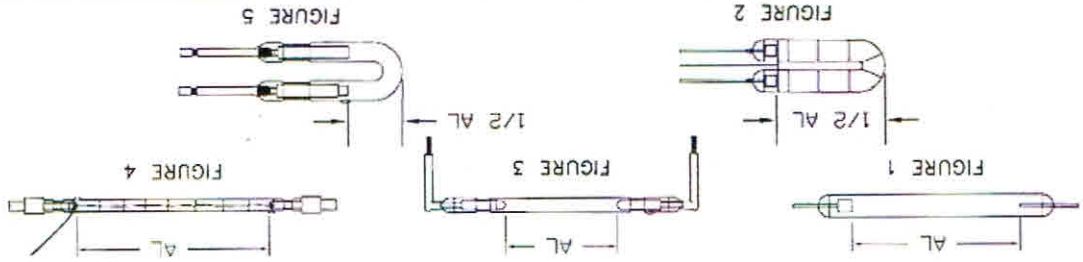
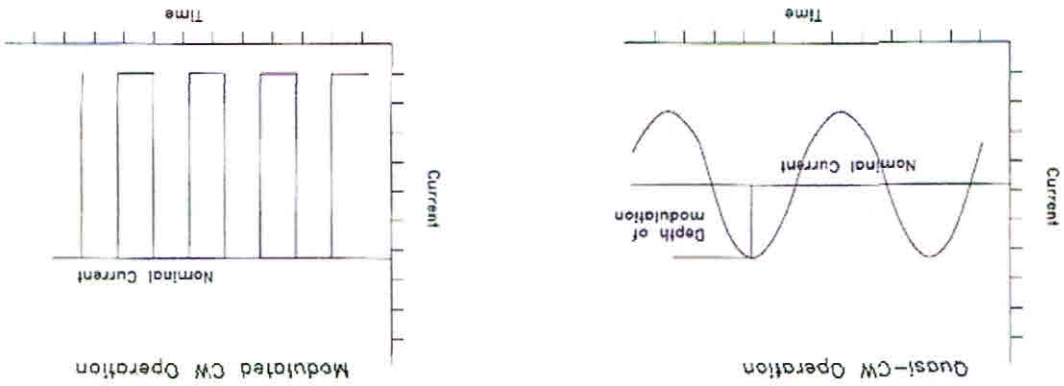


ITEM	FIGURE	ARC (AL) LENGTH (mm)	LD.O.D. (mm)	PULSE ENERGY	LIFETIME	PRIMARY TRIGGER VOLTAGE	RECOMMENDED TRIGGER COIL	COOLING MATERIAL	ENVELOPE MATERIAL
A	1	25	3/4	25	5K	200	VF11	CONV.	HARD
B	1	30	4/5	14	200K	200	VE11	CONV.	C03
C	1	58	4/6	80	10<	225	VE11	AIR	HARD
D	2	90	8/10	1000	10<	225	VE11	AIR	C03
E	3	50	4/5	400	150K	250	VE20	WATER	C03
F	3	50	5/7	500	100K	250	VE20	WATER	C03
G	3	84	8/9	750	100K	225	VE20	WATER	C03
H	3	96	5/6	1000	100K	300	VE20	WATER	C03
I	4	100	6/8	1250	150K	300	VE20	WATER	SYN. QUARTZ
J	5	25	5/7	175	250K	220	VE20	WATER	C00
K	5	56	6/8	230	250K	225	VE20	WATER	C00

ITEM	FIGURE	ARC (AL) LENGTH (mm)	LD.O.D. (mm)	PULSE ENERGY	LIFETIME	PRIMARY TRIGGER VOLTAGE	RECOMMENDED TRIGGER COIL	COOLING MATERIAL	ENVELOPE MATERIAL
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LAMPS FOR IPL™ AESTHETIC / MEDICAL APPLICATIONS



- NOTES
- 1) TRADITIONALLY KRYPTON ARC LAMPS HAVE OPERATED FROM A CONSTANT CURRENT OR FIXED POWER SUPPLY. MORE RECENTLY CW LAMPS HAVE EXPANDED THEIR USE IN APPLICATIONS INCORPORATING MODULATED CW AND QUASI-CW OPERATION (SEE REFERENCE DIAGRAMS BELOW) IN MODULATED CW A LAMP ALTERNATES BETWEEN A SIMMER CURRENT AND A PEAK CURRENT TYPICALLY AT THE DURATION OF A FEW MILLISECONDS. IN QUASI CW THE DRIVE CURRENT IS SINUSOIDAL WHEREBY THE LINE (MAIN) FREQUENCY IS UTILIZED. LAMP VOLTAGE IS DEPENDANT ON A VARIETY OF INFLUENCES SUCH AS OPERATING CURRENT, ENVELOPE BORE, ARC LENGTH, GAS PRESSURE AND DEAD VOLUME AREA.
 - 2) KRYPTON ARC LAMPS ARE POSITIVE PRESSURE DEVICES GENERALLY RANGING FROM 4 TO 8 ATMOSPHERES DICATED BY A DESIRED OPERATING VOLTAGE.
 - 3) HIGH PURITY FUSED QUARTZ ENVELOPES ARE USED, HOWEVER SOME CERIUM DOPED DESIGNS ARE UTILIZED.
 - 4) LAMPS OPERATED AS AC LAMPS ARE NON-POLARIZED AND OFTEN SPECIFIED WITH XENON RATHER THAN KRYPTON GAS.

C	4	99	167	167	20	200	4000	10	N/A
D	4	149	223	223	20	290	5800	14.5	N/A
E	5	50	154	154	30	86	2600	2.87	N/A
F	5	84	145	175	30	135	4650	5.17	N/A
G	5	102	160	194	30	180	5400	6.00	N/A
H	5	121	223	223	30	240	7200	8.00	N/A
I	6	101	165	200	35	175	6125	5.00	N/A
J	6	170	255	377	40	255	10200	6.38	N/A
K	4	110	177	321	20	A.C.	4500	N/A	N/A
L	5	160	225	400	30	A.C.	6500	N/A	N/A
M	6	280	347	502	45	A.C.	1000	N/A	N/A

CONSIDERATIONS
 1) ALL DIMENSIONS ARE IN MILLIMETERS (MM).
 2) TYPICAL PULSE WIDTHS (3-10MS) ARE UTILIZED IN VARIABLE BURST OPERATION.
 3) SPECIFY IF LAMP WILL BE SIMMERED AND ADVISE SIMMER VOLTAGE / CURRENT.
 4) LAMPS WITH EXTERNAL XENON LAMPER IGNITION ARE ALSO AVAILABLE.