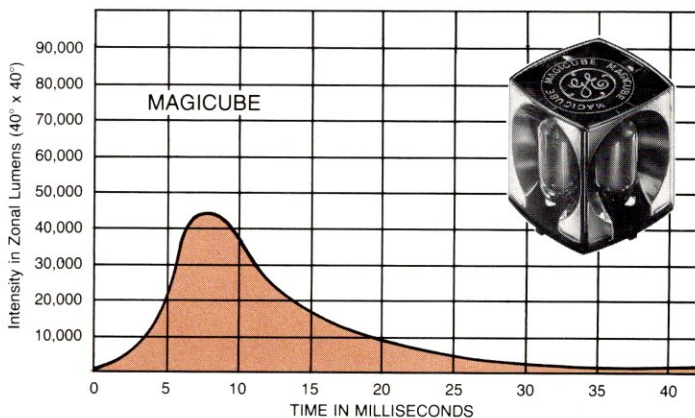
Of course, this all happens in a quick fraction of a second and in synchronization with the camera's shutter.

Additional Magicube Features

- It gives the same amount of light as the standard flashcube
- It gives better edge-to-edge picture exposure because the Magicube reflectors are larger than those used in standard flashcubes
- The blue cover is a specially designed filter to give best results with any daylight type color or black & white film



NOTE: Magicube fits only the socket of cameras designed for it, such as the Kodak Instamatic-X series of cameras. It cannot be used with, nor will it fit, other cameras or adaptors designed for standard flashcubes.



SPECIFICATIONS (Use with any Daylight type color or Black & White Films)

Ordering Abbreviation	Flashing Voltage Range	Approx. Time to Peak, in Seconds	Approx. Flash Duration @ 1/2 Peak, in Seconds	Approx. Beam Candlepower Seconds	Width, Inches	Height, Inches	Base	Standard Carton Qty.	Standard Case Qty.
Magicube	no voltage needed	.007	.010	2000	1 1/4	1 5/8	Plastic w/index Post	3 cubes (12 flashes)	12 cartons (144 flashes)

GE MULTIFLASH

FLASHCUBES & HI-POWER CUBES

GE Flashcube And Hi-Power Cube, The One-Two Punch For Flashcube Type Cameras.*

General Electric produced a high-quality cube for the original "Flashcube" type cameras, then developed the twice-as-bright Hi-Power Cube for Polaroid's "Focused Flash" line of cameras. In addition, Hi-Power can also be used with standard Flashcube cameras when greater distance is desirable. See Hi-Power table below.

GE Flashcubes

These tiny four-lamp-reflector units make flash pictures easier to take than ever before. And, General Electric's guaranteed lamps give excellent flash results at the four-to-nine-foot distance recommended for these arrays.

Note: Flashcubes may not be used with Polaroid Focused Flash cameras.

GE Hi-Power Cubes

General Electric developed the Hi-Power Cube, which is over twice as bright as the standard flashcube, for Polaroid's Focused Flash line of cameras.

When used in place of a Flashcube on standard cameras, the Hi-Power Cube provides greater distance pictures—up to 15 feet with 126 color film.

Super Flashability

A tiny filament, about 1/6th the diameter of a human hair, was developed by General Electric for these cubes. The special tungsten-rhenium filament heats up swiftly and evenly to flash on only a fraction of the amount of energy formerly required to fire other lamps...thereby minimizing flash failure caused by weak batteries.

Color

The blue cover of every Flashcube and Hi-Power Cube is a specially designed filter to give best results with any daylight-type color or black & white film.

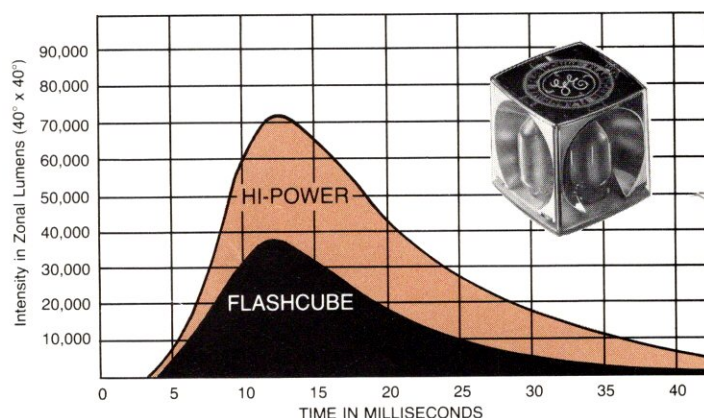
The thickness of the blue cover is precisely controlled to assure that its filter density is the same for every lamp in the array. As a result, color uniformity and edge-to-edge light intensity is consistent from flash to flash.

Synchronization

GE Flashcubes and Hi-Power Cubes also synchronize excellently with adjustable cameras at . . .

- X or F settings up to 1/60th second with front shutters . . . to 1/30th second with focal plane shutters
- The M setting at any shutter speed
- The FP setting and faster shutter speeds . . . with many 35mm focal plane cameras.

*Flashcubes & Hi-Power Cubes cannot be used with, nor will they fit, Type X Magicube cameras.



Hi-Power Cubes make excellent pictures with the following camera types at the distances recommended in the table.

Camera Type	Daylight Type Film (ANSI 50-80)	
	Negative Print Film	Transparency Slide Film
Any Polaroid Focused Flash Camera	3½-10 feet	Not applicable
Adjustable Cameras (those using guide numbers)	See Synchronization paragraph	See Synchronization paragraph
Any non-adjustable cube camera	7-15 feet	7-15 feet
Cube cameras that automatically set the exposure as they are focused	5-40 feet	Do not use at any distance

SPECIFICATIONS (Use with any Daylight type color or Black & White Films)

Ordering Abbreviation	Flashing Voltage Range	Approx. Time to Peak, in Seconds	Approx. Flash Duration @ ½ Peak, in Seconds	Approx. Beam Candlepower Seconds	Width, inches	Height, inches	Base	Standard Carton Qty.	Standard Case Qty.
Flashcube (4 flashes)	3-45	.013	.015	2000	1½	1 ¹³ / ₃₂	Plastic with Indexing Post	3 cubes (12 flashes)	12 Cartons (144 flashes)
Hi-Power Cube (4 flashes)	3-45	.013	.018	4800	1½	1 ¹³ / ₃₂	Plastic w/index Post	2 cubes (8 flashes)	18 Cartons (144 flashes)

GE FLASHBULBS

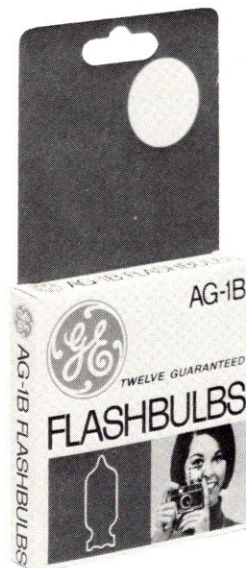
AG-1B FLASHBULBS

Synchronization

- The flash duration of the AG-1B flashbulb permits excellent synchronization with . . .
1. Box cameras
 2. "X" or "F" settings up to 1/60th-second shutter speed with front shutters . . . 1/30th with focal-plane shutters
 3. "M" setting . . . *at any shutter speed*
 4. Many late-model 35mm focal-plane cameras



AG-1B



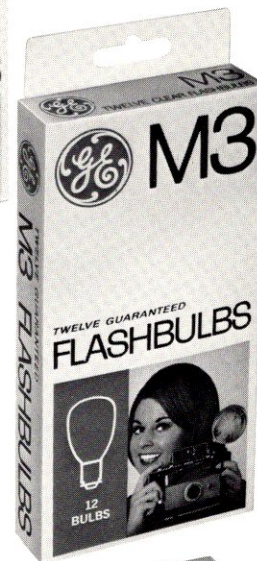
M3 & M3B FLASHBULBS

Synchronization

- The versatile M3 & M3B's work with any type of synchronization . . . this means:
1. At all shutter speeds on the "M" sync. setting
 2. Up to 1/30th second on either the "F" or "X" setting
 3. Up to 1/125th second on the "FP" setting with many focal-plane cameras . . . some of these cameras can use them at speeds faster than this.
 4. Any simple camera (that will accept a miniature base lamp).



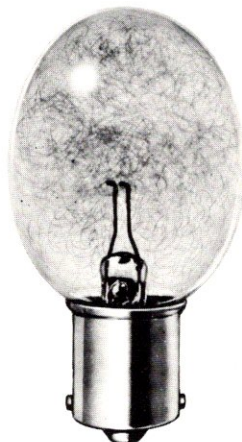
M3



No. 5B FLASHBULBS

Synchronization

- The precise, split-second flash of the 5B is designed to peak at 20 milliseconds . . . this means:
1. Perfect synchronization at all shutter speeds with "M" class synchronizers.
 2. "X" or "F" synchronization at 1/30th second or slower.
 3. Synchronization with popular box cameras.



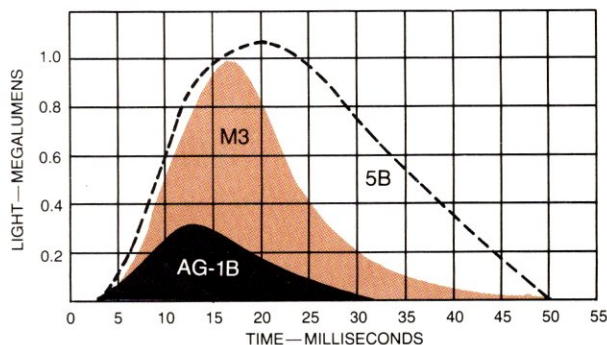
No. 5B



AG-1B . . . M3B . . . 5B FLASHBULBS

Color

GE "Universal Blue" filter coating on blue flashbulbs for correct color balance with all Daylight Type color film and all popular black & white film.



SPECIFICATIONS

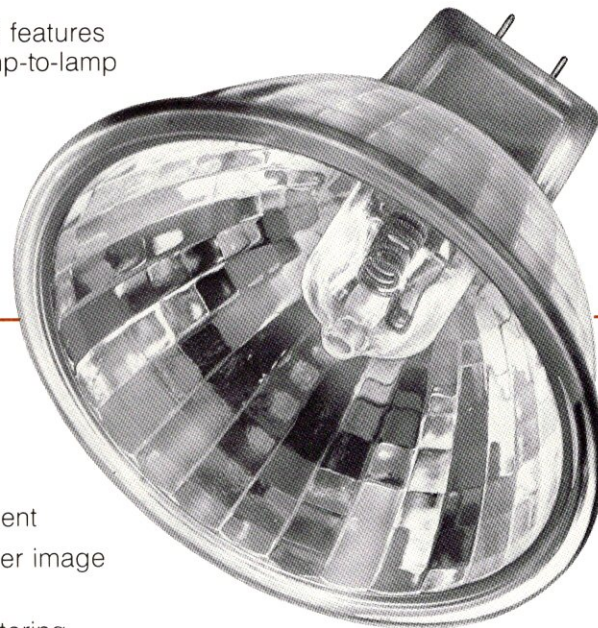
Ordering Abbreviation	Bulb	Base	Flashing Voltage Range	Bulb Dia. Inches	Max. Over-all Length, Inches	Approx. Lumen Seconds	Approx. Peak Lumens	Approx. Time to Peak Seconds	Standard Carton Quantity	Standard Case Quantity (Cartons)
						in thousands				
AG-1B	T-3 $\frac{3}{4}$	Glass Groove	3-45	1 $\frac{5}{32}$	1 $\frac{5}{16}$	5.3	330	.012	12	12
M3	T-6 $\frac{1}{2}$	{ Min. Bay Without Pins }	3-45	1 $\frac{3}{16}$	1 $\frac{13}{16}$	16.0	1,000	.0175	12	12
M3B	T-6 $\frac{1}{2}$		3-45	1 $\frac{3}{16}$	1 $\frac{13}{16}$	11.5	610	.0175	12	12
5B	B-11	S.C. Bay.	3-45	1 $\frac{3}{8}$	2 $\frac{5}{8}$	11	830	.020	12	12

GE QUARTZLINE® LAMPS

Multi-Mirror™ LAMPS

Invented By GE For Optimized Projection System Performance.

Multi-Mirror is a reflector Quartzline lamp with innovative GE features that result in better system efficiency, screen uniformity, lamp-to-lamp consistency and relamping convenience.



Feature

- dichroic reflector
- precise rim reference
- faceted reflector
- Quartzline lamp

Benefit

- cool light beam
- efficient light reflection
- quick lamp installation
- accurate snap-in alignment
- efficient beam for brighter image
- uniform screen image
- no bulb blackening/blistering
- constant light output through life
- stable color temperature

Applications

- Slide Projection
- Front/Rear Screen Projection
- Microfilm
- Overhead Projection
- 16mm Movie
- 8mm Movie
- Color Enlarger
- Fiber Optics
- Filmstrip
- Medical Instruments
- Display Lighting—NEW!

Each GE Multi-Mirror lamp type is optically tailored to its application. First, the appropriate type of multi-faceted reflector is determined. Then, a filament tube is developed using advanced Quartzline technology and the two are combined by sophisticated precision-assembly techniques. The result—consistently high performance . . . lamp after lamp after lamp.

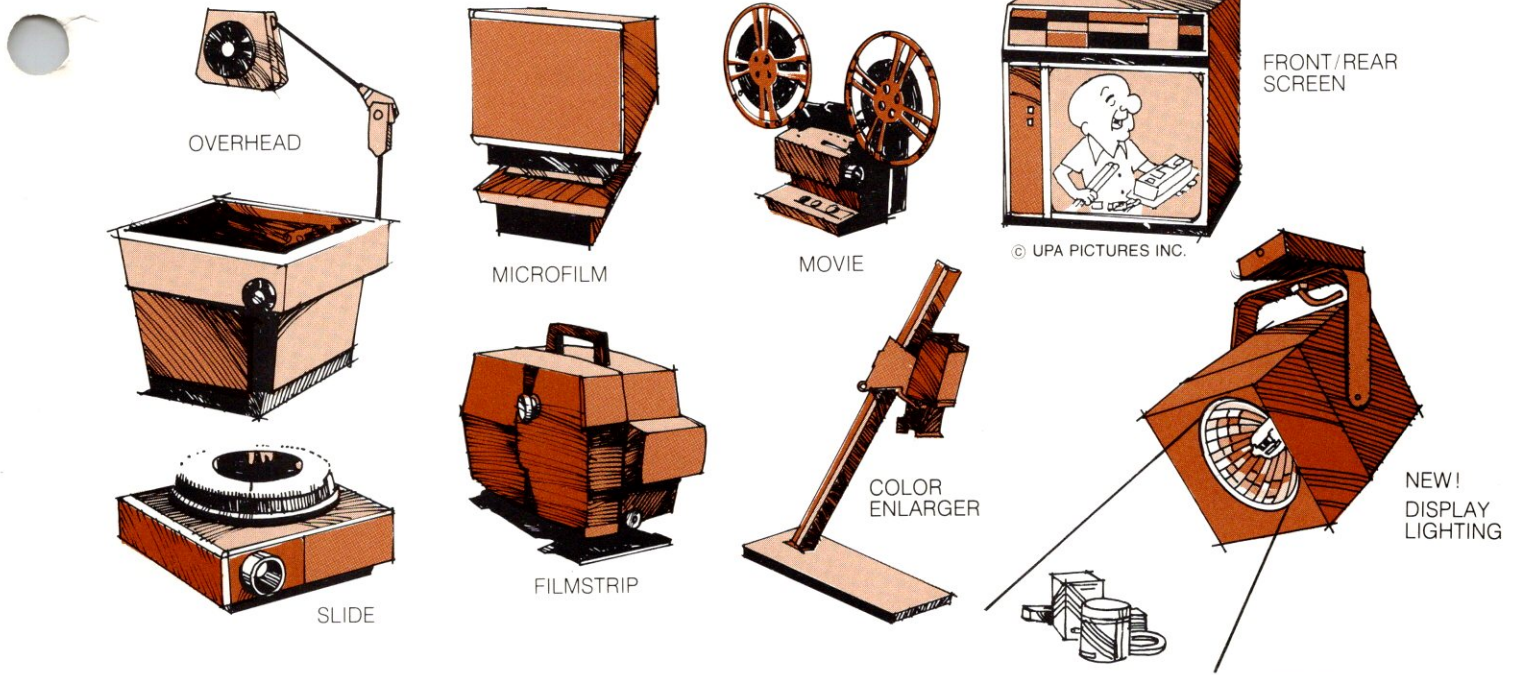
Every GE Quartzline Lamp Features:

the almost miraculous regenerative-cycle phenomenon which assures . . .

- Exceptionally long life . . . hours longer than comparable non-halogen types.
- High light output . . . same throughout life.
- Stable color temperature . . . to end of life.
- Clean operation . . . won't blacken during life—and . . .
- Each standard or high volt lamp is internally fused.

GE QUARTZLINE® LAMPS

Multi-Mirror™ QUARTZLINE® LAMPS



Multi-Mirror™ QUARTZLINE®

SPECIFICATIONS (2" diameter reflector, 1 3/4" Maximum Overall Length) MR-16 MM Reflector

Lamp Code	Application	Watts	Volts	Average Rated Life (Hours)	Rim Reference Mounting Distance	Filament	Approximate Color Temperature °K	Base / ANSI
DDK	Filmstrip projection	80	19	40	6"	CC-6	3300	2-pin/GX5.3
DDL	Microfilm	150	20	500	7 3/4"	CC-6	3200	2-pin/GX5.3
DDM	Slide projection	80	19	50	6"	CC-6	3400	2-pin/GX5.3
DDS	Microfilm	80	21	1000	6 1/2"	CC-6	3125	2-pin/GX5.3
DED	Microfilm	85	13.8	1000	6 1/2"	CC-6	3150	2-pin/GX5.3
DJT	Microfilm	50	13.8	1000	6"	CC-6	3150	2-pin/GX5.3
EFM	8mm projection	50	8	50	1 1/4"	C-6	3300	2-pin/GZ6.35
EFN	8mm projection	75	12	50	1 1/4"	CC-6	3350	2-pin/GZ6.35
EFP	8mm projection	100	12	50	1 1/4"	CC-6	3350	2-pin/GZ6.35
EFR	8mm projection	150	15	50	1 1/4"	CC-6	3350	2-pin/GZ6.35
EJL	16mm color printer	200	24	50	1 1/4"	CC-6	3400	2-pin/GX5.3
EJM	8mm projection	150	21	40	1 1/2"	CC-6	3350	2-pin/GX5.3
EJZ	8mm projection	80	30	25	2 7/8"	CC-6	3350	2-pin/GX5.3
EKE	8mm projection	150	21	200	1 3/4"	CC-6	3250	2-pin/GX5.3
EKG	8mm projection	80	19	25	1 3/4"	CC-6	3400	2-pin/GX5.3
EKN	Microfilm	120	17.5	130	1 1/2"	CC-6	3200	2-pin/GX5.3
EKP	8mm projection	80	30	25	1 3/4"	CC-6	3350	2-pin/GX5.3
EKX	Microfilm	200	24	25	5 1/2"	CC-6	3400	2-pin/GX5.3
EKZ	16mm projection	30	10.8	200	1 1/2"	C-6	3100	2-pin/GX5.3
ELC	16mm color printer	250	24	50	1 1/4"	CC-6	3400	2-pin/GX5.3
ELD/EJN	Microfilm	150	21	40	2"	CC-6	3350	2-pin/GX5.3
ELH	Slide projection	300	120	35	5 5/8"	CC-8	3350	Oval 2-pin/GY5.3
EMC°	Microfilm	100	12	200	5 5/8"	CC-6	3100	2-pin/GX5.3
ENG°	Slide projection	300	120	15	5 5/8"	CC-8	3450	Oval 2-pin/GY5.3
ENH	Slide projection	250	120	175	5 5/8"	CC-8	3250	Oval 2-pin/GY5.3
ENL	Display Lighting	50	12	3000	1 1/2"	C-6	3050	2-pin/GX5.3
ENW	8mm projection	80	19	200	1 3/4"	CC-6	3200	2-pin/GX5.3
ENX	Overhead projection	360	82	75	11 3/4"	CC-8	3300	Oval 2-pin/GY5.3
EPK	8mm projection	80	30	15	1 3/4"	CC-6	3400	2-pin/GX5.3
EPN	8mm projection	35	12	50	1 9/64"	C-6	3300	2-pin/GX5.3
EPT	Fiber optics	42	10.8	8000	1 3/8"	C-6	2900	2-pin/GX5.3
EPV	Microfilm	90	14.5	500	6 1/4"	CC-6	3150	2-pin/GX5.3
EPW	Overhead projection	360	100	75	11 3/4"	CC-8	3300	Oval 2-pin/GY5.3
EPX	Microfilm	90	14.5	500	6 1/2"	CC-6	3150	2-pin/GX5.3
EPZ	Microfilm	50	13.8	1000	4 1/2"	CC-6	3150	2-pin/GX5.3
ERV	Overhead projection	340	36	75	11 3/4"	CC-8	3300	2-pin/GX5.3
ESC	8mm projection	200	24	25	1 1/4"	CC-6	3400	2-pin/GX5.3
ESD	Color enlarger	150	120	12	1 3/4"	CC-8	3350	Oval 2-pin/GY5.3
ESJ	Color enlarger	85	82	40	—	CC-8	3350	Oval 2-pin/GY5.3
ESX	Microfilm	25	13.8	500	4 1/4"	CC-6	3150	2-pin/GX5.3
EVW	Overhead projection	250	82	50	11 3/4"	CC-8	3300	Oval 2-pin/GY5.3
FHX	Microfilm	25	13.8	250	4 1/4"	CC-6	3200	2-pin/GX5.3

° Special order lamps. See PH3200 for details.

GE QUARTZLINE® LAMPS

QUARTZLINE® LAMPS (Continued)

Micro-Mirror™ LAMP



SPECIFICATIONS (BASE: AXIAL BUTTON CONTACT) MR-13 Plastic Aluminized Reflector

Lamp Code	Application	Watts	Volts	Average Rated Life (Hours)	Rim Reference Mounting Distance	Filament	Approximate Color Temperature °K	Base
EWM	Microfilm	12	12	200	1 ⁵ / ₆₄ "	C-6	3150	Axial Button
FHL	Microfilm	18	12	75	1 ⁵ / ₆₄ "	C-6	3250	Axial Button
FHZ	Microfilm	6	6	75	1 ⁵ / ₆₄ "	C-6	3250	Axial Button

REFLECTOR QUARTZLINE®



SPECIFICATIONS (2" diameter reflector, 1³/₄" Maximum Overall Length) MR-16 Reflector

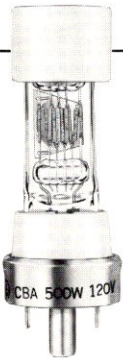
Lamp Code	Application	Watts	Volts	Average Rated Life (Hours)	Rim Reference Mounting Distance	Filament	Approximate Color Temperature °K	Base/ ANSI
EJA	Fiber optics	150	21	40	1 ¹ / ₄ "	CC-6	3350	2-pin/GX5.3
EJV	8mm color printer	150	21	40	1 ³ / ₄ "	CC-6	3350	2-pin/GX5.3
EJY	Fiber optics	80	19	25	1 ¹ / ₂ "	CC-6	3400	2-pin/GX5.3
ELB	8mm projection	80	30	15	1 ¹ / ₄ "	CC-6	3400	2-pin/GX5.3
ENZ	8mm projection	50	30	25	1 ³ / ₈ "	CC-6	3450	2-pin/GX5.3

2-PIN VENTED BASE REFLECTOR QUARTZLINE®



SPECIFICATIONS (1³/₄" diameter reflector, 1.70" Maximum Overall Length)

Lamp Code	Application	Watts	Volts	Average Rated Life (Hours)	Pin Reference Mounting	Filament	Approximate Color Temperature °K	Reflector Bulb	Base/ ANSI
BHB	16mm projection	250	120	25	2 ¹ / ₂ "	CC-8	3350	MR-14	Std. volt/G7.9
BJW	8mm projection	35	12	50	2 ¹ / ₂ "	C-6	3350	MR-14	Low volt/GX7.9
DNE	8mm projection	150	120	12	2 ³ / ₄ "	CC-8	3350	MR-16**	Std. volt/G7.9
DNF	8mm projection	150	21	25	2 ³ / ₄ "	CC-6	3400	MR-16**	Low volt/GX7.9
ELE/ELT	8mm projection	80	30	20	3 ¹ / ₄ "	CC-6	3450	MR-14	Low volt/GX7.9
ELS/ELR	Microfilm	50	16	650	8"	CC-6	3300	MR-14	Low volt/GX7.9
EMM/EKS	16mm projection	250	24	50	2 ¹ / ₂ "	CC-6	3400	MR-14	Low volt/GX7.9
EPG	8mm projection	80	21	100	3 ¹ / ₄ "	CC-8	3300	MR-14	Low volt/GX7.9



4-PIN BASE QUARTZLINE®

SPECIFICATIONS (ANSI Base designation: G17q)

Lamp Code	Watts	Volts	Bulb	Filament	Average Rated Life (Hours)	Light Center Length (Inches)	Maximum Overall Length (Inches)	Approximate Color Temperature °K
BCK	500	120	T-6	C-13D	50	1 ¹ / ₄ "	3 ¹ / ₃₂ "	3200
CBA	500	120	T-6	C-13D	50	1 ³ / ₄ "	3 ⁵ / ₈ "	3200
DYY/EGH	500	120	G-6	CC-6	50	1 ⁹ / ₁₆ "	2 ⁷ / ₈ "	3250
EGX°	500	120	T-6	C-13D	200	1 ³ / ₄ "	3 ⁵ / ₈ "	3100

DOUBLE-ENDED QUARTZLINE®

SPECIFICATIONS WITH RSC (Recessed Single Contact) BASE: (R7s)

Lamp Code	Watts	Volts	Average Rated Life (Hours)	Approximate Source Size † (Inches)	Approximate Initial Lumens	Approximate Color Temp. °K	Bulb
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SPECIFICATIONS (Lamps with 2³/₈" Overall Length)

DDN	200	20	100	.330 x .155	4600	3150	T-3
FCK°	170	20	100	.330 x .155	4300	3150	T-3

SPECIFICATIONS (Lamps with 2⁵/₈" Overall Length)

FAL	420	120	75	.35 x .17	11,000	3200	T-4
FFJ	600	120	75	.60 x .17	17,000	3250	T-4

**2" Diameter Reflector ° Special order lamps. See PH3200 for details †Source tolerances not included

GE QUARTZLINE® LAMPS

QUARTZLINE® LAMPS (Continued)

DOUBLE-ENDED QUARTZLINE®

SPECIFICATIONS WITH RSC (Recessed Single Contact) BASE (R7s)

Lamp Code	Watts	Volts	Average Rated Life (Hours)	Approximate Source Size † (Inches)	Approximate Initial Lumens	Approximate Color Temp. °K	Bulb
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SPECIFICATIONS (Lamps with 3 1/8" Overall Length)

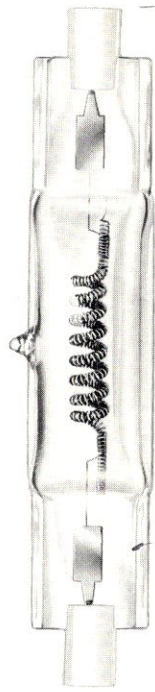
DWY/FAB	650	120	25	.60 x .15	20,000	3400	T-4*
DWZ	375	30	1000	.35 x .18	7,500	2900	T-4
DXX	800	230,240	75	.90 x .17	20,500	3200	T-4*
FAD	650	120	100	.70 x .19	16,500	3200	T-4
FBX	650	120	100	Frosted FAD	16,500	3200	T-4
FFM	420	120	75	.50 x .25	11,000	3200	T-4

SPECIFICATIONS (Lamps with 3 3/4" Overall Length)

BRH	1000	120	75	.70 x .21	30,000	3300	T-5
DXN	1000	120	50	.70 x .22	33,000	3400	T-5*
DXW	1000	120	150	.70 x .21	28,000	3200	T-5
FBY	1000	120	150	Frosted DXW	28,000	3200	T-5
FCB	600	120	75	.45 x .18	17,000	3200	T-4
FGD°	500	120	100	.40 x .17	13,000	3200	T-4*

SPECIFICATIONS (Lamps with 4 3/8" Overall Length)

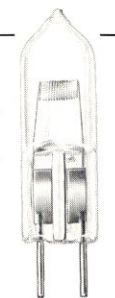
DYA	1000	120	150	.70 x .21	28,000	3200	T-5
ELJ	1050	120	75	.80 x .21	30,000	3200	T-5‡



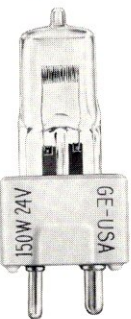
SINGLE-ENDED QUARTZLINE®

SPECIFICATIONS (Lamps with 2-Contact Base)

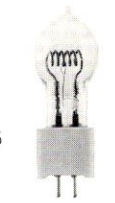
Lamp Code	Watts	Volts	Average Rated Life (Hours)	Approximate Source Size † (Inches)	Filament	Approximate Initial Lumens	Approximate Color Temperature °K	Bulb	Base/ANSI
BVE	600	120	75	.35 x .35	C-13D	—	3200	T-6	2-Pin Pf./GZ9.5
DDJ/DZZ	80	10	1000	.17 x .10	C-6 Oval	1,400	3000	T-3	2-Pin Pf./GZ9.5
DDP	132	22	125	.17 x .19	C-6 Oval	3,600	3300	T-4	2-Pin Pf./GZ9.5
DVY	650	120	25	.50 x .20	CC-6	20,000	3400	G-6*	Min. 2-Pin/G5.3
DYF	140	19.3	50	.20 x .10	CC-6	4,000	3200	T-3	Min. 2-Pin/G5.3
DYG	250	30	15	.25 x .15	CC-6	7,000	3400	G-6	2-Pin Pf./GZ9.5
DYH	600	120	75	.50 x .25	CC-6	17,000	3200	G-7	Min. 2-Pin/G5.3
DYJ	650	230	20	.45 x .45	CC-2P	20,000	3400	G-7*	Min. 2-Pin/G5.3
DYP	600	120	75	.50 x .25	CC-6	17,000	3200	G-7	2-Button
DYR	650	220,240	50	.45 x .45	2CC-8	16,500	3200	G-7	2-Pin Pf./GZ9.5
DYS/DYV/BHC	600	120	75	.50 x .25	CC-6	17,000	3200	G-7	2-Pin Pf./GZ9.5
DYT	80	19	25	.20 x .10	CC-6	2,600	3350	T-3	Min. 2-Pin/G5.3
DZA°	30	10.8	400	.15 x .05	C-6	800	3100	T-3 1/2	Min. 2-Pin/G5.3
DZB	100	12	50	.20 x .10	C-6	2,800	3300	T-3	Min. 2-Pin/G5.3
DZE/FDS	150	24	100	.25 x .15	C-6 Oval	4,500	3250	T-4	2-Pin Pf./GZ9.5
DZL°	100	19	150	.20 x .80	CC-6	2,600	3250	T-3	Min. 2-Pin/G5.3
EHA	500	120	50	.35 x .35	C-13D	—	3300	T-5 1/2	2-Pin Pf./GZ9.5
EKB	420	120	75	.45 x .20	CC-6	11,000	3200	G-7	2-Pin Pf./GZ9.5
EKD	650	120	25	.50 x .20	CC-6	20,000	3400	G-6*	2-Pin Pf./GZ9.5
EKL°	150	21	40	.25 x .10	CC-6	4,650	3350	T-3	2-Pin Pf./GZ9.5
ELA	65	19	25	.15 x .10	CC-6	1,900	3350	T-3	Min. 2-Pin/G5.3
EML	175	24	125	.19 x .21	C-6	5,000	3200	T-4**	Min. 2-Pin/G5.3
FBG/FBD	500	120	50	.50 x .20	CC-6	13,200	3200	G-6*	Min. 2-Pin/G5.3
FCS	150	24	50	.25 x .15	C-6 Oval	4,500	3200	T-4	Glass 2-Pin/G6.35
FCR	100	12	50	.20 x .15	C-6 Oval	2,800	3200	T-3	Glass 2-Pin/GY6.35
FDT	100	12	50	.20 x .10	C-6 Oval	2,900	3300	T-3	2-Pin Pf./GZ9.5
FGW	150	24	200	.18 x .25	C-6 Oval	4,200	3200	T-4	2-Pin Pf./GZ9.5
FDV	150	24	100	.25 x .15	C-6	3,400	3250	T-4	Glass 2-Pin/G6.35



Glass 2-Pin G6.35



2-Pin Pf./GZ9.5



Min. 2-Pin G5.3

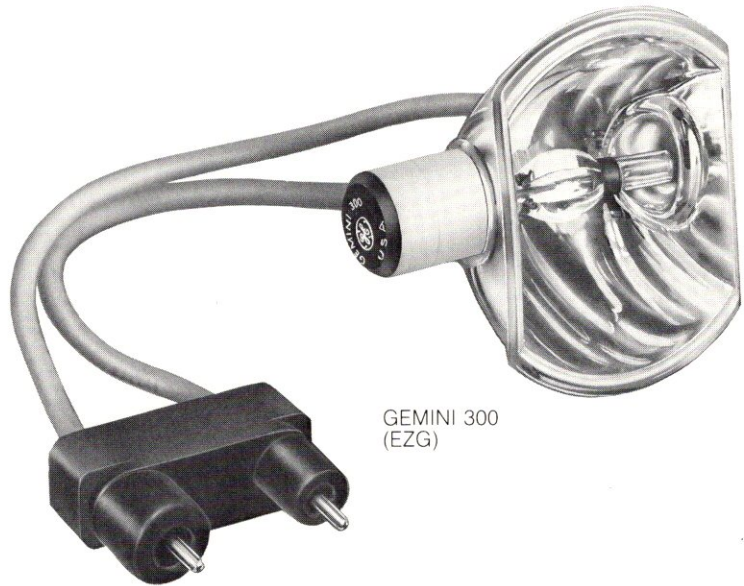
*Ultraviolet absorbing bulb. °Special order lamps. See PH 3200 for details. †Source tolerances not included. ‡Overall length 4 11/16"

GE HIGH INTENSITY ARC LAMPS

Gemini™ AND MARC™

The Optimum Choices For:

- Energy efficiency—60 lumens/watt
- Vivid, natural color rendition
- Daylight color
- Compact, high brightness arc sources
- Flicker free—DC operation
- Optically precise light beam control
- Dichroic reflector optical assembly
- Precise rim reference lamp mounting
- Does not have explosion hazard of Xenon projection lamps



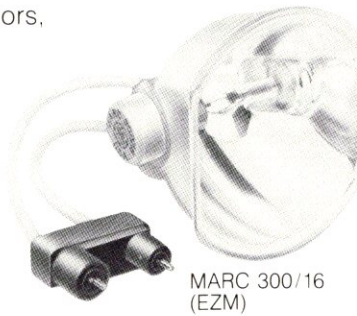
GEMINI 300
(EZG)

NEW—Simplified ANSI Lamp Identification Codes

ANSI Code	Lamp Ordering Code	Watts (Nominal)	Volts (Nominal)	Bulb	Rated Average Life (Hours)	Nominal Color Temperature K
EZG	GEMINI 300 (Replaces MARC-300/16A)	300	35	Quartz Arc Tube in 2 1/4" dichroic reflector	75*	6000
EZM	MARC-300/16	300	37.5	Quartz Arc Tube in 3" dichroic reflector	25	5500
EZT	MARC-350/16T	350	45	Quartz Arc Tube in 3" dichroic reflector	50	5500

*On GE solid state power supplies. Average lamp life is 50 hours on all other GE power supplies.

Originally designed by GE for 16mm film projectors, Gemini and Marc lamps are also being used increasingly where high intensity daylight color is desired from a safe, compact, efficient light source. Gemini and Marc lamps have significantly improved light levels in such applications as medical examination, surgical illumination and follow-spot lighting equipments. The use of Gemini and Marc systems will continue to grow as designers and users discover the unique advantages of these high intensity arc lamps.



MARC 300/16
(EZM)



MARC-350/16T
(EZT)

Power Supply to Operate GEMINI and MARC Lamps

For information on the special power supply used to operate these lamps, contact your equipment manufacturer's product service department or:

General Electric Company
Specialty Transformer Business Department
1701 College Street
Fort Wayne, IN 46804



Gemini™ AND MARC™

High Intensity Arc Lamps Designed For High Brightness And Energy Efficiency.

GE INCANDESCENT PROJECTION LAMPS

In addition to our famous Quartzline® projection lamps, General Electric manufactures a full line of standard 4-pin and other replacement type incandescent projector and sound lamps. These projection lamps are also manufactured to high standards that have made the name of General Electric synonymous with quality and innovation in the lamp industry.

SELECTED 4-PIN PROJECTION LAMPS



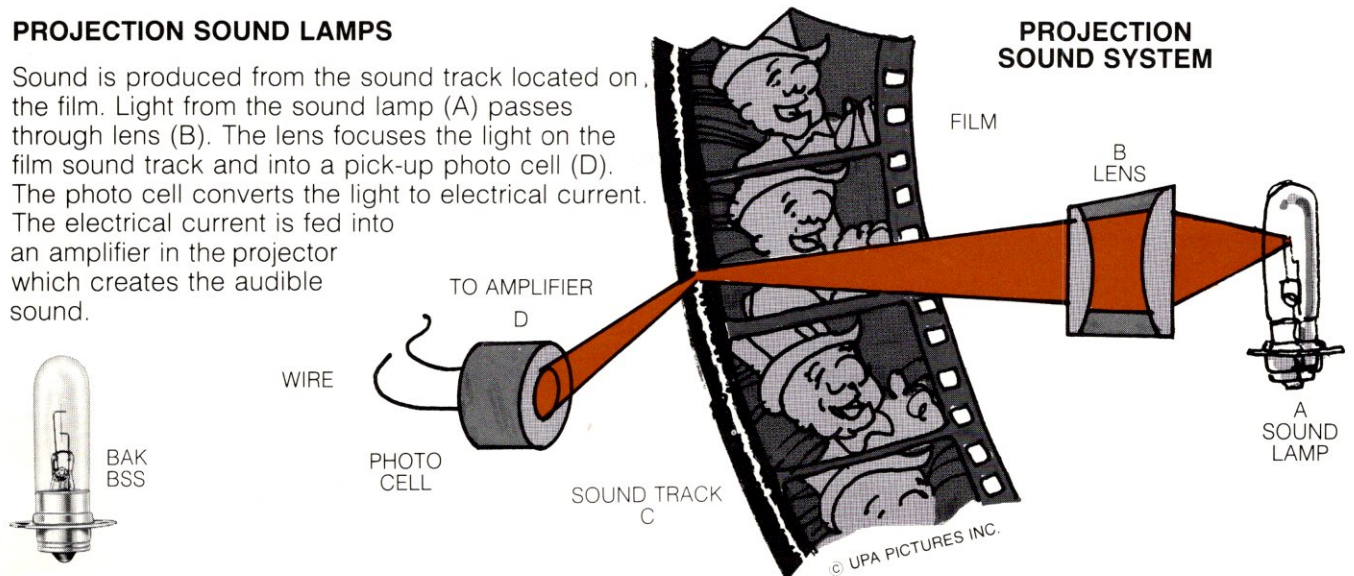
OTHER PROJECTION LAMPS



PROJECTION SOUND LAMPS

Sound is produced from the sound track located on the film. Light from the sound lamp (A) passes through lens (B). The lens focuses the light on the film sound track and into a pick-up photo cell (D). The photo cell converts the light to electrical current. The electrical current is fed into an amplifier in the projector which creates the audible sound.

PROJECTION SOUND SYSTEM



SEE GENERAL ELECTRIC PROJECTION AND SOUND LAMP SPECIFICATIONS PAGES 25 - 33.

GE PHOTOFLOOD LAMPS

REFLECTOR PHOTOFLOOD LAMPS



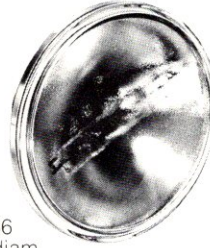
DWE
DXK
PAR-36
4½" diam.



BDK
R-14
1¼" diam.



BEP
EBR
R-30
4½" diam.



FAY
FBE
PAR-36
4½" diam.

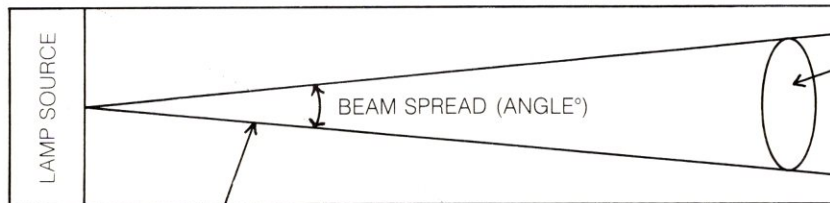


BFA
DXB
DXC
EAL
R-40
5" diam.

REFLECTOR PHOTOFLOOD LAMP SPECIFICATIONS

ANSI Lamp Code	Description, Beam Spread	Watts	Voltage	Bulb	Base	Filament	Average Rated Life (Hours)	Max. Overall Length, Inches	Approx. Initial Candlepower	Approx. Color Temp. K
BDK	Medium Beam—30°— Inside Frost	100	120	R-14	D.C. Bay	CC-2V	4	2¾	3,200	3400
BEP	Medium Beam—20° x 30°— Inside Frost	300	115-120	R-30	Medium	C-9	4	5¼	11,000	3400
BFA	Medium Beam—20° x 30°— Inside Frost	375	115-120	R-40	Medium	C-7A	4	6⅞	12,000	3400
DWE	Quartzline—Medium Beam —30° x 30°—	650	120	PAR-36	Screw Terminal	CC-6	100	2½	24,000	3200
DWH/ DWJ	Medium Beam—25° x 35°— Cinema Light	100	6.3	PAR-36	Screw Terminal	C-6	3	2¾	6,500	3400
DXB	Spot Beam—20°—Inside Frost	500	115-120	R-40	Medium	CC-2V	6	6⅞	38,000	3400
DXC	Flood Beam—90°—Inside Frost	500	115-120	R-40	Medium	C-9	6	6⅞	5,500	3400
DXE	Flood Beam—90°—Inside Frost	500	125	R-40	Medium	C-9	6	6⅞	6,500	3400
DXK	Quartzline—Medium Beam— 30° x 40°	650	120	PAR-36	Ferrule Contact	CC-6	30	2⅞	30,000	3400
DZR	Medium Beam—20° x 30°	250	120	PAR-36	2-Prong	CC-6	4	3	18,000	3400
EAH	Flood Beam—90°—Inside Frost	500	220-240	R-40	Medium	C-9	6	6⅞	5,000	3400
EAL	Medium Beam—20° x 30°— Inside Frost	500	120	R-40	Medium	CC-2V	15	6⅞	6,800	3200
EBR	Medium Beam—40°—Inside Frost	375	115-120	R-30	Medium	CC-6	4	5¼	14,000	3400
FAY	Quartzline—Daylight—Spot Beam—15° x 25°	650	120	PAR-36	Ferrule Contact	CC-6	30	2⅞	35,000	5000
FBE	Quartzline—Daylight—Spot Beam—15° x 25°	650	120	PAR-36	Screw Terminal	CC-6	30	2½	35,000	5000
FBJ	Quartzline—Spot Beam—15° x 25°	650	120	PAR-36	Ferrule Contact	CC-6	30	2⅞	75,000	3400
FBO	Quartzline—Spot Beam— 15° x 25°	650	120	PAR-36	Screw Terminal	CC-6	30	2½	75,000	3400
FCW	Quartzline—Flood—55° x 60°	650	120	PAR-36	Ferrule Contact	CC-6	100	2⅞	9,000	3200
FCX	Quartzline—Medium Beam— 30° x 40°	650	120	PAR-36	Ferrule Contact	CC-6	100	2⅞	24,000	3200
FGK	Quartzline—Medium Beam— 30° x 40°	650	120	PAR-36	Screw Terminal	CC-6	30	2½	24,000	5000*
FGR/ FBM	Medium Beam—20° x 30°	250	120	PAR-36	2-Prong	CC-6	4	3	18,000	3400
FGS/ DWA	Medium Beam—20° x 30°	250	120	PAR-36	Ferrule Contact	CC-6	4	2⅞	18,000	3400

BEAM SPREAD MEASUREMENT



*Edge of light cone defined by 50% of center beam illumination.

For example: the FAY reflector photoflood has approximate beam spread angles of 15° x 25°

GE PHOTOFLOOD LAMPS

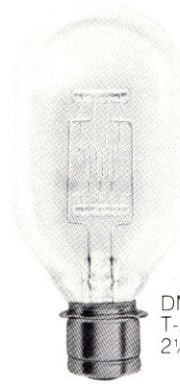
STANDARD PHOTOFLOOD LAMPS



BBA
ECA
A-21
2⁵/₈" diameter



BHH
BNF
S-11
1³/₈" diameter



DMX
T-20
2¹/₂" diameter



EBV
ECT
PS-25
3¹/₈" diameter



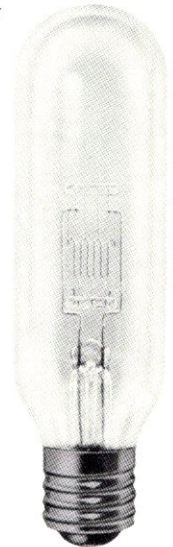
EBW
PS-25
3¹/₈" diameter



BCA
A-21
2⁵/₈" diameter



DXR/DXS
P-35
4³/₈" diameter



DPT
T-20
2¹/₂" diameter

STANDARD PHOTOFLOOD LAMP SPECIFICATIONS

ANSI Lamp Code	Description	Watts	Voltage	Bulb	Base	Filament	Rated Average Life (Hours)	Max. Overall Length, Inches	Approx. Initial Lumens	Approx. Color Temp. K
BBA	No. 1 — Inside Frost	250	115-120	A-21	Medium	C-9	3	4 ¹⁵ / ₁₆	8,500	3400
BCA	No. B1 — Blue — Inside Frost	250	115-120	A-21	Medium	C-9	3	4 ¹⁵ / ₁₆	5,000	4800
BHH	Movie Light	100	120	S-11	D.C. Bay.	CC-2V	15	2 ³ / ₈	2,000	3200
BNF	Movie Light	75	115-125	S-11	D.C. Bay.	CC-2V	25	2 ³ / ₈	1,300	2900
DMS	Clear	500	115-120	T-20	Medium	C-13	50	5 ¹ / ₂	13,200	3200
DMX	Clear	500	115-120	T-20	Med. Prefocus	C-13	50	5 ³ / ₄	13,200	3200
DPT	Clear	1000	115-120	T-20	Mogul	C-13	50	9 ¹ / ₁₆	28,000	3200
DPW	Clear	1000	115-120	T-20	Mogul Prefocus	C-13	50	9 ¹ / ₂	28,000	3200
DXR/ DXS	No. 4 — Inside Frost	1000	115-120	PS-35	Mogul	C-9	10	9 ³ / ₈	31,000	3400
EBV	No. 2 — Inside Frost	500	115-120	PS-25	Medium	C-9	6	6 ¹⁵ / ₁₆	17,000	3400
EBW	No. B2 — Blue — Inside Frost	500	115-120	PS-25	Medium	C-9	6	6 ¹⁵ / ₁₆	10,500	4800
ECA	Inside Frost	250	120	A-23	Medium	C-9	20	6	6,500	3200
ECT	Inside Frost	500	120	PS-25	Medium	C-9	60	6 ¹⁵ / ₁₆	13,650	3200
ECV	Inside Frost	1000	120	PS-40	Mogul	C-7A	60	9 ³ / ₄	26,500	3200

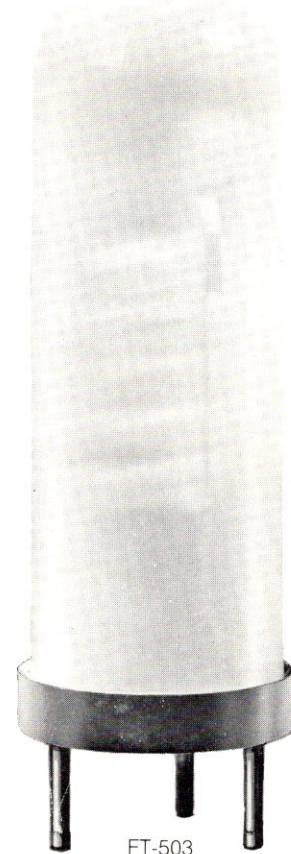
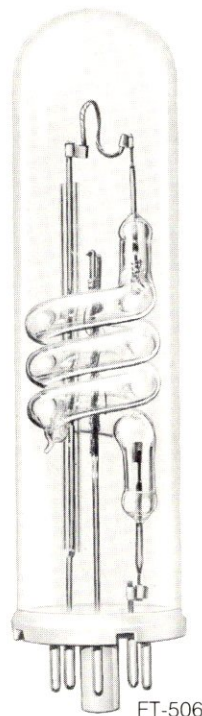
GE FLASHTUBES

FLASHTUBES FOR PROFESSIONAL PHOTOGRAPHY AND SIGNAL BEACON

If you wish to stop fast action, shoot several flashes per second, or shoot several thousands of flashes with one lamp . . . a flashtube is the answer.

A flashtube produces a brilliant flash of blue-white light lasting from 1/200th to 1/1,000,000th second, depending on the particular lamp and power supply. The daylight color makes excellent pictures on black and white film as well as on daylight type color films.

The short flash duration from a flashtube provides an excellent light source for signal beacon or emergency flashers.



SPECIFICATIONS

Flashtube Number	Outer Bulb	Base	Design Voltage	Max. Watt Seconds	Approx. Max. Lum.-sec. Thousands	Approx. Source Dimensions, Inches		L.C.L. Inches	M.O.L. Inches	Max. Continuous Flash Rate @ Max. Watt Sec.
						Width	Height			
FT-152A	None	Radio Octal	400	200	7	1 1/8	13/16		2 1/2	4 per min.
FT-118G	None	Wafer 3-pin	500	200	7	3/4	3/4		2 1/2	8 per min.
FT-120GC	T-10	Radio 4-pin	500	200	7	3/4	3/4	1 5/8	2 3/8	6 per min.
FT-503	T-18IF	Large 3-pin	4000	2000	100	1 1/8	2 3/8	3	6 3/4	1 per min.
FT-506	T-11	Octal 5-pin	900	1000	40	1 1/8	1	2 1/8	4 7/8	1 per min.

GENERAL PURPOSE LINEAR FLASHTUBES



Recently developed, these linear flashtubes provide excellent sources for applications where high loading, fast repetition rates and long life are required. Applications include copy machines, warning devices and photography.

SPECIFICATIONS

Flashtube Number	Voltage Range	Max. Watt Seconds	Max. Power	Tube Dia.	M.O.L. Inches	Arc Gap Inches	Life—Millions of Flashes
FT-61-8	2000 4000	275	500	7mm	11.25	8	3.0
FT-61-12H	2800 3300	50	100	7mm	15.18	12	7.5
FT-61-17H	3600 4100	75	150	7mm	20.18	17	7.5
FT-62-16	1000 2000	75	85	9mm	19.25	16	6
FT-62-19	1000 2500	100	110	10mm	22.5	19	6

Additional information on these lamps may be obtained by writing "Flashtubes", Department #3221, Nela Park, Cleveland, Ohio 44112.

GE FLASHTUBES

SMALL LINEAR FLASHTUBES FOR ELECTRONIC FLASH CAMERAS

GE introduces a new line of miniature linear flashtubes specifically designed and tailored for electronic flash cameras and warning devices. These small, compact flashtubes are used in cameras with built-in electronic flash.

Additional information on these lamps and others may be obtained by writing: GE Photo Lamp Department #3221, Nela Park, Cleveland, Ohio 44112.



SPECIFICATIONS

Flashtube Number	Volts	Maximum Watt Second	Maximum Power	Arc Gap mm	Tube Diameter mm	M.O.L. mm
FT-18-01P	200	25	3	18	3.6	42
FT-19-30K	280	30	3	19	3.6	41
FT-20-25U	280 min.	25	3	20	3.6	40
FT-25-35U	280 min.	35	4	25	3.6	45
FT-30-40U	280 min.	40	4	30	3.6	50

GE PULSED XENON ARC LAMPS

PXA LAMPS FOR THE GRAPHIC ARTS



PXA-44
PXA-45
PXA-47



PXA-50
PXA-56
PXA-80

PXA

(Pulsed Xenon Arc) family . . . designed for the Graphic Arts Industry. They pulse 120 times/second . . . @ 1/1000th second/flash . . . and provide:

1. High light output.
2. Stable color temperature (6000°K) . . . from ultraviolet to infrared.
3. Increased production.
4. Lower power consumption.
5. Lower cost operation.

PXA-50, PXA-56 & PXA-80 . . .

Typical helical source . . . small . . . powerful . . . used in ultra-small, highly efficient reflectors . . . on copyboards . . . or for plate making.

SPECIFICATIONS

PXA Number	Case Qty.	Base	Power Supply	Max. Watt	Lumens	Tube Dia. Inches	M.O.L. Inches
PXA-44	12	Wire term.—Ceramic caps	Special Ballast	600 watts	18 000	3/8	9 1/2
PXA-45	12	Wire term.—Ceramic caps	Special Ballast	1500 watts	37 500	3/8	15 1/2
PXA-47	12	Wire term.—Ceramic caps	Special Ballast	3000 watts	84 000	3/8	27 1/2
PXA-50	24	Wire term.—Ceramic caps	Special Ballast	4000 watts	125 000	3/8	4 5/8
PXA-56	24	Wire term.—Ceramic caps	Special Ballast	1500 watts	45 000	3/8	4 5/8
PXA-80	1	Wire term.—Ceramic caps	Special Ballast	8000 watts	240 000	3/8	4 5/8

GE ENLARGER LAMPS

Discerning amateur and professional photographers have long preferred GE enlarging lamps because their smooth light distribution makes sharp, professional-looking enlargements a matter-of-fact operation. When the enlarger is equipped with a GE lamp, you know you have the best-possible distribution of the right color light . . . whether you print black and white or color photographs.

There is a special General Electric lamp for every enlarger. It makes no difference whether it is a vertical or horizontal enlarger . . . or whether it has a condenser, diffusion, or combination lamphouse system.



PH/300
PH/302



PH/211
PH/212
PH/213



PH/140
PH/1400

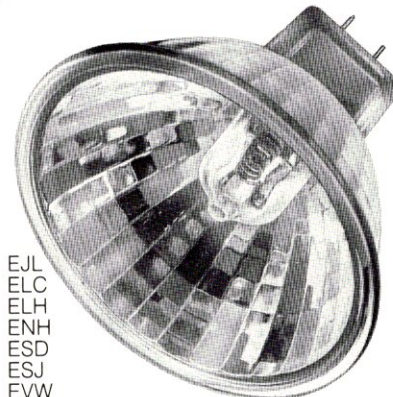


PH/111A

Multi-Mirror™

- Newest color enlarging lamps
- Uniform color illumination
- Consistent color temperature throughout life
- Precise optical alignment, lamp after lamp
- Efficient beam for brighter image

... for best results, always specify Multi-Mirror lamps from General Electric.



EJL
ELC
ELH
ENH
ESD
ESJ
EVW

GE PHOTO LAMP PRODUCTS—SPECIFICATIONS

Lamp Ordering Abbreviation	Watts	Nominal Voltage	Average Rated Life (Hours)	Approx. Initial Lumens	Bulb	Base	Approx. Color Temp. °K.
PH/111A Photo Enlarger	75	125	25	1120	S-11	S.C. Bay. ⁽¹⁾	2900
PH/113 Photo Enlarger	50	115-125	50	700	S-11	S.C. Bay. ⁽¹⁾	—
PH/140 Photo Enlarger	75	120	50	1200	S-14	Medium	2900
PH/211 Photo Enlarger	75	115-125	100	1200	A-21	Medium	3000
PH/212 Photo Enlarger	150	115-125	100	2800	A-21	Medium	3050
PH/213 Photo Enlarger	250	115-125	3	7000	A-21	Medium	3400
PH/300 Photo Enlarger	150	115-125	100	2800	PS-30	Medium	3050
PH/302 Photo Enlarger	500	115-125	100	11000	PS-30	Medium	3200
PH/1400 Photo Enlarger	75	230	50	—	S-14	Medium	2900
BBA No. 1 Photoflood	250	115-125	3	8500	A-21	Medium	3400
BEV	150	20	50	4000	G-16½	S.C. Pf.	3290
DLS/DLG/DHX	150	21	15	—	T-14	4-Pin	3250
DMS	500	115-120	50	13200	T-20	Medium ⁽¹⁾	3200
EJL Multi-Mirror	200	24	50	—	MR-16MM	2-Pin/GX5.3	3400
EJV Reflector Quartzline®	150	21	40	—	MR-16	2-Pin/GX5.3	3350
ELC Multi-Mirror	250	24	50	—	MR-16MM	2-Pin/GX5.3	3400
ELH Multi-Mirror	300	120	35	—	MR-16MM	Oval 2-Pin/GY5.3	3350
ENH Multi-Mirror	250	120	175	—	MR-16MM	Oval 2-Pin/GY5.3	3250
ESD Multi-Mirror	150	120	12	—	MR-16MM	Oval 2-Pin/GX5.3	3350
ESJ Multi-Mirror	85	82	40	—	MR-16MM	Oval 2-Pin/GX5.3	3350
EVW Multi-Mirror	250	82	50	—	MR-16MM	Oval 2-Pin/GY5.3	3300

⁽¹⁾ Burning position—base down to horizontal. Use only in equipment that provides adequate ventilation.

GE ENLARGER LAMPS

ENLARGER LAMP EQUIPMENT GUIDE

COMPANY	MODEL	LAMP	COMPANY	MODEL	LAMP
Accura Division, Interphoto Corp.	Accura 35 Accura 66	PH/211 PH/211	De Jur Amsco Corp.	Versatile I, II, Pro- fessional	PH/211-PH/212
Agfa—Gevaert, Inc.	Color Head Varioskop 35/44-60	CVS PH/212,213, 2120,2130	De Vere	108AF, 203, 500, 504, 507, 508H, 5108, 1085, 810H Color Head	(Either Lamp Check Housing) ELH, ELC
Airequipt Mfg. Co., Inc.	35 mm	PH/111A	Durst (USA) Inc. (EPOI)	R-305 (Reporter), 404, 606, 609 M600, A600/ DA900 F30, F60 M-35 (Micromat), U-70 (Unomat), D-659 (Duomat)	PH/211,PH/212 PH/211,PH/212, PH/211,PH/212 PH/211,PH/212 EJL PH/213,PH/301, PH/302
Alco Photo Supply Corp.	Filmarex II, Filmarex, Filmarus	PH/211-PH/212	Laborator 54, M-301, M-601 M-700 L1000, L1200, 401 Laborator 138	PH/211,PH/212, PH/211,PH/212 PH/211,PH/212 EJL PH/213,PH/301, PH/302	
All-Quality Products	Universal, Deluxe	PH/212	Micro 138, S-45 EM	BHD	
American Gauge & Mfg. Co.	Teletube Kopykit Conversion	PH/211	Process Color Separator G139, G-184, V-184 RS/35, M300 J-35, J-66 402/L138S, 403/ V184, D184 CLS-450 Colorhead Colorheads CLS-35, -66, -70, -30 PRO/CLS 500, L1200/CLS 500, PRO/CLS 450, L1200/CLS 450	PH/213,PH/302 60A PH/1113 ELC ELC EKG ELC	
American Photo Laboratories	Precise No. 125, No. 160, No. 160A	PH/211	L138S/CLS 301, L184/CLS 301, L1800/CLS 301	ELH	
American Photo Products Co.	Speed Mask	BBA, PH/213	Eastman Kodak Co.	Autofocus B C, D, & E A (4 x 5) B (4 x 5) C (5 x 7) B (5 x 7) C D	PH/302 PH/301-PH/302 100A/CL BBA, PH/213 PH/213, BBA, PH/355 PH/302 PH/302
A.P. Products	Jiffy Photo Enlarger	PH/211	Elipton Auto Focus 1 & 1W (4 x 5) Elipton Auto Focus F (5 x 7) Color Enlarger Model 1 Model 2 Flurolite, Hobbyist Projection Printer No. 2 Precision A B Advance Portable Miniature Miniature A & B Home Enlarger 16 mm Enlarger	ECA PH/211 BEP DCA FC8T9/CW PH/521 PH/212-PH/211 PH/212-PH/213 PH/211-PH/212 PH/111A BBA, PH/213 60A BBA, PH/213	
Argus, Inc.	E, EA, EA2, EAE, EAL, EC, ECL EF (Speed Printer), EFA Argostat	PH/111A BBA, PH/213 PH/111A PH/211-PH/212	BM Miniature Autofocus 5 x 7 Autofocus 8 x 10 Commercial C-2,8x10 Special SP-2, 5 x 7 Model S, Studio S-2, 5 x 7, AM-3 10 x 10 Aerial & Mapping Model 120, 129 SP25, 5 x 7	PH/211-PH/212 PH/300-PH/301- PH/302 PH/300-PH/301- PH/302 PH/300 PH/211-PH/212 PH/300-PH/301- PH/302 PH/211-PH/212 PH/300-PH/301	
Austin Machine & Tool Co.	Austin Custom Built	PH/211-PH/212	Engineered Products Co.	Uticam V Model H	PH/213 BBA, PH/213
Beseler Photo Mktg., Inc.	45M, 45AF, 45H, 45MCX, 45MCRX 23C, 23CII, 67C 57 MVT CB-7 Dichro DG Colorhead, 23DGA Colorhead Dichro 45 Dichro 45 Color Computer Dichro 67 Dual-Dichro Colorhead	PH/211-PH/212 PH/111A PH/301 PH/212 EJL EVW EVW ELB EJL			
Bogen Photo Corp.	Mini-35, Super-66 66B, Color-69, PR- 45, Salon Special, Sub-II Super Pro, 22 special, S-35 22A, T-35, 67 special 22, 22A, 67, 69, T-35, Mini-6/35 Dichro (International) 66, 67	PH/211 PH/211 EFP			
Burke & James, Inc.	Solar Stowaway, Hide-A-Way, Solar 120, Solar- matic 120 Auto Solar Models Solar Models 45D- 57D Solar Models 45C- 57HC-45QL Solarmatic 45D-57D Solar Jr. No. 1, 2, 3 No. 4, 35 No. 45HDC, 57 No. 66 4 x 5, Studio 5 x 7 Press Solar 4 x 5 Mark II 150 Mark II 500	PH/212 PH/212 PH/300 PH/300,PH/301 PH/300 PH/211 PH/211-PH/212 PH/300-PH/301 PH/211-PH/212 PH/300 PH/300-PH/301 PH/212,PH/211, PH/213 PH/302,PH/300, PH/301 PH/211			
California Tech Products Co.	Minilite Enlarger	PH/211			
Chess-United Co.	Beacon Lite 4 x 4- cm, 6 x 6 cm, Ideal, Super Multifax Laborant 4 x 5 5 x 7	PH/211 PH/300-PH/301 PH/303			
Compco Corp.	No. 135, No. 324 No. 620	PH/211 PH/212			
Consolidated Inst. Parts Co.	CIPCO Everedi	PH/211			
Colorhead	360, 371, 395	ELB			
Curtis Laboratories, Inc.	Color Film Enlarg- ing Printer Precision Optical Color Separation Printer Contact Color Sep- aration Printer	PH/111A PH/111A PH/211			

GE ENLARGER LAMPS

ENLARGER LAMP EQUIPMENT GUIDE

COMPANY	MODEL	LAMP	COMPANY	MODEL	LAMP
Federal	219, 240, 288, 312, 269 Store-Away-Jr.	PH/211	Multifax Mfg. Co.	Vertilarger A B C, D	PH/212 PH/213-PH/212 PH/301-PH/302
	246, 279 Store-Away-Sr.	PH/211	Nord	CPL/II	EJM
	269-CL	FC8T9/CW	Noritsu	EL-512	ELC
	245, 230, 250, 314, 315, 330, 331, 345, 347, 440, 470, 311 Store-Away Sr.	PH/211 PH/211 FC12T10CW	Patterson	#35	PH/211
	222, 450 450-CL	ELC	Pavelle	400 Color Head 401 Color Head 402 Color Head	DSW EJL ELC
Forox	Dichro Color Head	ELC	Ponder & Best, Inc.	35 mm, 2 1/4 x 2 1/4, Macro, 4 x 5 Color, 66	PH/211 PH/140
FR Corporation	FR Minolta 3 in 1	PH/211, PH/212	Rollei of America	Nikor B&W Nikor Color Head Rolleimat B&W Rolleimat Color Head	PH/140 EFP PH/140 EFP
Harold Francke	Masterbilt	60A-100A	J.G. Saltzman, Inc.	Saltzman 30WB, 30- W, 30WT, 30WA, 30WAH	F15T8/B
Joseph Gelb Co.	4 x 5 Enlarger 8 x 10 Enlarger	PH/212 F14T12/D or /W	Sears Roebuck and Co.	Marvel Expert, Mas- ter, Junior, Senior	PH/211
GaMi Corp.	GaMi 16	60A	Simmon Omega	Automega B3, B4, B5, B7, B8 D-3/0 D-3/C, D-3/V	PH/111A FC8T9/CW PH/211, 212, 213, 2110, 2120
Graflex, Inc.	Enlarg-or-Printer Variograph	BBA, PH/213 PH/211		E3 E5/C E4, E5/0, E6/0 Auto Chromega D-4 Chromega B Omega A-6 A2, A3, B4, B6, B22 B-66, 66-XL, C67-XL D3, D2/C, D2/V, D6 D-2/O E6/C FC DM Super Omega B&C	F6T5/D PH/211, 212, 213 FC12T10/CW 100T8/1SC(20V) ELB DLS/DLG PH/111A PH/140, PH/1400 PH/211, 212, 213, 2110, 2120 FC8T9/CW PH/211, 212, 213 PH/300, 301 BEV PH/211, 212, 213, 2110, 2120
Grant Photo Products, Inc.	Miniature Senior	1183 PH/211		Super Chromega Dichroic D, E, F Dichroic C Omega C-700 Omnicon Omgalite B & D (head) Xenomega	ELC EJV ESJ DAN FC8T9/CW PHX-56
Graphomat Corp.	Multi-Lens Enlarger	BBA, PH/213	Spiratone, Inc.	Spiratone D356 Automat 66 Spiratone DoubLograM	PH/211 PH/211 PH/211
Hansa	Prima 635, S-635, H-2000	PH/211	Sun Ray Photo Co., Inc.	Arnold Model D, Aristocrat, Crafts- man, Filmaster Grant Miniature Grant Senior Mastercraft A, B, C, 45, 23 Miniature Model B, Model C	PH/211 1183 PH/211 PH/211
Karl Heitz, Inc.	Primos 35 Autofocus Primos Professional 35 Autoflex Testreflex 35 2 1/4 x 2 1/4 Autofocus, 2 1/4 x 3 1/4 Autofocus 2 1/4 x 2 1/4 Testreflex	PH/211 PH/212		Fotolarger Junior 1 A1, B11 Fotolarger Merit, C, D, E, Jr.2, E2 100DC, 100C, 100D Zenith (35mm)	PH/211 PH/211 PH/211 PH/212 PH/111A
Hollywood Photo Supply Co.	Sparks Color Enlarger Proj., Sparks Hol- lywood Enlgr. Proj.	100A/CL	Unicolor	Deluxe B&W and Color Enlarger 66DS	PH/211, 212 EFN
Honeywell	Nikor Color Head DA-1	EFP	Vivitar	E-32, E-33, E-36 E-34, E-54, E-74 VI Dioptic	PH/211 PH/211, PH/212 PH/111A EKG
Hornstein Photo Sales, Inc.	Kadet, Economy	PH/211			
Ideal Photo Enlarger Co.	Ideal Idealex	BBA-PH/213			
IMC Division, Interphoto Corp.	Inter 66	PH/211			
Kindermann	Manual 35, Sub- miniature, auto- focus 35, 2 1/4 x 2 1/4, Autofocus 2 1/4 x 3 1/4, 4 x 5	PH/211-PH/212			
E. Leitz, Inc.	Focomat, Focomat I, 1B, 1C, IIA, IIC, Valoy, Valoy II, Vamex, Vasex I, II, Vogos Focomat IC w/Walver Color Head	PH/211, 212 EFN			
Lott Mfg. Co.	240, 290, 311, 450, 135	PH/211 PH/113			
L.R.T. Industries	FR Enlarger	PH/211-PH/212			
Luminos Photo Corp.	Astralux 66/35, Deluxe 100	PH/211			
Masel Supply	Junior No. 1, Telestar 35, J-35, 66, Deluxe	PH/211			
Meopta (H.B. Marketing)	Opemus 4 x 4, 6 x 6, IIa, III, Axomat 1A, Opemus III, 4, 5 Axomat II, III Axomat 4 color Magnifax II Agrand Meogrand	PH/211 PH/211, PH/212 EFP PH/213 PH/302 CXK			
Minolta	Color Enlarger Color Enlarger II	EKG EFP			
Montgomery Ward Co.	Wards Std., Minia- ture, Deluxe Mini- ature	PH/211			

GE PROJECTION LAMP GUIDE

TIPS ON USING THE PROJECTION LAMP GUIDE

Lamp Illustrations. As an aid to identification, photographs of popular lamp types are provided on pages 22 and 23.

Photo Lamp Base and Filament Designations. Illustrations of typical Photo Lamp bases and filaments are shown on page 24 for the commonly used industry and ANSI designations used in this catalog.

To Order Lamps. The three-letter ANSI lamp code is normally all that is needed to completely identify and order Photo Lamps. A few lamps are listed with a choice of two or more voltages, such as DYM 220 or 240 Volts. When ordering, the voltage desired should be specified with the Lamp Ordering Code. A listing of popular lamps and specifications on pages 25 through 33 is arranged in alphabetical order by lamp code. For complete listing and current prices see the GE Photo Lamp Master Catalog PH3200.

Multi-Coded Lamps. Some Photo Lamps have an ordering code consisting of two or more three-letter ANSI lamp codes, such as EMM/EKS or DYS/DYV/BHC. The first code is the ANSI lamp code. The secondary codes identify lamps which the multiple-coded lamps will replace. Multiple-coded lamps are designated by General Electric for the convenience for our customers.

Projector Manufacturers Cross Index. As a guide to identifying the projector manufacturer or distributor when only the brand or model name is known, an alphabetical listing of projector brand names is provided on page 42.

Projection Lamp Equipment Guide. This guide lists all projectors known to General Electric and the appropriate ANSI coded replacement lamp that was designated by the projector manufacturer. While this data is based on the best information available, there may be errors or omissions in models and lamps for which we cannot be responsible. We welcome corrections, additions and suggestions for inclusion in future editions.

Many of the projector models listed in this section are no longer manufactured. In the cases where replacement lamps are also no longer available consult GE Master Photo Lamp Catalog PH3200 for most complete lamp listings and multiple-coded lamps for substitution.

All projection equipment manufactured by one company is grouped by type and application under the company name.

The alphabetical listing of manufacturers and distributors begins on page 43.

Substitute Lamp Guide. The substitute lamp guide lists lamps that may be substituted when requested. Most recommended substitute lamps in this guide are directly interchangeable with the lamp requested. The substitute lamp guide begins on page 35.

SUBSTITUTING HIGHER-WATTAGE LAMPS

Motion picture and slide projectors are designed to give best cooling and performance with lamps of specific wattage. The design wattage will be found on the name plate of every projector. Higher-wattage lamps should not be substituted since they may result in film damage, severe lamp distortion, and even possible damage to the projector's lenses and housing.

Published Life Rating. The published life rating of a projection lamp is actually an average "hours-life" figure which is obtained by life testing lamps over a long period of production time. Some lamps will burn longer, some shorter, than this published rating.

GE lamps used in the U.S.A. are designed for projectors which operate on regular household voltages of 115 to 120 volts. Low-voltage lamps are used in projectors which reduce the regular line voltage to that of the particular lamps used.

Lines voltages under 115 volts will increase lamp life but reduce light output. Higher voltages than 120 volts will drastically reduce average lamp life, as shown in the table below.

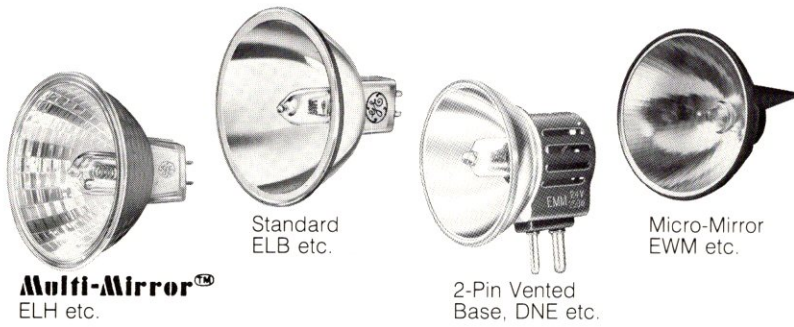
LINE VOLTAGE vs. LIFE

Line Voltage between	100-hour lamp will burn	75-hour lamp will burn	50-hour lamp will burn	25-hour lamp will burn	15-hour lamp will burn	10-hour lamp will burn
115-120 volts	75-125 hrs.	56-98 hrs.	38-65 hrs.	19-32 hrs.	12-18 hrs.	7-13 hrs.
121-125 volts	39-75 hrs.	32-57 hrs.	23-39 hrs.	11-20 hrs.	7-12 hrs.	4-7 hrs.
126-130 volts	27-45 hrs.	21-34 hrs.	14-23 hrs.	5-12 hrs.	3-7 hrs.	0-4 hrs.

GE PROJECTION LAMPS

PROJECTION LAMP ILLUSTRATIONS

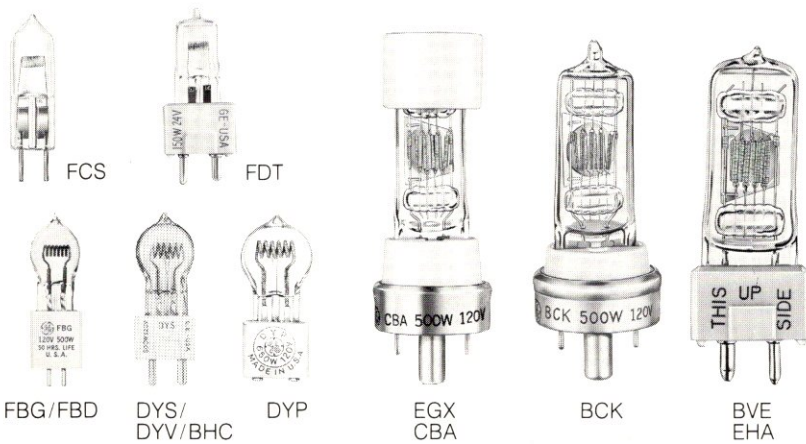
REFLECTOR QUARTZLINE®



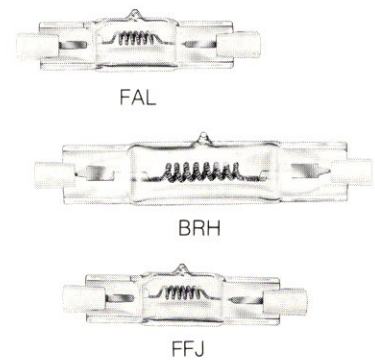
ARC PROJECTION LAMPS



SINGLE ENDED QUARTZLINE LAMPS



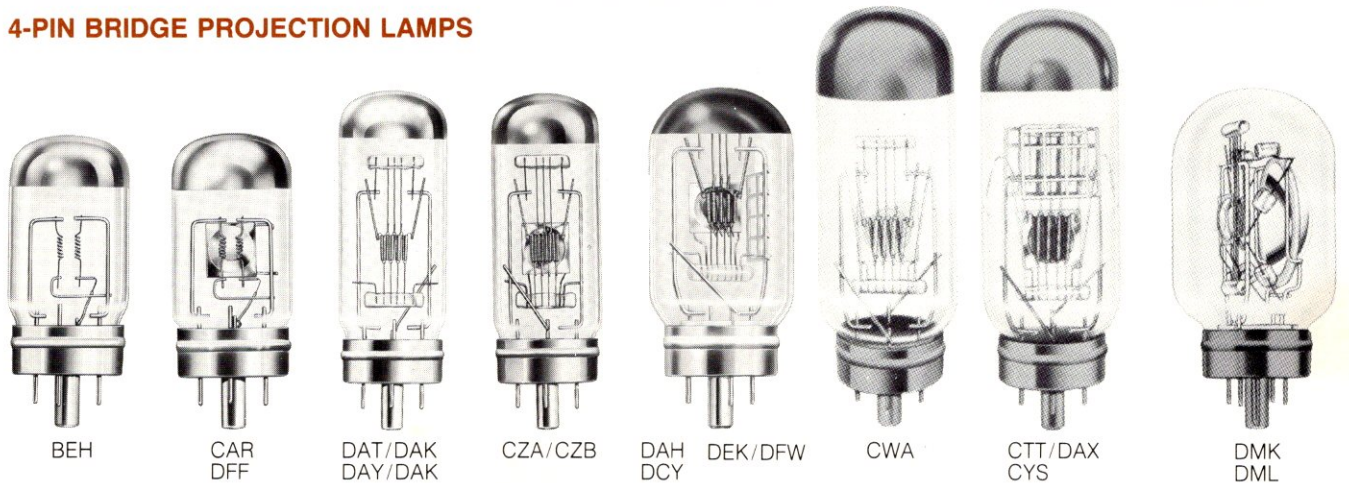
DOUBLE-ENDED QUARTZLINE LAMPS



4-PIN REFLECTOR PROJECTION LAMPS



4-PIN BRIDGE PROJECTION LAMPS



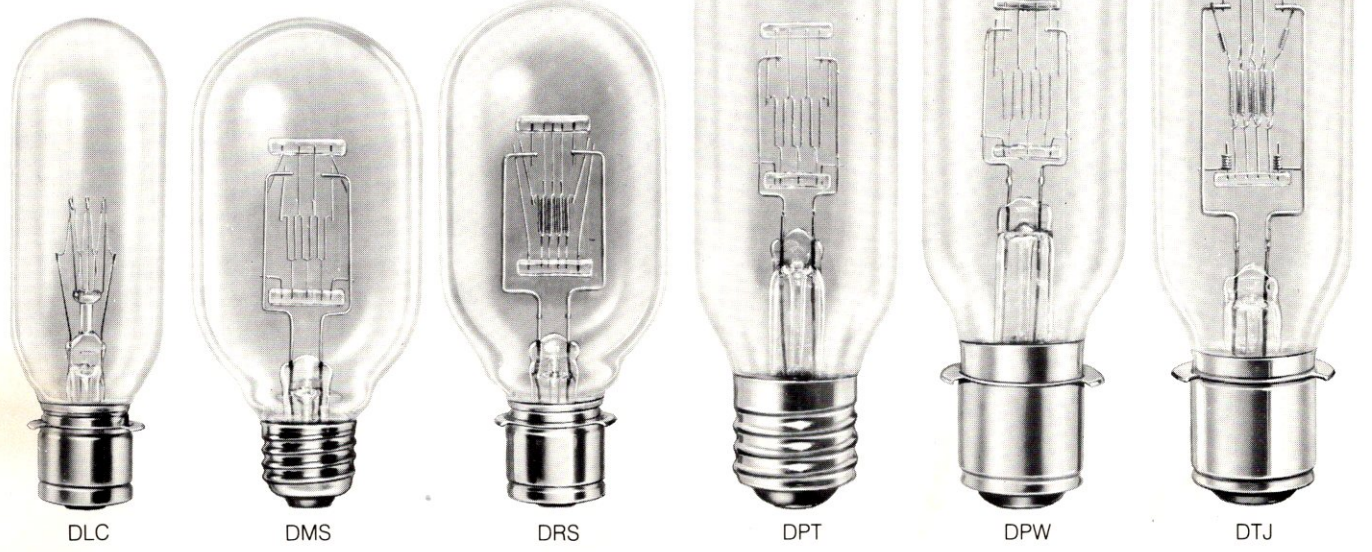
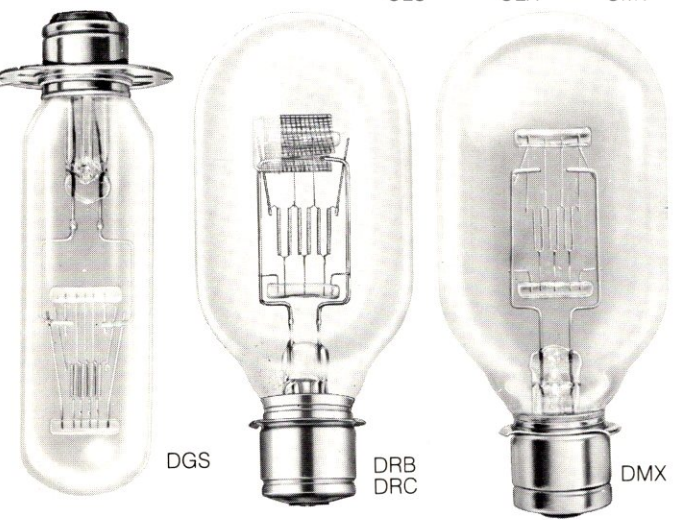
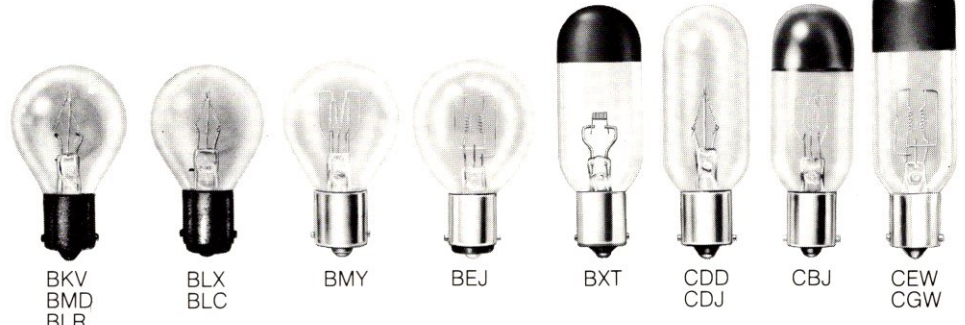
GE PROJECTION LAMPS

(PROJECTION LAMP ILLUSTRATIONS (Continued))

SOUND LAMPS



OTHER PROJECTION LAMPS



GE PROJECTION LAMPS

PHOTO LAMP BASE DESIGNATIONS

The following illustrations show typical bases used on Photo Lamps in this Catalog. Where bases are considered ANSI standard bases, IEC reference codes are shown below the illustration and conform to American National Standards C81.10, C81.30, C81.40 and C81.50 specifications for electric lamp bases and holders.

(NOT TO SCALE)

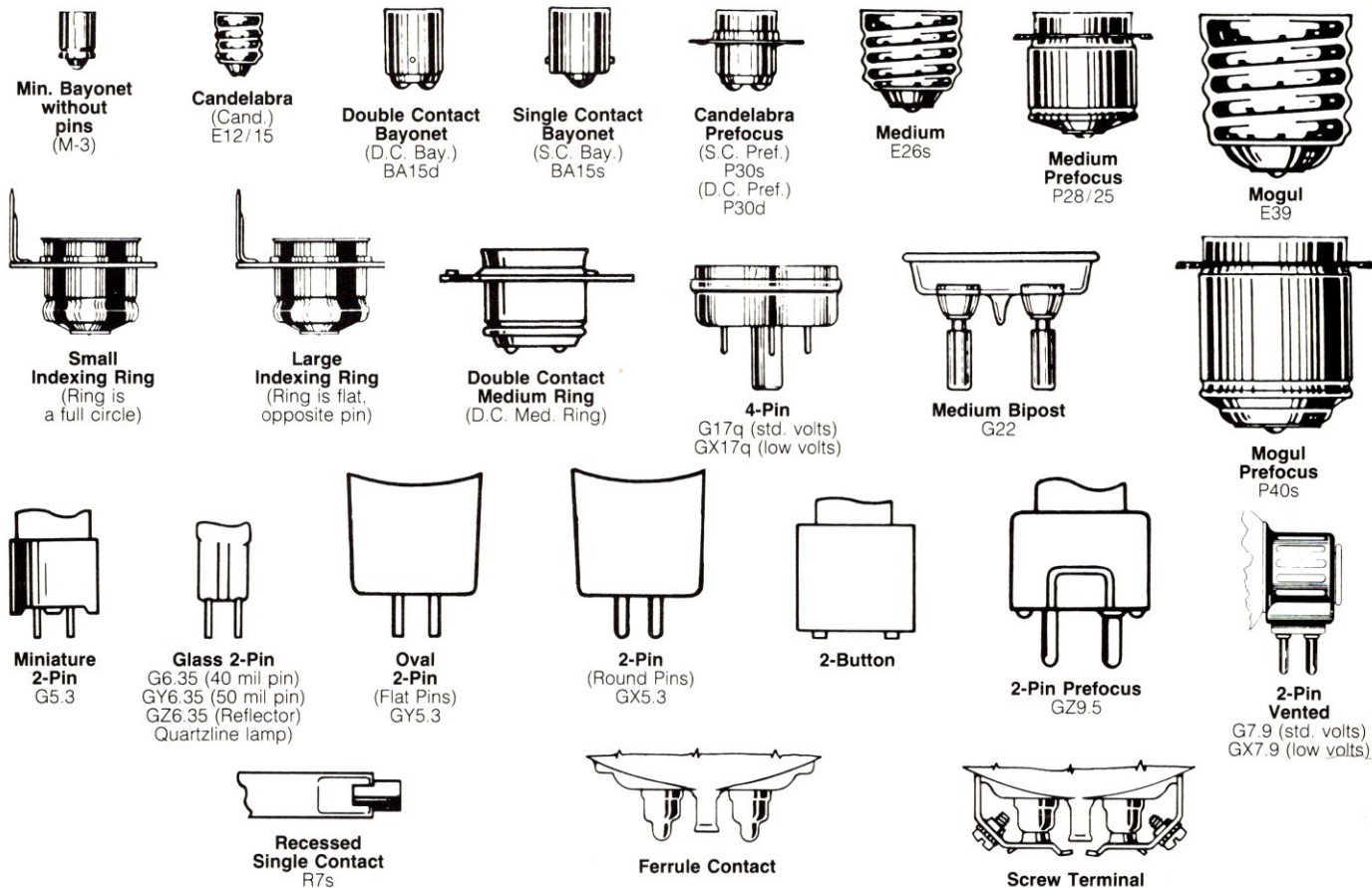
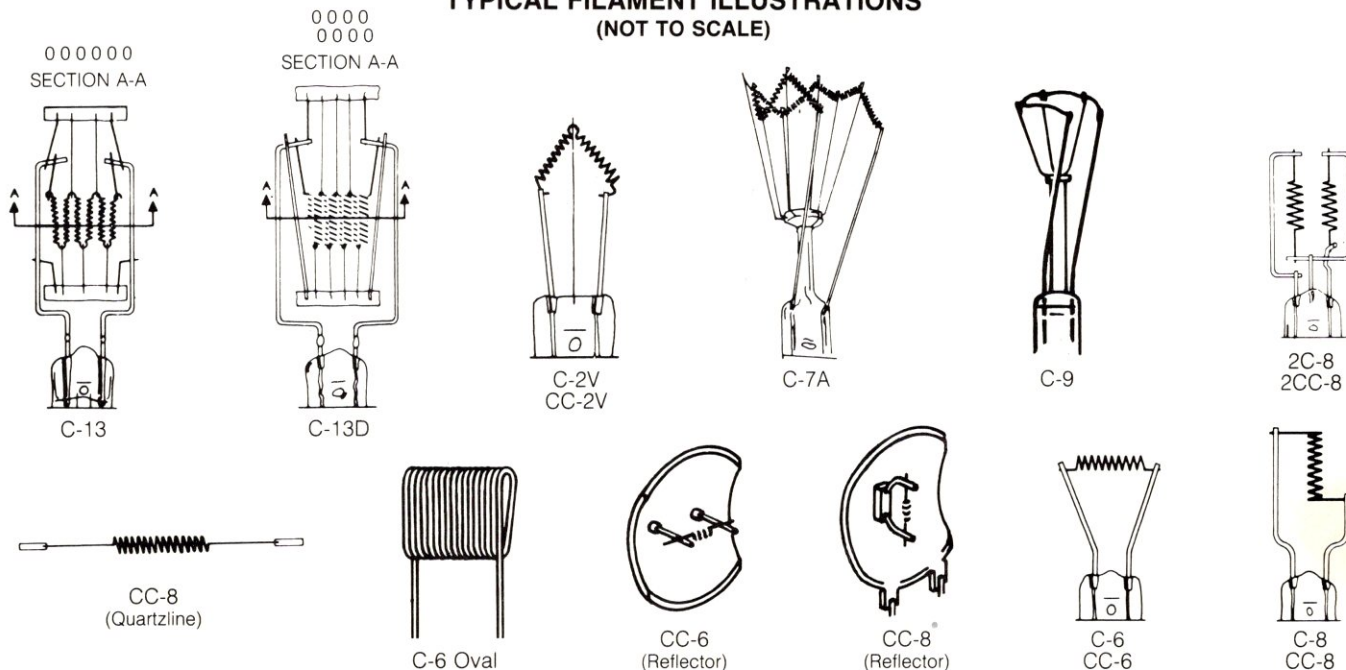


PHOTO LAMP FILAMENT DESIGNATIONS

The configuration of the filament in all tungsten filament lamps (including Quartzline*) is identified by a prefix letter and a suffix number. The prefix letter indicates whether the filament wire is a single coil (C) or a coiled coil (CC). The suffix number indicates the form or arrangement of the filament coil or coils on its support structure.

TYPICAL FILAMENT ILLUSTRATIONS

(NOT TO SCALE)



GE PROJECTION LAMPS

*120 - 150 Watts
DC*

PROJECTION AND SOUND LAMP SPECIFICATIONS

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. °K.
BAK	.75A	4	24	Sound Reproducer. Burning position: any	T-5	S.C. Pref.	C-6	300	1 1/8	2	30	...
BCK	500	120	24	☆Slide Projection—Quartzline®. Proximity reflector. Burn base down to horizontal⊖	★T-6	4-Pin	C-13D	50	1 9/16	3 1/4	...	3200
BHB	250	120	24	▼★16mm. Projection—Quartzline® Lamp in 1 3/4" dichroic reflector. Mounting distance: 2 19/32". Burn horizontal.	MR-14	2-Pin Vented	CC-6	25	5/8	1 2/3	...	3350
BJW	35	12	24	▼★8mm. Projection—Quartzline® Lamp in 1 3/4" dichroic reflector. Mounting distance: 2 1/2". Burn base down to horizontal	MR-14	2-Pin Vented	C-6	50	5/8	1.487	...	3350
BLC	30	115-125	120	Editor Projection. Burning position: any⊖	S-11	D.C. Bay.	CC-2V	50	1 3/8	2 3/8	400	2775
BLX	50	115-125	120	Toy Projection. Burn base down to horizontal⊖	S-11	D.C. Bay.	CC-2V	50	1 3/8	2 3/8	780	2850
BMG/BMH	100	115-125	120	Toy Projection. Burn base down to horizontal⊖	S-11	D.C. Bay.	CC-2V	25	1 3/8	2 3/8	2000	3000
BMY	100	115-120	120	▼Toy Projection. Burn base down to horizontal⊖	S-11	S.C. Bay.	CC-13	50	1 3/8	2 3/8	1860	2950
BNF	75	115-125	120	Toy Projection. Burn base down to horizontal⊖	S-11	D.C. Bay.	CC-2V	25	1 3/8	2 3/8	1300	2900
BRH	1000	120	24	☆Overhead Projection—Quartzline®. Burning position: any.	★T-5	Recessed Single Contact	CC-8	75	...	3 3/4	30000	3350
BRK	.75A	4	24	Sound Reproducer. Burning position: any	T-5	S.C. Pref.	C-8	50	1 1/8	2 3/8	28	...
BSK	1A	6	24	Sound Reproducer. Burning position: any	T-5	S.C. Pref.	C-6	100	1 1/8	2	70	...
BSS/BSB	1A	6	24	Sound Reproducer. Burning position: any	T-5	S.C. Pref.	C-8	100	1 1/8	2 3/8	70	...
BSW	.20A	7	24	Sound Reproducer. Burning position: any	T-5	S.C. Pref.	C-8	50	1 1/8	2 3/8	15	...
BVE	600	120	24	☆Overhead Projection—Quartzline®. Proximity Reflector. Burn base down to horizontal	★T-6	2-Pin Prefocus	C-13D	75	1 3/4	3 1/2	...	3200
BVK/BVS	6.5A	5	24	Sound Reproducer. Burn base down to horizontal	T-8	S.C. Pref.	C-8	50	1 5/8	2 5/8	350	...
BVR	30	120	24	▼Toy Projection—Opaque end. Burn base down⊖	T-7	D.C. Bay.	CC-2V	25	1 3/8	2 5/8	350	2860
BXB	4A	8.5	24	Sound Reproducer. Burn base down to horizontal	T-8	S.C. Pref.	C-8	100	1 5/8	3 1/8	690	...
CAL	300	120	24	▼Film Strip and Slide Projection—Gold Top. Proximity reflector. Burn base down	T-10	4-Pin	C-13	25	1 9/16	4	...	3200
CAR	150	120	24	Film Strip and Slide Projection—Opaque end. Proximity reflector. Burn base down	T-10	4-Pin	2CC-8	15	1 5/16	3 1/8	...	3100
CAS/CAV	50	115-125	24	▼Slide Projection. Burn base down⊖	T-8	S.C. Bay.	CC-13	50	1 3/8	3 1/8	775	2875
CAX	50	115-125, 130	24	▼Optical Projection. Burn base down⊖	T-8	D.C. Bay.	CC-13	50	1 3/8	3 1/8	775	2875

FOR LAMPS NOT LISTED IN THIS SECTION, SEE YOUR GE SUPPLIER OR GE PHOTO LAMP MASTER CATALOG PH3200.

GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. K.
CBA	500	120	24	☆Slide Projection—Quartzline [®] . Opaque end. Proximity reflector. Burn base down to horizontal	★T-6	4-Pin	C-13D	50	1 ³ / ₄	3 ⁵ / ₈	...	3200
CBX/CBS	75	115-125	24	▼Slide Projection—Opaque end. Burn base down⊖	T-8	D.C. Bay.	CC-13	50	1 ³ / ₈	3 ¹ / ₈	1200	2925
CDD	100	120	24	▼Slide Projection. Burn base down⊖	T-8	S.C. Bay.	CC-2V	50	1 ³ / ₈	3 ¹ / ₈	2000	2975
CDJ	100	115-125	24	▼Slide Projection. Burn base down⊖	T-8	D.C. Bay.	CC-2V	50	1 ³ / ₈	3 ¹ / ₈	2000	2975
CDS/CDX	100	115-125	24	▼Film Strip and Slide Projection—Opaque end. Burn base down	T-8	S.C. Bay.	CC-13	50	1 ³ / ₈	3 ¹ / ₈	1850	2975
CEB	100	115-125	24	▼Slide Projection. Burn base down⊖	T-8	D.C. Bay.	CC-13	50	1 ³ / ₈	3 ¹ / ₈	1850	2975
CEM	120	120	24	▼Wheel Alignment—Projection—Opaque end. Burn base down⊖	T-8	S.C. Bay.	2CC-8	200	1 ³ / ₈	3 ¹ / ₈	1950	3000
CEW/CFC	150	115-125	24	▼Film Strip Projection—Opaque end. Burn base down⊖	T-8	S.C. Bay.	2CC-8	25	1 ³ / ₈	3 ⁵ / ₈	3500	3075
CLS/CLG	300	120-125	24	▼Slide Projection—Opaque end. Burn base down⊖	T-8 ¹ / ₂	S.C. Bay.	C-13	25	1 ³ / ₈	4 ¹ / ₈	7600	3200
CTT/DAX	1000	115-125	24	16mm. Projection—Gold Top. Proximity reflector. Collector grid. Burn base down	★T-12	4-Pin	C-13D	25	1 ⁹ / ₁₆	4 ⁵ / ₈	...	3300
CWA	750	115-125	24	▼Film Strip and 16 mm. Projection—Gold Top. Proximity reflector. Burn base down	★T-12	4-Pin	C-13D	25	1 ⁹ / ₁₆	4 ⁵ / ₈	...	3250
CXK	300	115-125	24	▼8mm. Projection—Opaque end. Burn base down	★T-10	Medium Prefocus	C-13	25	2 ³ / ₁₆	5 ³ / ₄	7800	3225
CXR/CXL	50	8	50	8mm. Projection—Opaque end. Internal reflector. Burn base down ‡	TB-6	S.C. Pref.	C-6	25	1 ²⁷ / ₃₂	3 ²⁵ / ₃₂	...	3200
CZA/CZB	500	120,125	24	▼Slide Projection—Gold Top. Proximity reflector. Burn base down	T-10	4-Pin	C-13D	25	1 ⁹ / ₁₆	4	...	3300
CZX/DAB	500	115-120, 125	24	▼8mm. Projection—Opaque end. Burn base down	★T-10	Medium Prefocus	C-13D	25	2 ³ / ₁₆	5 ³ / ₄	12500	3200
DAH	500	120	24	▼Slide Projection—Opaque end. Proximity reflector. Collector grid. Burn horizontal	★T-12	4-Pin	C-13D	200	1 ³ / ₄	3 ⁵ / ₈	...	3000
DAT/DAK	400	120	24	▼Slide Projection—Gold Top. Burn base down	T-10	4-Pin	C-13D	25	1 ⁹ / ₁₆	4	...	3200
DAY/DAK	500	120	24	▼Slide Projection—Opaque end. Burn base down	★T-10	4-Pin	C-13D	30	1 ⁹ / ₁₆	4	12500	3200
DCH/DJA/DFP	150	120	24	▼8mm. Projection—Internal reflector (focal distance: 2 ¹ / ₄ "). Burn base down	T-12	4-Pin	CC-6	15	1 ⁹ / ₁₆	3 ³ / ₈	...	3150
DDB	750	115-120, 125	24	▼16mm. Projection—Opaque end. Burn base down	★T-12	Medium Prefocus	C-13D	25	2 ³ / ₁₆	5 ³ / ₄	19500	3250
DDJ/DZZ	80	10	24	☆Microfilm Projection—Quartzline [®] . Burning position: any	★T-3	2-Pin Prefocus	C-6 Oval	1000	1 ¹ / ₁₆	2 ¹¹ / ₃₂	1400	3150

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GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. °K.
DDK	80	19	24	☆Film Strip Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	40	...	1 ³ / ₄	...	3300
DDL	150	20	24	☆▼Microfilm Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 2". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	500	...	1 ³ / ₄	...	3150
DDM	80	19	24	☆Slide Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal.	MR-16 "Multi-Mirror"™	2-Pin	CC-6	50	...	1 ³ / ₄	...	3350
DDN	200	20	24	☆Microfilm Projection—Quartzline®. Burning position: any	★T-3	Recessed Single Contact	CC-8	100	...	2 ³ / ₈	4600	3150
DDP	132	22	24	☆Microfilm Projection—Quartzline®. Burn base down to horizontal	★T-4	2-Pin Prefocus	C-6 Oval	125	1 ⁵ / ₁₆	2 ¹ / ₄	3600	...
DDS	80	21	24	☆▼Microfilm Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6 ¹ / ₂ ". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	500	...	1 ³ / ₄	...	3125
DDY	750	120-125	24	▼Advertising and Bowling Score Projection—Opaque end. Burn base down	★T-12	Medium Prefocus	C-13D	200	2 ³ / ₁₆	5 ³ / ₄	15500	2950
DED	85	13.8	24	☆▼Microfilm Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6 ¹ / ₂ ". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	1000	...	1 ³ / ₄	...	3150
DEF	150	21	24	8mm. Projection—Gold Top. Internal dichroic reflector (focal distance: 1 ³ / ₄ "). Burn base down to horizontal	T-12	4-Pin	CC-6	15	1 ⁹ / ₁₆	3 ⁹ / ₁₆	...	3250
DEK/DFW	500	120	24	▼Slide Projection—Gold Top. Proximity reflector. Collector grid. Burn horizontal	T-12	4-Pin	C-13D	25	1 ³ / ₄	3 ⁵ / ₈	...	3250
DFA	150	120	24	8mm. Projection—Gold Top. Internal reflector (focal distance: 1 ³ / ₄ "). Burn base down	T-12	4-Pin	CC-6	15	1 ⁹ / ₁₆	3 ⁹ / ₁₆	...	3150
DFD	1000	115-120, 125	24	▼16mm. Projection—Opaque end. Burn base down	★T-12	Medium Prefocus	C-13D	10	2 ³ / ₁₆	5 ³ / ₄	30500	3375
DFE	80	30	24	8mm. Projection. Internal reflector (focal distance: 2 ¹ / ₄ "). Burn base down or horizontal	T-12	4-Pin	CC-8	15	1 ⁹ / ₁₆	3 ¹ / ₁₆	...	...
DFF	150	120	24	▼Film Strip and Slide Projection—Gold Top. Proximity reflector. Burn base down	T-12	4-Pin	2CC-8	500	1 ⁵ / ₁₆	3 ¹ / ₃₂	...	2850
DFG	150	120	24	8mm. Projection—Gold Top. Internal reflector (focal distance: 1 ³ / ₄ "). Burn base down	T-12	4-Pin	CC-6	15	1 ⁹ / ₁₆	3 ⁹ / ₁₆	...	3150
DFN/DFC	150	125	24	▼8mm. Projection. Internal reflector (focal distance: 2 ¹ / ₄ "). Burn base down or horizontal	T-12	4-Pin	CC-8	15	1 ⁹ / ₁₆	3 ⁹ / ₁₆	...	3150

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GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. K.
DGB/DMD	80	30	24	8mm. Projection. Internal reflector (focal distance: 2 ¹ / ₄ "). Burn base down	T-12	4-Pin	CC-6	15	1 ⁹ / ₁₆	3 ³ / ₈	...	...
DJT	50	13.8	24	☆▼Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	1000	...	1 ³ / ₄	...	3150
DHT	1200	115-120	24	▼16mm. Projection— Opaque end. Collector grid. Burn base down	★T-12	Medium Prefocus	C-13D	10	2 ³ / ₁₆	5 ³ / ₄	36000	3400
DJL	150	120	24	8mm. Projection. Internal reflector (focal distance: 1 ³ / ₄ "). Burn base down or horizontal	T-14	4-Pin	CC-8	15	1 ⁹ / ₁₆	3 ¹ / ₂	...	3150
DKM	250	21.5	24	▼16mm. Projection— Opaque end. Internal dichroic reflector. (focal distance: 2 ¹ / ₈ "). Burn base down	T-14	4-Pin	CC-6	25	1 ⁹ / ₁₆	3 ⁷ / ₈	...	3300
DLC	250	115-120	24	▼Projection. Burn base down	T-14	Medium Prefocus	C-13	50	2 ³ / ₁₆	5 ³ / ₄	5500	3050
DLD/DFZ	80	30	24	8mm. Projection. Internal dichroic reflector (focal distance: 1 ³ / ₄ "). Burn base down to horizontal	T-14	4-Pin	CC-6	15	1 ⁹ / ₁₆	3 ¹ / ₂	...	...
DLH	250	120	24	8mm. Projection— Gold Top. Internal dichroic reflector (focal distance: 1 ³ / ₄ "). Burn horizontal	T-14	4-Pin	CC-8	15	1 ⁹ / ₁₆	3 ¹ / ₂	...	3200
DLN	750	120	24	▼Film Strip Projection— Opaque end. Proximity reflector. Collector grid. Burn horizontal	★T-12	4-Pin	C-13D	25	1 ³ / ₄	3 ⁵ / ₈	...	3250
DLS/DLG/DHX	150	22	24	8mm. Projection. Internal dichroic reflector (focal distance: 1 ³ / ₄ "). Burn base down or horizontal	T-14	4-Pin	CC-6	15	1 ⁹ / ₁₆	3 ⁷ / ₁₆	...	3250
DMJ	480	220,240	24	Overhead projection. Proximity reflector. Internal condenser lens. Burn horizontal— lens down	★T-14	4-Pin	C-13D	50	1 ⁵ / ₈	3 ⁵ / ₈	...	3200
DMK	500	120	24	Overhead Projection. Proximity reflector. Internal condenser lens. Burn horizontal— lens down	★T-14	4-Pin	C-13D	75	1 ⁵ / ₈	3 ⁵ / ₈	...	3200
DML	400	120	24	Overhead Projection. Proximity reflector. Internal condenser lens. Burn horizontal— lens down	★T-14	4-Pin	C-13D	75	1 ⁵ / ₈	3 ⁵ / ₈	...	3200
DMS	500	115-120	24	▼Opaque Projection and Photoflood. Burn base down	★T-20	Medium	C-13	50	3	5 ¹ / ₂	13200	3200
DMX	500	115-120	24	▼Opaque Projection and Photoflood. Burn base down	★T-20	Medium Prefocus	C-13	50	2 ³ / ₁₆	5 ³ / ₄	13200	3200
DNE	150	120	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 2 ³³ / ₃₂ ". Burn horizontal	MR-16	2-Pin Vented	CC-8	12	⁵ / ₈	1.774	...	3350
DNF	150	21	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 2 ²³ / ₃₂ ". Burn horizontal	MR-16	2-Pin Vented	CC-6	25	⁵ / ₈	1.774	...	3400
DPT	1000	115-120	12	▼Opaque Projection. Burn base down	★T-20	Mogul	C-13	50	4 ³ / ₄	9 ¹ / ₁₆	28000	3200

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GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. °K.
DPW	1000	115-120	12	▼Projection—Stage/Studio. Burn base down	★T-20	Mogul Prefocus	C-13	50	3 ⁷ / ₁₆	9 ¹ / ₂	28000	3200
DRB	1000	115-120	24	▼Overhead Projection. Collector grid. Burn base down	★T-20	Medium Prefocus	C-13	25	2 ³ / ₁₆	5 ³ / ₄	32000	3350
DRC	1000	120	24	▼Overhead and Opaque Projection. Collector grid. Burn base down.	★T-20	Medium Prefocus	C-13	50	2 ³ / ₁₆	5 ³ / ₄	30000	3250
DRS	1000	120	24	▼Overhead Projection. Burn base down	★T-20	Medium Prefocus	C-13D	25	2 ³ / ₁₆	5 ³ / ₄	28500	3325
DTJ	1500	115-120	12	▼Projection and Photoflood. Burn base down	★T-20	Mogul Prefocus	C-13D	25	3 ⁷ / ₁₆	9 ¹ / ₂	42500	3225
DWZ	375	30	24	▼Bowling Score Projection—Quartzline®. Burning position: any	★T-4	Recessed Single Contact	CC-8	1000	...	3 ¹ / ₈	7500	2900
DYP	600	120	24	☆Overhead Projection—Quartzline®. Burn horizontal	★G-7	2-Button	CC-6	75	1	2 ¹ / ₄	17000	3200
DYR	650	220,240	24	☆Overhead Projection—Quartzline®. Burning position: any	★G-7	2-Pin Prefocus	2CC-8	50	1 ⁷ / ₁₆	2 ¹ / ₂	16500	3200
DYS/DYV/BHC	600	120	24	☆Overhead Projection—Quartzline®. Burn horizontal	★G-7	2-Pin Prefocus	CC-6	75	1 ⁷ / ₁₆	2 ¹ / ₂	17000	3200
DZA	30	10.8	24	☆Microfilm Projection—Quartzline®. Burn base down to horizontal	★T-3 ¹ / ₂	Miniature 2-Pin	C-6	400	1 ¹ / ₁₆	2	800	3100
DZE/FDS	150	24	24	☆Microfilm Projection—Quartzline®. Burn base down to horizontal	★T-4	2-Pin Prefocus	C-6 Oval	100	1 ³ / ₁₆	2 ¹ / ₁₆	4500	3250
EFM	50	8	24	☆▼8mm. Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ¹ / ₄ ". Burn base down to horizontal	MR-16	Glass 2-Pin (GZ6.35)	C-6	50	...	1 ² / ₃₂	...	3300
EFN	75	12	24	☆▼8mm. Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance 1 ¹ / ₄ ". Burn base down to horizontal	MR-16	Glass 2-Pin (GZ6.35)	CC-6	50	...	1 ² / ₃₂	...	3350
EFF	100	12	24	☆▼8mm. Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ¹ / ₄ ". Burn base down to horizontal	MR-16	Glass 2-Pin (GZ6.35)	CC-6	50	...	1 ² / ₃₂	...	3350
EFR	150	15	24	☆▼8mm. Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ¹ / ₄ ". Burn base down to horizontal	MR-16	Glass 2-Pin (GZ6.35)	CC-6	50	...	1 ² / ₃₂	...	3350
EHA	500	120	24	☆Overhead Projection—Quartzline®. Proximity reflector Burn base down to horizontal	★T-6	2-Pin Prefocus	C-13D	50	1 ⁷ / ₁₆	3	...	3300
EJA	150	21	24	☆▼Fiber Optics Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ⁷ / ₆₄ ". Burn base down to horizontal	MR-16	2-Pin	CC-6	40	...	1 ³ / ₄	...	3350

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GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. °K.
EJL	200	24	24	☆▼16mm. Projection and Color Printer. Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 1/4". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	50	...	1 3/4	...	3400
EJM	150	21	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance 1 1/2". Burn base down to horizontal	MR-16	2-Pin	CC-6	40	...	1 3/4	...	3350
EJV	150	21	24	☆▼8mm. Projection and Color Printer. Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 3/4". Burn base down to horizontal	MR-16	2-Pin	CC-6	40	...	1 3/4	...	3350
EJY	80	19	24	☆▼Fiber Optics Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 1/2". Burn base down to horizontal	MR-16	2-Pin	CC-6	25	...	1 3/4	...	3400
EKD	650	120	24	☆Overhead Projection— Quartzline®, Burn horizontal	★G-6	2-Pin Prefocus	CC-6	25	17/16	2 1/2	20000	3400
EKE	150	21	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 3/4". Burn base down to horizontal	MR-16	2-Pin	CC-6	200	...	1 3/4	...	3250
EKG	80	19	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 3/4". Burn base down to horizontal	MR-16	2-Pin	CC-6	25	...	1 3/4	...	3400
EKN	120	17.5	24	☆▼Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 1/2". Burn base down to horizontal	MR-16	2-Pin	CC-6	130	...	1 3/4	...	3200
EKX	200	24	24	☆▼Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 5 1/2". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	25	...	1 3/4	...	3400
EKZ	30	10.8	24	☆▼16 mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 1/2". Burn base down to horizontal	MR-16	2-Pin	C-6	200	...	1 3/4	...	3100
ELB	80	30	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 9/64". Burn base down to horizontal	MR-16	2-Pin	CC-6	15	...	1 3/4	...	3400
ELC	250	24	24	☆▼16mm. Projection and Color Printer. Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance 1 1/4". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	50	...	1 3/4	...	3400

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GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. °K.
ELD/EJN	150	21	24	☆▼Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6.5". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	40	...	1 ³ / ₄	...	3350
ELE/ELT	80	30	24	☆▼8mm. Projection— Quartzline® lamp in 1 ³ / ₄ " diam. dichroic reflector. Mounting distance: 3 ⁷ / ₃₂ ". Burn horizontal	MR-14	2-Pin Vented	CC-6	20	⁵ / ₈	1 ⁴⁵ / ₆₄	...	3450
ELH	300	120	24	☆▼Slide Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal	MR-16 "Multi-Mirror"™	Oval 2-Pin	CC-8	35	...	1 ³ / ₄	...	3350
ELS/ELR	50	16	24	☆▼Microfilm Projection— Quartzline® lamp in 1 ³ / ₄ " diam. dichroic reflector. Mounting distance: 4.717" Burn base down to horizontal	MR-14	2-Pin Vented	CC-6	650	...	1.147	...	3100
EML	175	24	24	☆Microfilm Projection— Quartzline®. Burn base down to horizontal	★T-4	Miniature 2-Pin	C-6	125	1 ¹ / ₁₆	2 ¹ / ₈	5000	3200
EMM/EKS	250	24	24	☆▼16mm. Projection— Quartzline® lamp in 1 ³ / ₄ " diam. dichroic reflector. Mounting distance: 2 ¹⁹ / ₃₂ ". Burn base down to horizontal	MR-14	2-Pin Vented	CC-6	50	⁵ / ₈	1.70	...	3400
ENG	300	120	24	☆▼Slide Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal	MR-16 "Multi-Mirror"™	Oval 2-Pin	CC-8	15	...	1 ³ / ₄	...	3450
ENH	250	120	24	☆▼Slide Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal	MR-16 "Multi-Mirror"™	Oval 2-Pin	CC-8	175	...	1 ³ / ₄	...	3250
ENL	50	12	24	☆▼Fiber Optics Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ¹ / ₂ ". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	C-6	3000	...	1 ³ / ₄	...	3050
ENW/ENC	80	19	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ³ / ₄ ". Burn base down to horizontal.	MR-16	2-Pin	CC-6	200	...	1 ³ / ₄	...	3200
ENX	360	82	24	☆▼Overhead Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 11 ³ / ₄ ". Burn base down to horizontal	MR-16 "Multi-Mirror"™	Oval 2-Pin	CC-8	75	...	1 ³ / ₄	...	3300
ENZ	50	30	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ⁹ / ₆₄ ". Burning position: any	MR-16	2-Pin	CC-6	25	...	1 ³ / ₄	...	3450
EPG	80	21	24	☆▼8mm. Projection— Quartzline® lamp in 1 ³ / ₄ " diam. dichroic reflector. Mounting distance: 3.22". Burn horizontal	MR-14	2-Pin Vented	CC-6	100	⁵ / ₈	1.70	...	3300

FOR LAMPS NOT LISTED IN THIS SECTION, SEE YOUR GE SUPPLIER OR GE PHOTO LAMP MASTER CATALOG PH3200.

GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. °K.
EPN	35	12	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ⁹ / ₆₄ ". Burn base down to horizontal	MR-16	2-Pin	C-6	50	...	1 ³ / ₄	...	3300
EPT	42	10.8	24	☆▼Fiber Optics Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1.5". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	C-6	8000	...	1 ³ / ₄	...	2900
EPV	90	14.5	24	☆▼Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6 ⁷ / ₆₄ ". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	500	...	1 ³ / ₄	...	3150
EPX	90	14.5	24	☆▼Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6 ¹ / ₂ ". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	500	...	1 ³ / ₄	...	3150
EPZ	50	13.8	24	☆▼Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 4 ¹ / ₄ ". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	1000	...	1 ³ / ₄	...	3150
ESC	200	24	24	☆▼8mm. Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ¹⁷ / ₆₄ ". Burn base down to horizontal.	MR-16	2-Pin	CC-6	25	...	1 ³ / ₄	...	3400
ESD	150	120	24	☆▼Enlarger-Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 1 ³ / ₄ ". Burn base down to horizontal.	MR-16 "Multi-Mirror"™	Oval 2-Pin	CC-8	12	...	1 ³ / ₄	...	...
ESJ	85	82	24	Enlarger-Projection— Quartzline® lamp in 2" diam. dichroic reflector. Burn base down to horizontal.	MR-16 "Multi-Mirror"™	Oval 2-Pin	CC-8	40	...	1 ³ / ₄	...	3350
ESX	25	13.8	24	☆Microfilm Projection— Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal	MR-16 "Multi-Mirror"™	2-Pin	CC-6	500	...	1 ³ / ₄	...	3150
EXR	22	82	24	☆▼Slide Projection— Quartzline® lamp in 1 ⁵ / ₈ " diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal.	MR 13MMM	2-Pin GX 5.3	CC-8	35	...	1 ³ / ₄	...	3350
EXW	22	82	24	☆▼Slide Projection— Quartzline® lamp in 1 ⁵ / ₈ " diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal.	MR 13MMM	2-Pin GX 5.3	CC-8	15	...	1 ³ / ₄	...	3450
EXY	22	82	24	☆▼Slide Projection— Quartzline® lamp in 1 ⁵ / ₈ " diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal.	MR 13MMM	2-Pin GX 5.3	CC-8	200	...	1 ³ / ₄	...	3200
EZG EZM EZT				(See Page 12)								
FAL	420	120	24	☆Overhead Projection and Color Printer—Quartzline®. Burning position: any	★T-4	Recessed Single Contact	CC-8	75	...	2 ⁵ / ₈	11000	3200
FCB	600	120	24	☆Overhead Projection— Quartzline®. Burning position: any	★T-4	Recessed Single Contact	CC-8	75	...	3 ³ / ₄	17000	3250

FOR LAMPS NOT LISTED IN THIS SECTION, SEE YOUR GE SUPPLIER OR GE PHOTO LAMP MASTER CATALOG PH3200.

GE PROJECTION LAMPS

PROJECTION AND SOUND LAMP SPECIFICATIONS (Continued)

(In alphabetical sequence)

Lamp Ordering Code	Watts or Amps (A)	Volts	Std. Pkg. Qty.	Primary Application and Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Lgth. (Inch.)	Max. Over-all Lgth. (Inch.)	Approx. Initial Lumens (C.P. = Candle-power)	Approx. Color Temp. °K.
FCR	100	12	30	☆Microfilm Projection—Quartzline®. Burn base down to horizontal†	★T-3	Glass 2-Pin	C-6 Oval	50	1 ³ / ₁₆	1 ³ / ₄	2800	3300
FCS	150	24	24	☆Microfilm and Slide Projection—Quartzline®. Burn base down to horizontal	★T-4	Glass 2-Pin	C-6 Oval	50	1 ³ / ₁₆	2	...	3300
FDT	100	12	24	☆Fiber Optics Projection—Quartzline®. Burning position: any	★T-3	2-Pin Prefocus	C-6 Oval	50	1 ¹ / ₁₆	2 ¹ / ₈	2900	3300
FFJ	600	120	24	☆Overhead Projection—Quartzline®. Burning position: any	★T-4	Recessed Single Contact	CC-8	75	...	2 ⁵ / ₈	17000	3250
FGW	150	24	24	☆Microfilm Projection—Quartzline®. Burn base down to horizontal	★T-4	2-Pin Prefocus	C-6 Oval	200	1 ¹ / ₁₆	2 ¹ / ₄	4200	3200
FHS	22	82	24	☆▼Slide Projection—Quartzline® lamp in 1 ⁵ / ₈ " diam. dichroic reflector. Mounting distance: 6". Burn base down to horizontal.	MR 13MMM	2-pin GX 5.3	CC-8	70	...	1 ³ / ₄	...	3300
FHX	25	13.8	24	☆Microfilm Projection—Quartzline® lamp in 2" diam. dichroic reflector. Mounting distance: 4 ¹ / ₄ ". Burn base down to horizontal.	MR-16 "Multi-Mirror"™	2-Pin	CC-6	250	...	1 ³ / ₄	...	3200

FOR LAMPS NOT LISTED IN THIS SECTION, SEE YOUR GE SUPPLIER OR GE PHOTO LAMP MASTER CATALOG PH3200.

HIGH INTENSITY ARC LAMPS

ANSI Code	Lamp Ordering Code	Watts	Volts	Std. Pkg. Qty.	Special Description	Bulb	Base	Fila-ment Design	Average Rated Life (Hours)	Light Center Length (Inch.)	Max. Over-all Length (Inch.)	Approx. Color Temp. °K.
EZG	GEMINI™ 300	300	35	4	16mm. Projection—Enclosed arc. Uses special power supply unit. Burn plane of reflector rim, vertical	★T-3 ¹ / ₂ Quartz in 2 ¹ / ₂ " dichroic reflector	Special 2-Pin Plug	Arc lamp	75	...	...	6000
EZM	MARC-300/16	300	37.5	4	16 mm. Projection—Enclosed arc. Uses special power supply unit. Burn plane of reflector rim, vertical	★T-3 ¹ / ₂ Quartz in 3" dichroic reflector	Special 2-Pin Plug	Arc lamp	25	...	...	5500
EZT	MARC-350/16T	350	45	4	16mm. Projection—Enclosed arc. Uses special power supply unit. Burn plane of reflector rim, vertical; leads down	★T-3 ¹ / ₂ Quartz in 3" dichroic reflector	Special 2-Pin Plug	Arc lamp	50	...	...	5500
EZS °	MARC-300/35K	300	37.5	24	Slide Projection—Enclosed arc. Bare lamp uses special power supply. Burn base down or horizontal	★T-3 ¹ / ₂ Quartz	Special Clip	Arc lamp	25	1 ¹⁹ / ₆₄	7 ³ / ₄	5500

NOTES: This is an alphabetical listing of General Electric standard ANSI-coded lamps intended for projection applications. For information on special projection lamps or lamps for other applications, consult Photo Lamp Master Catalog PH3200.

SYMBOLS:

- ★ Lamp has a special glass bulb—heat-resistant.
- ▼ Lamp should be used in equipment designed to maintain bulb and base temperatures within safe limits.
- ⊖ Base pins of lamp are approximately parallel to plane of lead wires.

- ☆ Lamps should be protected from scratches and abrasions and should not be used at over 110% of rated voltage.
- ° Special order lamps. See PH3200 for details.
- † Made in W. Germany or Japan.

GE PROJECTION LAMP GUIDE

MOST POPULAR PROJECTION LAMP TYPES

AMATEUR USAGE

Most popular 10 (Alphabetically)	Second most popular 10 (Alphabetically)	Third most popular 10 (Alphabetically)	Fourth most popular 10 (Alphabetically)
DAT/DAK DAY/DAK DCH/DJA/DFP DEK/DFW DFE DGB/DMD DJI DLD/DFZ DNE ELH	CLS/CLG CXR/CXL CZA/CZB CZX/DAB DEF DFA DFG DFN/DFC DLH ELE/ELT	BLC BLX BVR CAL CAR DCA DLS/DLG/DHX DNF ELB ENZ	BCK BMG/BMH CBA CMV/CMT DCF DDB DYY/EGH EFP EFR EJM

NON-AMATEUR USAGE

Most popular 10 (Alphabetically)	Second most popular 10 (Alphabetically)	Third most popular 10 (Alphabetically)	Fourth most popular 10 (Alphabetically)
CAX CTT/DAX CWA DAY/DAK DEK/DFW DYS/DYV/BHC ELH EMM/EKS ENX FCS	BLC CAL CAR CZA/CZB CZX/DAB DDB EJL ELD/EJN ENH FAL	BLX BNF BVE CBA DKM DRS EHA ELC ENG FFJ	BCK CDD CEM CXK DAT/DAK DDL DGB/DMD DZE/FDS ENL FCB

MICROFILM USAGE

Most popular 8 (Alphabetically)	Second most popular 8 (Alphabetically)	Third most popular 8 (Alphabetically)	Fourth most popular 8 (Alphabetically)
DDL DED DDS ELD/EJN EPX FCR FCS FDT	DZA DZE/FDS EKX ELS/ELR EML EPZ ESX* FHX	DDN DJT DYT DZB EKN EPV FGW FHZ*	DDJ/DZZ* DDP DYF ELA EMC EWM* FCK FDV

*Recently introduced; lamp volume expected to increase.

PHOTOGRAPHIC LAMP SUBSTITUTE LAMP GUIDE & IMPORTED LAMP TO ANSI CODE CROSS REFERENCE

SUBSTITUTE LAMP GUIDE

The Substitute Lamp Guide is arranged under three main column headings:

1. Lamp Requested... pertains to the lamp asked for by the customer. Arranged alphabetically by code, they are further identified by their wattage and lamp end (clear or opaque).
2. This Lamp May Be Substituted... pertains to a lamp that may be used instead of the requested lamp. These columns are identical to those of the requested lamp, for quick wattage and lamp-end comparison.
3. Substitute Lamp Differs In These Respects, etc.... everything under this and the six sub-column headings pertains to the substitute lamp as compared to the requested lamp. For example: if the word "more" appears in the "light" column, the substitute lamp gives more light than the lamp requested.

Most of the recommended substitute lamps in this guide are directly interchangeable with the lamp requested. However, additional information may be needed in some instances:

Lower Wattage... When a lower wattage lamp is used as a substitute, the projected image will not be as bright as with the requested lamp.

Opaque End... Normally, a substitute lamp having an opaque end makes an excellent replacement for a clear end lamp (everything else being equal). However, opaque end lamps may not be used where a highly specialized application requires light from the end of the lamp.

Proximity Reflector... The CZA type lamp may be substituted for the corresponding non-proximity type such as DAY/DAK... providing the socket does not position the lamp's reflector between the projector's lens and the lamp's filament.

Non-proximity... Ordinarily, non-proximity lamps should not be substituted for proximity lamps since projectors designed for proximity lamps have no internal reflector.

Internal Dichroic Reflector... Lamps with internal dichroic reflectors may substitute internal metal reflector lamps... for example, DEF for DCA or DLS for DLG. Dichroic lamps give the same amount of light while operating 50% cooler.

Internal Metal Reflector... Internal metal reflector lamps should not be used as replacement for internal dichroic reflector lamps... for example, DCA for DEF or DLG for DLS... because the cooling system of projectors designed for dichroic lamps is usually inadequate for hotter burning lamps.

IMPORTED LAMP TO ANSI CODE CROSS REFERENCE

This data is based on the best available information. However, there may be errors or omission for which we cannot be responsible. We will welcome corrections, additions and suggestions for inclusion for future editions.

Imported lamps with equivalent ANSI code designations are listed for most popular lamp types. Ordering codes frequently used in Europe or Japan are listed in alpha-numeric order, not by order of manufacturer. Since most foreign manufacturers do not use ANSI codes and many lamp types are involved, omission of an imported lamp code from this list does not mean an ANSI coded lamp is not available.

GE SUBSTITUTE LAMP GUIDE

NO SUBSTITUTE LAMP IS AVAILABLE FOR THE FOLLOWING LAMPS

BAL	BVB	CRC*	DDK	DNC*	EKL
BBA	BVE	CRL	DDL	DNE	EKN
BCA	BVK	CRS*	DDM	DNF	EKP
BCS*	BVL	CST*	DDN	DNK*	EKZ
BDW	BVR	CTB*	DDP	DRL*	ELA
BEB*	BWC*	CTL	DDS	DSR*	ELD
BEC	BWJ*	CTM	DEA*	DSW	ELE
BEP	BWR*	CTR	DED	DTS	ELJ
BES*	BWY*	CTW*	DEF	DTW*	ELS
BEV	BXB	CVJ	DEJ	DWB*	EMC
BEY	BXE	CVS	DES*	DWF*	EMG*
BFA	BXJ	CWG*	DET*	DWZ	EMH*
BFB*	BXT	CWR*	DEX*	DXC	EML
BFR*	BYD*	CWY*	DFH*	DXL	EMM
BFT*	BYJ*	CXD*	DFJ	DYA	ENL
BFX*	BYM*	CXG*	DFN	DYF	ENX
BGB	BYR*	CXH*	DFR*	DYH	ENZ
BHA*	BYT*	CYA*	DGA	DYP	EPG
BHB	BZG*	CYB*	DGB	DYR	EPN
BHD	CAD*	CYE*	DGE*	DYS	EPT
BHG*	CAG*	CYF*	DGJ*	DYT	EPV
BJC*	CBA	CYG*	DGS	DYY	EPX
BJJ*	CBX	CYN*	DGX*	DZA	EPZ
BJS*	CCB*	CYR*	DHB*	DZB	ERV
BJW	CCK	CZC*	DHH*	DZE	ESC
BKG*	CDK	CZG*	DHJ	EAL	ESD
BKR	CER*	CZJ*	DHW*	EBR	ESJ
BKV	CFA*	CZS	DJD*	EBW	ETS
BLC	CFY*	DAC*	DJR*	ECT	ETT
BMA	CGD*	DAF*	DJT	EDK	FAL
BNB*	CGE	DAN*	DKF*	EFM	FBG
BNK	CGP	DAR	DKK	EFN	FCB
BNS	CHY	DAS	DKM	EFP	FCR
BRD	CHW*	DBK*	DKY*	EFR	FCS
BRK	CJW*	DBR*	DLC	EGX	FDT
BRS	CNJ*	DBT*	DLD	EHA	FEA*
BRX	CNP*	DCE*	DLT*	EJA	FEB*
BSK	CNS*	DCF	DLY*	EJM	FFJ
BSS	CNX*	DCL	DMG*	EJV	FGA*
BSW	CPB*	DCN*	DMH	EJY	MARC-300/35K (EZS)
BTD	CPF*	DCS*	DMJ	EJZ	MARC-300/16 (EZM)
BTK*	CPG	DCW*	DML	EKB	MARC-350/16T (EZT)
BTT	CPR	DCY	DMS	EKC*	
BVA*	CPW*	DDJ	DMX	EKD	

*Discontinued by General Electric.

SUBSTITUTE LAMP GUIDE

LAMP REQUESTED			THIS LAMP MAY BE SUBSTITUTED			SUBSTITUTE LAMP DIFFERS IN THESE RESPECTS FROM THE REQUESTED LAMP				
Code	Watts or Amperes	Lamp End	Code	Watts or Amperes	Lamp End	Light	Life	Heat	Lamp Dimensions	Other
BAH	300	frosted	BBA	250	frosted	more	less	same	same	_____
BAK	.75A	clear	BRS	.75A	clear	same	less	same	same	_____
BCK	500	clear	CZA	500	opaque	same	less	same	longer lamp	Glass lamp
BEH	150	opaque	CAR	150	opaque	same	same	same	same	Proximity reflector may not work in some projectors.
BEJ	200	clear	BEC	150	clear	less	same	less	same	_____
BFK	750	opaque	BFL	750	opaque	same	same	same	same	Special bulb for bowling score projectors.
			DGH	75	opaque	more	more	same	Bulb 1" narrower	_____
BFL	750	opaque	DGH	750	opaque	more	more	same	Bulb 1" narrower	_____
BHC	600	clear	DYS	600	clear	same	same	same	shorter lamp	Better Performance
BHF	100	opaque	BHD	100	clear	same	same	same	same	_____

GE SUBSTITUTE LAMP GUIDE

LAMP REQUESTED			THIS LAMP MAY BE SUBSTITUTED			SUBSTITUTE LAMP DIFFERS IN THESE RESPECTS FROM THE REQUESTED LAMP				
Code	Watts or Amperes	Lamp End	Code	Watts or Amperes	Lamp End	Light	Life	Heat	Lamp Dimensions	Other
BKC	15	clear	BKG	15	clear	same	same	same	same	Bulb white coated
BKF	45	clear	BLC	30	clear	less	less	less	same	_____
BKG	15	clear	BKC	15	clear	same	same	same	same	Clear bulb
BLK	30	frosted	BKR	30	clear	less	same	less	same	Clear bulb
BLR	50	clear	BKV	30	clear	less	same	less	same	_____
BLX	50	clear	BLC	30	clear	less	same	less	same	_____
BMD	100	clear	BMY	100	clear	more	more	more	same	Larger filament
BMG	100	clear	BLX	50	clear	less	more	less	same	_____
BMH	100	clear	BMG	100	clear	more	less	same	same	Different filament
BMY	100	clear	BLR	50	clear	less	same	less	same	_____
			BMD	100	clear	less	less	same	same	Smaller filament
BNF	75	clear	BLX	50	clear	less	more	less	same	_____
BRH	1000	clear	DXW	1000	clear	less	more	same	same	More heat in equipment.
			DXN	1000	clear	more	less	same	same	More heat in equipment.
BRS	.75A	clear	BAK	.75A	clear	same	more	same	same	_____
BSA	.5A	clear	BAK	.75A	clear	—	more	less	same	Better Performance
BSB	1A	clear	BSS	1A	clear	same	more	same	same	_____
BTL	500	clear	CZX	500	opaque	same	less	same	longer lamp	Glass lamp
BTM	500	clear	BTL	500	clear	less	more	same	longer lamp	_____
BVS	6.5A	clear	BVK	6.5A	clear	same	same	same	shorter lamp	_____
BZW	50	clear	CAS	50	clear	more	same	same	same	_____
CAC	50	clear	CAJ	50	opaque	less	same	same	same	_____
			CAX	50	clear	less	same	same	same	Larger filament
CAE	100	opaque	CDD	100	clear	same	same	same	same	_____
CAJ	50	opaque	CAC	50	clear	same	same	same	same	_____
CAL	300	opaque	CWD	300	opaque	same	same	same	same	Projector must have internal reflector.
			CRT	300	opaque	less	more	less	same	Very long life, lower light output.
CAR	150	opaque	BEH	150	opaque	same	same	same	same	Projector must have internal reflector.
			DFE	150	opaque	less	more	less	same	_____
CAS	50	clear	BZW	50	clear	less	same	less	same	_____
CAV	50	opaque	CAS	50	clear	same	same	same	same	_____
CAX	50	clear	CAC	50	clear	less	same	more	same	_____
CBC	75	clear	CBJ	75	opaque	same	same	_____	_____	_____
CBJ	75	opaque	CAS	50	clear	same	same	same	same	_____
CBS	75	clear	CBX	75	opaque	same	same	same	same	_____
CCM	200	opaque	CGP	150	opaque	less	same	less	same	_____
CDD	100	clear	CBJ	75	opaque	less	same	less	same	_____
CDJ	100	clear	CEB	100	clear	same	same	same	same	Larger filament
CDK	100	opaque	EBX	75	opaque	less	same	less	same	Different filament
CDS	100	opaque	CBJ	75	opaque	less	same	less	same	_____
CDX	100	clear	CDS	100	opaque	same	same	same	same	_____
CEA	100	opaque	CEB	100	clear	same	same	same	same	_____
			CDK	100	opaque	same	same	same	same	Improved replacement
CEB	100	clear	CBX	75	opaque	less	same	less	same	_____
CEG	100	clear	CCK	75	clear	less	same	less	same	_____
CEL	110	opaque	CBX	75	opaque	less	less	less	same	_____
CEM	120	opaque	CBJ	75	opaque	less	less	less	same	_____
CET	200	opaque	CHG	200	clear	same	same	same	same	_____
CEW	150	opaque	CDS	100	opaque	less	more	less	same	_____
CFC	150	clear	CEW	150	opaque	same	same	same	same	_____
CFK	150	clear	CGP	150	opaque	same	same	same	same	_____
CGF	150	opaque	CGP	150	opaque	more	less	same	same	1/8 the life
CGT	200	clear	CGW	200	opaque	same	same	same	same	_____
CGW	200	opaque	CEW	150	opaque	less	same	less	same	_____
CHD	200	clear	CCM	200	opaque	same	same	same	same	_____
CHG	200	clear	CFY	150	clear	less	same	less	same	_____
CHK	150	opaque	CGE	150	opaque	more	less	same	same	1/2 the life
CHS	50	clear	CHW	50	opaque	same	same	same	same	_____
CJD	75	clear	CHW	50	opaque	less	same	less	same	_____
CJJ	75	clear	CHY	50	clear	less	same	less	same	_____

GE SUBSTITUTE LAMP GUIDE

LAMP REQUESTED			THIS LAMP MAY BE SUBSTITUTED			SUBSTITUTE LAMP DIFFERS IN THESE RESPECTS FROM THE REQUESTED LAMP				
Code	Watts or Amperes	Lamp End	Code	Watts or Amperes	Lamp End	Light	Life	Heat	Lamp Dimensions	Other
CJT	100	clear	CJW	100	opaque	same	same	same	same	_____
CJX	100	clear	CHY	50	clear	less	same	less	same	_____
CLG	300	clear	CLS	300	opaque	same	same	same	same	_____
CLS	300	opaque	CGW	200	opaque	less	same	less	shorter lamp	_____
			CMV	300	opaque	more	same	same	same	_____
CLX	300	opaque	CCM	200	opaque	less	same	less	shorter lamp	_____
CMA	300	clear	CHG	200	clear	less	same	less	slightly smaller	_____
CMB	300	clear	CLX	300	opaque	same	same	same	same	_____
CMK	300	clear	CHG	200	clear	less	same	less	slightly smaller	_____
CMS	300	opaque	CNC	300	clear	same	same	same	same	_____
CMT	300	clear	CMV	300	opaque	same	same	same	same	_____
CMV	300	opaque	CLS	300	opaque	less	same	same	same	_____
CNC	300	clear	CLX	300	opaque	more	same	same	same	_____
CRA	300	opaque	DGA	300	opaque	same	same	same	same	Monoplane filament
CRT	300	opaque	CAL	300	opaque	more	less	more	same	Projector must have internal reflector.
CRX	300	opaque	CRL	300	opaque	less	same	less	same	25 hr. life, more light & heat
CTT	1000	opaque	CWA	750	opaque	less	same	less	same	32-34 volts
(for CTS use CTT)			CZA	500	opaque	less	same	less	—	Lamp 5/8" shorter, 1/4" narrower
CVX	200	opaque	CVS	200	clear	same	same	same	same	_____
CWA	750	opaque	CZA	500	opaque	less	same	less	—	Lamp 5/8" shorter, 1/4" narrower
CWD	300	opaque	CAL	300	opaque	same	same	same	same	Proximity reflector may not work in some projectors.
CWW	250	clear	CVS	200	clear	less	same	less	same	_____
CXF	200	clear	CTL	150	opaque	less	same	less	same	Different filament
CXK	300	opaque	CXY	300	opaque	more	same	same	same	_____
CXL	50	clear	CXR	50	opaque	more	same	same	same	Improved replacement
CXP	300	opaque	CAL	300	opaque	less	same	same	same	Proximity reflector
			CWD	300	opaque	less	same	same	same	_____
CXY	300	opaque	CXK	300	opaque	less	same	same	same	_____
CYC	300	opaque	CTM	200	opaque	less	same	less	same	Different filament
CYK	400	opaque	CRT	300	opaque	less	more	less	same	_____
CYS	1200	opaque	CTT	1000	opaque	less	more	less	same	_____
			CWA	750	opaque	less	more	less	same	_____
CZA	500	opaque	CAL	300	opaque	less	same	less	same	_____
CZB	500	opaque	CZA	500	opaque	less	more	same	same	_____
CZF	500	opaque	CZX	500	opaque	same	same	same	same	_____
CZX	500	opaque	CXY	300	opaque	less	same	less	same	_____
DAB	500	opaque	CZX	500	opaque	less	more	less	same	_____
			CXY	300	opaque	less	more	less	same	_____
DAH	500	opaque	EGX	500	opaque	more	same	same	same	Quartzline lamp
DAK	500	opaque	DAT	400	opaque	less	same	less	same	_____
			DAY	500	opaque	same	more	same	same	Heat resistant bulb
			CWD	300	opaque	less	same	less	same	_____
DAT	400	opaque	CWD	300	opaque	less	same	less	same	_____
DAX	1000	opaque	CTT	1000	opaque	less	more	same	same	_____
			CWA	750	opaque	less	more	less	same	_____
DAY	500	opaque	CWD	300	opaque	less	less	less	same	_____
DBH	1200	opaque	CYS	1200	opaque	same	same	same	same	Proximity reflector, may not work in some projectors
DBM	1000	opaque	CTT	1000	opaque	less	more	same	same	Longer life lamp
DBR	300	clear	CTL	150	opaque	less	same	less	bulb 1/4" narrower	_____
DCA	150	opaque	DEF	150	opaque	same	same	less	same	Dichroic reflector
DCC	500	clear	CZX	500	opaque	same	same	same	same	_____
DCH	150	clear	DCL	150	clear	same	same	less	same	Dichroic reflector
DCX	750	opaque	CZS	500	opaque	less	same	less	bulb 1/4" narrower	_____
ddb	750	opaque	CZX	500	opaque	less	same	less	bulb 1/4" narrower	_____

GE SUBSTITUTE LAMP GUIDE

LAMP REQUESTED			THIS LAMP MAY BE SUBSTITUTED			SUBSTITUTE LAMP DIFFERS IN THESE RESPECTS FROM THE REQUESTED LAMP				
Code	Watts or Amperes	Lamp End	Code	Watts or Amperes	Lamp End	Light	Life	Heat	Lamp Dimensions	Other
DDW	750	opaque	DDB CZX	750 500	opaque opaque	less less	same more	same less	same bulb 1/4" narrower	—
DDY	750	opaque	DGH	750	opaque	less	more	less	same	—
DEC	750	clear	DAS	500	clear	less	same	less	lamp smaller	—
DEJ	750	opaque	DAG	500	opaque	less	same	less	bulb 1/4" narrower	—
DEK	500	opaque	CBA DAH DCY EGX	500 500 150 500	opaque end opaque end opaque opaque	same less less less	more more more more	same less less less	same same same same	Quartzline lamp Quartzline lamp
DEL	500	opaque	DEK	500	opaque	less	more	same	same	25 hour life — 33% less light
DEP	750	opaque	DAK DAY	500 500	opaque opaque	less less	same same	less less	lamp smaller shorter, narrower lamp	Heat resistant bulb
DER	500	opaque	DAH DEK	500 500	opaque opaque	less more	more less	less more	shorter lamp shorter lamp	Heat resistant bulb
DFA	150	opaque	DFG	150	opaque	same	same	same	same	Different LCL
DFC	150	clear	DFN	150	clear	same	same	same	—	—
DFD	1000	opaque	DFT	1000	opaque	less	more	same	same	—
DFE	80	clear	DGB	80	clear	same	same	same	longer lamp	—
DFG	150	opaque	CAR	150	opaque	more	less	same	same	—
DFH	150	opaque	DFA	150	opaque	same	same	same	same	Different LCL
DFI	1000	opaque	DFY	1000	opaque	less	more	same	same	—
DFJ	150	clear	DCH	150	clear	less	same	same	longer lamp	—
DFK	150	clear	DCH	150	clear	same	same	same	longer lamp	—
DFL	1000	opaque	DFD	1000	opaque	more	less	same	same	—
DFM	500	opaque	DEK DAH	500 500	opaque opaque	same less	same more	same less	shorter lamp shorter lamp	200 hour lamp, heat resistant bulb.
DFN	1000	opaque	DFK DEJ	1000 750	opaque opaque	more less	less same	same less	same same	—
DFO	80	clear	DLD	80	clear	same	more	same	—	3/8" shorter, 1/4" narrower
DFP	80	clear	DFE	80	clear	same	less	same	shorter lamp	—
DFQ	500	opaque	DGA	300	opaque	less	same	less	bulb 1/4" narrower	—
DFR	750	opaque	DDY	750	opaque	more	less	more	same	—
DFS	1000	clear	DGS	1000	clear	more	less	same	same	10 hour lamp
DFT	750	opaque	DEP DAY	750 500	opaque opaque	same less	same more	same less	same smaller lamp	Standard bulb; DGR bulb is heat resistant. Heat resistant bulb
DFU	500	opaque	DAH	500	opaque	same	less	same	shorter lamp	—
DFV	500	opaque	DEK	500	opaque	same	same	same	shorter lamp	—
DFW	1200	clear	DGS	1000	clear	less	more	less	same	—
DFX	1200	opaque	DFD DFT	1000 1000	opaque opaque	less less	same more	less less	same same	—
DFY	150	clear	DLS	150	clear	same	same	same	same	Different shaped bulb
DFZ	150	clear	DCH	150	clear	same	same	same	same	—
DGA	500	clear	DFG	150	opaque	less	same	same	longer lamp	Different filament.
DGB	250	opaque	DLR	250	opaque	more	less	more	same	—
DGC	150	clear	DLS	150	clear	same	same	same	same	Longer focal length
DGD	80	clear	DLD	80	clear	same	same	same	1/16" shorter MOL	—

GE SUBSTITUTE LAMP GUIDE

LAMP REQUESTED			THIS LAMP MAY BE SUBSTITUTED			SUBSTITUTE LAMP DIFFERS IN THESE RESPECTS FROM THE REQUESTED LAMP				
Code	Watts or Amperes	Lamp End	Code	Watts or Amperes	Lamp End	Light	Life	Heat	Lamp Dimensions	Other
DLG	150	clear	DLS	150	clear	same	same	less	same	Dichroic reflector
DLH	250	opaque	DJL	150	clear	less	same	less	same	_____
DLN	750	opaque	DEK	500	opaque	less	same	less	shorter bulb	_____
DLR	250	opaque	DKM	250	opaque	less	more	less	same	_____
DLS	150	clear	DKR	150	clear	same	same	same	same	Shorter focal length
DMD	80	clear	DGB	80	clear	same	same	same	_____	Different shape bulb
DMK	500	clear	DML	400	clear	less	same	less	same	_____
DNR	500	clear	DMX	500	clear	more	more	same	same	Monoplane filament
DPB	750	clear	DMS	500	clear	less	more	less	same	Monoplane filament
DPJ	750	clear	DMX	500	clear	less	more	less	same	Monoplane filament
DPT	1000	clear	DRW	1000	clear	less	same	same	same	_____
DPW	1000	clear	DSB	1000	clear	more	same	same	same	_____
DRB	1000	clear	DRC	1000	clear	less	more	less	same	50 hour lamp
DRC	1000	clear	DRB	1000	clear	more	less	more	same	25 hour lamp
DRG	1000	clear	DMS	500	clear	less	more	less	same	_____
DRS	1000	clear	DPJ	750	clear	less	same	less	same	_____
DRW	1000	clear	DPT	1000	clear	more	same	same	same	_____
DSB	1000	clear	DPW	1000	clear	less	same	same	same	_____
DTC	1500	clear	DRW	1000	clear	less	same	less	same	_____
DTJ	1500	clear	DSB	1000	clear	less	same	less	same	_____
DYV	600	clear	DYS	600	clear	same	same	same	same	_____
DVY	650	clear	DYH	600	clear	less	more	less	same	3200°K lamp
DWA	650	_____	FGS DXK	250 650	_____	less same	less same	less same	same same	Replacement lamp only Quartzline lamp
DWW	460	clear	FAL	420	clear	less	more	less	same	_____
DWY	650	clear	FAD	650	clear	less	more	same	same	3200°K lamp
DXN	1000	clear	DXW	1000	clear	less	more	same	same	3200°K lamp
DZL	100	clear	DYT	80	clear	less	less	same	longer lamp	_____
EDB	500	clear	DMX	500	clear	same	more	same	same	_____
EGH	500	clear	DYY	525	clear	more	same	more	longer lamp	_____
EJL	200	clear	EJA	150	clear	less	less	less	same	_____
EJN	150	clear	ELD	150	clear	same	same	same	same	Multi-Mirror reflector— better coverage
EJS	150	clear	EJM	150	clear	less	more	same	same	_____
EJV	150	clear	EKE	150	clear	same	more	less	same	200 hour lamp
EKD	650	clear	DYS	600	clear	less	more	less	same	_____
EKE	150	clear	EJV	150	clear	same	less	more	same	25 hour lamp
EKG	80	clear	ENW	80	clear	same	more	less	same	200 hour lamp
EKS	250	clear	EMM	250	clear	same	more	same	same	_____
ELB	80	clear	ENZ	50	clear	less	more	less	same	_____
ELC	250	clear	EJL	200	clear	less	same	less	same	_____
ELH	300	clear	ENG ENH	300 250	clear clear	more less	less more	more less	same same	_____
ELR	65	clear	ELS	50	clear	less	more	less	same	_____
ELT	80	clear	ELE	80	clear	same	less	same	same	_____
ENA	80	clear	EKP	80	clear	same	same	same	same	Dichroic reflector
ENB	150	clear	EJV EKE	150 150	clear clear	more less	less more	same same	same same	_____
ENC	80	clear	ENW	80	clear	same	more	less	same	_____
ENG	300	clear	ELH ENH	300 250	clear clear	less less	more more	less less	same same	_____
ENH ¹	250	clear	ELH ENG	300 300	clear clear	more more	less less	more more	same same	_____
ENW	80	clear	EKG	80	clear	more	less	same	same	25 hour lamp
ESX	25	clear	FHX	25	clear	more	less	same	same	250 hour lamp
FAB	650	clear	DWY	650	clear	less	more	same	same	_____
FBD	500	clear	FBG	500	clear	same	same	same	shorter lamp	More rugged construction
FCS	150	clear	FDV	150	clear	less	more	less	same	_____
FDS	150	clear	DZE	150	clear	more	less	more	same	_____
FDV	150	clear	FCS	150	clear	more	less	more	same	_____
FHX	25	clear	ESX	25	clear	less	more	same	same	500 hour lamp
MARC 300/16A	300	clear	GEMINI 300/EZM	300	clear	same	more	same	same	_____

IMPORTED LAMP TO ANSI CODE REFERENCE

IMPORTED LAMP TYPE REQUESTED	SUBSTITUTE THIS GE PROJECTION LAMP	VOLTS
A1/2	CAS	120
A1/4	CVS	115-120
A1/5	DLC	115-120
A1/6	CXK	120
A1/7	CZX/DAB	115-120
A1/8	DMX	115-120
A1/9	DDB	115-120
A1/11	DPW	115-120
A1/13	CVS/CVX	115-120
A1/17	CXR/CXL	8
A1/19	CAX	120
A1/21	CDS	120
A1/24	DFN	125
A1/25	CCM/CHD	120
A1/26	CGW/CGT	120
A1/37	CLS/CLG	120
A1/39	CZC	120
A1/42	DMS	115-120
A1/47	DAR	115-120
A1/53	DEJ	120
A1/57	DPT	115-120
A1/58	DRS	120
A1/59	DFD	115-120
A1/91	DFY	115-120
A1/121	CDJ	120
A1/137	CMV/CMT	120
A1/167	CEW/CFC	120
A1/168	CGP/CGF	115-120
A1/178	CWD	120
A1/180	DAY/DAK	120
A1/182	BEH	120
A1/184	DCA	21
A1/185	CXR/CXL	8
A1/186	BXT	12
A1/188	DPW	115-120
A1/191	DHT	115-120
A1/194	DLS/DLG/DHX	22
A1/201	CAL	120
A1/202	CXR/CXL	8
A1/206	CWA	120
A1/207	CTT/DAX	120
A1/208	CYS	120
A1/210	DLS/DLG/DHX	22
A1/211	DEF	21
A1/215	FCR	12
A1/216	FCS	24
A1/221	DLS/DLG/DHX	22
A1/222	DFN	125
A1/226	DWZ	30
A1/227	FAL	120
A1/228	FCB	120
A1/229	EFM	8
A1/230	EFN	12
A1/231	EFP	12
A1/232	EFR	15
A1/233(120V)	DYS/DYV/BHC	120
A1/241	CBA	120
A1/252	EJL	24
A1/259	ELC	24
G.5	BSS/BSB	6
G.18	BTD	7
G.19	BRD	4
G.23	BVK/BVS	5
G.27	BRK	4
G.29	BRS	4
G.31	BSS/BSB	6
G40	BSK	6
JCD 120V 600WA ¹ -C	DYH	120
JCD 120V 600WB-C	DYS	120
JCD 120V 650WA ¹ -C	DVY	120

IMPORTED LAMP TYPE REQUESTED	SUBSTITUTE THIS GE PROJECTION LAMP	VOLTS
JCD 120V 650WB-S	EKD	120
JCR 8V-50W	EFM	8
JCR 12V-75W	EFN	12
JCR 12V-100W	EFP	12
JCR 15V-150W	EFR	15
JPD 120V 1000W/B/DYA	DYA	120
JPD 120V 600W/B/FFJ	FFJ	120
JPD 120V 600W/B/FCB	FCB	120
P1/2	EBV	115-120
P1/9	DWY	120
P1/11	DXX	230,240
P2/1	ECT	120
P2/4	EAL	120
P2/6	FAD	120
P2/13	DXX	230,240
PN100	CXR/CXL	8
PN101	EFM	8
PN131	EFN	12
PN140	BXT	12
PN160	FCR	12
PN161	EFP	12
PN201	EFR	15
PN230	FCS	24
297C	DPW	115-120
297G	DPT	115-120
375C	DMX	115-120
375E	DMS	115-120
5968	EHA	120
5973	DZB	12
6131C	CXK	120
6152C	CZX/DAB	115-120
6152H	DAR	115-120
6153C	DDB	115-120
6153H	DEJ	120
6156N	CAS/CAV	120
6156W	CAX	120
6157N	CBJ/CBC	120
6158N	CDS/CDX	120
6158W	CDD	120
6160C	CVS/CVX	115-120
6166C	CHG/CET	120
6166N	CGW/CGT	120
6185C	DRS	120
6280	DAY/DAK	120
6280C	CWD	120
6281C	DGA	120
6283C	DGF	120
6284C	BEH	120
6296C	CTT/DAX	120
6365R	FAD	120
6366	DXX	230,240
6423	EFR	15
6834	EFP	12
6837	EFP	12
6847	EFM	8
6853	EFN	12
7038	ELA	19
7066N	CYC	120
7023	FCR	12
7158	FCS	24
7210C	BSS/BSB	6
7212N	CLS/CLG	120
7212W	CLX/CMB	120
7238N	BXT	12
7242C	DFT	115-120
7242H	DFY	115-120
7252C	BSW	7
7253C	BRS	4
7255C	BVK/BVS	5
7708C	BSK	6
8003	BRD	4

IMPORTED LAMP TYPE REQUESTED	SUBSTITUTE THIS GE PROJECTION LAMP	VOLTS
8004	BRS	4
8005	BRK	4
8009	BSK	6
8280C	CWD	120
12098R	DWZ	30
12216R	FAL	120
12260R	FCB	120
13116C	CXR/CXL	8
13120C	CXR/CXL	8
13140C	CVS/CVX	115-120
13141N	CEW/CFC	120
13141W	CGP/CGF	115-120
13148W	BLX	120
13163	ELC	24
13181	EPV	14.5
13186	EPX	14.5
13189	EPZ	13.8
13191P	DMX	115-120
13194	DED	13.8
64551	FAD	120
64570	DXX	230,240
64607	EFM	8
64615	EFN	12
64625	FCR	12
64627	EFP	12
64634	EFR	15
64640	FCS	24
64653	ELC	24
64705	EHA	120
603011	DWY	120
603016	FAD	120
603022	DXX	230,240
603043	DXX	230,240
605012	FCR	12
605024	FCS	24
605030	FAL	120
605031	FCB	120
605032	FBG/FBD	120
605170	BEH	120
605173	DGA	120
605181	DAY/DAK	120
605242	CXR/CXL	8
605246	DFN	125
605251	DCA	21
605252	DLS/DLG/DHX	22
605261	DEF	21
605262	DLS/DLG/DHX	22
605263	DKR	21
605264	DLR	21.5
605265	DKM	21.5
605302	BXT	12
605315	CZX/DAB	115-120
57.7580A	DMS	115-120
57.7580E	DMX	115-120
57.7880D	DPT	115-120
58.8105	BXT	12
58.8175	CDS/CDX	120
58.8275	BEH	120
58.8280E	CVS/CVX	115-120
58.8287	CEW/CFC	120
58.8371	CGW/CGT	120
58.8480E	DLC	115-120
58.8575	CLS/CLG	120
58.8576/1	CYC	120
58.8577	CWD	120
58.8581E	CXK	120
58.8780E	CZC	120
58.8877	DAY/DAK	120
58.8880E	CZX/DAB	115-120
58.8880/1C	DAR	115-120
58.8980E	DDB	115-120
58.8980/1C	DEJ	120
58.8985E	DFD	115-120
58.8985/1C	DFK	115-120
58.8987E	DRB	115-120

GE PROJECTION LAMPS

PROJECTOR MANUFACTURER CROSS INDEX

Brand Name (or Model) to Manufacturer

These Projectors	Are Listed Under	These Projectors	Are Listed Under	These Projectors	Are Listed Under
Ace	Wenzel	Illustravox	Singer	Siemens	Arriflex
Adslide	Walsh	Instructor	Singer or SVE	Silma	Hervic
Aldis	General Photographic	Jam Handy	SVE	Skani	G-M Lab.
AnSCO	GAF	Jan	Lumen or B & H	Skyline	SVE
Apex	Universal Sound	Jecta-Scope	Federal	Slide Cube	Bell & Howell
Apollo	Excel, American Optical	Karator	Agfa	Slide King	Beseler
Astrascope	Luminos	Kindermann	Voss	Slidette	SVE
Auto-Test	Capitol	Kodak	Eastman	Sonic	Airequipt
Balmite	Atlas Warner	Koolite	Buhl	Sound King	Conn. Tel.
Balomatic	Bausch & Lomb	Little Giant	Forway	Soundview	Automatic Projection or Kalart
Balopticon	Bausch & Lomb	Lytlelevision	AV Sales	Spectra	Optitronics
Beacon	Whitehouse Products	Magnamatic	Amplifier Corp.	Spencer	American Optical
Bell Boy	Movie-Mite	Magnavox	SVE	Star-D	Davidson
Calvin	Movie Mite	Memo	GAF	Strip Master	Hoover
Canary	A.V.E. Corp.	Metro-Lite	George R. Snell	Superba	Airequipt
Carene	Photo America Corp.	Mighty Midget	L. E. Davidson	Supersonic	Airequipt
Carousel	Eastman	Natco	Helene Curtis	Syncrofilm	Weber
CECO	F & B/Ceco	Nikkormat	EPOI	Talk Pix	Projection Service
Century	Ampro	Opta-Matic	Optics Mfg.	Target Systems	La Belle
Cine-Educator	Busch Film	Optirex	Meopta	TDC	Bell & Howell
Cinesalesman	Busch Film	Opa-Scope	Projection Optics	Technifax	Berkey, Scott Education
Cinephonic	Fairchild	Panama	Capitol	Tele-Color	Davidson
C. O. C.	Camera Optics	Panorama	Capitol	Teleshov	Hoppman Corp.
Constellation	Graflex	Paramount	Ampro	Tel-N-See	Baptista
Corona	Compco	Paromel	DeVry	Telepro	George R. Snell
Courier	La Belle	Pathe-Noris	Radiant-Pathe	Test Pilot	Capitol
Craig	Craig, or Kalart	Peep Show	Capitol	Thermo-Fax	3 M
Crestline	Sawyer's or Bernard Corp	Pekoscope	Excel	Transpaque	Projection Optics
Da-Brite	Mostow	Photophone	RCA	Travel-Graph	Projection Optics
Delineascope	American Optical	Pictronics	Anson	Triad	Compco
Diafant	Intercontinental	Picturul	SVE	Tri-Purpose	SVE
Diamator	Agfa	Pictur-Vision	Picture Recording	Turnpike	Capitol
Drive In Movie	Capitol	Polarama	Naren	Umena	E. Leitz
Dualet	GAF	Porta-Lite	Ozalid	Universal	Kimac or Safety Sentry
Dunning	Anson Research	Porta-Scribe	Beseler Photo Marketing, Inc.	Univex	Universal Camera
Duplex	Film Circulation	Port-A-View	FR Corp.	Valette	Conway
Electro-Acoustic	SVE	Porto-Sound	Capitol	Vicaudio	Vicom
B. K. Elliott	OCE-Elliott	Prado & Pradix	E. Leitz	Viceroy	Bernard, Sawyer's
Elmo	Honeywell	PRC	Picture Recording	Videotronic	MPO
Explainette	Operadio	Projecto-Lite	Ozalid	View-Master	Sawyer's
Fer-Color	Buttafarri	Projecto-Master	American Masterpieces	View Matic	Harwald
Filmo	Bell & Howell	Projecto-Sell	Webster	Visualcast	Victorlite
Fodeco	Technical Devices	Projex	Projection Optics	Vivid	Bell & Howell
Franklin	Compco	Raynox	Petri Kine	Voigt	Camera Specialty
Galaxy	Singer	Recordak	Eastman	Voigtlander	Zeiss
Genarco	George R. Snell	Regent	AnSCO	Vu-All	Beseler
Graflex	Singer	Rex	Holmes	Vu-Graph	Beseler
Grand Prix	Sawyer's	Ricoh	Bernard, Braun	Lu-Lyte	Beseler
Hanomat	Hanimex	Salesmate	Beseler	David White	Realist
Holmes	Forway or Holmes	Schoolmaster	Singer	Wollensak	Wollensak or Revere
Home Movie	Agfa	Selectroslide	Spindler & Sautpe	Zett	Willoughbys
Heiland	Honeywell	Shopper			
Ikolux	Zeiss	Stopper	Harwald		

GE PROJECTION LAMPS

PROJECTION LAMP—EQUIPMENT GUIDE

MANUFACTURER	TYPE & MODEL	LAMP CODE	MANUFACTURER	TYPE & MODEL	LAMP CODE
A-M	Microfilm Readers				
	975, 977, 978	DDS			
Accura, Ltd.	Slide				
	Portable Pocket Projector	CDS			
	126	CDS			
	Videocom 1000	DAK*, CWD			
Advanced Office Systems	Overhead				
	71	DYS/DYV			
Agfa-Gevaert, Inc.	8mm Movie				
	Movector 2000	EFP			
	Movector 4000	EFR			
	Movex 8, Movector E8	BXT			
	Movector BS, B, F9, FT, G,				
	Movector Dual	EFM			
	Sonector 8	CXR/CXL			
	Slide & Filmstrip				
	Diamator-N12	BXT			
	Diamator-H, H18	BEH			
	Diamator-M	CWD, DAT/DAK			
	Diamator-S	CLS, CMV			
	Diamator-100	FCS			
	Karator 55-77	CZX, DAB, CXY			
	Microfilm Reader				
	Copex L-16, L-35	FCR			
	LK-200 (R/P)	FCR			
	LP-1, LP-3, LP-4	FCR			
Alan Gordon Enterprises	Microfilm Reader				
	A-G-E Plan Vu	FCS			
	A-G-E Plan Vu II	FCR			
	A-G-E Gordon G-Z	FCS			
Airequipt, Inc.	8mm Movie				
	2100, -Z, 2200, 2300Z	DCH/DJA			
	2400Z, 2500Z	ELE			
	Slide & Filmstrip				
	All 100 Series	DAK*, CAL, BCK			
	All 300 Series	DAK*, CWD, BCK			
	All 400 Series	CZA, DAK*, BCK			
	All 300 & 400 Series (new)	BCK, CZA, DAK*			
	All 600 Series	DAK*, CZA, BCK			
	All 900 Series	BCK, CZA, DAK*			
	All 3000 & 4000 Series	DAK*, CZA, BCK			
	1635, 1670	DAK*, DAT/DAK			
Autostack	500, 550, 560	CZA, DAK*, BCK			
Avventura	340, 360, 380	CZA, DAK*, BCK			
Festival	30, 50, 230, 250	CZA, DAK*, BCK			
Sprite	20	CWD, BCK			
	25, 28	DAK*, CWD, BCK			
	30, 35	CZA, BCK			
Superba	30, 33	CWD, CAL, BCK			
	44, 66, 77	DAK*, DAY/DAK, BCK			
	33a, 44a, 66a, 77a	DAK*, DAY/DAK, BCK			
	Sonic	DAK*, DAY/DAK, BCK			
Super Sonic	Series A	CZA, DAK*			
Timatic	150	DAK*, DAT/DAK			
Apex (Allied Impex)	8mm Movie				
	500 DUO	CZX, CXY			
	Slide & Filmstrip				
	Deluxe Portable, Jr.	CDS, CBJ			
American Machine & Foundry Co.	Bowling Score				
	AMF-8252, 8256, 8257, 8265	DGH, DDY			
	AMF-8293	DWZ			
American Masterpieces	Slide & Filmstrip				
	Projecto-Master	BLX, BLC			
	American Optical Corp.				
	Microfilm Reader				
	16mm Reader	7.5A/T8SCP			
	Slide & Filmstrip				
	Educator-150, MK-150, Performer-150	CEW, CGE			
	I, L, M, T, IT, MK-200, Magnavisa	CVS			
	AO-300, Executive-300, Skot	CLS, CMV			
	MK-300, Mc Custom-300	CXK, CXY			
	Pocket	CAS, CBJ			
	O, MK-100	CDS, CDD, CBJ			
	Slide & Filmstrip				
	AO-500, Educator-500, Executive-500, Mc Custom-500, Performer-500, President-500, Producer-500	CZX, CXY			
	GK	DDB, CZX			
	B, C, D, E, H, S, V, Y	+DMX, DMS			
	BC, DA, DC, DK, SA, SAC, VA, VAC, VACK, YA, YAC	DMX			
	J	+DPW, DPT			
	JK	DPW, DTJ			
	LK	DPW, DSB			
	P	1M/G40/24			
	R, RA	1M/G40/24			
	Project-O-Chart 1215, 1217, 11082	CAX, CAC, CHY (230V.)			
	Reviewer 500	CZX			
	Opaque & Transparency				
	Opaque 3525, 3527	DRS, DRC, DRB			
	Overhead 3540, 3550	DRC, DRS, DRB			
	Overhead Apollo 3640, 3641	FAL, DWW			
	Overhead Apollo/6-3650, 3651, 3653, 3654, 3669, 3672	FFJ, FAL, DWW			
	Overhead Apollo 6, 3665	DYR (220V)			
	Overhead Apollo 6, 3666	DYR (240V)			
	Overhead Apollo 10, 3671	DXN, DXW			
American Research Lab.	8mm Movie				
	Photo-Tronic 800	DCA, DEF			
Amplifier Corp.	Slide & Filmstrip				
	Magnamatic 920	DAK*, DAY/DAK			
Ampro Corp. (Graflex)	8mm Movie				
	A-8 (Serial Nos. to 14000)	CZX			
	A-8 (Serial Over 14000)	DDB			
	16mm Movie				
	A, AD, AS, C, E, F	CXK, CXY			
	GK, GS, JD, JS, M, MC, JC	CZX, CXK, CXY			
	JA	CXK			
	H, K, L, N, R, S, U, KD, KS, NC, UA, UC, YC, UAB	DDB, CZX			
	X, Y, XA, XC, YA, YS, COM, YSA	DFD, DDB, CZX			
	Century-5, Century-10, Century-10A, Compact, Premier-10, -20, -30, -40, Paramount-20	DFD, DDB, CZX, (Threading)			
	Super Stylist-508, -510, -512, Stylist Deluxe-548, -568, DEC-481, 479 Military	DFD, DDB, CZX, (Threading)			
	Imperial	DFD, DDB, CZX, 6S6 (Dial & Threading)			
	Amprosound Repeater	CXK			
	Sound Lamp				
	L, M, N, U, X, Y, YS, Century-5	BSW			
	S	BFT			

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MANUFACTURER	TYPE & MODEL	LAMP CODE
Ampro Corp. (Graflex)		
	Sound Lamp	
	AA, XA, YA, YSA, UA, UAB ..	BSS
	Century-10, -10A, Premier-10, -20, Paramount-20	BSS
	Premier-30, 40	BFX
	Compact, Stylist, Stylist Deluxe, 479 Military	BRK
	Super Stylist-508, -510, -512, Stylist Deluxe-548, -568	BRK
	Slide & Filmstrip	
	30A, 30D	CXK
	Amromatic 500	CZX, CXY
Anson Research Co.		
	Slide & Filmstrip	
	Dunning Animatic A, B (Old)	CZX
	Dunning Animatic A, B (New)	CZA/CZB
Antona, Inc.		
	8mm Movie	
	Antona Image Blend	DYY/EGH
Applied Sciences, Inc.		
	Overhead	
	Overview, Adaptalab, Adaptadesk	CTT/DAX, CWA, CZA/CZB
Argus, Inc. (See Mansfield)		
	8mm Movie	
Argus	356A, 357A	DJL
	855MV	ELE
	878, 879, Dual 881, 882	DFG
	838, 848, 849	DCH/DJA
	833	DFE
	844, -P, 877, -ZR	DGB
	880Z, 890Z, 892Z	CXR/CXL
	LSP510, 894, 895Z, 896B, 898Z	EFP
	510 Sound	EFM
Holiday	483A	DSW
Showmaster	450, 451, 452, 457, 458, 460, 461, 462, 491, 492, 493 470, 471, 472, 475, 480, 481 Super-8 870, 871, 872	DFA, DFG DCA, DEF DFG
	Pocket Slide Theater 2110, 2804, 2808, 2810	#81
	8mm Editor	
Argus	767, 7671, 768	BKV
	Microfilm Reader	
Argus	Microfilm Reader	CDD, CBJ
	Slide & Filmstrip	
Argus	A, B, CP, DP, PA-100, PB-100 Ceiling CP-1, PB-150 PA-200, PB-200, PAB-200, PBB-200	CDS, CDD, CBJ CEW, CDS CGW, CEW
	PBB-300	CLS
	DP-2	CVS
	PA-300, DP-3	CXK, CXY
	233, -FR, 244	DAT
	908, 909, 910	CZA/CZB
	912, 915, 915AQT	BCK
Automatic	501, 535	CWD
	539, 545	DAK*, CZA/CZB
	540	CZA/CZB
Electromatic	555, 558	DAK*, CZA/CZB
	538, 541, 542, 543, 550, 560, 570, 572, 573	CZA/CZB
Executive	580	CZA/CZB
Holiday	505	DAK*, CZA/CZB
Model III	504, 506, 508, 530	CLS
Model V	523, 524	DAK*, CZA/CZB
President	526, 527	DAK*, CZA/CZB

MANUFACTURER	TYPE & MODEL	LAMP CODE
Argus, Inc. (See Mansfield)		
	Slide & Filmstrip	
Roundabout	910, 912	CZA/CZB, BCK
Special	515	BEH
	534	CWD
Stack	554	DAK*, CZA/CZB
	Slide Viewer	
Electromatic	693	7C7
Arriflex		
	16mm Sound	
	Siemens 2000	DDB, DFD, BRK (sound)
	Siemens 2000 Marc	Marc-300/16
Atlantic		
	Microfilm Reader	
	Reader	1507
Atlas Rand Corp.		
	Slide	
	K-660, K-770, K-880, K-900, K-990	DAK*, CZA/CZB
Atlas Warner Corp.		
	Slide	
	Balmite 50	BLR, BKV
	150	CAR
	300	CAL, CWD
	500, -XL	CZA/CZB
	Viewing & Editing	
	Super Screen 66	BLX
	Super Screen 400, 500	1003
	300	BLC
	6 x 9	BLX
	9 x 9	CBX
Audion Corp.		
	8mm Movie	
	Model 40	DCH/DJA, DCL
	Filmstrip	
	Model 51	CAR
A-V Concepts Corp.		
	Filmstrip	
	FS-50, SFS-50	CAJ/CAC
	FS-150, SFS-150	DAC
	FS-300, SFS-300	CRT
	FS-500, SFS-500	DAK*, DAT/DAK
	FS-750	CWA
A-V Sales Corp.		
	8mm Movie	
	Lytlevision 200	DCA, DEF
Audiscan, Inc.		
	Filmstrip	
	CSM, TSM	BEH
	CSM, TSM, (1973)	CAR
	2000, 3000, 3200, 4000, 4200	ELS/ELR
Audio Visual Corp.		
	8mm Movie	
	AVCA 910, 915, 925	DFG
Automatic Projection Corp.		
	Slide	
Soundview	SA-43, -63, SM-43, -63, SMT-43, -63, PB-43	CXK, CXY
	SA-65F, SM-65F, SMT-65F, PB-65F	CZX, CXY
	672, SAT-672, SMT-672	DDB, CZX
A.V.E. Corp.		
	16mm Movie	
	Canary	EJL, BAK (sound)
Baia Engineering Co.		
	Viewing & Editing	
	2000 Editor (16mm)	BLC
	Ediviewer Mark I (8 & 16mm)	BLC
C.O. Baptista Films		
	Slide & Filmstrip	
	Tel-N-See	BEJ, BEC
Baskon Corp.		
	8mm Movie	
	Baskon 500, A1	DFA

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Bausch & Lomb, Inc.	Slide & Filmstrip		Bell & Howell Co.	8mm Movie	
	Triple Purpose	BVB	Filmsonic	1733, B, 1742, A, Z, 1744Z, 1744BZ, 1745CZ	DJL
Balomatic	300	CWD, CAL		600Z, 600ZR, 600ZR	DJL
	305, 500	DAK*, DAY/DAK		DCT, DCR	EFP
	605, 705	CZA, CAL		Soundstar XJ	EFM
	655, 656, 676, 755	CZA		Soundstar	DJL
Balopticon	41-26-38	CEW, CDS	Lumina II	LX20, LX28, LX30, MX33, LX38, MX43, MX45, MX58, MX60, QX95	DLD/DFZ
	Film Projector AF-111-26-35, 4090-41-26-90	CVS		QX80	ELB
	Film Projector 4070-41-26-70	DFR	Movie Cassette	459-Z (to serial 1011100)	DJL
	BBL-60, BDT-4, BDT-10, BDT- 12, BDT-20, BDT-6Q, -8Q, -10Q, -15, BMP	DMX		459-Z (over serial 1011100)	DLH
	AU-1, AU-3	†DPW, DMX, DMS	Monterey	221, 253-AR, 253-A (Serial to 67796), 253AX (to 91588), 254R (to 52511)	CZX/CXY
	AU-7, AU-9	†DPW		253-A (Serial over 67796), 253AX (over 91588), 254R (over AN52511)	DFA, DFN/DFC
	BM-4QS, -6Q, -10, -12, -18, -22	DMX		245, 253AX (over AR25400) 253RX (over S-40535), RV (to AF-75450), 353 (all)	DAK*, DAT/DAK
	ERM-14, -18, LRM-14, -18	DMX	Multi Motion	467, -Z, -ZB, 469Z, 471Z, 1615Z, 1620Z, 1623Z, 1640, 1641	DLD/DFZ
	Opaque & Transparency			1620XS, 1623X, 1623, 1623XS, 421, 428	EFN
	LRM	†DMX, DMS	Touch Tronic	265, 266	DEF
	CR, KO, KOB, KOS, KOSB, KRF, LRM-18	DMX		475	DLS/DLG
	BOH (Overhead)	DMX		370, 380	DEF
Bauer	8mm Movie		Autoload	16mm Movie	
	T-1S, T-2, T-22	FCR		High Intensity 566A, 566X, 566EXT	{ Marc-300/16, BAK (sound)
	T-3	CXR/CXL		High Intensity, 566 T, 567	{ Marc- 350/16T, BAK (sound)
	T-10L, T-10S	BXT		1568A	{ Gemini-300 BAK (sound)
	T-12, T-12S	FCR		B & H 616-D5	DDB, CZX
	T-4	DNE	Filmo	16mm Movie	
	TC-20, T-30 Sound, T-40 Sound, T-50, T-60, T-180, LT-2053	EFR		Auditorium A, C, D, G, H, 130 Diplomat 57V through Z	DHW
	TC-25 Sound, T-520, T-600	EFP		Diplomat A, AD, B, BD2, 173, B, BA, BAY	DEJ
	T-5, T-15 Sound, T-16 Sound T-171, T-200	EFN		Master 57R, S	DFY, DEJ
	T-82, T-171, T-192, TR-100, TR-300	EFP		Showmaster 129 (all)	DAR
	T-502, T-525, T-610	EFR		Statesman 273 (all)	DEJ
	16mm Movie		Filmosound	120 A	DAR
	P5-M15	DFT, DFD		120 B through K	DEJ
	P6 Automatic 300	Marc-300/16		138 (all)	DEJ
	P6 Automatic Synchron/Studio	EHJ		142 (all)	DEJ
	P-7L, P-7TS, P-7MS	ELC		156 (all)	DFY, DFK, DEJ
	P-7T Universal 300	Marc-300/16		1535, 1540, 1541, 1545, 1550, 1552, -B	EMM/EKS
	Slide			1550L, 1590, 2590A	BHB
	S-1 Autofocus	FCS		(all models of) 179, 185, 195, 202, 285, 302, 384, 385, 398, 399	{ DFY, DFK, DEJ
Bell & Howell Co.	8mm Movie			Specialist 535, -T, -Y, 537, 540, 542, 545, -T, 550, -T, 552, -T, 556, -T, 541, -T, 545 EXT, 522 EXT	{ DAX, CYS, CTT/DAX, CWA
Filmo	Model 1620, -Z	DLE		561, 562	{ CTT, CWA, CZA, CAL
	Master 400, G, H, J, K	DAR		2580A, 2582A, 2585A, 2592A ELC	ELC
	Picture Master 151 (all)	DES	JAN	614, CB, CBM, 614CD, {DHT, DDB, 614CE, 614CEM, 614CBRM ... }DFT, DFD	
	Regent 122, 127	DAR		D-4	DEC, DAS
	Filmosound 358-S, 458, 468 478Z	DJL		TV, 614ETV, 614EVM	CXY
	Autoload				
	266, 266A, 266Y, 363	DEF			
	245, BA, BAY, PAY, R (over 52511), 248 BAY, 254R, RA, RS, 256	DFN/DFC			
	346, 356, 357, -Z, 456Z, 456, 457, 458, 461, 462, 457Z, 468Z, 476P, 481	DJL			
	423 Auto 8, Sound 427	EFR			
	483	DSW			
	Magnetic 488Z	CXR/CXL			
	489Z	EFN			
	353	DAK*, DAY/DAK			
	254, 255, 255A, 255AY	DEF			
	Deluxe 466Z, 482, 482Z	DLH			
	Super 363	DEF			
Director	Lumina	DLS			
	383, 460	DLS			

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Bell & Howell Co. JAN	Sound Lamp		Bell & Howell Co. Vivid	Slide & Filmstrip			
	535, 535Y, 537, 540, 542, 545, 550, 552, 556, 535-T, 541, 541-T, 545-T, 545-EXT, 550-T, 522-T, 552-EXT, 561, 562	BAK		DeLuxe B, Duo-RN	CGW, CEW		
	Filmosound (all models of) 120, 130, 138, 140, 142, 156, 179	BRD		DeLuxe, C, D, Series 1 & 2, RO, RP, 300A	CXK, CXY		
	Filmosound (all models of) 185, 202, 285, 302, 384, 385, 398, 399	BRS		DeLuxe D Series 3, 100-G, 773-G, Mainliner 300, Streamliner 351-G2, 300-Duo	CLS, CMV		
	1535, 1540, 1541, 1545, 1550, 1552, All 2500 Series	BAK		DeLuxe 123G, 251G2, 304G, 320G, 325G, 415G, 425G, 732G, 773G	CLS, CMV		
	JAN 614, CB, CBM, CBRM, CE, CEM, ETV, EVM, D-4	BRX		Professional 750, 106-G, 119G	DDB, CZX		
	JAN 614CD, CBVM	BSL		Show Pack 300	CLS, CMV		
	Viewing & Editing			Standard	Streamliner 500, 759-G, 150-G2, 500-Duo, 751-G2, Professional 500-117-G	CZX, CXY	
	Editor	6S6 (100V)			A1, 115G, 300G, 600G, 720G	CEW	
	Filmation Viewer 148A	BKR			Vivid A2, A3, Headliner	CGW, CEW	
	Editor 136 A through E	15S11/14			Overhead		
	Filmation Viewer 146A	BKR			301A, -AR, -B, -C, -D, -F, -FH, -FT, -FTC, -FTCH, -FTH, -G, -GC, -GCA, GCAT, -GCT, GT, -K, -KA, -KAT, KT, LA, L	DYS/DYV/BHC	
	Slide & Filmstrip				Specialist	301AX, -AXE, -AXL, -BXE, -BXL, -EX, -GCXE, -GXE, KXE	DYR
	448, 452, 454	ELH				360A, /GCA, -GCAT, -KA, -KAT	DYS/DYV/BHC
	Auto-Load 726	CZA/CZB, CAL				362A, -B, -F, -FH, -FT, -FTC, -FTCH, -FTH, -GCA, GCAT, -KA, -KAT	DYS/DYV/BHC
	Auto-Viewer 735	BLC				387, 388A, 388T, 389A, 389T	DYS/DYV/BHC
	Explorer 753, 754	DAK*, DAY/DAK				389X	DYR
	742, 744, 764	DGA				Microfilm Reader	
	Filmosound 35 755, 756, 757	1615				189, 289	CWY
	Headliner 706, S, 707, M, 707EXP, 708EXP, Duo 708, M	CYC, CTM				Recorder 190	308
	710P, Duo 709	CZA/CZB				Microfiche	CRT
	706P	CAL				6760AR Depue	CAR, DFA
	Deluxe 710EXP	CZA/CZB				513 Mascot	DZB
	Monitor 950, 960, 961	DHN, DJH				2, 510, 576 Autoload (R/P)	DKP
	Ringmaster All Sound/Slide, 796, 797, 798, 799	DDM				517 Reporter (R/P)	DCW, FGF
	Robomatic 500, 765A1, A2	CZX, CXY				650 Autoload (R/P)	FCS
	750, 765A, 765A6	DDB, CZX				1600 Reader/Filler	ELD/EJN
	Slide Cube 956Q, 965Q, 975Q, 977Q, 978Q, 981Q, 981QZ, 982QD, 982QX	CBA				SR-1, -2, -3, -4, -5	FCS
	985, 986, 987, 991, -Z	ELH, ENH				Briefcase	1171
	CP40, RC50, RC55, RF60, AF66, AF70, AF80, 1000, 3000	DES, DHB				Commuter	FHR
Slidemaster 154A	DAK*, DAY/DAK	Duo	EKB				
935, 937, 937Y	CZA	Headliner	CRT				
947W	CZX, CXY	Spacemaster (R/P)	FCS				
Specialist 724G5, G6	CWA, CZA/CZB	SR-20	DJT				
Autoload 745, -A, -B, -C	DDB, CZX	Bencini 8mm					
Autoload Filmstrip 746A, -F, 747A	ELH, ENH	P75 Super 8	EFR				
TDC DP-300, 200G, 400G, 500G	CXK, CXY	John Benton, Inc. 8mm					
Filmstrip AS, 720-G	CEW	Istitor	CXR/CXL				
BSC, 204-G, 215G, 225, 225B, 225G, 315G, 761A, 761G	CGW	Berkey Technical Corp. Overhead					
DSC, MS, 304-G, 320	CLS, CMV	Technifax	DDB, DKK				
G, 118, 124, 150G2, 504G, 751G2, 759G	CZX, CXK	L.F.	DFR				
500SC, 504-G	CZX/DAB	A.R. Bernard (GAF) 8mm Movie					
Headliner 35, 325-G3, 303, 425-G4	CLS, CMV	Crestline CRP II	DFP, DCH				
Project-Or-View Deluxe, 260, 260-G	BEJ, BEC	Viceroy I, II, IV	DAK*, DAT/DAK				
Stereo 732-G	CLS, CMV	Viceroy 800, -R, -Z, 801, 802, 803, 811	DFP, DCH				
Specialist 300, 224-G	CLS, CMV	Viceroy 804, 806, 904	CXR/CXL				
500, 724-G	CZX, CXY	Viceroy 813	DGB/DMD				
Vivid Stereo DeLuxe 116G, 716A, 716G	DDB, CZX	Ricoh Auto-8 Trioscope	CXR/CXL				
		Ricoh Auto-8P	DCA, DEF				
		Ricoh Sound 8	DFA				
		Goldcrest Dual 8	CXR/CXL				

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Bruning (Div. of A-M Corp.) (see also Micro Design)			Camera and Audio Centers		
	200, 220, 500 (card reader)...	FCS		Slide	
	902, 915, 925, 935, 955,			Fantox—Vellautomat	DAK*, DAY/DAK
	965, 967, 968, 969	DED	Camera Specialty Co.		
	920, 950, 1200, 4010, 4020	FCS		8mm	
	4005	DJT		Fenco Dual-8	CXR/CXL
				Hawk Dual-8	CXR/CXL
Buhl Optical Co.				Slide & Filmstrip	
	Slide			Voigt	CDD, CBJ
	LS-1, -2, -3	DYS/DYV	Canon U.S.A.		
	HiLite Ektagraphic	BRN, CYS		8mm	
	QBC	EHJ		Cine P-8	CZX, CXY
Buhl Projector Co. (Division of Bergen Laboratories)				Cinestar P8S, P8-Super 8	CXR/CXL
	8mm Movie			S-400	EFM
	Buhl 880 Series	ELE/ELT		PS-1000	ELB
	Slide & Filmstrip			Microfilm Readers	
	Buhlite	BEH		Canorama 400T-4, 400T-8	FCS
	Overhead			Canorama 370, 370-4 (R/P)	FCS
	80/10, 80/10-CL, 80/10-TC	DYS/DYV/BHC, DYR		Duo/Duplex 201	FCS
	80/10-1000	BRH		CR360T, TS	FCS
	80/12, 80/12-CL, 80/12-LC,			CP370 (R/P)	FCS
	80/12-TC	FCB, FEA		NP200, NP450 (R/P's)	FCS
	80/12-1000, 80/12-TC-			200, 200W, 300, 300L, 300S	FCS
	1000	BRH		301	FCR
	80/14, 80/14-CL, 80/14-LC,			301A, 302, 303, 320, 400,	
	80/14-TC	DYS/DYV/BHC, DYR		400T, 400T-4	FCS
	80/14-1000, 80/14-TC-			330F, 330FT, 330MB-II	
	1000	BRH		(R/P's)	FCS
	Koolite 90C, 90CF, 90W, 90WF,			450, 450TB (R/P's)	FCS
	90SS, 90SSF	DFW, DEK, DAH	Capitol Projector Corp.		
	Koolite 100C, 100CF, 100SS,			16mm Movie	
	100SSF, 100W, 100WF	DFW, DEK, DAH		Auto-Test	CZX
	Koolite 6000, 7000	DRB		Drive-in Movie	CZX
	Buhl Special	DYS/DYV/BHC, DYR		Porto-Sound	CZX
	Supreme 600/10, 600/12,			Panama A, Panorama, Peep	
	600/14	DXW		Show	CZX
	Supreme 600/10EB,			Test Pilot, Turnpike	
	600/12EB, 600/14EB	BRH		Tournament	CZX
	Buhl OSP	DYS/DYV/BHC	CAPS		
	Opaque			Microfilm Readers	
	Mark IV	DRB, DWK		A-1, A-2 (R/P)	FCS
	Mark IV Pointer	BLX		Orion (R/P)	FCS
	Nova 600, 700	DYS/DYV/BHC, DYR		PJ-12	FCR
	Microfilm Reader			Libra 2	EPX
	MF-72, MIVR	DZE/FDS	CBS Laboratories		
Burton Mfg. Co.				Slide	
	Slide & Filmstrip			Secretary Trainer	BEJ, BEC
	X-Ray A	CBJ		16mm	
	X-Ray B, C, All Purpose 300D	CDS, CDD, CBJ		Astro Color	EJL
Busch Film & Equipment Co.				8mm Movie	
	16mm Movie			4100, 5100	EFM
	Busch 6-A Two Way	DFT, DFD		6100, 6100Z, 6000, 7500,	
	Busch C-240C	DFD, BTB (sound)		7000, 7800, 9000, 9500	DNE
	Cine-Educator	DHT, BTB (sound)		DS-300, SP-330, SP-350,	
	Cinesalesman 5	CLS, CMV		7000MV, 7500MV, 7800M,	
	Cinesalesman 3, 4, 4A	CZX, CXY, BTB (sound)		9500MV	EFP
	Cinesalesman Senior 4	DDB, CZX, BTB (sound)		C200, S, SP, C300, Sound 8	EFP
	3S Cartoon Circus	DDB, CZX, BTB (sound)		SS-1200	EFR
				2000GL, Whisper, 400Z	CXR/CXL
Buttafarri Corp.			C.E.C.		
	Slide & Filmstrip			16mm	
	Fer-Color 66	CDJ		Astro Color	EJL
Cal-Comp			Chinon		
	Microfilm Readers			8mm Movie	
	Microfilm viewer	ELD/EJN		4100, 5100	EFM
Calvin Co. (See Movie Mite)				7500, 6100, 6100Z, 6000,	
				7000, 7800, 9000, 9500	DNE
				C200, S, SP,	
				C300, Sound 8	EFP
				SS-1200	EFR
				2000GL	CXR/CXL
Buttafarri Corp.			C.O.C. (Graflex)		
	Slide & Filmstrip			Slide & Filmstrip	
	Fer-Color 66	CDJ		Standard 66	CAX, CBX
				Executive 88, 89	CBX, CEB
				Communicator, Examiner,	
				Traveler	CEB, CBX
				Inspector	CAR

† Proper base depends on type of socket in lamp house.

*For longer life, substitute DAY/DAK for projectors requiring the discontinued DAK.

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MANUFACTURER	TYPE & MODEL	LAMP CODE	MANUFACTURER	TYPE & MODEL	LAMP CODE
C.O.C. (Graflex)	Slide & Filmstrip		DeJur Amsco Corp.	8mm Movie	
	Master 10-10	CEB, CBX		84AF-AZ, 86AF-AZ	DFP, DCH/DJA
	Rotator A-111, M-511	CYC, CTM		P-500	CZX
	Table Viewer	BLX		DP-750	DDB, DFD
	Showcase SC814	DAH		DP-1000	DDB, DFD
	1013A	CDK		Adams DP-940	DFA
	Microfilm Reader			Ambassador DP-810,	
	Model 1013A	CDK/CEA		DP-880	DEF
	8mm Movie			Auto Critic DP-909, DP-999	DFG
	Color Sonic	EJA		Citation 750AZ, 850AZ	DFP, DCH/DJA
Compco Corp.	Viewing & Editing		Dual Super 8 DP-77, DP-77Z	DCH/DJA, DCL	
	Corona Super Editor 1400,		Dual Super 8 DP-787,		
	Super Viewer 1404 (8mm)	BLX	DP-787Z	DFG	
	Compco Corona Super Editor		Duo Vista PT-60	DLS, DKR	
	(8 & 16mm)	BLC	Eldorado DP-84, DP-84Z	EKP/ENA	
	Corona Super Editor 1401,		Eldorado DP-86	EJV	
	Super Viewer 1403 (16mm)	BLX	Eldorado DP-660	CZX	
	Franklin Super Editor (16mm)	BLC	Eye Fidelity	DFP	
	Franklin President Dual		Korvaire DP-777	DCH/DJA, DCL	
	Editor (16mm)	CBX	Metropolitan DP-707	DCH/DJA, DCL	
Slide & Filmstrip		Pulsar	EKP/ENA		
Compco Stereo	CZX	Remote Command DP-70	DLS, DKR		
Stereo 500	CZA/CZB	Remote Command 86ZR	EJV		
Stereo 501	CZX	Remote Command 86AZR,			
Conn. Tel. & Electric Co.	16mm Movie		888RC	DFP, DCH/DJA	
	Sound King C-1	DDB, CZX, BSS (sound)	Scenette PT-40, PT-45,		
			PT-50	DCH/DJA, DCL	
Conway Camera Co.	16mm Movie		Versatile DP-90, DP-99	DEF	
	Valette	DFD, DDB	Versatile DP-909	DCH/DJA, DCL	
Copal Corp. of America	8mm Movie		Insta-Valometer	DCH/DJA	
	CP-33, CP-55, CP Sound 401,		Eldorado 84-AZ, 86-AZ, 86-AZR,		
	CP-501 Sound	EFM	747-AZ, 888-AZ	DFP, DCH/DJA	
	CP-77, CP-402, CP-50,		84-Z	EKP/ENA	
	CP-402S, CP-525S	EFP	84-MV, 86-MV, 86-Z	EJV	
	Sekonic 290 Dual HL	EFP			
Craig Research, Inc.	Film Reader		DeVry	16mm Movie	
	Craig Reader	BLC, BKF		G, GMT	CXK, CKY
Helene Curtis Industries	16mm Movie			G5	CZX
	Natco, 3015, 3030	DFD, DDB, 6S6 (thread- ing lamp)		GT	CBX
				D2, H, T, T2	DDB
Sound Lamp		BC, CS, RR, RS, Q, QR, SS, Z		DFD, DDB, CZX	
Natco 3015	BSS	15 Super 16, DeVrylite,			
Natco 3030	BSW	De Vrylite 5, Bantam		DFD, DDB, CZX	
Datagraphix	Microfilm Readers			11000-AA, -AB, -BA, -BB, -CA, -CB, 14000-AA	DFD, DDB, CZX
	Datamate 80	ELS/ELR		35mm Movie	
	Datamate 100, 175	DED	D	DPW, DSB	
	1400 series	ELS/ELR	E, EU, ESF	DRS, DMX	
	1500 (R/P)	FCS	Semi-Professional	†DTJ, 2100T24/8 (60V)	
DASA	Microfilm Readers		Semi-Portable, XD	DSB	
	PMR-50 portable	1195	Special	2100T24/8 (60V), DSB	
Data View, Inc. See Situs			Super SR	900T20 (30V)	
			Super S-EU, SE	900T20(30V)	
Davidson Optronics, Inc.	Slide & Filmstrip		Paromel DeVry 2802, 2810, 3500 (with #1000 condenser system)	DRS, DFD, DHT	
	All Star-D 120	CGP	Paromel DeVry 3500, 2800 (with old condenser system)	DRS	
	Tele-Color	CZX	Sound Lamp		
			11000 series (16mm)	BRX	
			14000-AA, 15, & Z (16mm)	BSS	
			D2, H, T, T2 (16mm)	BRS	
L.E. Davidson Picture Service	Slide & Filmstrip		Bantam, DeVrylite, 5 (16mm)	BRK	
	Mighty Midget	CAS, CBJ	Super 16 (16mm)	BSK	
	Mightier Midget	CDS, CDD, CBJ	RS (16mm)	BFT	
	Mightiest Midget	CEW	12000 (35mm)	BSS	
			Semi Professional (35mm)	1A/T8SC	
		Semi Portable, Special (35mm)	1A/T8SC		

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DeVry	Sound Lamp		
	XD, D (35mm)	BSS	
	ESF (35mm)	1A/T8SC	
	Paromel DeVry 2802, 2810, 3500 (35mm)	BSS	
	Paromel DeVry 10, 12000 (35mm)	BSS	
	Slide & Filmstrip		
	DeVry M	CZX	
	A. B. Dick Co.	Microfilm Reader	
		810	DZE/FDS, FCS
	A. B. Dick/Scott	Microfilm Readers	
400, 410, 420, 430, 880		FCS	
502 (R/P)		FCS	
System 200		ERW	
760, 770		DDS	
Dietzgen	Microfilm Readers		
	4305, 4305-L, 4305-20, 4305-20L	1503	
	4311	DYT	
	4313A, 4313AR	CZX/DAB	
	4315-19, 4315-25	1503	
	4316	EKB	
	4317 series	1503	
	4322, 4323, 4324	DZE/FDS	
	Dioptrix	Microfilm Reader	
		COM 1	ELD/EJN
DuKane Corp.	8mm Movie		
	Super-8 Sound	DNF, BRK (sound)	
Silent	Sound Filmstrip		
	28A33, 28A35	CAL	
	28A34	CRT	
	28A53, 28A55, 28A56	DAK*	
	28A75	BRP	
Micromatic	14A190, A	CLS, CMV	
	14A290, A, B, B1, C-14A390	CLS, CMV	
	14A390A, B, C, D	CYC, CTM	
	14A390E, F, G	CAL, CRT	
	14A393E, F, G	CXH	
Cassette Flip Top	28A25	CDS/CDX	
Cassette Micromatic	28A81	CAL, BCK	
	28A9, A	CAL	
	28A9A, B, C	CAL	
Super Micromatic	14A650	DYH	
	14A650A, B, C	BCK	
Cassette Super Micromatic	28A15	BCK	
	28A81-5	BCK, CAL	
Manual-Matic	14A335	CLS, CMV	
	14A335A, B, C, D	CYC, CTM	
	14A335E, F, G	CAL, CRT	
Manual Flip Top	14A230, A, B, C, D	CDS/CDX	
	14A233, A, B, C, D	CDS/CDX	
	14A533, A, B, C, D, E, F	CDS/CDX	
Push Button Flip Tops	14A240, C, D, E, F	CDS/CDX	
	14A243, C, D, E	CDS/CDX	
	14A543, A, B, C, D, E	CDS/CDX	
Automatic Flip Tops	14A500, A, B, C, D, E, F	CDS/CDX	
	14A390E, F, G	CAL	
Mite-e-lite	14A395	CDS/CDX	
A-V Matic	14A395A, B	CEW, CDS	
	14A395C, D, E	CAR	
	14A285, A, B, C, D, E, F, G	CDS/CDX	

MANUFACTURER	TYPE & MODEL	LAMP CODE	
DuKane Corp.	Sound Filmstrip		
	Remote Control	576-47	CLS, CMV
		576-47A, B	CYC, CTM
		576-47C	CAL
		28A6	DYH
		28A6A, B	BCK
	Vista-Sell	576-71, A, B	CYE, CYF
		576-86, 28A5	CYF
	Auditorium Proj.	576-39, A, B, 576-85	DFD, DFT
	Cassette Commander	28A12, 28A14, -A	1507
28A30A, 28A31		1507	
Cassette A-V Matic			
	28A11, A	CDS/CDX	
	28A1, 28A14, 28A31	1507	
	28A1A, 28A2A, 28A3A	ERR	
Response Micromatic	28A27A, B	CAL	
	28A28	BCK	
	28A83	BCK	
Super Micromatic	14A650A, B, C	BCK	
	Microfilm Readers		
	576-90/85 Reader	1503	
	27A25, 27A25A, 27A25B	FCR, EVA	
	27A50	BRL	
	27A77, 27AZ77	EVA, FCR	
Dymat Photomatrix Corp.	Microfilm Readers		
	300 series, 400 series	DZE/FDS	
	500, 501	EHA	
	502, 601	EPX	
	600	DZE/FDS	
Eastman Kodak	8mm Movie		
	Kodascope Eight	20 Universal	CDS/CDX, CAS
		25	CDS/CDX
		33	CZX, CXY, CXK
		50	CXY
		50	CVS/CVX, CRS, CXK
		60-T	BYD
		70, 70A, 70R, 70AR	CZX, CXY
		71, 71A	DFD, DDB, CZX
		90, 90A	DDB, CZX
	90R, 90AR	CZX, CXY	
Analyst	8 Model A-75	DKR	
Automatic	8 Model 1, 1P	DCH/DJA	
Brownie	300	CMV	
	500	CZX	
	500 Model A-5, C	CZA/CZB	
	Model C	CZA/CZB	
	Model 10	BMA	
	Model 310, A-4, E	DCH/DJA	
	A-15, E, F	DFN	
Caralux		DNE	
Chevron	Model 1, 10, Zoom	DKR, DLS	
Ektagraphic 8	Sound 8, Silent	DFN	
	MFS-8	DNE	
	120	DFE	
Ektasound	235, -K, 245	DFE	
Moviedeck	235B, 235G-K, 245B, 245B-L	EPK	
	265, 275, 285	ELB, ENZ	
	A-35	DLS/DLG	
	M50, M60, M65, A, K	DFN, DFC	
Hi-Mat	M10, M67, -K, M68A, M77, M105, K, M109, -K, M110	DFE	
	M68	DFN	
	M70, M80, M85	DNE	

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Eastman Kodak	8mm Movie		Eastman Kodak	Microfilm Readers				
	M90, M95, M100A	DNF		Recordak	4 Reader	1142		
	M100P	DCA, DEF			6 Reader	1144		
	M100 Sound	DKR			8 Reader	CAS (100V)		
	M100-AP Sound	DNF			2610	ELD/EJN		
	M105-P	EFP			JA, JB, JC, JC-1, JD	CGD		
	Moviedeck	425, -K, 435, 445, 447, 457, -K, 455, -K		ELB, ENZ		P-10, 10-31, PD, PF, PH, MPC, MPC-1	CHG/CET	
		465, 467, 477, 475, Ektasound 265, 275, 285		ELB, ENZ		P-20/20	1323	
		Showtime		A-35	DLS/DLG		P-40, PM, PM-1, PM-2, PL, PV, PE-1A, PFC-1A, PVA, PVM, PS, PS-1, PES, PES-1, PEK, PEK-1, MPE, MPE-1, OPA, PTA	1240
				Cine A-20, A-30	DHJ		PKL-46, PLK-58, PK1013, PFC-46, PFC-58, PFC-46-1, PFC-58-1, PFC-66, PFC-66-SP, MKR, MRK-1, WPF, NB600, FRF-1200, FRF-1235	1503
	8 Model 500			CZX		P-1824, PR-1824	CAL	
	8 Model 750			DDB		Documat	BHD/BHF	
	Super A-25, A-35			DLS/DLG		Ektron	FCS	
	Sound 8 Model 1 (A & B) †			DHJ		Easamatic 40, PFCS, PFCD, II	FCS	
	Sound 8 (Serial C)	DLS/DLG			PGR	CZA/CZB		
	20 & 30	ELB, ENZ			MKG, MKG-1	CZX/DAB		
Supermatic 20, 30, 60 & 70	60 & 70		Microstar (old)	DEK/DFW				
	Sound	ELB	Microstar (new)	EGX				
Eastman	16mm Movie			PR-1 w/o Heat Shield	DEK/DFW			
	Analyst	DDB, DFT		PR-1 w/Heat Shield	CBA, EGX			
	Analyst II	EJL		Miracode II	EGX			
	16mm Model 25, 25B, 25C, 30, 40	DGS, DEC, DAS, CYA		Motomatic MPG	DAH, EGX			
	Television 250, 275, CM350	DGS, DEC, DAS, CYA		MPG-TL	EGX			
	Television 285	DEC, DAS, CYA		MPG-H, MPG-TH	CBA, EGX			
	Kodatoy Universal	CDS, CBJ		NB600, FRF-1200, FRF-1235	1503			
	Kodascope	Analyst II	DFD, DDB		FRF-1600, FRF-3500	ELD/DJN		
		Kodak Analyst II	EJL		MicroPak Jacket Reader Filler Jacket Reader Filler II, Automatic Jacket Reader	DJT		
		C, Eastman Business	100T8½/8, CPR		MEA	PH-212		
D		CXK, CXY		MICR	CWD			
E, EE (series II), 16-20X		CPR (6V)		Startech	EGX			
E, EE (series II), L, G		DDB, CZX, CXY		Startech SP3.2	BRL			
Sixteen-10, -20	DFD, DDB		Lodestar	1240				
K-75	DDB		IMT	EML				
Pageant Sound	AV154, type II, AV-154S, type II, AV-154SD	DHT, DFD, DDB		Oracle (R/P)	EML			
	AV-085, 085F1, AV-105M, 126TR, 126TRR, AV-255S, 256TR, 256TR-R, G1SA-2B, MF1-5, MF2-5, MK-5, 8K-5	DHT, DFD, DDB, DFT		Starvue (R/P)	EML			
	Arc Projector	Marc-300/16A		Starvue Reader	EML			
	Pageant (all other models)	DFD, DDB		Starfiche (R/P)	ELH			
	Royal	DFD, DDB		Trimlite Series F, R, RC	FCR			
	12M6	DDB		Printers				
	250S, 250E, 120M	EJL		2600	FAL or FFJ			
	250A	Marc-300/16A		2610, 2620	FAD			
	Sound Kodascopes	F, FB, FB-25, FB-40, FS-10, Special FS-10N	DDB, CZX, CXY		5S3, 5S5	FAL		
		Threadlite lamps for Kodascopes	6S6		8S3, 8S5	FGV-Q1000T3/1		
					11S3K, 11S3, 11S5	FFJ		
	Sound Kodascopes	Sound Lamps			VCB Lamphouse	FAL or FFJ		
		Eastman 16mm 25, 25B, 30, 40, Television 250, 275, 285, 300, CM-350, 12M6, 250S, 250E, 250A, 120M, 126TR, 256TR, AV12E6	BSK, BVL		Slide & Filmstrip			
		Sound Kodascopes	Models F, FB, FB-25, FB-40, Special, FS-10, FS-10N	BFX	Kodaslide	1A, 2A	CDS	
Pageant AV-12E6, -12M6, -12M6-K, -12M6-L, AV-126TR, 126TR-R, 256TR, 256TR-R			BSK		Hilux II, III	CMV		
Pageant (all other models)			BTD		Merit	CDS		
					Signet 300	Model A (entire series)	CMV	
Viewing & Editing				Filmstrip Model 2-F	CMV			
Kodascope 8 & 16 Viewers		15S11/14 (100V)		Signet 500	Model 2 (entire series)	CZX, CXY		
					Model 2-220V	DBT		
					Filmstrip Model 2-F, 3-F	CZX		
			Kodak 300	Model 1, 300, 301, 361, Model 3, 303, Model 5, 305	CYC			
			Kodak 500	Model A, 500, 501, 502	DFH			
				Model B, 501B, 502B	CZA			
				Model BX, 500BX, 502BX	CZG			
			Cavalcade 500	540	DFR (125V)			
				All other models	DFR			

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Eastman Kodak	Slide & Filmstrip	
Ektagraphic	AF, B, E, RA-960	DEK, CBA, DAH
	Arc	Marc- 300/35K
	AF-1, AF-2, AF-2K, AF3,	
	B-2, B2AR, E-2	ELH, ENG, ENH
	Audio Viewer 200, 400	CAR, DFF
	Audio Viewer 210, 260	DDM
	S-A2000, S-AV2030	EHJ
Readymatic Viewer	Model 1	BFB
Readymatic 500	Model 1, 503	CZA/CZB
Supermatic 500	Model A, 504	CZA/CZB
	Model A-R, 504AR	CZA/CZB
Carousel	550, 570, 580	DFW, DEK, CBA,
		DAH, DEA
	550R	DFX
	600, 650, 700, 750, 800,	
	850, -K, 860, AV-900, RA-950	DEK, DAH,
		CBA, DEA
	Model S, S-AV1000	FCS
	860	CBA, DAH, DEK
	600H, 650H, -K, 750H,	
	750HAR, 760-H, -K, 800H,	
	850H, 860H	ELH, ENG, ENH
	Custom 840H, 850H, -K,	
	860H	ELH, ENG, ENH
	4000	FHS, EXR, EXY, EXW
	4200	FHS, EXR, EXY, EXW
	4400	FHS, EXR, EXY, EXW
	4600	FHS, EXR, EXY, EXW
	5200	FHS, EXR, EXY, EXW
	5400	FHS, EXR, EXY, EXW
	5600	FHS, EXR, EXY, EXW
Pocket Carousel	100, 200, 300	DDA
Master		DDB, DFD
Kodagraph	C	CHG (100V)
	MPE	1240
Kodaslide	Stereo Viewer model I	245
	Stereo Viewer and converter	
	model II	6S6 (80V)
Kodak	Illuminator Model I	7C7/W
Table Viewer	Model A	BYR
	Model A, Series II	CBJ
	Model 4X	CAS
Ediola	Film Viewer	
	16mm Models AOM, M-16SR	25S6SC
	35mm Model Pro 35	25S6SC
Ednalite Corp.	Microfilm Reader	
	1624, 1625, 1640	DZE/FDS
Educational Projections Corp.	Filmstrip	
	300-HS	CAL
EIKI International, Inc.	16mm Movie	
	MS 860, 861, 862, 863	DFT
	ST-0, -1, -2, -3	CTT/DAX
	ST-OH, -1H, -2H, -3H	EJL, BRK (sound)
	ST-O-CAK, -1-CAK, -2-CAK,	
	-3-CAK	Marc 300/16,
		BRK (sound)
	M-O, -1, -2, -3	EJL, BRK (sound)
	M-O-CAK, -1-CAK, -2-CAK,	
	-3-CAK	Marc-300/16,
		BRK (sound)
	NT-O, -1, -2, -3 SL-O, -1	ELC, EJL,
		BRK (sound)
	Trojan TRM-O-TRST-OH	EJL, BRK (sound)
	RST-O, -1, -2, -3	
	RT-O, -1, -2, -3	
	RM-O, -1, -2, -3	BRK (sound)

MANUFACTURER	TYPE & MODEL	LAMP CODE
Elco Optisonics Corp.	Filmstrip	
	Mastermatic I, RI	CAL
	Mastermatic II	CZA/CZB
Elgeet Optical (See Vicom)		
Elmo	8mm Movie	
	Elmo VP-A, VP-A Dual	EFM
	VP-D100, ST-600, ST-800	
	K-100 SM	EFP,
		BRS (sound)
	Elmo ST-1200, Optical	
	Magnetic ST-1200D,	EFR,
	ST-1200HD	BRS (sound)
	Elmo/Filmatic A Dual-8	EFM
	Elmo HiVision SC-18	EFP
	330 Filmatic C, VP-C	DFG
	Dual-8 913, 914, 916	
	917, TP-8, OM-8	DCA, DEF
	Dual-8 990, 991	EJM
	FP-A, FP-C, FP-E	DCA
	FPA Deluxe	FCS
	Elmo 360/380/GP, GP-E, SP-F	EJM
	FP-8925, FP8C-986, AP-8	
	929, TP-8 926	DCA, DEF
	ST-8, ST-8MO Sound	FCS,
		BRS (sound)
	ST-180E, St-600D	EFP
	ST-1200, -1200M, -1200 O,	
	-1200 SO	EFR
	GS-800	EFP
	GS-1200	ESC
	GS-1200 II	Marc 350/16T
	16mm Movie	
	F16-1000, F16-1000R	DFT, DDB, BAK
		(sound)
	927-DM-16, 930-D-16,	DFD, DDB, CZX
	928-AR-16	BRS (sound)
	16-A, 16-AR, 16-S, 16-SR,	
	F-16-250HS	EHJ
	16-CL, -DSS	ELC
	Slide & Filmstrip	
	CS-II	CEW
	S-300	CLS
	Film Viewer	
	912 Editor	#82
	Overhead	
	HP-250, 252, 260, 300, 702	DYS/DYV
	HP-2450, 2600, 3000,	
	3300	DYS/DYV
Emde Products, Inc.	Slide & Filmstrip	
	Emde 21	CEW, CDS
Emdeko	8mm Movie	
	7000	DCH/DJA, DFP
	9000	DCH/DJA,
		DGB/DMD
Empire Projector Corp.	16mm Movie	
	Empire PX	DDB, CZX, BSS
		(sound)
	Slide	
	Nikkormat Automatic, GC1	DAK*, DAY/DAK,
		DAT/DAK
	Nikkormat Autofocus	FBG/FBD
Eumig (USA) Inc.	8mm Movie	
	P8, Imperial, P8E	BXT
	Mark M, Mark S-701, 709	
	Super, Regular, Mark-8	FCR

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GE PROJECTION LAMPS

PROJECTION LAMP—EQUIPMENT GUIDE

MANUFACTURER	TYPE & MODEL	LAMP CODE	MANUFACTURER	TYPE & MODEL	LAMP CODE
Eumig (USA) Inc.			Forway Industries, Inc.		
	8mm Movie			Sound Lamp	
	P8-Dual Mark 500-E, 501,			Holmes 10	4A/T8/25
	502, -D, Mark S-712D	CXR/CXL		Holmes 12	4A/T8/85
	510D, 607D, Mark S-710D,		FR Corp.	Slide & Filmstrip	
	Deluxe, 610D, S810D, Deluxe			Port-A-View	CAX
	HQS	EFP	Fujica	8mm Movie	
	Eumig 711, -R, R-2000,			Fujica	CZX, CXY
	R-3000	EFP		Fujicascope SH1, MG90	DNF
	Mark S-705	EFM		Fujicascope M40	EFN
	Mark S-706, S-802, S-802D			Fujicascope MX70	EFR
	Mark S-810	EFN or EFP (check housing)		Magic Load	DFA
	S-804D, S-807, S-807D, 822			Masterload, 8P, Fujicaload,	
	Sonomatic, 820 Sonomatic,			M2	CXR/CXL
	824 Sonomatic, S-905			M3, M20, M33	CXR/CXL
	S-910, SO&M, 912	EFP		Microfilm Reader	
				RFP-2 Reader	BRL
Excel Movie Products, Inc.			Fumeo	8mm Movie	
	8mm Movie			8M	EJL
	Apollo-8, Super-8	CZX, CXY		16mm Movie	
	Excel P-63	CZX, CXY		Aula Super, VI-TR	EJL
	16mm Movie		GAF (Anasco)	8mm Movie	
	Apollo P-66, P-76	CZX, CXY		Anscovision 80, 88, 188,	
	Excel P-36, P-56	CTR		188Z, 333, 388, 1388D, 488,	
	P-46	BMD		555, 588, 666, 688	DCH/DJA, DFP
	P-66	CZX		Anscovision 188Z (Aug. '73)	DGB/DMD
	Pekoscope D	CBX, CDJ, CGP		Anscovision 788	EKP/ENA
Fairchild Industrial Products				Anscorama 910, 940, 960	DEK, CBA
	8mm Movie			Anscorama 970, 980, 980Z	CBA
	HLH-1, 880, 881, 882	DFA		Anscorama 1010, 1010Z	DFE
	AV400, Mark IV, IV/S, V	CXR/CXL		GAF 1333, 1372, 1388, -Z	DCH/DJA, DFP
	Seventy -07, 21, 27, 27P,			GAF 1333 (Dec. '72), 1388	
	31, 37, 41	EKG, ENW/ENC		(Aug. '73) -Z, 2388, -Z,	
	Exhibitor 990	EKG, ENW/ENC		1488, 1555DZ, 1564Z	DGB/DMD
	Fairchild Eumig 711, 711R	EFP		GAF 1588Z, 1688Z, 2488,	
	Galaxy 900, 930, 930D,			2588Z	DGB/DMD
	990	EKG, ENW/ENC		GAF 1788Z	EKP/ENA
	110 Sound Filmstrip			GAF 2688Z, 2788Z	ELE/ELT
	Synchromatic 210, 410	ERJ		GAF 2000S, 3000S, 3100S	DNE
	Slide			Memory Master	DCH/DJA, DFP
	Synchro-Slide SS-35, 3501,			Memory Master II	DGB/DMD
	3501P, 3502, 3505	DDM		Slide	
Fairway Products, Inc.				Anscomatic 660, 670, 680,	
	16mm Sound			690, 444	DAK*, DAY/DAK
	Visomatic	DDB, CZX, BRK (Sound)		GAF 1660, 1670, 1680,	
				1690, -A	DAK* DAY/DAK
F&B/Ceco, Inc.				GAF 2100R, 2660, 2670,	
	35mm Movie			2680, 2690	DAT/DAK, CWD
	CECO Redlake	DRS, DRB		GAF Auditorium 3000	Marc 300/16
	16mm Viewer			ESP 2000AV	DEK/DFW
	Professional	BJJ		35mm Viewer	
	35mm Viewer			Pana-Vue 1, 2, Automatic	245
	Professional	CEB		Microfilm Reader	
Federal				500 (R/P)	FCS
	Microfilm Reader			7500	CAR
	Portable Reader-Projector	CEW, CDS		7500A, 7502, 7504, 7511, 7524	FCS
Film Circulation Corp.				7700DMR, 7800DMR	DZE/FDS
	16mm Movie			7630C (Microbox)	FCS
	Duplex A	DDB, BFT (sound)		7630C (Series II Microbox)	BRJ
	Duplex B, C	DFD, BFT (sound)		7800DER	EPV
				7810DMR, 7820DMR	EPX
				9000 (R/P)	FCS
Forway Industries, Inc.				Overhead	
	16mm Movie			GAF Overhead 475AV, 485AV	DYS/DYV
	Forway 10, 10A, 10B, 10C,		Gavi (General Audio-Visual Inc.)	Slide	
	12	DFD, DDB, BSK (sound)		LC-210 Automatic Lamp	
	Little Giant 10, 12	DFD, DDB		Changer	ELH, ENH, ENG
				GAV-400 Repeater Projector	ENW/ENC, EKG

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Genarco, Inc. (See George R. Snell Associates, Inc.)		
General Electric Co.		
	Color Print Viewer	
	CPV-1	BMG/BMH
	Show 'n Tell	BAL
General Motor Sign Co.		
	Slide & Filmstrip	
	General Motorsign	DPT, DRW
General Photographic Supply Co.		
	16mm Movie	
	Elmo	DDB, CZX
	Slide & Filmstrip	
	Aldis Star 300	CLS, CMV
	Aldis Star 500	CZX, CXY
Harry Gocho Enterprises, Inc. (See Copal Corp.)		
Gold E Mfg. Co.		
	Slide & Filmstrip	
	Air-Flo 1043, All Purpose	
	1048, Combination 1047	DRS, DDB, DMX
	Cornet	CLS, CGW, CEW
	Dissolver	DPT
	Filmatic 300	CLS
	Manumatic 300-P-1042,	
	-1043, EZG-42, Nu-Manumatic	CLS, CGW, CFW
	Mark V D-44, D-45	CZX, CXY
	Master 447, 1049, 543, X	DMX
	Superslide 535, 1035	DRS, DDB
	Reflex 349	CMV, CLS
Good-All Electric Co.		
	35mm Movie	
	Sound on Film	DRS, DMX, 7.5A/T8SC (sound lamp)
	Semi	DSB, DPW, 7.5A/T8SC (sound lamp)
G-M Laboratories, Inc.		
	Slide	
Skani	720-21-1, SP-100, -100A, -101, -102	BMV, BMD
	SP-200, -200A, -201, -202, -203	BEJ, BEC
	SP-203A	CGW, CEW
	SP-300, -300C, -300X	CLS, CMV
Graflex (See Singer Corp.)		
Gregory Magnetic Industries, Inc.		
	Overhead	
	GMI 44	DAH, DFW
Hanimex		
	8mm Movie	
	All 800 & 900 Series 808D	CXR/CXL
	Model 720, 900, 924, 1000	CXR/CXL
	S-8000, SR-8600, 9000, SR-9000	DNE
	808D, SR-8600, S8-1000	EFM
	SR-9500	EFP
	Slide	
	1200AF, TAF, Hanomat 1000	FCS
	Rondette 110	FCS, FDV
	Auto Focus	DAK*, DAT/DAK
	500 Auto, 500 Super Auto	DAK*, DAT/DAK
	Focal Mark I, II, III	DAK*, DAT/DAK
	500-S, -A, -RF, AF, EF	DAK*, DAT/DAK
	Automatic, 2400 EF, RF	FCS
Harwald Co., Inc.		
	Slide & Filmstrip	
	Admatic 5J102	DDY, DGH
	Shopper Stopper-A, U	CGE
	Sonomatic 8J101	DDY, DGH
	View-Matic	DDY, DGH
Karl Heitz, Inc.		
	Slide	
	Astrolux 120S, 122, 125	DFT, DDY, DGH

MANUFACTURER	TYPE & MODEL	LAMP CODE
Hervic Corp.		
	8mm Movie	
	Silma Bivox D	EFP
	Silma S99	EFM
Heurtier		
	8mm Movie	
	6-24	FCR
	Standard 8, Dual 8	BXT
	Stereo 42	EJA
	P6-24B, ST-42	EFP
Hokusin		
	16mm Movie	
	SC-10, SC-10S, 5C-11 Series	EJL, ELC BSS (sound)
Holmes Projector Co.		
	16mm Movie	
	Rex A, I-A, II-A, III	DFD, DDB, CZX, 6S6 (threading)
	Television	DFD, 6S6 (threading)
	TP Television	DFD, 6S6 (threading)
	ITP Television	6T4½/1 (pilot) CZX
	Tutor	DRS, DMX
	35mm Movie	
	Educator	DTJ, DSB, 6S6 (threading & framing)
	8	DFD, 15T7DC (threading)
	Professional	6S6 (framing) 900T20 (30V), 2100T24/8 (60V), 15T7DC (threading), 6S6 (framing)
	7-A	DSB
	Sound Lamp	
	Rex, A, I-A	BXB
	Rex II-A (1st 100 machines) (others)	BXB BSS
	Rex II, Television	BSS
	Professional, Educator, 8	4A/T8/25
Honeywell (See Elmo)		
Hoover Bros., Inc.		
	16mm Movie	
	Da-Master Mark IV	CTT/DAX, CWA, BAK (Sound)
Hoover Bros., Inc.		
	Slide & Filmstrip	
	Strip Master	DEP, DAK*
Hoppman Corp.		
	16mm Movie	
	Teleshov 1-NP34M	CTT/DAX
	Slide	
	HC34FR	CTT/DAX
	Overhead	
	CP-2	CTT/DAX
Hudson Photographic Industries, Inc.		
	Slide & Filmstrip	
	HPI 10 Square Theater, 370, 371, 372, 373	CDS, BXT (12- Volt model)
	HPI Mini Projector	CDS
	Mini Projector 347, 348	CBX, CJJ
	Prima 340, 341, 345	CBX
	Prima Duplex Aperture 351	CBX
	Prima 350, 351-2, 355, 356-2	CAR, DFF
	Viewing & Editing	
	Prima Model 436, Dual 8, AV 435, Prima Super 8, AV 430 Standard 8, 330, 331-2	BLC

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Image Systems, Inc.	Microfilm		Kalart Victor Corp. (See DeVry, TSI, Victor and Craig)		
	Series 4000	DCW	Moviematic	Editing & Viewing	
Imaging Technology, Ltd.	Microfilm			Craig Projecto Editor KE-8,	
	Imtec 004, 006, 012	FDT		V-8, KE-S8, VS-8	CBX
Information Design, Inc.	Microfilm			Craig KE-16, V-16, V-46,	
	201	FCS		V-4643, V-1633, V-1643	CBX
	ROM 3	FDT		Craig E-16, E-8	CAC
	ROM 4, 1012200, 101420	DED		Kalart Editor Viewer EV-8,	
Imak Co.	8mm Movie			Mark II, EV Super -8	BLC
	Caravel Dual 8	FCR	Victor/Soundview	Slide & Filmstrip	
Information Handling Services, Inc.	Microfilm Reader			PS-43, PS-63, SAT-43, SAT-	
	VS MF Satellite II	DYT		63, SMT-43, SMT-63, PB-43,	
Ingenuics, Inc.	16mm Movie			PB-63	CXK, CXY
	Invision IN552	CTT/DAX, CYS		PB-65, PB-65F, PS-45, PS-	
Instructional Industries, Inc.	PAL	CDS		65, PS-65F, /S-65S, SAT-	
Intercontinental Marketing Corp.	Slide & Filmstrip			65, SMT-65, SAT-65F, SMT-	
	Diafant-O	100T8½/8	Kalart/Soundstrip	65F, PHD	CZX/DAB
	Diafant-1, -6A	DLC		Model BU-2	CAL
	Sunset 88	CBX, CAX	Kalimar, Inc.	Slide	
International Audio Visual, Inc. (See EIKI)				SA-300	CYC, CTM
Itek	Microfilm		Kapco Products, Inc.	Slide	
	1824SS, -RF	CAL		K-150	BLX
	1824RS	BCK	Ken-A-Vision	Micro Projector	
	2436	EKX		Tyro E, Trig K, Tech-A-1	5A/G16½/1,
	F100A, F150, F200, F1200	FCS		X-1000	5A/G16½/3 EKL
Jayark Instruments Corp.	8mm Sound Movie		K & E	Microfilm Reader	
	Super-8 2MS, 55-72 -WS,			7724	FCR
	66-72 -RV, 77-72 -AP	EKG		9221, 9922, 9924, 9926	Q400T4/CL
Kalart Victor Corp. (See DeVry, TSI, Victor and Craig)	8mm Movie			9949	BMV
	Kalart VP-88	DEF, DCA		#52-2041 Micromaster	ENH
Moviematic	16mm Movie			PJ-12 (CAPS)	FCR
	TM-3, STM-3, STM-3C,		Keyan Industries	Microfilm	
	TM-3C	CMV, CLS,		K-71	1507
	STM-18, Mark V	BSS (sound)	Keystone Camera Co., Inc.	8mm Movie	
	Mark V-MC3, STM-18-MC3	DHT, DFD, DDB		A-8, K-66, K-68, K-108,	
	ST-18, STV-18, STVA-18	BSS (sound)		K-109, -AZ	DDB, CZX
	65-4, Classmate 4	BSS (sound)		C-8, C-19, D-857	DDB, CZX
	65-10, 65-25, Assembly 10,	Marc-300/16A		D-854	CGW, CEW
	Sovereign 25	BSS (sound)		C-18, CC-8, J-8, M-8, R-37	CTR
	70-0, Silent 16	BSS (sound)		K-70, K-80, L-8, R-8	CMV, CLS
	70-15, RP, MP, 70-25, RP,	DHT, DFD, DDB,		K-75, K-88, K-100	CZX, CXY
	90-12, 90-25, 90-25MP, 90-	BSS (sound)		K-95, K-105, K-109AX, -D, -V	CZX, CXY
	25MPR, 90-25TV, 90-25PA	D-885, D-889, D-891, D-896		D-883, L-892, L-992	DDB, CZX
	MP, 75-15, RP, MP, 75-25,	D-883, L-892, L-992		K-90, K-60 (new model), 60D,	CTR
	RP, MP	D-883, L-892, L-992		K-104, 104A, -AR	BMD, BLR
	80-25	D-883, L-892, L-992		K-60 (old model)	DFA
	82-25 MPR	D-883, L-892, L-992		K-77, K-101, K-101Z	EDK
	STV-TB	D-883, L-892, L-992		K-100G, K-100Z, K-110-Z,	DEF, DCA
	1600, 70-1600	D-883, L-892, L-992		-AZ	DEF, DCA
	70-15, MC3, 70-25, MC3, 75-	D-883, L-892, L-992		K-106, -Z, K-107, -R, K-112,	
	15MC3, 75-25 MC3,	D-883, L-892, L-992		K-112Z, K-204, 207	DEF
	90-25MC-3	D-883, L-892, L-992		K-62, KJ-65, K-67, K-91,	
		D-883, L-892, L-992		K-98, K-103, K-104, K-301,	
		D-883, L-892, L-992		K-519, K-520, -M, K-529,	
		D-883, L-892, L-992		K-539, K-630, 660, 950, 955,	
		D-883, L-892, L-992		960, 965, 980, -S, -Z, -ZV,	
		D-883, L-892, L-992		Super-8	DCH/DJA, DCL
		D-883, L-892, L-992		Super-8 K-400, K-401, K-525,	
		D-883, L-892, L-992		-M, 530, -M, -Z, 535, 540, -Z,	
		D-883, L-892, L-992		550, -Z	DFG
		D-883, L-892, L-992		K-560	DMH, DFE
		D-883, L-892, L-992		Deluxe K-85, K-90, K-95	CXR/CXL
		D-883, L-892, L-992		440, 442	DCH/DJA, DCL
		D-883, L-892, L-992		441, 444, 446	DCL
		D-883, L-892, L-992		2500, -Z	CXR/CXL

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MANUFACTURER	TYPE & MODEL	LAMP CODE
Keystone Camera Co., Inc.		
	16mm Movie	
A	CVS
A-72, -74, B-63	CXK, CXY, CVS
A-75, A-78	CZX, CXK, CXY
A-81, -82, K-160, -161, -M	DDB, CZX
B, C, D	CDD, CBJ
C-16, -26, CU-26, C-28	CGW, CEW
CC-16	CMV, CLS
D-64	CVS
D-752, -754, L-751, E-853,	
L-951	CTR
D-757, -759	CGW, CEW
E-741, E-743, -746, -829,	
-839, -847, -848, -943, L-742,	
L-942	CTR
E-53 (1936)	100T8½/8
Editing & Viewing		
K-110 Editor (8mm)	CDD
K-200, K250	BLC
Slide & Filmstrip		
300, 310	CLS, CMV
K-500, -D, 510, 511 (old model)	CZX, CXY
511 (new model)	DAK*, DAY/DAK
S-25	CVS
S-222	CGW, CEW
411, 421, 431, 441	CTR
S-25	CVS
Special Lantern	DMX
Targetronic 990	DAK*, DAT/DAK,
K-660, 770, 880, 900	BCK
1100, 1200, 1300	DEK
Opaque & Transparency		
Overhead	DRS, DDB
Kimac Co.		
Slide & Filmstrip		
Universal	CXK
Kliegl Bros.		
Slide & Filmstrip		
Background 248, 1674A	2100T24/8
Background 2048	DSB, DPW
1676A, 1679A	5M/T32/1
Kodak (See Eastman)		
Kolograph Corp.		
16mm Movie		
47, 1615-49	DRS, DDB, BFT (sound)
35mm Movie		
Kolograph	DTJ, DSB, 7.5A/T8SC (sound)
LaBelle Industries, Inc.		
8mm Movie		
Target Systems 8, 8500	BJW
Slide & Filmstrip		
Model 200, Traveler 22	CVS
Model 302, 500, Classic, Maestro I, Maestro II, Professional 75 & 88 and Producer 55	CZX
Courier I, & II	BFR
Courier 16 (Early Models)	CDS
Courier 16 (Later Models)	EKZ
Ringmaster 33, Model 300 & 301	CXK
Director 300 & Showman 300	CLS
Tutor I & Tutor II	DGA
Sentinel 35	FCS
Sentinel 16, Tutor 16 Jr.	EKG
Showman 16	ENW
Tutor 16	EJV, EKE
DUO-16	EKG

MANUFACTURER	TYPE & MODEL	LAMP CODE
Laboratory Furniture Co., Inc.		
	Act-O-Matic Dual	DFR
Lafayette Instrument Co.		
	16mm Movie	
AAP-100P, -200P, -205P, -300P, -301P, -302P, -303P, -500P, -501P, -502P, -503P, -700T, -701T, -702E, -705, -710	.....	DDB
Learn Through Seeing, Inc.		
	Filmstrip	
Tachist-O-Flash Mark I	.....	CAL
Leitz		
	8mm Movie	
Cinovid 8	.....	CXR/CXL
	Slide & Filmstrip	
Udimo 100	.....	100T8½/8
Umena	.....	CDS
Gnome II, VIII-C-100	.....	100T8½/8
IV-F	.....	CZX, CXY
VIII-S-300	.....	CXK, CXY
VIII-S-400	.....	CXK, CXY
VIII-S-750	.....	DDB, CZX
VIII-S-1000	.....	DRS, DDB
Pradix	.....	BEH
Prado SM-300	.....	CXK, CXY
Prado 66, 500, Auditorium 500	.....	DDB, CZX
Pradolux	.....	BXT
Pradolux 24	.....	FCS
Pradolux-RT-300	.....	ELH
Pradovit F, FA	.....	DAK* DAT/DAK
Pradovit F-300	.....	CWD
Pradovit N-12	.....	BXT
Pradovit N-24	.....	CYN
Pradovit N-24 JOD	.....	FCS
Pradovit-Color, Autofocus 150	.....	FCS
Pradovit TARC, R150, RA-150	.....	FCS
Pradovit-Color-F	.....	DAK*, DAT/DAK
Pradovit C-1500, CA-1500	.....	FCS
Pradovit C-2500, CA-2500	.....	EHJ
Overhead		
Diascriptor 4	.....	FAD
Lenco Photo Products, Inc.		
	8mm Movie	
Lentar 805S, 810B, 810D, 815D, 934D	.....	CXR/CXL
Goldcrest 800 Dual	.....	CXR/CXL
Library Microfilms & Materials Co.		
	Microfilm Readers	
LMM Superior Library Rdr.	.....	DZE/FDS
LMM Advantage	.....	ELD/EJN
Liesegang U.S.A.		
	Slide	
Automat-J	.....	FCS
Fantax 300	.....	CXK
Avanti G2	.....	DMX
Linhof		
	Slide & Filmstrip	
Linhof 500	.....	CXK, CXY
Linhof 500W	.....	CZX, CXY
Lumen, Inc. (See Bell & Howell)		
	16mm Movie	
JAN AQ2, AQ3	.....	DDB, CZX
Luminos		
	Opaque	
Astrascope 3000/2, 3000/3	.....	FCS
L-W Photo, Inc.		
	16mm Movie	
Athena 1900, 224, -M, -MR	DDB, CZX, BSK (sound)
Magnavox Co., Inc. (See SVE)		

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Mansfield Industries, Inc.			Metagraphic Systems (Distr. by 3M)		
	8mm Movie			Microfilm Reader	
	3310 Customatic, 3300			COR 701EC	EKX
	Deluxe	DFA	Meopta (Ponder & Best)		
	Holiday M-1000 (old), 501	EDK		Slide & Opaque	
	Holiday M-1000 models			Optirex—Epidiascope	DMS
	3001, 3202, 3241	DCH/DJA, DCL		Optirex II	DMS
	Holiday M-1000 (all other),			Epirex Opaque	DMS
	MZ-1000, 320	DAK*, DAY/DAK		Overhead	
	Ultra, Ultramatic, Ultrasonic	DFA		Meotar	FCB
	Viewing & Editing			16mm Movie	
	Editor 800, Senior Editor 800	6S6 (100V)		Meoclub II	DPW
	Reporter, 200, 960	BKV	3 M (See Reverse)		
	Action Editor 950	BKV		Slide & Microfilm	
	Action Editor DL 960	BKV		VSS-785	BCK
	Slide & Filmstrip			125/525	FEM
	350, A-35	BMV, BMD		525AF	CDK
	B-40	CGW, CEW		625BGR	BCK
	B-50	CLS, CMV		625BGB	CZA/CZB
	Hi-Fi, Deluxe, Deluxe 500,			625BGF	CRT
	Midway 500	DAK*, DAT/DAK		260	DDP
	Hi-Fi (old), Deluxe (old),			Opaque & Transparency	
	Deluxe 500 (old), Midway 500			Thermo-Fax 42C, 42A, BA,	
	(old)	EDK		CA, CG	DRB, DRS
	Holiday 500	CZA/CZB		Thermo-Fax Overhead 43	CZA/CZB
	Kadet, Starfire, Starlite	CAR, BEH		Model 42D	BRH
	Midway	CLS, CMV		Model 42DA	DXW
	Midway II	CWD, CAL		60, 66 (to 66AG1101E)	FAL
	Skylark, 300, Automatic,			66 (over 66AG1101E)	FCB, BRH- (with heat adaptor kit)
	Presto-Matic	CWD, CAL		66 (over 66AGO15735H)	DYP
	Skylark 500	DAK*, DAT/DAK		66 (over 66AR100001)	EHA
	Microfilm Readers			66 (over 66ARC291001)	BVA
	MLF-2, -3, -4	DED		121, 523 (Standard), 566	EHA
	16mm Sound			121, 521, 522 (Glare Free)	BVA
	Miracle No. 2	DDB, CZX		Desk Top Projector 088	DMK } later models
	Filmstrip			Desk Top Projector 88	DML } use EPR
	132, RW	CDS, CEW, CGW, CYF, CYC		Model 121, 221, 66 (over 66AGO29213N)	DYS/DYV
	Programmed Instructor	BVB		521, 522, M526, M567	BVE
	132 Series Random access	CYF		212, 213BLF, 213AKD	ENX
	133B Random access	ELD/EJN		413, 429	ENX
	137-S Random Access	DEK, DAH, CBA		6200, 6201, 6202	EVW
	137-H Random Access (arc)	Marc-300/35K		Microfilm	
	136-ST Random Access	CZA/CZB		110, 111, 112	EPX
	Slide			114	EPX, DZE/FDS
	136	DFW, DEK		169 (Jacket Loader)	BRL
	Teaching Machine 1700	BVB		200, 200R	400T12/2P (65V)
	Filmstrip 1000	ELD/EJN		400B, -M, -C, -CT (R/P)	DDN, FCK
	Random Access 133B	ELD/EJN		500, -M, -C, -CT, -F, -PS (R/P)	DDN, FCK
	Slide & Filmstrip			702 Reader	ELA
	Instan-View IV-510A	DCH/DJA		703, 705 (R/P)	ELA
	Statesman Standard	CAR		800 (R/P)	DDL
	Statesman Deluxe	CAL		2800, 3550, 4600	DED
	L (old model)	CEW		COR-701	EKX
	N (old model)	BEH, CAR		COR-702	ELA
	N (new model)	CAR, BEH		COR-703	DZL
	N-L	CAR		Consort	ELS/ELR
	66, 61, 400 71A	CAR		Consultant 114	EPX
	CSM, CSMA, MRC, MRF	CAR		Consultant 11a	EKX
	CSA-A/50, MRF-3	CAL		Micro Design (A Division of Bell & Howell Co.)	
	Picturephone 400	CAR		Microfilm Readers	
	Attache	CAR		100, 175A, 250, 500	FCS
	Microfilm Reader			COM-150, -200, -400, -1200	FCS
	MC-2100 (R/P)	DDS		500 Aperture Card Reader	FCS
	Informant	EPV		900 Series (Fantype)	FCS
	Mini Cat TV	ELD/EJN		4000 Series	FCS
	Microfilm Reader			RP 550	FCS
	Reader (all models)	DZL		COM 175	1156
				900 Series (Hybrid)	FCR

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MANUFACTURER	TYPE & MODEL	LAMP CODE	MANUFACTURER	TYPE & MODEL	LAMP CODE
Micro Design (A Division of Bell & Howell Co.)	Microfilm Readers		Minolta Corp.	Microfilm Readers	
	Com 150F (Fanless)	FCR		R-103, 403 (R/P), RP-405, -407	FCS
	Portable	FHR		PR101-CS, Type C, Type D	FCS
	900 Series (Power Drawer Modual)	DJT		RP 1824	EHJ
	Comette	DED			
	Micro 44 (Portable)	FHZ			
Microfilm Enterprises	Microfilm Readers		MS-Mikrofilm	Microfilm	
	ME-R16/24, -R35/24	Q150CL/DC/2V (ESP)		NMI-75	EPX
	ME-E16/24	Q150CL/DC/2V (ESP)	NMI-90	ELD/EJN	
Microfilm Equipment Mfg. (MEM)	Microfilm		Minox	Slide & Filmstrip	
	16mm Retrieval Reader (Atlas M-28)	FCR		Minox 30	CDS, CBJ
Microfilm Products	Microfilm		HP-34	FCS	
	1500, 1600 Editor-Loader	Q150CL/DC/2V (ESP)	Miranda (Allied Impex)	Slide	
	1000, 2000, 3000			Auto-Sensor	CZA/CZB
Motorized Reader	Q150CL/DC/2V (ESP)	Montgomery Ward		8mm Movie	
Microfilm Recording Co. (MRC) (Micro Com Series)	Microfilm		808, 852, 853, 888, 899	DAK*, DAY/DAK	
	Personal, Briefcase		EPZ	809, 810	DYY/EGH
	900, 1200, 1217, 1600, 1800		ELD/EJN	812	DYY/EGH
	1800E, 2300, Executive		ELD/EJN	816, 818	FBG/FBD
Microform Communications, Ltd.	Microfilm		811	DAT/DAK	
	Minor (16mm)		FCR	Slide	
	Mimic (card duplicator)		FCB	100, 111, 200, 222, 300, 333, 400, 444, 500, 640, 642, 644, 655, 666, 700, 800, 880, 900	DAK*, DAY/DAK, DYY/EGH
Micro Information Systems (MISI)	Microfilm		1000, -Z	DYY/EGH	
	201, 202		DCB	777Q, 777AQ	FBG/FBD
	301, 303 (R/P)	EKE	Q333, Q555, Q888, -Z	DAT/DAK	
	601, 602, 701 (R/P)	BCL	Movie-Mite Corp.	8mm Movie	
	1200, 1201, 1202 (R/P)	BCL, DCB		Calvin Movie Sound 8	DDB, CZX
Monitor	ERW	16mm Movie			
2001 (R/P)	ELD/EJN, DDS	Movie-Mate CV-1, -2, -3, -4		CYE, CMV	
		Movie-Mite 41 -51 -61		BMD, BLR	
Micron	Microfilm Readers		Movie-Mite 42 -52 -62	CGW, CEW	
	750, 760, 770, 775, 780, 785	DDS	Movie Mite, 63L, 63LD, 63LMB, S-53, C-400	CMV, CLS	
	RP700	DDS	Movie-Mite LV-250	DKM, DLR	
Micro Scan	Microfilm		MM Supreme S-53, C-55	CMV, CLS	
	Commander 1000	DZE/FDS	Slide & Filmstrip		
Microseal Corp.	Microfilm		Bell Boy Sound Slide	CXK	
	VM-16, VM-35, VM-1635	ELA	C-400	CMV, CLS	
Micro Vue	Microfilm		Viewing & Editing		
	280, 355, 460	DED	16mm		
Mikrotek Corp.	Microfilm		Preview	1017 picture, 55 viewing, BSS, 1725 (Sound)	
	Diagraph X	ELH, ENH	KP, LP, UKPS, ULPS, ULPCS	BLR (picture), BSS, 1725 (sound)	
Mille File	Microfilm		UKS, ULC, ULS, ULCS	25A (picture), 1725 (sound)	
	Mark V	FCS	K, L	25A	
Minolta Corp.	Slide		LVR	CEW (picture), BSS (sound)	
	Mini-16	CBJ, CAS	K-20, L-20, UK-20-S, UL-20-S, U1-20-CS	BMD (picture), BSS (sound)	
	Mini-35	CDD, CBJ	UCS, UDC, UDS, UDCS	25A (picture), BSS, 1725 (sound)	
	Auto Pak, AF, AF/2	DAK*, DAY/DAK	C, D	25A	
	Auto Pak AFT, AFT-2	DYY/EGH, DAK*, DAY/DAK	35mm		
	8mm Movie		P, UPX	DMX, 1725 (sound)	
	Autodual 8	CXR/CXL	Preview	1017, 55 (viewing) BSS, 1725 (sound)	
	Sound 6000, 7000	EFP	C-20, D-20, UC-20-S, UD-20-S, UD-20-CS	BMD, BSS (sound)	

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Moviola Mfg. Co.	Viewing & Editing 16mm & 35mm		Operadio Mfg. Co. (See DuKane)	Slide & Filmstrip	
	Series 20	{ BMY (picture), BSS (sound), 51 (pilot)		Explainette 100, 14A35	CDS, CBJ
	Preview	{ 1017 (picture), 55 (view), BSS (sound)		Explainette Automatic 14A90	CEW, CDS
MPO	8mm Movie		Explainette Educator 14B56, 14C56	CXK, CXY	
	Videotronic	DLS	Expalinette 300, 14B55, 14C55	CXK, CXY	
MTC Corp.	Videotronic Super 8	ELZ	Optics Mfg. Corp.	Slide & Filmstrip	
	Microfilm Readers			Opta-Matic 910, Custom 950	DGA
Mundus Co.	1R6 Model (pre-1979)	DZE/FDS	Optima	Filmstrip	
	1R6 Model (post-1979)	EPZ		1502, 1503	CAR
Murray	Slide		1530	CAL	
	Club	CBJ	Optitronics Corp.	Slide & Filmstrip	
Naren Industries, Inc.	Film Viewer			Spectra Mark I	DAK*, DAY/DAK
	Slide & Filmstrip		Optisonics	35mm Projection	
Polarama N-301, N-301-P	CLS, CMV	Mastermatic		CZA/CZB	
National Picture Service, Inc.	Polarama N-501, N-502A, N-502-P	CZX, CXY	Ozalid (Div. General Aniline & Film Corp.)	Opaque & Transparency	
	Slide & Filmstrip			Porta-Lite 7, 10	CZA/CZB
NB Jackets	National D, No. 1	DMS	Porta-Lite 100	CTT/DAX, CWA	
	Microfilm		Projecto-Lite	BFH, DPJ, DMX	
	162	DJT, EPX	Pailland, Inc. (See EPOI)	Paromel Electronics Corp. (See DeVry)	
	162A	DJT			
	1200	1503	J. C. Penney Co.	8mm Movie	
	1600, 3500	ELD/EJN		2550, 6440, 6442	DFE
	1600A,-T Automaster, II	ELD/EJN	Slide	100, 200, 300, 400	DAK*, DAT/DAK
Reader-Filler II	ELD/EJN	500, 600		DEK	
NCR	Microfilm		666, 777, 888, 999, 1000	CZA, DAT/DAK	
	200	FDT	Pepco	Microfilm Reader	
	400, 800, 900	{ DZE/FDS, FCR		MFI (Type C, R)	ENH, ELH
	Check Housing	{ FCS, FDT	Petri-Kine	8mm Movie	
	455-6 PCMI	EKN		Raynox Dual	CXR/CXL
	455-PCMI	FDS	Royal RS	CXR/CXL	
	456-3, -200, -242, -300, -500,	FDT	Dahlia	CXR/CXL	
	456-400	FCR	Hawk, Sono Hawk	CXR/CXL	
	456-722	CWD	Photo America Corp.	8mm Movie	
	456-800	FCS		Carena 600Z	EFP
	458-500 (R/P)	DDJ/DZZ	Phototronic Corp. of America	8mm Movie	
	4600-10, -11	DDJ/DZZ		Phototronic 400	DHJ
	Norelco	16mm Movie		Phototronic 800	DEF, DCA
		Mark-Lite ML-5100	Marc-300/16	Photo Kinetic	Microfilm Reader
	Northwest Microfilm	Microfilm Reader			COR-701, -EC	EKX
NMI 11, 14, 75		EPX	Photronix	Microfilm	
NMI 90		ELD/EJN		Scan Executive 10/40	CWA, DAH
Noris	Pro	DDM	Pictronics Corp. (See Anson Research Co.)	Picture Recording Co.	Slide & Filmstrip
	8mm Movie				Pictur-Vision 55, 75, 75-B, 1555-C, 2075, 5516	DDY, DGH
	SM-3, Norisoud 310, -322S, -322P, -332 Duo, 342 Stereo	EFP	Polaroid Corp.	8mm Movie	
Norimat Studio 2000, Special D	EFP	Polavisision Player		DNF	
OCE-Elliott, Inc.	Microfilm		Slide & Filmstrip	Polaroid 610	CZX, CXY
	BKE Conference Projector	DYS/DYV			
OCE Industries, Ind.	Microfilm		Ponder & Best, Inc.	8mm Movie	
	3520, 3521, 3525, 3526	EKX		Dual-8 733	DNE
	3530, 3531	DZE/FDS	Dual-8 733A	CXR/CXL	
	3533, 3534	EPX, EPZ	Slide	Color Slide Projector	CDS
	3600, 3710, 3720 (R/P's)	FCS		Frederick Post Co. (See Teledyne-Post)	
	3650 (R/P)	EJV			
	3650, 3655	ELD/EJN			

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MANUFACTURER	TYPE & MODEL	LAMP CODE
Precision Laboratories	Sound Viewer 600, 600 RL, 650 RL, 800, 800 RL	BSS
Prestoseal Mfg.	Microfilm 300 X	CDS/CDX
Projection Optics Co., Inc.	Opaque & Overhead Transpaque Jr., Transpaque Auto-Level Transpaque II Transpaque 20/20, 21400, 21401, 21402 Travel-Graph 21000 Travel-Graph 21000-H Travel-Graph 21000-RX-CC, 21000-RXB-CC Travel-Graph 21000-U Travel-Graph 21100-AA, 21100-CC, 21100-EE Traphel-Graph 21105, Resolute Travel-Graph 21106, Resolute Transpaque 30/30 Travel-Graph 21101-AA, 21101-CC, 21101-EE Travel-Graph 21101-RR Travel-Graph 21101-SS Travel-Graph L-101, L- 101-XX Travel-Graph L-101-AA, -AN, -KK, -MM, -QQ, -SS, -VV Travel-Graph L-101-RR OpaScope, Projex 1010	DRB, DRS DRB, DRS DYS/DYV FAL DYR FCB DYS/DYV BRH BRH FCB ENX FCB DYR DYS/DYV/BHC FCB DYS/DYV/BHC DYR DRB, DRS
Projection Service Co.	16mm Movie Talk Pix 5, 6, 7 35mm Movie Talk Pix 8, 9, 10 Talk Pix 16, 20 Sheffield	CDD, CBJ, BXB, (sound) CXK, CXY, BXB (sound) DDB, CZX, CXY BXB (sound)
Projectograph Corp.	Slide & Filmstrip DeLuxe 1650, 1750, 1775, 1875, 1850W A, B, C	7.5A/T8SCP 1183
Quantor	Microfilm 105, 305 304 307, 308, 310 318	FDT ERW EPZ or FDT ERW or FHX
Quick-Set, Inc.	Slide & Filmstrip Super 300 Three-O-Three 505	DGA CAL CZA/CZB
Radiant-Pathe, Inc.	8mm Movie Pathe-Noris 3810, -Z, 3820, -Z Pathe-Noris Super-8 3830, -Z, 3840,-Z Slide Pathe-Noris V24 Microfilm Reader Pathe Film Reader	BXT FCR FCS CCM, CGP
Radmar	Filmstrip N-150, -3 N-300, -3 Model 1500	CAR, DFF CAL CAR, DFF

MANUFACTURER	TYPE & MODEL	LAMP CODE
Radmar	16mm Movie Model 1580-RVC, 3161	EJL
Ragen	Microfilm 95	FDV
RCA Corp.	16mm Movie 1600 M1-35051-B/C/D/E M1-35051-A 1600 HL FP-5, -10, -20, -205, PB-139, PG-71, -170, -200A, -201 PB-29, PG-38 PB-80, PG-60 400 Junior, -Senior (*) Magnetic: M1-35000, -001, 002, 007, 008, 014, 050 (*) M1-35006, 35016A, 35017A, 35018A TP-6, TP-6A TP-16 TP-66 (*) Green finished models may also use DHT. 35mm Movie Photophone PP-17, PG-29, PP-6, PG-5 Photophone M1-1151, 1152, 1153, 1154, 1155 Photophone M1-1156 to 1161 TP-35CC Sound Lamp PB-29, PG-38, PB-80, PG-60, PG-139, PG-71 FP-5, -10, -20, -205, 400 Jr., Senior, M135000, 002, 007, 008, 014, 050, PG-170, -200A, -201 TP-6A TP-66 Photophone M1-1156 to 61 Slide & Filmstrip TP-7 RCA-M RCA-Q RCA-F Slide & Filmstrip 620 620 DeLuxe 200, 400, Automatic 990 Stereo Realist ST-81 Stereo Realist ST-82 Vista, Vista III 3402 Microfilm Vantage III, IV Valiant Microfilm Reader 3320, 3330, 3332 } Vanguard 3333, 3334, 3335 } 3337, 3338, 3339 3340, 3342, 3343 3351, 3352 Vantage III & IV 3351, 3352 Vantabe I & II 3360 Swinger (bright) 3360 Swinger (standard) 3361, -2, 3371, -2 Swinger Seminar Viking, FE-100, Educator, Agent, Executive, Technician Valiant	DSB DTJ, DSB DTJ, DSB DGS BFT BGB 5A/T8SCP/1 BSS 7.5A/T8SC, 5A/T8SC CXK CAS CDS, CDD, CBJ CVS DGA DGA CAR, BEH CZA/CZB CZX, CXY DFD, DFT, DDB BEH, CAR BRN EPX EPZ DZE/FDS or EKX EZX EPX DZE/FDS FCR 1509, 1507 FCR EPX ESA EPZ

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MANUFACTURER	TYPE & MODEL	LAMP CODE	
Sears Roebuck & Co. Sears	16mm Movie		
	8401	DFD, DDB, BSW (sound)	
	Slide & Filmstrip		
	1800, 1810, 9815, 9824	BEH	
	9824, 9815	CAR	
	6400, 6363, 9800, 9823	CWD, CAL	
	1830, 9830	DGA	
	1840	CAL	
	1850, 1860	CZA/CZB	
	6345, 6346	EDK	
	6350, 6353, 6360	CLS	
	6446	BMV, BMD	
	6449	BEJ, BEC	
	6631, 9800, 9823	CWD	
	9826, 9886, 9843, 9854,		
	9844	DAK*, DAT/DAK	
	9833, 9843, 9853, 9863,		
	9883, 9886	DAK*, DAT/DAK	
	9840	CAL	
	9847, 9865	CZA/CZB	
	9870, 9872, 9880, 9885,		
	9888, 9890, 9895	CZA/CZB	
	9871	DGA	
	9875, 9877, 9878	DGF, DFW	
	Continental 9845, 9851,		
	9855	DHN	
	Rear Projection 9928	BLX	
	Whisper-Matic 9873, 9874,		
	9875, 9876	DAT/DAK, CWD	
	Pro-AM	CBA, DEK, DAH	
	Sekonic	8mm Movie	
		Sekonic 30C, 30D	CZX, CXY
		Sekonic 80P, 80PB, 80J,	
		260S	CXR/CXL
		Sekonic 30HL, 30J	DLG, DLS
		Copal/Sekonic 290, 290S,	
		290D	CXR/CXL
	Selectroslide Co. (See Spindler & Sauppe)	16mm Movie	
		Universal III, H, H-3, J	DDB, CZX
		H Special, J, K, IV	DFD, DDB
		L	DFD
		35mm Movie	
		Universal 10, 33, 66	DMX, DRS
		Sound Lamp	
		H, H Special, H-3, III, IV	4A/T8/25
		J, K, L, M	BFT
10, 20, 33, 66		4A/T8/25	
SFS	Microfilm		
	LG16FC, -A	DED	
Singer Corporation Educational Systems (Graflex)	16mm Movie		
	Stylist	DFD, DDB, BRK (sound)	
	715	DLR, DKM, DSW (sound), 6S6 (threading)	
	800, 815, 820	DKM, DLR, BRK (sound), #44 (threading)	
	900, 915, 920, 1015, 1020,	DKM, DLR, BSW (sound) 6S6 (threading)	
	1050, 092BP		
	Arc Light Projector 940,		
	1040, 2180	Marc-300/16A, BSW(sound)	

MANUFACTURER	TYPE & MODEL	LAMP CODE	
Singer Corporation Educational Systems (Graflex)	16mm Movie		
	Insta Load 1115, 1120,		
	2110, 2120, 2160, 2170	EJL, BSW (sound)	
	10, 15 Super-15	DKM, DLR, BRK (sound) #44 (threading)	
	Slide & Filmstrip		
	Caramate 3100, 3200, 3260	ELH, ENH, ENG	
	Film strip	CAR	
	Compact	CAR	
	Serial Numbers 17000 and		
	over, Mark II	DAK*, DAT/DAK	
	Serial to 17000, Automatic	CZX, CXY	
	SM-200	CAR	
	SM-400, RC	CAL	
	SM-1000	DLN, DEK, CBA	
	Caramate I & II	CAR, DFF	
	Caramate 3300 series	DDM	
	Messenger	CAR	
	Classmate	ESH	
	Communicator	CEB	
	Constellation	DAY/DAK	
	Examiner	CBX	
	Executive	CBX	
	Microfilm Reader 1013A	CDK	
	Rotator A-11, M-511	CYC, CTM	
	Showcase SC-814-811	BAH	
	Standard 66	CAX	
	Traveler	CBX	
	Microfiche 8870	1507	
	Audio Study Mate	BLC	
	Auto-Vance Study Mate, II	BLC	
	Auto-Vance III	1195	
	Messenger VII, Readermate	1195	
	Insta-Load 35	DDK	
	Instructor 2	DEK	
	Illustravox	Junior, Salesmaker	CDS, CBJ
		150M	CEW
		300A, -RE, -RM	CLS, CMV
	Instructor	150	BEH
		Instructor	DLN
		Instructor II	DAH, DEK, CBA
	Overhead	OH 2000, OH 3000	DVY, DYH, DYJ, DYR
		School Master	
	500, 500RC	DAK*, CZA, DAY	
	750, 750 RC	DEP, CWA	
	500 Model 49	CZX	
	Reader Jr	CAX	
Reader Sr	DAK*, DAY		
Situs (formerly Data View) Microfilm	All Models (Except Portable)	FCS	
	760-1, 811-1, 813-1,		
	1015-1	DED	
	George R. Snell Associates, Inc.		
Genarco	Slide		
	Master 6800	DPT, DPW	
	SM2, SM3, SP1, SP3, 3/M,		
	3/65, 3/6, SA RA60, SA RA 6000,		
	SA SM3, SA SP6, SA SP12,		
	SA SP18, SA65, SA6800	3MT32/2	
	Satellite I	BTA	
	Telepro SA 6000, RA60	3MT32/2	
	RA 1000, RA 500	BRN, CYS	
	Metro-Lite ME-35, ME-100	HMI	
	Overhead		
	Metro-Lite ME-76	HMI	
	Opaque		
Metro-Lite ME-60	HMI		

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Soligor (Allied Impex)	Slide & Filmstrip		SVE—Society for Visual Education	Microfilm	
	Deluxe Portable, Jr.	CDS, CBJ		SVE-RM	BMD
S.O.S. Photo Cine Optics, Inc.	Viewing & Editing			Slide & Filmstrip	
	Acmade Pic-Sync	BVK		American Cabinet	CVS
	F & B Ceco Pro Jr.	CBX		Senior, AAA, EAF, EAG	CXK, CXY
	Murray Pro 35	CBJ	Electro-Acoustic	A	CBJ
	16mm Movie			B	BMD
	Imperial 16, Cinemaphone 16,			C	CXK, CXY
	Educator, Professional	DFD, DDB, CZX		EA	CAS, CBJ
	35mm Movie			EAD, EAF	CVS
	Cinemaphone 35T	DRS, DMX		EAG	CXK
	Duplex-Ace AT	DTJ, DSB		EAQ	CDS, CDD, CBJ
	Duplex-Ace BT	DTJ, DSB	Entertainer	300	CXK
	Streamline	DMS	Friesco	Dental X-Ray	CDS, CDD, CBJ
	Standard	DPT, DRW	Instructor	300	CXK
	Sound Lamps for all Models	4A/T8/25		500	CZX
	X-Radiola	DMX		750	DDB
				1000	DFD
Spindler & Sauppe, Inc.	Slide & Filmstrip		Jam Handy	C, D, F	CVS
	0-10	CXK		Pocket Exp., K, L, M, Jr.	CAS
Selectroslide	J-10	CVX		Q	CDS, CDD
	0-40, 300, 350, 351	CZX, DDB, DFD		RW	CLS
	320, 321	CXK, CXY, CZX	Picturol	C, D, F	CVS
	321 (new)	DFW, DAH		G, G-2	CXK
	322, 330, 331, 332	CDS, CEW, CGW		Q	CDD
	340	CVS, CXY, CXK		Q-3	CEW, CDS
	SL-750, SLD-750, SLR-750,	CZX, DDB		Automatic	DLC, CVS
	SLS-750, -B, SLX-750, -B,			K, L, M, S, Jr., Pocketer	CAS
	SLT-750	DDB, DDY, DGH		SO	CXK, CVS
	SL-1200, SLM-1200, SLD-		Skyline	A, 200-B	CGW
	1200, SLR-1200	DDB, DDY, DGH		B, C, D, 300-B DeLuxe	CLS
		DFT, DHT		500	CZX
	SLR-1200A, SLR-1200A/766	BRN, BRR, BRP	SVE	Slidette	CEW
	SLD-1200A, SLD-1200A/766	BRN, BRR, BRP		Dental X-Ray	CDS, CDD, CBJ
	766 Ultrabright	CYS, CTT/DAX		Miniature RK (X-Ray)	CDS, CDD, CBJ
	Spectrum 32	DFW, DAH, CBA		Miniature DK	CEW
	Spectrum 96	CWA, CZA, CAL		Miniature AK	CXK
Spiratone, Inc.	Slide		Schoolmaster	300	CLS, CMV
	Sight 'N Sound	CLS, CMV	Tri-Purpose	AA, AAA, AAA-2	CXK
Squibb-Taylor, Inc.	Opaque			BB, CC	CDS, CDD, CBJ
	Spotlight TS-1, -3, -4, -5, -6,			DD	CEW
	-7	DRS, DRC, DRB		FF	CVS
Standard Projector & Equipment Co.	Slide & Filmstrip		Synchromat Equipt. Corp.	Slide	
	111 Filmstrip Viewer	BLC		Model S	DAK*, DAY/DAK, DAT/DAK
	Presentation-35	BLX	Synchronex Corp.	8mm	
	500C, 500F, 500 Jr. (old)	CZX, CXY		SP-169 Sound	DNE
	500-C2, 500 Jr. (new)	DAY/DAK ¹	Synergraphics, Inc.	Microfilm	
	500N, 500RC	DEK		C, CO, RH, RM	1143
	500-RR, 500-RR2, 500CZ,			COM-150, COM-200	FCS
	FS	DAY/DAK ¹		MF	1940
	300	CMV, CLS		Normandale, Northstar I, II	DZE/FDS
	CP-300 Sound Filmstrip	CYC		QS	1195
	750C	DDB	Tandberg	8mm Movie	
	750 Automatic, AB	CWA		Videotronic	DEF
	750 RR2	BRP	J. Y. Taylor Co. (See Squibb-Taylor)		
	1000-C	DFT	Taylor Industries, Inc.	Slide & Filmstrip	
	1001RP, 1003 Sound			Taylor Stereo D-52	CGW, CEW
	Filmstrip	BCK	Taylor-Merchant	Microfilm	
	666, 666-C, 666N, 666CN,	CAL		300XF, 400	CDS/CDX
	150F, 331, 333, 333N, 333CN,		TDC (See Bell & Howell)		
	333-C, -RC, 444	CAR, DFF	Teaching Technology Corp.	Overhead	
	Stanmate 35	ELH		1055	DRS
Standard Projectors, Inc.	16mm Movie				
	Standard 38, 90	DDB, CZX			
	Standard SP-38	CZX, CXY			

[†] Proper base depends on type of socket in lamp house. *For longer life, substitute DAY/DAK for projectors requiring the discontinued DAK.

¹ Some 500-watt projectors (such as Standard Projector & Eqpt. Co. 500-series) require the DAY/DAK lamp, which has a heat-resistant glass bulb. DAK lamps should not be used instead, unless specified by the projector manufacturer. In doubt, use only the DAY/DAK or a lower wattage lamp.

GE PROJECTION LAMPS

PROJECTION LAMP—EQUIPMENT GUIDE

MANUFACTURER	TYPE & MODEL	LAMP CODE
Tech Photo Products, Inc.		
	Slide	
	Colormatic 35, EC	CYC, CTM
Technicolor Inc.		
	8mm Movie	
	500, 510, 800	DCH/DJA, DCL
	520	DGB/DMD
	200, 800D	DCL
	600AD, 610, 810	DCF
	820	ELE
	1000, -A, -B, 1300, 1400	EJV, EKE, BSS (sound)
	1100	EKE
	SM3, SM14	DCL
	Showmate	EPG
	Showcase	EPG
	Filmloop Player	EPF, ELE
	Road Show 21, 41	ENH
Technical Devices Corp.		
	8mm Movie	
	Fodeco 8	DDB, CZX
Tel-A-Story, Inc.		
	Slide	
	JD	CGE
	12, JD-4, KS	DDY, DGH
	Senior, Master, Narrator	CDK, CBX
	Viewer	
	Junior	CAX
Teledyne-Post		
	Microfilm	
	620	EMC
	640	ELD/EJN
	Microfiche	DRS
Teleprompter Corp.		
	Opaque	
	Translator V	DRB, DRC
Terminal Data Corp.		
	Microfilm	
	VMI 16/105	CTT/DAX
Thomas Publishing Co.		
	Film Reader	
	TM-C Reader	CRT
T.M. Visual Industries, Inc.		
	Slide & Filmstrip	
	TMC Showoff 2010	
	Showmatic	CDS
	Synchromatic AV2000	CLS
	Autospool	CLS
	Compact 150	CEW, CDS
	Overhead	
	Carri-Vue	DYS/DYV
	Microfilm	
	# 300	CDS
	# 400	CEM
Topper		
	Dual Eighty, 75	EWM
Triangle Projectors, Inc.		
	16mm Movie	
	Model 1200, 1600	DAG
TSI-Technical Service, Inc. (See Kalart Victor Corp.)		
	16mm	
TSI	De Vrylite D3 Suitcase	DFD, DDB, BRK (sound)
	De Vrylite DU5, 15R	DFD, DDB, BRK (sound)
	Duolite ST-3	CMV, CLS
	Duolite ST-18, STV-18, STVA-18	DDB, DFD, DHT, BSS (sound)
	Moviematic STM-18	DDB, DFD, DHT, BSS (sound)

MANUFACTURER	TYPE & MODEL	LAMP CODE
TSI-Technical Service, Inc. (See Kalart Victor Corp.)		
	16mm	
TSI	Moviematic STM-3, TM-3, STM-3C, TM-3C	CMV, CLS, BSS (sound)
	Teclite S-18, S-20	DDB, DFD, DHT, BSS (sound)
Unimic		
	Microfilm	
	3000	DED
Universal Camera Corp.		
	8mm Movie	
	Cinematic 752	DDB, CZX
	P8, PC10, PC300	BWY
	P500, PC500	CZX
	Univex PU8, PU300	CGD
	Univex 750, 752, P750, P752	DDB, CZX
	16mm Movie	
	Tonemaster	DFD, BFT
University Microfilms (Xerox/University)		
	Microfilm	
	320, 322	EXP or DZE/FDS
	333, 334, 335	EKX
	340	ELD/EJN
	350	EVA, FCR
	1212 (Bright)	FCR
	1212 (Standard)	1509, 1507
	1414	EVA, FCR
	3360 Elite	FCR
Universal Sound Systems, Inc.		
	16mm Movie	
	Apex P	DDB, CZX, BFT (sound)
	Apex R, S	DFD, DDB, CZX, BFT (sound)
U.S. Projector Corp.		
	16mm Movie	
	Success-O-Vox	CFY, CEG
	Filmstrip	
	Adslide B	CFY, CEG
Van Der Schalie Corp.		
	16mm	
	Contimovie	DDY, DGH, BRK (sound)
Vicom, Inc.		
	8mm Movie	
	Vicaudio Mark I	DHJ
Victorlite Industries, Inc.		
	Opaque & Transparency	
	Visualcast Traveler, Instructor	DMX
	Visualcast 3000	DMX, DRS
	Visualcast 4000	DRS
	Visualcast 5000	FAL
Victor Animatograph Corp.		
	16mm Movie	
Victor	3	CVS
	3-R, 7-R	CZX, CXY, CXK
	7	CXY, CXK
	10 RH	CXK
	10, 10E, 10FH, 12-A, 12-B, 25	CZX, CXY, BXJ (sound)
	11, 20, 21, 22, 26, 31, 33, 36	DDB, CZX
	16, 16S, 24A, 24B, 24C, 24AB, 25AC, 40A, 40B, 41A, 41B, 38	DFD, DDB, CZX
	40C, 41C	DDB, CZX
	55, Lite-Weight, 56, Envoy	DDB, CZX
	60 Triumph, 60-2, 60-10, 60-25, 65-10, 65-25	DDB, DFD, CZX
	60-4, 65-4, 65-0	DDB, CZX

† Proper base depends on type of socket in lamp house.

GE PROJECTION LAMPS

PROJECTION LAMP—EQUIPMENT GUIDE

MANUFACTURER	TYPE & MODEL	LAMP CODE	MANUFACTURER	TYPE & MODEL	LAMP CODE
Victor Animatograph Corp.			Viewlex, Inc.		
	Sound Lamps			Viewing & Editing	
Victor	24-A, 24-B, 24-C, 24-AB, 25-AC, 26, 38, 40	BXJ		Superviewer V-131	Contact Viewlex 233
	31, 33, 36	BSW		Superviewer V-133	BLX
	40A, 40B, 41A, 41B (serial below 63017)	BXJ		Superviewer V-134, 5, 6	EJZ
	40A, 41A (serial 63018 to 64055) 40B, 41B (serial 63018 to 63929)	BXB		Superviewer V-190, 1, 2, 3	EJZ
	40A, 41A (serial 64056 & over), 40B, 41B (serial 63930 & over), 40C, 41C	BVK		Superviewer V700, 701, 702 703	EJZ
	55 Lite-Weight, 56 Envoy, 60 Triumph, 60-2, 60-4	BVK			
	EE-Arc, 60-10, 60-25, 65-4, 65-10, 65-25, 1600 Arc	BVK			
	Slide & Filmstrip			Microfilm	
	Magnascope	CGW, CEW		Show-Kit	FDT
	Victor 2	DMX		Voyager II, Micro-Kit	ERC
	Victor Hi Power	DPT, DRW		Show-Kit II	EPZ
	Viewing & Editing			Tec-Kit II	EPZ
	Victor Projecto-Editor VE-16, -1643, VKE-16	CBX		Uni-Kit II	EPZ
				Micro-Kit II	EPZ
				Docu-Kit II	EPZ
Videosonic Systems	Slide			Visual Impact Materials, Inc.	
	102B, BR, 600	CDS		Overhead	
				CIP overslide	DEL
Viewlex, Inc.	16mm Movie			Visual Instrumentation Corp.	
	Cine Sound	CZA/CZB, BRX (sound)		16mm Movie	
	Jan AQ-2, AQ-3, AQ-4, AQ-6	DFD, BSK (sound)		16N-1, 16 N-2	BHB
	Marc-300 JAN	Marc-300/16A, BSK (sound)		Vokar, Inc.	
	Super 1600, 35043, 35181	EJL, BAK (sound)		Slide & Filmstrip	
	System 16	EJL, BAK (sound)		Vokar C, D, FT	CDD, CBJ
	Slide & Filmstrip			Walter Voss, Inc.	
	Viewlex AP-1, AP-2, -3, -5, -1C, -2C	CEW, CDS		Slide & Filmstrip	
	AP-22C, -33, -55	CLS, CMV		Kinderman 300	CXK, CXY
	AP-7CT, Viewmatic	DDB, CZX, CXK		Kindermann Esquire 500	CZX, CXY
	AVS-10A	EJZ		WSI	
	V-2, V-3, -4, -5, WR-2, -3, -4	CGP		Microfilm Reader	
	V-2C, V-4S, WR-23	CGP		Informant I, II	
	V-8, -8R	CAR		(Internal Battery ENL)	EPV
	V-22, -22C, -33, -44, -44S, V-53, VT-22, VTA-22R, WR- 22C, WR-33	CLX, CCM		Northstar I, -II	DZE/FDS
	V-25-P, -35, -45, -500	CZX, CXY		RH, RM, C, CO	1143
	V-25 Lumen Master	CAL, CZA, CWA		MF	1940
	V-83A, V-83R	CAL		OS	1195
	V-85	BCK		Mini-Cat All Models	ELD/EJN
	Projectomatic 300	CLX, CCM		Normandale ND	DZE/FDS
	Project-O-Matic 500, Power- matic, Instruct-O-Matic	EDK		Renaissance	FCR
	V-25P, -500P, -45P, VH-25, VHA-25R	DAK*, DAT/DAK		Elite I, III SR14	FHX
	V-27, VH27, VHA-27R	CWA		Elite II	DED
	WHD-25, -45, WV-500	DAK*, DAT/DAK		Microvision II	245
	WRA-22	CLX, CCM		Walsh Brothers Co.	
	V802, V803	CAR, DFF		Slide & Filmstrip	
	V832, V833	CAL		Adslide B	CFY, CEG
	V852, V853	CZA		Weber Machine Corp.	
	V832L, V833L	CRT		35mm Movie	
	Language Station, Preview Sr., Table Talk, Sight & Sound, Viewtape	CBJ, CAS BXT (12V) CDD (120V) CJW (230V)		Syncrofilm E, H	DSB, 7.5A/T8SC (sound)
	BOP			Webster Co.	
				Slide & Filmstrip	
				Projecto-Sell AP-26, 32, 42, 45	CEW, CDS, CBJ CVS, CTL
				Projecto-Sell AP-75, 78	
				Weimet Film Co., Inc.	
				Slide & Filmstrip	
				Weimet	CBJ, CBX
				Weimet A DeLuxe	CGP
				Wenzel Projector Co.	
				16mm Movie	
				Ace	DFD, DDB, 4A/T8/25 (sound)
				Western Reserve Electronics	
				Microfilm Reader	
				Smarte III, IV-D, IVS	EMC
				David White Instrument Co. (See Realist, Inc.)	
				Whitehouse Products, Inc.	
				Filmstrip	
				FS-250	BLC
				FS100, FS150	BLC
				FS105, -X, FS155, -x	#1156
				Willoughbys	
				Slide & Filmstrip	
				Zett	CDS

† Proper base depends on type of socket in lamp house. *For longer life, substitute DAY/DAK for projectors requiring the discontinued DAK.

GE PROJECTION LAMPS

PROJECTION LAMP—EQUIPMENT GUIDE

MANUFACTURER	TYPE & MODEL	LAMP CODE	
H. Wilson Corp.	Overhead		
	1200	DYS/DYV	
	2200, 2200B, 2200C	FAD, DWY	
	2200E, 2200W	EKD, DYS/DYV	
		DYJ, DYR	
	2300	BVE	
	2400	DYS/DYV	
	Centurion 2000	ENX	
	Wollensak Optical Co. (See Reverse)	8mm Movie	
		Wollensak 715, AZ-715,	
P-715, 18		DDW, DDB, CZX	
AP-818, AZ-818		DEF	
16mm Movie			
Wollensak 65, P-65		CZX, DDB, DDW	
Slide & Filmstrip			
Wollensak 815		CZX, CXY	
835		CZA/CZB	
Xerox		Microfilm	
	1212 (Bright)	FCR	
	340	ELD/EJN	
	3332, 3334, 3335	EKX	
	Cheshire 740	EPX	
Yashica	8mm Movie		
	8P3-RS	CXR/CXL	
	8P2	DLS	
	P-810, P-820	EFP	

MANUFACTURER	TYPE & MODEL	LAMP CODE
Yelco	8mm Movie	
	DS-630MS	EFP
	DS-810MT	EFR
Zeiss Ikon—Voigtlander	8mm Movie	
	Movilux S-8, DS-8	FCR
	Movilux 8A, B, R	CXR/CXL
	P890, P809	EFR
	18-9, SP8, P880	EFP
	Slide	
	Ikolux AJ24	FCS
	Perkeo Automat, AF, J-150 ..	FCS
	Perkeo Automat J	FCR
	Zeiss P-500	FCS
P-510 Automat	FCS	
Opaque		
P-502	FCR	
Film Viewer		
Zeiss Moviscope 16mm	25S6SC	
Zuetschel	Microfilm	
	250	EPZ
Zytror Corp.		
	NM1-90	ELD/EJN or EKE

NOTES



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 Ottley Drive, N.E. P.O. Box 14529	30376			120 Ottley Drive, N.E. P.O. Box 14529	30376	(404)	897-2800
	Commercial & Industrial		(404)	897-2872				
	Consumer Products		(404)	897-2850				
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. P.O. Box 34144	28208	(704)	376-6585	1001 Tuckaseegee Rd. P.O. Box 34144	28234	(704)	376-6585
		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., 9403 Kenwood Road	45242			49 Central Avenue	45202	(513)	559-3600
	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. 53218	53201	(414)	462-3860	8100 West Florist Ave. 53218	53201	(414)	462-3860
MINNEAPOLIS, MINN.	8501 54th Avenue, No., New Hope, Minn.	55428			8501 54th Avenue, No. P.O. Box 1278	55440	(612)	535-5151
NEWARK, N.J.	6 Vreeland Road, Florham Park, N.J.	07932			133 Boyd Street	07101	(201)	622-8000
	Commercial & Industrial		(201)	966-5400				
	Consumer Products		(201)	966-5400				
NEW HAVEN, CONN.	145 Orange Ave., West Haven, Conn.	06516	(203)	932-2274	N.Y. Distr. Ctr., 75-11 Woodhaven Blvd., Glendale N.Y.	11227	(212)	896-6000
NEW ORLEANS, LA.	701 Edward Ave., Harahan, LA	70123			Mail: P.O. Box 10236, Jefferson, LA	70181	(504)	733-9200
	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.	26-45 Brooklyn Queens Expway, Woodside, N.Y.	11377	(212)	896-6000	26-45 Brooklyn Queens Expway, Woodside, N.Y.	11377	(212)	896-6000
OAKLAND, CALIF.	999—98th Avenue 94603 P.O. Box 24354	94623			999—98th Avenue 94603. P.O. Box 24354	94623	(415)	436-9433
	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)	964-2900
PITTSBURGH, PA.	600 N. Bell Avenue, Carnegie, Pa.	15106			575 Epsilon Dr. P.O. Box 2801	15230	(412)	963-9141
		15230						
	Commercial & Industrial		(412)	566-4300				
	Consumer Products		(412)	566-4307				
PORTLAND, ORE.	4930 Third Ave. So. P.O. Box 3877	98124			Portland Distr. Ctr., 2800 N. W. Nela Street	97210	(503)	221-5120
	Commercial & Industrial		(206)	292-7914				
	Consumer Products		(206)	292-6838				
RICHMOND, VA.	2015 Staples Mill Rd., Room 425	23230	(804)	355-3289	Baltimore Distr. Ctr.—P.O. Box 7427, Baltimore, Md.	21227	(301)	242-5700
SALT LAKE CITY, UTAH	1606 Empire Rd. P.O. Box 26237	84126	(801)	974-4511	1606 Empire Rd., Mail: P.O. Box 26237	84126	(801)	974-4505
SEATTLE, WASH.	4930 Third Avenue South P.O. Box 3877	98124			4930 Third Avenue South P.O. Box 3877	98124	(206)	292-7891
	Commercial & Industrial		(206)	292-7914				
	Consumer Products		(206)	292-6838				
ST. LOUIS, MO.	1530 Fairview Avenue	63132	(314)	997-8413	1530 Fairview Avenue	63132	(314)	997-8413
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. 33617 P.O. Box 16626	33687	(813)	988-7351	11101 North 46th St. 33617 P.O. Box 16626	33687	(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.	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

