

SINGLE ELEMENT LAMPS

	PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	W/LENGTH PRINCIPAL	W/LENGTH ALTERNATE	SENSITIVITY REDUCTION	PERKIN ELMER LEADOUT
ALUMINIUM Al	3UNX/Al	37mm Standard	Ne	UV Glass	10	8	309.3	394.4	2.0 x	C
	3UNX/Al-V	37mm Varian Coded	Ne	UV Glass				396.2	1.2 x	
	3UNX/Al-U	37mm Unicam Coded	Ne	UV Glass				308.2	1.5 x	
	3UNX/Al-SH	37mm Self Reversal	Ne	UV Glass						
	5UN/Al	50mm Standard	Ne	UV Glass	30	25	309.3			
	5UN/Al-P	50mm Perkin Elmer Coded	Ne	UV Glass						
ANTIMONY Sb	3QNY/Sb	37mm Standard	Ne	Quartz	15	12	217.6	231.1	2.0 x	D
	3QNY/Sb-V	37mm Varian Coded	Ne	Quartz				206.8	1.5 x	
	3QNY/Sb-U	37mm Unicam Coded	Ne	Quartz						
	3QNY/Sb-SH	37mm Self Reversal	Ne	Quartz						
	5QN/Sb	50mm Standard	Ne	Quartz	25	20	217.6			
	5QN/Sb-P	50mm Perkin Elmer Coded	Ne	Quartz						
ARSENIC As	3QNY/As	37mm Standard	Ne	Quartz	12	10	193.7	197.2	2.0 x	C
	3QNY/As-V	37mm Varian Coded	Ne	Quartz						
	3QNY/As-U	37mm Unicam Coded	Ne	Quartz						
	3QNY/As-SH	37mm Self Reversal	Ne	Quartz						
	5QN/As	50mm Standard	Ne	Quartz	18	18	193.7			
	5QN/As-P	50mm Perkin Elmer Coded	Ne	Quartz						
BARIUM Ba	3BAX/Ba	37mm Standard	Ar	Borosilicate	15	12	553.5	350.1	12 x	C
	3BAX/Ba-V	37mm Varian Coded	Ar	Borosilicate				455.4	5 x	
	3BAX/Ba-U	37mm Unicam Coded	Ar	Borosilicate						
	3BAX/Ba-SH	37mm Self Reversal	Ar	Borosilicate						
	5BA/Ba	50mm Standard	Ar	Borosilicate	30	25	553.5			
	5BA/Ba-P	50mm Perkin Elmer Coded	Ar	Borosilicate						
BERYLLIUM Be	3QNY/Be	37mm Standard	Ne	Quartz	15	12	234.9	–		D
	3QNY/Be-V	37mm Varian Coded	Ne	Quartz						
	3QNY/Be-U	37mm Unicam Coded	Ne	Quartz						
	3QNY/Be-SH	37mm Self Reversal	Ne	Quartz						
	5QN/Be	50mm Standard	Ne	Quartz	30	20	234.9	–		
	5QN/Be-P	50mm Perkin Elmer Coded	Ne	Quartz						
BISMUTH Bi	3QNY/Bi	37mm Standard	Ne	Quartz	12	10	223.1	306.8	3.5 x	B
	3QNY/Bi-V	37mm Varian Coded	Ne	Quartz				222.8	2.2 x	
	3QNY/Bi-U	37mm Unicam Coded	Ne	Quartz				206.2	8.0 x	
	3QNY/Bi-SH	37mm Self Reversal	Ne	Quartz				227.7	14 x	
	5QN/Bi	50mm Standard	Ne	Quartz	15	12	223.1	202.1	70 x	
	5QN/Bi-P	50mm Perkin Elmer Coded	Ne	Quartz						
BORON B	3UNX/B	37mm Standard	Ne	UV Glass	15	12	249.8	–		D
	3UNX/B-V	37mm Varian Coded	Ne	UV Glass						
	3UNX/B-U	37mm Unicam Coded	Ne	UV Glass						
	3UNX/B-SH	37mm Self Reversal	Ne	UV Glass						
	5UN/B	50mm Standard	Ne	UV Glass	30	25	249.8	–		
	5UN/B-P	50mm Perkin Elmer Coded	Ne	UV Glass						
CADMIUM Cd	3QNY/Cd	37mm Standard	Ne	Quartz	8	6	228.8	326.1	500 x	C
	3QNY/Cd-V	37mm Varian Coded	Ne	Quartz						
	3QNY/Cd-U	37mm Unicam Coded	Ne	Quartz						
	3QNY/Cd-SH	37mm Self Reversal	Ne	Quartz						
	5QN/Cd	50mm Standard	Ne	Quartz	10	6	228.8			
	5QN/Cd-P	50mm Perkin Elmer Coded	Ne	Quartz						

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CAESIUM									
3BNX/Cs	37mm Standard	Ne	Borosilicate	10	8	852.1	455.5	130 x	B
3BNX/Cs-V	37mm Varian Coded	Ne	Borosilicate						
3BNX/Cs-U	37mm Unicam Coded	Ne	Borosilicate						
3BNX/Cs-SH	37mm Self Reversal	Ne	Borosilicate						
5BN/Cs	50mm Standard	Ne	Borosilicate	10	8	852.1			
5BN/Cs-P	50mm Perkin Elmer Coded	Ne	Borosilicate						
CALCIUM									
3UNX/Ca	37mm Standard	Ne	UV Glass	6	5	422.7	-		C
3UNX/Ca-V	37mm Varian Coded	Ne	UV Glass						
3UNX/Ca-U	37mm Unicam Coded	Ne	UV Glass						
3UNX/Ca-SH	37mm Self Reversal	Ne	UV Glass						
5UN/Ca	50mm Standard	Ne	UV Glass	10	8	422.7	-		
5UN/Ca-P	50mm Perkin Elmer Coded	Ne	UV Glass						
CERIUM									
3UNX/Ce	37mm Standard	Ne	UV Glass	15	15	520.0	569.7		C
3UNX/Ce-V	37mm Varian Coded	Ne	UV Glass						
3UNX/Ce-U	37mm Unicam Coded	Ne	UV Glass						
5UN/Ce	50mm Standard	Ne	UV Glass	20	20	520.0			
CHROMIUM									
3UNX/Cr	37mm Standard	Ne	UV Glass	12	10	357.9	429.0	6 x	C
3UNX/Cr-V	37mm Varian Coded	Ne	UV Glass				359.4	1.5 x	
3UNX/Cr-U	37mm Unicam Coded	Ne	UV Glass				360.3	3 x	
3UNX/Cr-SH	37mm Self Reversal	Ne	UV Glass				425.4	4 x	
5UN/Cr	50mm Standard	Ne	UV Glass	12	10	357.9			
5UN/Cr-P	50mm Perkin Elmer Coded	Ne	UV Glass						
COBALT									
3UNX/Co	37mm Standard	Ne	UV Glass	15	12	240.7	304.4	8 x	D
3UNX/Co-V	37mm Varian Coded	Ne	UV Glass				242.5	1.2 x	
3UNX/Co-U	37mm Unicam Coded	Ne	UV Glass				241.2	2 x	
3UNX/Co-SH	37mm Self Reversal	Ne	UV Glass				252.1	6 x	
5UN/Co	50mm Standard	Ne	UV Glass	40	30	240.7	243.6	6 x	
5UN/Co-P	50mm Perkin Elmer Coded	Ne	UV Glass						
COPPER									
3UNX/Cu	37mm Standard	Ne	UV Glass	5	4	324.8	327.4	2 x	C
3UNX/Cu-V	37mm Varian Coded	Ne	UV Glass				217.9	4 x	
3UNX/Cu-U	37mm Unicam Coded	Ne	UV Glass				216.5	6 x	
3UNX/Cu-SH	37mm Self Reversal	Ne	UV Glass				222.6	20 x	
5UN/Cu	50mm Standard	Ne	UV Glass	20	15	324.8	249.2	100 x	
5UN/Cu-P	50mm Perkin Elmer Coded	Ne	UV Glass				244.2	300 x	
DYSPROSIUM									
3BNX/Dy	37mm Standard	Ne	Borosilicate	15	12	421.2	416.8	10 x	C
3BNX/Dy-V	37mm Varian Coded	Ne	Borosilicate				404.6	1.2 x	
3BNX/Dy-U	37mm Unicam Coded	Ne	Borosilicate				418.7	1.4 x	
5BN/Dy	50mm Standard	Ne	Borosilicate	30	25	421.2	419.5	1.6 x	
5BN/Dy-P	50mm Perkin Elmer Coded	Ne	Borosilicate						
ERBIUM									
3BNX/Er	37mm Standard	Ne	Borosilicate	15	12	400.8	408.8	7 x	C
3BNX/Er-V	37mm Varian Coded	Ne	Borosilicate				386.3	1.5 x	
3BNX/Er-U	37mm Unicam Coded	Ne	Borosilicate				415.1	1.7 x	
5BN/Er	50mm Standard	Ne	Borosilicate	30	25	400.8	389.3	4 x	
5BN/Er-P	50mm Perkin Elmer Coded	Ne	Borosilicate				393.7	8 x	

CAESIUM

Cs

CALCIUM

Ca

CERIUM

Ce

CHROMIUM

Cr

COBALT

Co

COPPER

Cu

DYSPROSIUM

Dy

ERBIUM

Er

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EUROPIUM									
3BAX/Eu	37mm Standard	Ar	Borosilicate	12	10	459.4	333.4	11 x	B
3BAX/Eu-V	37mm Varian Coded						462.7	1.5 x	
3BAX/Eu-U	37mm Unicam Coded						466.2	1.5 x	
5BA/Eu	50mm Standard			30	25	459.4	321.1	8 x	
5BA/Eu-P	50mm Perkin Elmer Coded						311.1	11 x	
GADOLINIUM									
3UNX/Gd	37mm Standard	Ne	UV Glass	15	12	368.4	419.1	2.5 x	B
3UNX/Gd-V	37mm Varian Coded						368.4	1.2 x	
3UNX/Gd-U	37mm Unicam Coded						478.3	1.2 x	
5UN/Gd	50mm Standard		UV Glass	30	25	368.4	405.8	1.2 x	
5UN/Gd-P	50mm Perkin Elmer Coded		UV Glass				405.5	1.5 x	
GALLIUM									
3UNX/Ga	37mm Standard	Ne	UV Glass	15	12	287.4	403.3	2 x	C
3UNX/Ga-V	37mm Varian Coded	Ne	UV Glass				294.4	1.1 x	
3UNX/Ga-U	37mm Unicam Coded	Ne	UV Glass				417.2	1.5 x	
3UNX/Ga-SH	37mm Self Reversal	Ne	UV Glass				250.0	9 x	
5UN/Ga	50mm Standard	Ne	UV Glass	20	15	287.4	245.0	12 x	
5UN/Ga-P	50mm Perkin Elmer Coded	Ne	UV Glass				272.0	20 x	
GERMANIUM									
3UNX/Ge	37mm Standard	Ne	UV Glass	15	12	265.2	269.1	3 x	C
3UNX/Ge-V	37mm Varian Coded	Ne	UV Glass				259.3	2 x	
3UNX/Ge-U	37mm Unicam Coded	Ne	UV Glass				271.0	2.5 x	
3UNX/Ge-SH	37mm Self Reversal	Ne	UV Glass				275.5	2.5 x	
5UN/Ge	50mm Standard	Ne	UV Glass	30	25	265.2	303.9	25 x	
5UN/Ge-P	50mm Perkin Elmer Coded	Ne	UV Glass						
GOLD									
3UNX/Au	37mm Standard	Ne	UV Glass	10	8	242.8	267.6	2 x	C
3UNX/Au-V	37mm Varian Coded	Ne	UV Glass				312.3	900 x	
3UNX/Au-U	37mm Unicam Coded	Ne	UV Glass				274.8	1100 x	
3UNX/Au-SH	37mm Self Reversal	Ne	UV Glass						
5UN/Au	50mm Standard	Ne	UV Glass	20	10	242.8			
5UN/Au-P	50mm Perkin Elmer Coded	Ne	UV Glass						
HAFNIUM									
3UAX/Hf	37mm Standard	Ar	UV Glass	15	12	307.3	295.1	8 x	C
3UAX/Hf-V	37mm Varian Coded	Ar	UV Glass				377.8	10 x	
3UAX/Hf-U	37mm Unicam Coded	Ar	UV Glass						
5UA/Hf	50mm Standard	Ar	UV Glass	30	25	307.3			
5UA/Hf-P	50mm Perkin Elmer Coded	Ar	UV Glass						
HOLMIUM									
3BNX/Ho	37mm Standard	Ne	Borosilicate	15	12	410.4	417.3	5 x	D
3BNX/Ho-V	37mm Varian Coded	Ne	Borosilicate				405.4	1.3 x	
3BNX/Ho-U	37mm Unicam Coded	Ne	Borosilicate				416.3	2 x	
5BN/Ho	50mm Standard	Ne	Borosilicate	30	25	410.4	404.1	5 x	
5BN/Ho-P	50mm Perkin Elmer Coded	Ne	Borosilicate				410.9	10 x	
INDIUM									
3UNX/In	37mm Standard	Ne	UV Glass	10	8	303.9	451.1	3 x	C
3UNX/In-V	37mm Varian Coded	Ne	UV Glass				325.6	1.1 x	
3UNX/In-U	37mm Unicam Coded	Ne	UV Glass				410.5	2.9 x	
5UN/In	50mm Standard	Ne	UV Glass	25	20	303.9	256.0	12 x	
5UN/In-P	50mm Perkin Elmer Coded	Ne	UV Glass				271.0	20 x	

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IRIDIUM									
3QNY/Ir	37mm Standard	Ne	Quartz	15	12	208.9	264.0	3 x	C
3QNY/Ir-V	37mm Varian Coded	Ne	Quartz				266.5	3.5 x	
3QNY/Ir-U	37mm Unicam Coded	Ne	Quartz				237.5	4 x	
3QNY/Ir-SH	37mm Self Reversal	Ne	Quartz				285.0	4.5 x	
5QN/Ir	50mm Standard	Ne	Quartz	30	25	208.9	250.3	5 x	
5QN/Ir-P	50mm Perkin Elmer Coded	Ne	Quartz				254.4	7 x	
IRON									
3UNX/Fe	37mm Standard	Ne	UV Glass	15	12	248.3	372.0	10 x	D
3UNX/Fe-V	37mm Varian Coded	Ne	UV Glass				248.8	2 x	
3UNX/Fe-U	37mm Unicam Coded	Ne	UV Glass				252.3	2 x	
3UNX/Fe-SH	37mm Self Reversal	Ne	UV Glass				271.9	3 x	
5UN/Fe	50mm Standard	Ne	UV Glass	30	30	248.3	302.1	4 x	
5UN/Fe-P	50mm Perkin Elmer Coded	Ne	UV Glass				296.7	11 x	
LANTHANUM									
3UAX/La	37mm Standard	Ar	UV Glass	15	12	550.1	418.7	1.5 x	B
3UAX/La-V	37mm Varian Coded	Ar	UV Glass				365.0	7 x	
3UAX/La-U	37mm Unicam Coded	Ar	UV Glass				392.8	7 x	
3UAX/La-SH	37mm Self Reversal	Ar	UV Glass				403.7	7 x	
5UA/La	50mm Standard	Ar	UV Glass	30	25	550.1	407.9	7 x	
5UA/La-P	50mm Perkin Elmer Coded	Ar	UV Glass						
LEAD									
3QNY/Pb	37mm Standard	Ne	Quartz	10	8	217.0	283.3	2.5 x	C
3QNY/Pb-V	37mm Varian Coded	Ne	Quartz				261.4	40 x	
3QNY/Pb-U	37mm Unicam Coded	Ne	Quartz				368.4	100 x	
3QNY/Pb-SH	37mm Self Reversal	Ne	Quartz						
5QN/Pb	50mm Standard	Ne	Quartz	15	12	217.0			
5QN/Pb-P	50mm Perkin Elmer Coded	Ne	Quartz						
LITHIUM									
3BAX/Li	37mm Standard	Ar	Borosilicate	10	8	670.8	323.3	250 x	C
3BAX/Li-V	37mm Varian Coded	Ar	Borosilicate				610.4	3400 x	
3BAX/Li-U	37mm Unicam Coded	Ar	Borosilicate						
3BAX/Li-SH	37mm Self Reversal	Ar	Borosilicate						
5BA/Li	50mm Standard	Ar	Borosilicate	20	15	670.8			
5BA/Li-P	50mm Perkin Elmer Coded	Ar	Borosilicate						
LUTETIUM									
3UAX/Lu	37mm Standard	Ar	UV Glass	8	6	336.0	337.7	2.2 x	D
3UAX/Lu-V	37mm Varian Coded	Ar	UV Glass				331.2	2.0 x	
3UAX/Lu-U	37mm Unicam Coded	Ar	UV Glass				356.8	2.0 x	
5UA/Lu	50mm Standard	Ar	UV Glass	20	15	336.0	298.9	10 x	
MAGNESIUM									
3QNY/Mg	37mm Standard	Ne	Quartz	6	5	285.2	202.6	40 x	B
3QNY/Mg-V	37mm Varian Coded	Ne	Quartz				279.6	100 x	
3QNY/Mg-U	37mm Unicam Coded	Ne	Quartz						
3QNY/Mg-SH	37mm Self Reversal	Ne	Quartz						
5QN/Mg	50mm Standard	Ne	Quartz	10	6	285.2			
5QN/Mg-P	50mm Perkin Elmer Coded	Ne	Quartz						
MANGANESE									
3UNX/Mn	37mm Standard	Ne	UV Glass	12	10	279.5	403.0	10 x	D
3UNX/Mn-V	37mm Varian Coded	Ne	UV Glass				279.8	1.3 x	
3UNX/Mn-U	37mm Unicam Coded	Ne	UV Glass				280.1	2 x	
3UNX/Mn-SH	37mm Self Reversal	Ne	UV Glass				321.7	2000 x	
5UN/Mn	50mm Standard	Ne	UV Glass	30	20	279.5			
5UN/Mn-P	50mm Perkin Elmer Coded	Ne	UV Glass						

IRIDIUM

Ir

IRON

Fe

LANTHANUM

La

LEAD

Pb

LITHIUM

Li

LUTETIUM

Lu

MAGNESIUM

Mg

MANGANESE

Mn

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MERCURY Hg	3UNX/Hg	37mm Standard	Ne	UV Glass	6	5	253.6		D	
	3UNX/Hg-V	37mm Varian Coded	Ne	UV Glass						
	3UNX/Hg-U	37mm Unicam Coded	Ne	UV Glass						
	5UN/Hg	50mm Standard	Ne	UV Glass	8	6	253.6			
	5UN/Hg-P	50mm Perkin Elmer Coded	Ne	UV Glass						
MOLYBDENUM Mo	3UNX/Mo	37mm Standard	Ne	UV Glass	15	12	313.3	390.1	3.8 x	C
	3UNX/Mo-V	37mm Varian Coded	Ne	UV Glass				317.0	1.5 x	
	3UNX/Mo-U	37mm Unicam Coded	Ne	UV Glass				379.8	1.8 x	
	3UNX/Mo-SH	37mm Self Reversal	Ne	UV Glass				319.4	2.0 x	
	5UN/Mo	50mm Standard	Ne	UV Glass	40	30	313.3	386.4	2.2 x	
	5UN/Mo-P	50mm Perkin Elmer Coded	Ne	UV Glass				315.8	4.0 x	
NEODYMIUM Nd	3BNX/Nd	37mm Standard	Ne	Borosilicate	15	12	492.5	490.2	3.2 x	D
	3BNX/Nd-V	37mm Varian Coded	Ne	Borosilicate				463.4	1.3 x	
	3BNX/Nd-U	37mm Unicam Coded	Ne	Borosilicate				471.9	2.0 x	
	5BN/Nd	50mm Standard	Ne	Borosilicate	30	25	492.5	489.7	2.0 x	
	5BN/Nd-P	50mm Perkin Elmer Coded	Ne	Borosilicate						
NICKEL Ni	3QNY/Ni	37mm Standard	Ne	Quartz	15	12	232.0	305.1	4 x	D
	3QNY/Ni-V	37mm Varian Coded	Ne	Quartz				231.1	2 x	
	3QNY/Ni-U	37mm Unicam Coded	Ne	Quartz				341.5	2 x	
	3QNY/Ni-SH	37mm Self Reversal	Ne	Quartz				234.6	4 x	
	5QN/Ni	50mm Standard	Ne	Quartz	30	25	232.0	346.2	8 x	
5QN/Ni-P	50mm Perkin Elmer Coded	Ne	Quartz				351.5	12 x		
NIOBIUM Nb	3UAX/Nb	37mm Standard	Ar	UV Glass	15	12	334.4	358.0	1.1 x	D
	3UAX/Nb-V	37mm Varian Coded	Ar	UV Glass				405.9	1.1 x	
	3UAX/Nb-U	37mm Unicam Coded	Ar	UV Glass				334.9	1.2 x	
	5UA/Nb	50mm Standard	Ar	UV Glass	40	40	334.4	408.0	1.4 x	
	5UA/Nb-P	50mm Perkin Elmer Coded	Ar	UV Glass				335.8	1.5 x	
OSMIUM Os	3UNX/Os	37mm Standard	Ne	UV Glass	10	8	290.9	301.8	2.6 x	C
	3UNX/Os-V	37mm Varian Coded	Ne	UV Glass				305.9	2.0 x	
	3UNX/Os-U	37mm Unicam Coded	Ne	UV Glass				426.1	2.6 x	
	3UNX/Os-SH	37mm Self Reversal	Ne	UV Glass						
	5UN/Os	50mm Standard	Ne	UV Glass	10	8	290.9			
5UN/Os-P	50mm Perkin Elmer Coded	Ne	UV Glass							
PALLADIUM Pd	3UNX/Pd	37mm Standard	Ne	UV Glass	15	12	247.6	340.5	3 x	D
	3UNX/Pd-V	37mm Varian Coded	Ne	UV Glass				276.3	3 x	
	3UNX/Pd-U	37mm Unicam Coded	Ne	UV Glass						
	3UNX/Pd-SH	37mm Self Reversal	Ne	UV Glass						
	5UN/Pd	50mm Standard	Ne	UV Glass	25	20	247.6			
5UN/Pd-P	50mm Perkin Elmer Coded	Ne	UV Glass							
PHOSPHORUS P	3QNY/P	37mm Standard	Ne	Quartz	10	8	213.6	–		C
	3QNY/P-V	37mm Varian Coded	Ne	Quartz						
	3QNY/P-U	37mm Unicam Coded	Ne	Quartz						
	5QN/P	50mm Standard	Ne	Quartz	25	20	213.6	–		
	5QN/P-P	50mm Perkin Elmer Coded	Ne	Quartz						

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PLATINIUM									
3UNX/Pt	37mm Standard	Ne	UV Glass	15	12	265.9	299.8	6.0 x	C
3UNX/Pt-V	37mm Varian Coded	Ne	UV Glass				293.0	3.5 x	
3UNX/Pt-U	37mm Unicam Coded	Ne	UV Glass				306.5	2.0 x	
3UNX/Pt-SH	37mm Self Reversal	Ne	UV Glass				262.8	2.5 x	
5UN/Pt	50mm Standard	Ne	UV Glass	25	20	265.9	283.0	3.5 x	
5UN/Pt-P	50mm Perkin Elmer Coded	Ne	UV Glass				273.4	4.0 x	
POTASSIUM									
3BNX/K	37mm Standard	Ne	Borosilicate	8	6	766.5	404.4	200 x	C
3BNX/K-V	37mm Varian Coded	Ne	Borosilicate				769.9	2 x	
3BNX/K-U	37mm Unicam Coded	Ne	Borosilicate				407.7	200 x	
3BNX/K-SH	37mm Self Reversal	Ne	Borosilicate						
5BN/K	50mm Standard	Ne	Borosilicate	12	10	766.5			
5BN/K-P	50mm Perkin Elmer Coded	Ne	Borosilicate						
PRASEODYMIUM									
3BNX/Pr	37mm Standard	Ne	Borosilicate	15	12	495.1	492.5	2.3 x	C
3BNX/Pr-V	37mm Varian Coded	Ne	Borosilicate				513.3	1.5 x	
3BNX/Pr-U	37mm Unicam Coded	Ne	Borosilicate				473.7	2.3 x	
5BN/Pr	50mm Standard	Ne	Borosilicate	30	25	495.1	502.7	2.5 x	
5BN/Pr-P	50mm Perkin Elmer Coded	Ne	Borosilicate				504.6	4.0 x	
RHENIUM									
3UAX/Re	37mm Standard	Ar	UV Glass	15	12	346.1	345.2	2.4 x	C
3UAX/Re-V	37mm Varian Coded	Ar	UV Glass				346.5	1.5 x	
3UAX/Re-U	37mm Unicam Coded	Ar	UV Glass						
3UAX/Re-SH	37mm Self Reversal	Ar	UV Glass						
5UA/Re	50mm Standard	Ar	UV Glass	30	25	346.1			
5UA/Re-P	50mm Perkin Elmer Coded	Ar	UV Glass						
RHODIUM									
3UAX/Rh	37mm Standard	Ar	UV Glass	15	12	343.5	365.8	5.0 x	D
3UAX/Rh-V	37mm Varian Coded	Ar	UV Glass				369.2	1.7 x	
3UAX/Rh-U	37mm Unicam Coded	Ar	UV Glass				339.7	2.5 x	
3UAX/Rh-SH	37mm Self Reversal	Ar	UV Glass				370.1	8.0 x	
5UA/Rh	50mm Standard	Ar	UV Glass	30	25	343.5	350.7	4.0 x	
5UA/Rh-P	50mm Perkin Elmer Coded	Ar	UV Glass				328.1	10 x	
RUBIDIUM									
3BNX/Rb	37mm Standard	Ne	Borosilicate	10	8	780.0	794.8	2.5 x	C
3BNX/Rb-V	37mm Varian Coded	Ne	Borosilicate				420.2	100 x	
3BNX/Rb-U	37mm Unicam Coded	Ne	Borosilicate				421.6	250 x	
5BN/Rb	50mm Standard	Ne	Borosilicate	10	8	780.0			
5BN/Rb-P	50mm Perkin Elmer Coded	Ne	Borosilicate						
RUTHENIUM									
3UNX/Ru	37mm Standard	Ne	UV Glass	15	12	349.9	392.6	10 x	D
3UNX/Ru-V	37mm Varian Coded	Ne	UV Glass				379.9	2 x	
3UNX/Ru-U	37mm Unicam Coded	Ne	UV Glass						
5UN/Ru	50mm Standard	Ne	UV Glass	30	25	349.9			
5UN/Ru-P	50mm Perkin Elmer Coded	Ne	UV Glass						
SAMARIUM									
3UNX/Sm	37mm Standard	Ne	UV Glass	15	12	429.7	476.0	1.4 x	D
3UNX/Sm-V	37mm Varian Coded	Ne	UV Glass				472.8	2.0 x	
3UNX/Sm-U	37mm Unicam Coded	Ne	UV Glass				520.1	1.6 x	
5UN/Sm	50mm Standard	Ne	UV Glass	30	25	429.7	478.3	2.1 x	
5UN/Sm-P	50mm Perkin Elmer Coded	Ne	UV Glass				511.7	2.4 x	

PLATINIUM

Pt

POTASSIUM

K

PRASEODYMIUM

Pr

RHENIUM

Re

RHODIUM

Rh

RUBIDIUM

Rb

RUTHENIUM

Ru

SAMARIUM

Sm

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SINGLE ELEMENT LAMPS

	PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	W/LENGTH PRINCIPAL	W/LENGTH ALTERNATE	SENSITIVITY REDUCTION	PERKIN ELMER LEADOUT
SCANDIUM Sc	3UNX/Sc	37mm Standard	Ne	UV Glass	15	12	391.2	408.2	6 x	C
	3UNX/Sc-V	37mm Varian Coded	Ne	UV Glass				390.8	1.2 x	
	3UNX/Sc-U	37mm Unicam Coded	Ne	UV Glass				402.4	1.4 x	
	5UN/Sc	50mm Standard	Ne	UV Glass	30	25	391.2	402.0	1.8 x	
	5UN/Sc-P	50mm Perkin Elmer Coded	Ne	UV Glass				327.0	4.0 x	
SELENIUM Se	3QNY/Se	37mm Standard	Ne	Quartz	15	15	196.0	204.0	3 x	C
	3QNY/Se-V	37mm Varian Coded	Ne	Quartz				206.3	12 x	
	3QNY/Se-U	37mm Unicam Coded	Ne	Quartz				207.5	50 x	
	3QNY/Se-SH	37mm Self Reversal	Ne	Quartz						
	5QN/Se	50mm Standard	Ne	Quartz	15	15	196.0			
	5QN/Se-P	50mm Perkin Elmer Coded	Ne	Quartz						
SILICON Si	3QNY/Si	37mm Standard	Ne	Quartz	15	12	251.6	250.7	2.6 x	D
	3QNY/Si-V	37mm Varian Coded	Ne	Quartz				251.4	3.4 x	
	3QNY/Si-U	37mm Unicam Coded	Ne	Quartz				252.9	3.4 x	
	3QNY/Si-SH	37mm Self Reversal	Ne	Quartz				252.4	3.8 x	
	5QN/Si	50mm Standard	Ne	Quartz	40	35	251.6	221.7	4.5 x	
	5QN/Si-P	50mm Perkin Elmer Coded	Ne	Quartz				221.1	10 x	
SILVER Ag	3UAX/Ag	37mm Standard	Ar	UV Glass	4	3	328.1	338.3	2.0 x	D
	3UAX/Ag-V	37mm Varian Coded	Ar	UV Glass						
	3UAX/Ag-U	37mm Unicam Coded	Ar	UV Glass						
	3UAX/Ag-SH	37mm Self Reversal	Ar	UV Glass						
	5UA/Ag	50mm Standard	Ar	UV Glass	10	5	328.1			
	5UA/Ag-P	50mm Perkin Elmer Coded	Ar	UV Glass						
SODIUM Na	3UNX/Na	37mm Standard	Ne	UV Glass	8	6	589.0	330.3	300 x	C
	3UNX/Na-V	37mm Varian Coded	Ne	UV Glass				589.6	2.0 x	
	3UNX/Na-U	37mm Unicam Coded	Ne	UV Glass						
	3UNX/Na-SH	37mm Self Reversal	Ne	UV Glass						
	5UN/Na	50mm Standard	Ne	UV Glass	10	8	589.0			
	5UN/Na-P	50mm Perkin Elmer Coded	Ne	UV Glass						
STRONTIUM Sr	3BAX/Sr	37mm Standard	Ar	Borosilicate	12	12	460.7	–		C
	3BAX/Sr-V	37mm Varian Coded	Ar	Borosilicate						
	3BAX/Sr-U	37mm Unicam Coded	Ar	Borosilicate						
	3BAX/Sr-SH	37mm Self Reversal	Ar	Borosilicate						
	5BA/Sr	50mm Standard	Ar	Borosilicate	20	15	460.7	–		
	5BA/Sr-P	50mm Perkin Elmer Coded	Ar	Borosilicate						
TANTALUM Ta	3UNX/Ta	37mm Standard	Ne	UV Glass	15	12	271.5	277.6	2 x	C
	3UNX/Ta-V	37mm Varian Coded	Ne	UV Glass				260.9	2 x	
	3UNX/Ta-U	37mm Unicam Coded	Ne	UV Glass				255.9	2.5 x	
	5UN/Ta	50mm Standard	Ne	UV Glass	40	30	271.5	293.4	2.8 x	
	5UN/Ta-P	50mm Perkin Elmer Coded	Ne	UV Glass				269.8	3.0 x	

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TELLURIUM									
3QNY/Te	37mm Standard	Ne	Quartz	15	15	214.3	225.9	8.0 x	B
3QNY/Te-V	37mm Varian Coded	Ne	Quartz				238.5	50 x	
3QNY/Te-U	37mm Unicam Coded	Ne	Quartz						
3QNY/Te-SH	37mm Self Reversal	Ne	Quartz						
5QN/Te	50mm Standard	Ne	Quartz	30	30	214.3			
5QN/Te-P	50mm Perkin Elmer Coded	Ne	Quartz						
TERBIUM									
3BNX/Tb	37mm Standard	Ne	Borosilicate	15	12	432.7	431.9	1.2 x	C
3BNX/Tb-V	37mm Varian Coded	Ne	Borosilicate				410.6	3.0 x	
3BNX/Tb-U	37mm Unicam Coded	Ne	Borosilicate				390.1	1.5 x	
5BN/Tb	50mm Standard	Ne	Borosilicate	30	25	432.7	406.2	1.8 x	
5BN/Tb-P	50mm Perkin Elmer Coded	Ne	Borosilicate				433.9	1.8 x	
THALLIUM									
3UNX/Tl	37mm Standard	Ne	UV Glass	10	8	276.8	377.6	2.5 x	C
3UNX/Tl-V	37mm Varian Coded	Ne	UV Glass				238.0	6.5 x	
3UNX/Tl-U	37mm Unicam Coded	Ne	UV Glass				258.0	25 x	
3UNX/Tl-SH	37mm Self Reversal	Ne	UV Glass						
5UN/Tl	50mm Standard	Ne	UV Glass	10	8	276.8			
5UN/Tl-P	50mm Perkin Elmer Coded	Ne	UV Glass						
THORIUM									
3UNX/Th	37mm Standard	Ne	UV Glass	15	15	371.9			C
5UN/Th	50mm Standard	Ne	UV Glass	25	25				
THULIUM									
3UNX/Tm	37mm Standard	Ne	UV Glass	15	12	371.8	375.2	5.0 x	C
3UNX/Tm-V	37mm Varian Coded	Ne	UV Glass				410.6	1.5 x	
3UNX/Tm-U	37mm Unicam Coded	Ne	UV Glass				374.4	1.8 x	
5UN/Tm	50mm Standard	Ne	UV Glass	30	25		409.4	1.8 x	
5UN/Tm-P	50mm Perkin Elmer Coded	Ne	UV Glass				418.8	3.0 x	
TIN									
3QNY/Sn	37mm Standard	Ne	Quartz	15	12	224.6	300.9	7 x	C
3QNY/Sn-V	37mm Varian Coded	Ne	Quartz				286.3	1.5 x	
3QNY/Sn-U	37mm Unicam Coded	Ne	Quartz				235.5	2 x	
3QNY/Sn-SH	37mm Self Reversal	Ne	Quartz				270.7	2.5 x	
5QN/Sn	50mm Standard	Ne	Quartz	30	30	224.6	303.4	3.5 x	
5QN/Sn-P	50mm Perkin Elmer Coded	Ne	Quartz				254.7	5.5 x	
TITANIUM									
3UNX/Ti	37mm Standard	Ne	UV Glass	15	12	365.4	375.3	2.0 x	C
3UNX/Ti-V	37mm Varian Coded	Ne	UV Glass				374.1	2.5 x	
3UNX/Ti-U	37mm Unicam Coded	Ne	UV Glass				399.0	2.5 x	
3UNX/Ti-SH	37mm Self Reversal	Ne	UV Glass				364.3	1.1 x	
5UN/Ti	50mm Standard	Ne	UV Glass	30	25	365.4	320.0	1.2 x	
5UN/Ti-P	50mm Perkin Elmer Coded	Ne	UV Glass				363.6	1.3 x	
TUNGSTEN									
3UNX/W	37mm Standard	Ne	UV Glass	15	12	255.1	400.9	2.5 x	C
3UNX/W-V	37mm Varian Coded	Ne	UV Glass				268.1	1.8 x	
3UNX/W-U	37mm Unicam Coded	Ne	UV Glass				272.4	1.8 x	
3UNX/W-SH	37mm Self Reversal	Ne	UV Glass				294.4	1.8 x	
5UN/W	50mm Standard	Ne	UV Glass	40	30	255.1	294.7	1.9 x	
5UN/W-P	50mm Perkin Elmer Coded	Ne	UV Glass				283.1	2.5 x	

TELLURIUM

Te

TERBIUM

Tb

THALLIUM

Tl

THORIUM

Th

THULIUM

Tm

TIN

Sn

TITANIUM

Ti

TUNGSTEN

W

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SINGLE ELEMENT LAMPS

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URANIUM U	3UAX/U	37mm Standard	Ar	UV Glass	15	15	358.5	351.5	2.5 x	C
	3UAX/U-V	37mm Varian Coded	Ar	UV Glass				358.5	0.7 x	
	3UAX/U-U	37mm Unicam Coded	Ar	UV Glass				394.4	2.5 x	
	5UA/U	50mm Standard	Ar	UV Glass	25	25	358.5	348.9	3.0 x	
	5UA/U-P	50mm Perkin Elmer Coded	Ar	UV Glass						
VANADIUM V	3UNX/V	37mm Standard	Ne	UV Glass	15	12	318.5	306.6	3.0 x	D
	3UNX/V-V	37mm Varian Coded	Ne	UV Glass				306.1	2.8 x	
	3UNX/V-U	37mm Unicam Coded	Ne	UV Glass				305.6	3.2 x	
	3UNX/V-SH	37mm Self Reversal	Ne	UV Glass				437.9	4.5 x	
	5UN/V	50mm Standard	Ne	UV Glass	40	30	318.5	320.2	6.4 x	
	5UN/V-P	50mm Perkin Elmer Coded	Ne	UV Glass				385.6	6.5 x	
YTTERBIUM Yb	3UNX/Yb	37mm Standard	Ne	UV Glass	15	12	398.8	246.4	5.0 x	D
	3UNX/Yb-V	37mm Varian Coded	Ne	UV Glass				346.5	3.0 x	
	3UNX/Yb-U	37mm Unicam Coded	Ne	UV Glass				267.2	5.0 x	
	5UN/Yb	50mm Standard	Ne	UV Glass	30	25	398.8			
	5UN/Yb-P	50mm Perkin Elmer Coded	Ne	UV Glass						
YTTRIUM Y	3BNX/Y	37mm Standard	Ne	Borosilicate	15	12	410.2	362.1	2.2 x	C
	3BNX/Y-V	37mm Varian Coded	Ne	Borosilicate				407.7	1.2 x	
	3BNX/Y-U	37mm Unicam Coded	Ne	Borosilicate				412.8	1.2 x	
	5BN/Y	50mm Standard	Ne	Borosilicate	30	25	410.2	414.8	2.2 x	
	5BN/Y-P	50mm Perkin Elmer Coded	Ne	Borosilicate						
ZINC Zn	3QNY/Zn	37mm Standard	Ne	Quartz	10	8	213.9	307.6	4000 x	D
	3QNY/Zn-V	37mm Varian Coded	Ne	Quartz						
	3QNY/Zn-U	37mm Unicam Coded	Ne	Quartz						
	3QNY/Zn-SH	37mm Self Reversal	Ne	Quartz						
	5QN/Zn	50mm Standard	Ne	Quartz	20	15	213.9			
	5QN/Zn-P	50mm Perkin Elmer Coded	Ne	Quartz						
ZIRCONIUM Zr	3UNX/Zr	37mm Standard	Ne	UV Glass	15	12	360.1	301.2	1.8 x	D
	3UNX/Zr-V	37mm Varian Coded	Ne	UV Glass				303.1	1.5 x	
	3UNX/Zr-U	37mm Unicam Coded	Ne	UV Glass				352.0	1.6 x	
	3UNX/Zr-SH	37mm Self Reversal	Ne	UV Glass				354.8	1.6 x	
	5UN/Zr	50mm Standard	Ne	UV Glass	40	30	360.1	298.5	2.0 x	
	5UN/Zr-P	50mm Perkin Elmer Coded	Ne	UV Glass						
DEUTERIUM D ₂	3QDY/D ₂	37mm Standard	D ₂	Quartz	25		Continuum			

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PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	PERKIN ELMER LEADOUT
ALUMINIUM						
3QNY/Al/Ca	37mm Standard	Ne	Quartz	10	8	C
5QN/Al/Ca	50mm Standard	Ne	Quartz	20	15	
3QNY/Al/Mg	37mm Standard	Ne	Quartz	10	8	C
3QNY/Al/Mg-U	37mm Unicam Coded	Ne	Quartz			
5QN/Al/Mg	50mm Standard	Ne	Quartz	20	15	
3QNY/Al/Si	37mm Standard	Ne	Quartz	15	12	C
3QNY/Al/Si-U	37mm Unicam Coded	Ne	Quartz			
5QN/Al/Si	50mm Standard	Ne	Quartz	20	16	
3QNY/Al/Ti	37mm Standard	Ne	Quartz	15	12	C
3QNY/Al/Ti-U	37mm Unicam Coded	Ne	Quartz			
5QN/Al/Ti	50mm Standard	Ne	Quartz	20	16	
BARIUM						
3QNY/Ba/Sr	37mm Standard	Ne	Quartz	15	12	C
3QNY/Ba/Sr-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ba/Sr	50mm Standard	Ne	Quartz	15	12	
CADMIUM						
3QNY/Cd/Zn	37mm Standard	Ne	Quartz	8	6	C
3QNY/Cd/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cd/Zn	50mm Standard	Ne	Quartz	8	6	
CALCIUM						
3QNY/Ca/Ba	37mm Standard	Ne	Quartz	15	12	C
3QNY/Ca/Ba-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ca/Ba	50mm Standard	Ne	Quartz	15	12	
3QNY/Ca/Mg	37mm Standard	Ne	Quartz	6	5	C
3QNY/Ca/Mg-V	37mm Varian Coded	Ne	Quartz			
3QNY/Ca/Mg-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ca/Mg	50mm Standard	Ne	Quartz	20	15	
5QN/Ca/Mg-P	37mm Perkin Elmer Coded	Ne	Quartz			
3QNY/Ca/Si	37mm Standard	Ne	Quartz	15	12	C
3QNY/Ca/Si-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ca/Si	50mm Standard	Ne	Quartz	20	15	
3QNY/Ca/Sr	37mm Standard	Ne	Quartz	15	12	C
3QNY/Ca/Sr-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ca/Sr	50mm Standard	Ne	Quartz	15	12	
3QNY/Ca/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Ca/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ca/Zn	50mm Standard	Ne	Quartz	20	15	
5QN/Ca/Zn-P	50mm Perkin Elmer Coded	Ne	Quartz			
CHROMIUM						
3QNY/Cr/Co	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Cu-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Cu	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Mn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Mn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Mo	37mm Standard	Ne	Quartz	15	12	C
3QNY/Cr/Mo-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Mo	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Ni	50mm Standard	Ne	Quartz	30	25	
COBALT						
3QNY/Co/Cu	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Cu-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Cu	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Fe	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Fe-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Mn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Mn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Mn	50mm Standard	Ne	Quartz	30	25	

TWO ELEMENTS

ALUMINIUM

Al + Ca

Al + Mg

Al + Si

Al + Ti

BARIUM

Ba + Sr

CADMIUM

Cd + Zn

CALCIUM

Ca + Ba

Ca + Mg

Ca + Si

Ca + Sr

Ca + Zn

CHROMIUM

Cr + Co

Cr + Cu

Cr + Fe

Cr + Mn

Cr + Mo

Cr + Ni

COBALT

Co + Cu

Co + Fe

Co + Mn

MULTI-ELEMENT LAMPS

TWO
ELEMENTS

COBALT

Co + Mo

PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	PERKIN ELMER LEADOUT
3QNY/Co/Mo	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Mo-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Mo	50mm Standard	Ne	Quartz	30	25	

Co + Ni

3QNY/Co/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Ni	50mm Standard	Ne	Quartz	30	25	

COPPER

Cu + Fe

3QNY/Cu/Fe	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Fe-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Fe	50mm Standard	Ne	Quartz	30	25	

Cu + Mn

3QNY/Cu/Mn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Mn-U	37mm Unicam Coded	Ne	Quartz			

Cu + Mo

3QNY/Cu/Mo	37mm Standard	Ne	Quartz	10	8	C
JQN/Cu/Mo	50mm Standard	Ne	Quartz	30	25	

Cu + Ni

3QNY/Cu/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Ni-U	37mm Unicam Coded	Ne	Quartz			

Cu + Zn

5QN/Cu/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cu/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Zn-V	37mm Varian Coded	Ne	Quartz			
3QNY/Cu/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Zn	50mm Standard	Ne	Quartz	20	15	

GOLD

Au + Cu

3QNY/Au/Cu	37mm Standard	Ne	Quartz	10	8	C
3QNY/Au/Cu-U	37mm Unicam Coded	Ne	Quartz			

Au + Ni

5QN/Au/Cu	50mm Standard	Ne	Quartz	15	12	
3QNY/Au/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Au/Ni-U	37mm Unicam Coded	Ne	Quartz			

Au + Pt

5QN/Au/Ni	50mm Standard	Ne	Quartz	15	12	
3QNY/Au/Pt	37mm Standard	Ne	Quartz	10	8	C
3QNY/Au/Pt-U	37mm Unicam Coded	Ne	Quartz			

Au + Ag

5QN/Au/Pt	50mm Standard	Ne	Quartz	15	12	
3QNY/Au/Ag	37mm Standard	Ne	Quartz	10	8	C
3QNY/Au/Ag-U	37mm Unicam Coded	Ne	Quartz			
5QN/Au/Ag	50mm Standard	Ne	Quartz	20	15	
5QN/Au/Ag-P	50mm Perkin Elmer Coded	Ne	Quartz			

IRON

Fe + Mn

3QNY/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Fe/Mn-U	37mm Unicam Coded	Ne	Quartz			

Fe + Mo

5QN/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Fe/Mo	37mm Standard	Ne	Quartz	10	8	C
5QN/Fe/Mo	50mm Standard	Ne	Quartz	30	25	

Fe + Ni

3QNY/Fe/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Fe/Ni-U	37mm Unicam Coded	Ne	Quartz			

Fe + Zn

5QN/Fe/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Fe/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Fe/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Fe/Zn	50mm Standard	Ne	Quartz	20	15	

MAGNESIUM

Mg + Si

3QNY/Mg/Si	37mm Standard	Ne	Quartz	15	12	C
3QNY/Mg/Si-U	37mm Unicam Coded	Ne	Quartz			
5QN/Mg/Si	50mm Standard	Ne	Quartz	20	15	

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MANGANESE						
3QNY/Mn/Mo	37mm Standard	Ne	Quartz	10	8	C
5QN/Mn/Mo	50mm Standard	Ne	Quartz	30	25	
3QNY/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Mn/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Mn/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Mn/Zn	50mm Standard	Ne	Quartz	20	15	
PLATINUM						
3QNY/Pt/Ag	37mm Standard	Ne	Quartz	10	8	C
3QNY/Pt/Ag-U	37mm Unicam Coded	Ne	Quartz			
5QN/Pt/Ag	50mm Standard	Ne	Quartz	15	12	
SILICON						
3QNY/Si/Ti	37mm Standard	Ne	Quartz	15	12	C
3QNY/Si/Ti-U	37mm Unicam Coded	Ne	Quartz			
5QN/Si/Ti	50mm Standard	Ne	Quartz	20	16	
SILVER						
3QNY/Ag/Cr	37mm Standard	Ne	Quartz	10	8	C
3QNY/Ag/Cr-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ag/Cr	50mm Standard	Ne	Quartz	20	16	
3QNY/Ag/Cu	37mm Standard	Ne	Quartz	10	8	C
3QNY/Ag/Cu-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ag/Cu	50mm Standard	Ne	Quartz	25	16	
SODIUM						
3UNX/Na/K	37mm Standard	Ne	UV Glass	8	6	C
3UNX/Na/K-U	37mm Unicam Coded	Ne	UV Glass			
3UNX/Na/K-V	37mm Varian Coded	Ne	UV Glass			
5UN/Na/K	50mm Standard	Ne	UV Glass	12	10	
5UN/Na/K-P	50mm Perkin Elmer Coded	Ne	UV Glass			
ALUMINIUM						
3QNY/Al/Ca/Mg	37mm Standard	Ne	Quartz	10	8	C
5QN/Al/Ca/Mg	50mm Standard	Ne	Quartz	20	15	
5QN/Al/Ca/Mg-P	50mm Perkin Elmer Coded	Ne	Quartz			
3QNY/Al/Si/Ti	37mm Standard	Ne	Quartz	15	12	C
3QNY/Al/Si/Ti-U	37mm Unicam Coded	Ne	Quartz			
5QN/Al/Si/Ti	50mm Standard	Ne	Quartz	20	16	
ANTIMONY						
3QNY/Sb/As/Bi	37mm Standard	Ne	Quartz	15	12	C
5QN/Sb/As/Bi	50mm Standard	Ne	Quartz	20	16	
ARSENIC						
3QNY/As/Se/Te	37mm Standard	Ne	Quartz	10	10	C
5QN/As/Se/Te	50mm Standard	Ne	Quartz	15	15	
CALCIUM						
3QNY/Ca/Ba/Sr	37mm Standard	Ne	Quartz	15	12	C
3QNY/Ca/Ba/Sr-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ca/Ba/Sr	50mm Standard	Ne	Quartz	20	15	
3QNY/Ca/Mg/Si	37mm Standard	Ne	Quartz	15	12	C
3QNY/Ca/Mg/Si-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ca/Mg/Si	50mm Standard	Ne	Quartz	20	15	
3QNY/Ca/Mg/Zn	37mm Standard	Ne	Quartz	10	8	C
5QN/Ca/Mg/Zn	50mm Standard	Ne	Quartz	20	20	
5QN/Ca/Mg/Zn-P	50mm Perkin Elmer Coded	Ne	Quartz			

TWO ELEMENTS

MANGANESE

Mn + Mo

Mn + Ni

Mn + Zn

PLATINUM

Pt + Ag

SILICON

Si + Ti

SILVER

Ag + Cr

Ag + Cu

SODIUM

Na + K

THREE ELEMENTS

ALUMINIUM

Al + Ca Mg

Al + Si Ti

ANTIMONY

Sb + As Bi

ARSENIC

As + Se Te

CALCIUM

Ca + Ba Sr

Ca + Mg Si

Ca + Mg Zn

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MULTI-ELEMENT LAMPS

THREE
ELEMENTS

CHROMIUM

Cr + Cu Co

Cr + Co Fe

Cr + Co Mn

Cr + Co Ni

Cr + Cu Fe

Cr + Cu Mn

Cr + Cu Ni

Cr + Fe Mn

Cr + Fe Ni

Cr + Mn Ni

COBALT

Co + Cu Fe

Co + Cu Mn

Co + Mn Ni

COPPER

Cu + Fe Mn

Cu + Fe Ni

Cu + Fe Zn

Cu + Mn Ni

Cu + Mn Zn

GOLD

Au + Cu Ni

Au + Pt Ag

IRON

Fe + Mn Ni

PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	PERKIN ELMER LEADOUT
3QNY/Cr/Cu/Co	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Cu/Co	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Cu/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Mn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Cu/Mn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Cu/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Cu/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Cu/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Fe/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Fe/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Cu/Fe	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Cu/Fe-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Cu/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Cu/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Co/Cu/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cu/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Fe/Mn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cu/Fe/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Fe/Ni-U	50mm Unicam Coded	Ne	Quartz			
5QN/Cu/Fe/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cu/Fe/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Fe/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Fe/Zn	50mm Standard	Ne	Quartz	20	15	
3QNY/Cu/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cu/Mn/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Mn/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Mn/Zn	50mm Standard	Ne	Quartz	20	15	
3QNY/Au/Cu/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Au/Cu/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Au/Cu/Ni	50mm Standard	Ne	Quartz	15	12	
3QNY/Au/Pt/Ag	37mm Standard	Ne	Quartz	10	8	C
3QNY/Au/Pt/Ag-U	37mm Unicam Coded	Ne	Quartz			
5QN/Au/Pt/Ag	50mm Standard	Ne	Quartz	15	12	
3QNY/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Fe/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	

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PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	PERKIN ELMER LEADOUT
IRON						
3QNY/Fe/Mn/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Fe/Mn/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Fe/Mn/Zn	50mm Standard	Ne	Quartz	20	15	
MOLYBDENUM						
3QNY/Mo/Cr/Co	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Cr/Co	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Cr/Cu	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Cr/Cu	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Cr/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Cr/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Cr/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Cr/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Co/Cu	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Co/Cu	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Co/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Co/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Co/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Co/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Cu/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Cu/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Cu/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Cu/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
SILVER						
3QNY/Ag/Cr/Cu	37mm Standard	Ne	Quartz	10	8	C
3QNY/Ag/Cr/Cu-U	37mm Unicam Coded	Ne	Quartz			
5QN/Ag/Cr/Cu	50mm Standard	Ne	Quartz	25	20	
3QNY/Ag/Cu/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Ag/Cu/Ni	50mm Standard	Ne	Quartz	25	20	
ALUMINIUM						
3QNY/Al/Ca/Fe/Mg	37mm Standard	Ne	Quartz	15	12	C
5QN/Al/Ca/Fe/Mg	50mm Standard	Ne	Quartz	20	16	
3QNY/Al/Ca/Li/Mg	37mm Standard	Ne	Quartz	10	8	C
5QN/Al/Ca/Li/Mg	50mm Standard	Ne	Quartz	20	16	
BARIUM						
3QNY/Ba/Ca/Mg/Sr	37mm Standard	Ne	Quartz	15	12	C
5QN/Ba/Ca/Mg/Sr	50mm Standard	Ne	Quartz	20	15	
CHROMIUM						
3QNY/Cr/Co/Cu/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Cu/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Cu/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Cu/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Cu/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Cu/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Fe/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Fe/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Cu/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Fe/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Cu/Fe/Ni	50mm Standard	Ne	Quartz	30	25	

THREE ELEMENTS**IRON**

Fe + Mn Zn

MOLYBDENUM

Mo + Cr Co

Mo + Cr Cu

Mo + Cr Fe

Mo + Cr Mn

Mo + Co Cu

Mo + Co Mn

Mo + Co Fe

Mo + Cu Fe

Mo + Cu Mn

Mo + Fe Mn

SILVER

Ag + Cr Cu

Ag + Cu Ni

FOUR ELEMENTS**ALUMINIUM**

Al + Ca Fe Mg

Al + Ca Li Mg

Ba + Ca Mg Sr

CHROMIUM

Cr + Co Cu Fe

Cr + Co Cu Mn

Cr + Co Cu Ni

Cr + Co Fe Mn

Cr + Co Fe Ni

Cr + Co Mn Ni

Cr + Cu Fe Mn

Cr + Cu Fe Ni

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MULTI-ELEMENT LAMPS

FOUR
ELEMENTS

CHROMIUM

Cr + Cu Mn Ni

Cr + Cu Ni Ag

Cr + Fe Mn Ni

COBALT

Co + Cu Fe Mn

Co + Cu Fe Ni

Co + Cu Mn Ni

Co + Fe Mn Ni

COPPER

Cu + Fe Mn Ni

Cu + Fe Mn Zn

Cu + Fe Ni Ag

MOLYBDENUM

Mo + Co Cu Fe

Mo + Co Cu Mn

Mo + Co Fe Mn

Mo + Cu Fe Mn

FIVE
ELEMENTS

CHROMIUM

Cr + Co Cu Fe Mn

Cr + Co Cu Fe Ni

Cr + Co Cu Mn Ni

Cr + Co Fe Mn Ni

Cr + Cu Fe Mn Ni

Cr + Cu Fe Ni Ag

PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	PERKIN ELMER LEADOUT
3QNY/Cr/Cu/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Cu/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cr/Cu/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Ni/Ag	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Cu/Ni/Ag	50mm Standard	Ne	Quartz	20	16	
5QN/Cr/Cu/Ni/Ag-P	50mm Perkin Elmer Coded	Ne	Quartz			
3QNY/Cr/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Cu/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Cu/Fe/Mn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Cu/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Cu/Fe/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Co/Cu/Fe/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Cu/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Cu/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Cu/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Co/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Co/Fe/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Co/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cu/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Fe/Mn/Ni-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cu/Fe/Mn/Zn	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cu/Fe/Mn/Zn-U	37mm Unicam Coded	Ne	Quartz			
5QN/Cu/Fe/Mn/Zn	50mm Standard	Ne	Quartz	20	15	
5QN/Cu/Fe/Mn/Zn-P	50mm Perkin Elmer Coded	Ne	Quartz			
3QNY/Cu/Fe/Ni/Ag	37mm Standard	Ne	Quartz	10	8	C
5QN/Cu/Fe/Ni/Ag	50mm Standard	Ne	Quartz	20	16	
3QNY/Mo/Co/Cu/Fe	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Co/Cu/Fe	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Co/Cu/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Co/Cu/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Co/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Co/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Mo/Cu/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Mo/Cu/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Cu/Fe/Mn	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Cu/Fe/Mn	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Cu/Fe/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Cu/Fe/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Cu/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Cu/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
5QN/Cr/Co/Cu/Mn/Ni-P	50mm Perkin Elmer Coded	Ne	Quartz			
3QNY/Cr/Co/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Cu/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Cu/Fe/Ni/Ag	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Cu/Fe/Ni/Ag	50mm Standard	Ne	Quartz	20	16	
5QN/Cr/Cu/Fe/Ni/Ag-P	50mm Perkin Elmer Coded	Ne	Quartz			

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MULTI-ELEMENT LAMPS

PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	PERKIN ELMER LEADOUT
COBALT						
3QNY/Co/Cu/Fe/Mn/Mo	37mm Standard	Ne	Quartz	10	8	C
5QN/Co/Cu/Fe/Mn/Mo	50mm Standard	Ne	Quartz	30	25	
5QN/Co/Cu/Fe/Mn/Mo-P	50mm Perkin Elmer Coded	Ne	Quartz			
3QNY/Co/Cu/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
5QN/Co/Cu/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
CHROMIUM						
3QNY/Cr/Co/Cu/Fe/Mn/Mo	37mm Standard	Ne	Quartz	10	8	C
5QN/Cr/Co/Cu/Fe/Mn/Mo	50mm Standard	Ne	Quartz	30	25	
3QNY/Cr/Co/Cu/Fe/Mn/Ni	37mm Standard	Ne	Quartz	10	8	C
3QNY/Cr/Co/Cu/Fe/Mn/Ni-V	37mm Varian Coded	Ne	Quartz			
5QN/Cr/Co/Cu/Fe/Mn/Ni	50mm Standard	Ne	Quartz	30	25	
5QN/Cr/Co/Cu/Fe/Mn/Ni-P	50mm Perkin Elmer Coded	Ne	Quartz			
ALUMINIUM						
3QNY/Al/Ca/Cu/Fe/Mg/Si/Zn	37mm Standard	Ne	Quartz	15	15	C
5QN/Al/Ca/Cu/Fe/Mg/Si/Zn	50mm Standard	Ne	Quartz	30	25	
5QN/Al/Ca/Cu/Fe/Mg/Si/Zn-P	50mm Perkin Elmer Coded	Ne	Quartz			

FIVE ELEMENTS

COBALT

Co + Cu Fe Mn Mo

Co + Cu Fe Mn Ni

SIX ELEMENTS

CHROMIUM

Cr + Co Cu Fe Mn

Cr + Co Cu Fe Mn Mo

Cr + Co Cu Fe Mn Ni

SEVEN ELEMENTS

ALUMINIUM

Al + Ca Cu Fe Mg

Al + Ca Cu Fe Mg Zn Si

From time to time Cathodeon will introduce new Multi-Element combinations. This space is provided to make additions when notified.

PART NO.	TYPE	GAS	WINDOW	MAX CURRENT	REC CURRENT	PERKIN ELMER LEADOUT

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