

2.0" / 51mm Hollow Cathode Lamp Operating Data

SpectroLamps HCL's are manufactured to the highest standards and tested for optimum performance.

SpectroLamps aim to provide the best ratio of output, sensitivity, noise, stability and life.

The operating currents indicated, should be used with Perkin Elmer Instruments with continuous power supply.

For instruments with modulated power supply please refer to 37mm lamp operating data.

For optimum performance and to prevent permanent lamp damage, never exceed the maximum current value.

Part Number	Symbol	Element	Current (mA)		Wavelength (nm)	Part Number	Symbol	Element	Current (mA)		Wavelength (nm)
			Rec	Max					Rec	Max	
PE001	Al	Aluminium	25	30	309.3	PE038	Os	Osmium	20	25	290.9
PE002	Sb	Antimony	18	20	217.6	PE039	P	Phosphorus	10	20	213.6
PE003	As	Arsenic	18	20	193.7	PE040	Pd	Palladium	25	30	244.8
PE004	Ba	Barium	25	30	553.6	PE041	Pt	Platinum	25	30	265.9
PE005	Be	Beryllium	25	30	234.9	PE042	K	Potassium	10	12	766.5
PE006	Bi	Bismuth	12	15	306.8	PE043	Pr	Praseodymium	25	35	495.1
PE007	B	Boron	25	30	249.8	PE044	Re	Rhenium	20	30	346.0
PE008	Cd	Cadmium	4	10	228.8	PE045	Rh	Rhodium	25	30	343.5
PE009	Ca	Calcium	10	25	422.7	PE046	Rb	Rubidium	15	20	780.0
PE010	Cs	Cesium	20	30	852.1	PE047	Ru	Ruthenium	25	30	349.9
PE011	Ce	Cerium	20	30	520.0	PE048	Sm	Samarium	25	30	429.7
PE012	Cr	Chromium	25	30	357.9	PE049	Sc	Scandium	20	30	391.2
PE013	Co	Cobalt	30	40	240.7	PE050	Se	Selenium	12	16	196.0
PE014	Cu	Copper	15	25	324.8	PE051	Si	Silicon	30	40	251.6
PE015	Dy	Dysprosium	25	30	404.6	PE052	Ag	Silver	10	20	328.1
PE016	Er	Erbium	25	30	400.8	PE053	Na	Sodium	8	10	589.0
PE017	Eu	Europium	30	35	459.4	PE054	Sr	Strontium	20	25	460.7
PE018	Gd	Gadolinium	30	35	368.4	PE055	Ta	Tantalum	30	40	271.5
PE019	Ga	Gallium	15	20	287.4	PE056	Te	Tellurium	25	30	214.3
PE020	Ge	Germanium	25	30	265.2	PE057	Tb	Terbium	25	30	431.9
PE021	Au	Gold	10	20	242.8	PE058	Tl	Thallium	5	6	276.7
PE022	Hf	Hafnium	25	30	307.3	PE059	Th	Thorium	15	20	
PE023	Ho	Holmium	25	30	410.4	PE060	Tm	Thulium	25	30	371.8
PE024	In	Indium	15	20	303.9	PE061	Sn	Tin	25	35	235.5
PE025	Ir	Iridium	25	30	264.0	PE062	Ti	Titanium	30	40	364.3
PE026	Fe	Iron	25	30	248.3	PE063	W	Tungsten	30	40	255.1
PE027	La	Lanthanum	25	30	550.1	PE064	U	Uranium	20	25	
PE028	Pb	Lead	10	12	283.3	PE065	V	Vanadium	15	35	318.5
PE029	Li	Lithium	15	25	670.8	PE066	Yb	Ytterbium	30	35	398.8
PE030	Lu	Lutetium	20	25	336.0	PE067	Y	Yttrium	30	35	410.2
PE031	Mg	Magnesium	6	10	285.2	PE068	Zn	Zinc	15	25	213.9
PE032	Mn	Manganese	20	30	279.5	PE069	Zr	Zirconium	30	40	360.1
PE033	Hg	Mercury	6	8	253.7	PE070	Ca-Mg		15	20	-
PE034	Mo	Molybdenum	30	40	313.3	PE071	Na-K		10	12	-
PE035	Nd	Neodymium	25	30	492.4	PE074	Cr-Co-Cu-Fe-Mn-Ni		30	35	-
PE036	Ni	Nickel	25	30	232.0						
PE037	Nb	Niobium	30	40	334.4						

Add L to end of part number for cableless lamp