

G-E ELECTRONIC FLASHTUBES

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 bluish light makes excellent pictures on black and white film as well as on daylight type color materials.

G-E LOW VOLTAGE WAFER BASE FLASHTUBES. These lamps provide maximum efficiency with lowest over-all cost for lightweight, battery operated portable strobe units. The wafer base is designed to crimp into the reflector . . . positioning the lamp precisely and eliminating a socket. They are ruggedly mounted to the wafer base at three points for added strength.

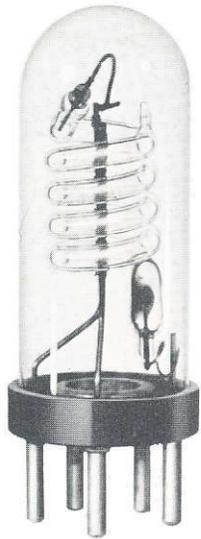
G-E LOW VOLTAGE PLUG-IN FLASHTUBES. These lamps are primarily designed for professional units where easy replacement is required. They feature the same high efficiency helixes as the wafer base lamps, but are mounted on a radio type, four-pin base and have a protective glass cover.

G-E LOW VOLTAGE STUDIO FLASHTUBES. These lamps are primarily designed for studio equipment. Their low voltage design, which permits a lower cost power supply, provides a moderately fast flash duration with plenty of light. For example, FT-306 flashes up to 800 watt-seconds and FT-506 up to 1000 watt-seconds.

G-E HIGH VOLTAGE STUDIO FLASHTUBES. For many years these tubes have been the standard for studio strobe units. They feature intense light of very short duration and the modeling light (inside the flashtube helix) allows exact positioning of lights prior to exposure. Although the appearance of these lamps are similar, the FT-503 has a quartz helix which withstands higher energy loadings.



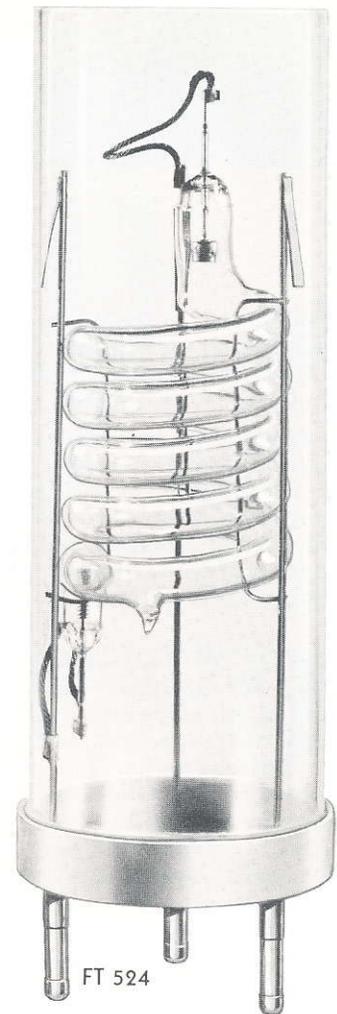
G-E ELECTRONIC FLASHTUBES CONT.



FT 214



FT 220



FT 524

GENERAL PURPOSE FLASHTUBES.

The G-E FT-214 and FT-220 are general purpose 2000-volt design lamps. They are high voltage lamps ideally suited for laboratory or other experimental applications . . . the FT-214 may be used with or without a reflector while the FT-220 has a highly efficient built-in reflector, making it easy to mount and use.

General Electric also has a line of special purpose flashtubes. The FT-524 is typical since it is designed for air cooling at fast flash frequencies. It is also used for very bright signal lights and stroboscopes. Other flashtubes are available for special "photographic" or "non-photographic" applications. For further information write: Photo Lamp Department General Electric Company Nela Park Cleveland 12, Ohio.

SPECIFICATIONS

Order Abbrev.	Design Voltage	Max. Watt Sec.	Approx. Lumen Sec. @ Max. Watt Sec.	Outer Bulb	Base	Approx. Source Dimensions Inches		L.C.L. ④ Inches	M.O.L. ⑤ Inches	Max. Continuous Flash Rate @ Max. Watt Sec. ③
						Width	Height			
FT 106	300	50	1,400	None ①	1 1/8" Dia. Disc with 3 Pins	5/8	5/8	1 7/16	2 5/8	2 per min.
FT 110	900	100	4,400	None ①	②	7/8	1 3/8	1 5/8	2 1/2	1 per min.
FT 118	450	125	5,000	None ①	②	3/4	3/4	1 5/8	2 1/2	1 per min.
FT 120	450	125	4,500	None ①	②	3/4	3/4	1 3/4	2 3/4	1 per min.
FT 214	2,000	200	7,000	T-12 1/2	Giant 5-Pin	1 1/8	1 5/8	2	3 1/8	2 per min.
FT 217	900	200	9,000	T-10	Radio 4-pin	7/8	7/8	1 3/4	2 3/4	1 per min.
FT 218	900	200	10,000	None ①	②	7/8	7/8	1 5/8	2 1/2	1 per min.
FT 220	2,000	200	7,000 candle power sec.	PAR 46 ③	3-Screw Term.	3 1/2	2 per min.
FT 221	900	200	9,000	T-10 ③	Radio 4-Pin	7/8	7/8	1 3/4	2 3/4	1 per min.
FT 306	900	800	32,000	T-18IF	Large 3-Pin	1 7/8	1 1/4	3	5 3/8	2 per min.
FT 403	2,000	500	20,000	T-18IF	Large 3-Pin	1 7/8	2 3/8	3	6 3/4	1 per min.
FT 503	4,000	2,000 ④	100,000	T-18IF ③	Large 3-Pin	1 7/8	2 3/8	3	6 3/4	1 per min.
FT 506	900	1,000	40,000	T-10 ③	Radio Octal	1	1	2 1/8	4 7/8	1 per min.
FT 524	4,000	2,000 ④	100,000	T-18	Large 3-Pin	1 7/8	2 3/8	3 1/2	7

① This flashtube is intended for use only in covered reflectors or housings designed to provide complete protection to the user from contact with high voltage.

② 1 3/8" diameter insulating disk with 3 pins.

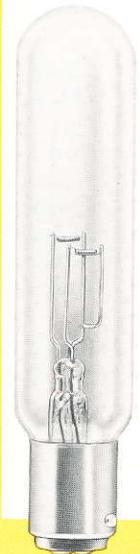
③ Heat resistant glass bulb.

④ With modeling lamp removed, this flashtube may be operated at loadings

up to 3200 watt-seconds at design voltage with increased blackening and reduced life. At all loadings of 1000-seconds or more, approximately 0.5 millihenries must be used in series with the discharge side of each 100 microfarad group of capacitors.

⑤ At reduced watt-second inputs flash frequency can be increased.

⑥ Measured from plane of base (excluding pins or lugs).



EAJ

Lamp Code	Order Abbreviation	Volts	Watts	Bulb	Base	Filament	Rated Average Life Hrs.	M.O.L. Inches	L.C.L. Inches	Carton-Case Quantity
EAD	PH/60T6 1/2 /1	Std.	60	T-6 1/2	D.C. Bay. ①	C-8	100	4	2 1/2	1-24
EAK	PH/100T6 1/2	Std.	100	T-6 1/2	D.C. Bay. ②	CC-8	50	4	2 1/2	1-24
EAJ	EAJ	12/12	25/35	T-6 1/2	D.C. Bay. ④	C-6/C-6 ③	50	4	1 11/16 1 3/4	1-24

① For use only with FT-403 or FT306 flashtubes.

② For use only with FT-503 flashtube.

③ Dual filament.

④ For use with FT306 only.