



## 1.5" DIAMETER HOLLOW CATHODE LAMP OPERATING DATA FOR UNCOMMON ELEMENT LAMPS

Each Hollow Cathode Lamp is tested to ensure that it will perform to specifications in your instrument. As each instrument uses different operating conditions, it is necessary to provide precise instructions of lamp run currents. By using this chart, the lamp will provide optimum performance and achieve the longest possible lamp life. \*\* Please carefully select the correct current setting from the data below for your instrument. Should you have any questions when using this lamp, please contact your distributor.

Photron P/N	Element	GBC SB-900	GBC 901, 902 904,906 908, Avanta	Shimadzu 640,645, 646,680	Shimadzu All Others	Jena novAA® 300 & 400	Varian SpectrAA 5/10 20/30/40/100 200/300/400 600/640/800	Varian 30Z/40Z 300Z/400Z 640Z/800Z	Thermo All Models M series S series
			Prospector	AA-6800					
			SensAA	AA-6300		Zeeman	SpectrAA-50/55	AA240Z	
			Explorer	AA-6200		ZEE nit 600/ 650/700	AA140 & AA240 AA240FS & AA280FS AA Duo	& AA280Z	
P811	Cerium (Ce)	10mA	10mA	10mA	20mA	10mA	10mA	10mA	10mA
P815	Dysprosium (Dy)	18mA	18mA	18mA	30mA	18mA	18mA	10mA	18mA
P816	Erbium (Er)	10mA	10mA	10mA	20mA	10mA	10mA	10mA	10mA
P817	Europium (Eu)	12mA	12mA	12mA	20mA	12mA	10mA	10mA	12mA
P818	Gadolinium (Gd)	18mA	18mA	15mA	30mA	18mA	15mA	10mA	18mA
P822	Hafnium (Hf)	12mA	12mA	12mA	20mA	12mA	10mA	8mA	12mA
P823	Holmium (Ho)	18mA	18mA	18mA	30mA	18mA	15mA	12mA	18mA
P827	Lanthanum (La)	18mA	18mA	18mA	30mA	18mA	14mA	10mA	10mA
P830	Lutetium (Lu)	10mA	10mA	10mA	20mA	10mA	15mA	10mA	10mA
P835	Neodymium (Nd)	18mA	18mA	18mA	30mA	18mA	15mA	12mA	18mA
P837	Niobium (Nb)	18mA	18mA	18mA	30mA	18mA	15mA	12mA	18mA
P838	Osmium (Os)	18mA	18mA	18mA	30mA	18mA	15mA	12mA	12mA
P842	Praseodymium (Pr)	12mA	12mA	12mA	20mA	12mA	10mA	8mA	12mA
P843	Rhenium (Re)	18mA	15mA	15mA	24mA	15mA	12mA	10mA	15mA
P846	Ruthenium (Ru)	10mA	10mA	10mA	20mA	10mA	8mA	6mA	10mA
P847	Samarium (Sm)	10mA	10mA	10mA	20mA	10mA	8mA	6mA	10mA
P848	Scandium (Sc)	10mA	10mA	10mA	20mA	10mA	8mA	7mA	10mA
P856	Terbium (Tb)	10mA	10mA	10mA	20mA	10mA	8mA	5mA	10mA
P857	Thallium (Tl)	7mA	7mA	7mA	7mA	7mA	5mA	4mA	5mA
P858	Thorium (Th)	10mA	10mA	10mA	20mA	10mA	8mA	6mA	10mA
P859	Thulium (Tm)	18mA	18mA	18mA	30mA	18mA	14mA	10mA	18mA
P866	Yttrium (Y)	10mA	10mA	10mA	20mA	10mA	8mA	6mA	10mA