

Figure 11: Wire Terminal Lamps cont'd

Lamp P/N	Current (Amps)	Color Temp (°K)	MSCP (Approx)	Envelope Style	Bulb Dia (mm)	Life (Hours)	Gas Type	Spot Size ¹ (mm)	Filament Size (mm) (L x W)
6.3 Volts									
01122-U	2.000	3,225	22.00	nl	6.10	100	Halogen		1.930 x 0.686
6.5 Volts									
01094-U	0.430	3,225	3.60	I	4.67	30	Halogen	3.175	
7.25 Volts									
01254-U	2.050	2,740	11.90	nl	9.91	10,000	Halogen		2.159 x 1.600
10.0 Volts									
01291-U	1.860	2,975	18.40	I	9.91	3,000	Halogen	6.350	
12.0 Volts									
01273-U	1.670	3,000	25.00	nl	7.10	2,000	Halogen		4.191 x 0.965
14.5 Volts									
01131-U	2.250	3,300	62.00	nl	9.91	100	Halogen		3.150 x 1.118
15.1 Volts									
01132-U	2.220	3,245	63.80	nl	9.91	100	Halogen		3.150 x 1.194
28.0 Volts									
01130-U	0.700	2,950	26.50	nl	9.91	500	Halogen		2.083 x 1.245

Envelope Style: I—lensed end; nl—no lens hemispherical end. All dimensions in mm.

¹Target to lens surface.

Figure 12: Standard Based Lamps

Lamp P/N	Current (Amps)	Color Temp (°K)	MSCP (Approx)	Envelope Style	Bulb Dia (mm)	Life (Hours)	Gas Type	Wire Terminal P/N	Base Config (Figure 23)	Spot Size ¹ (mm)	Filament Size (L x W) (mm)	Optical Based (OB) vs. Spot Aligned (SA)
2.5 Volts												
997418-3	0.366	2,800	0.45	I	4.67	1,200	Krypton	01128	M	2.540		SA
2.6 Volts												
998087-8	0.850	2,840	0.95	I	4.67	3,000	Halogen	01058	H	3.175		
998418-5	0.850	2,840	0.95	I	4.67	3,000	Halogen	01058	M	3.175		
4.0 Volts												
998418-6	1.200	2,865	3.80	I	4.67	1,500	Halogen	01129	M	3.175		SA
4.5 Volts												
998085-3	0.890	2,800	2.45	nl	6.10	1,000	Halogen	01019	E		1.753 x 0.533	OB
5.0 Volts												
998319-21	1.500	2,840	5.15	I	7.11	4,000	Halogen	01077	G	5.715		
998319-15	1.790	2,915	7.20	I	7.11	6,000	Halogen	01059	G	5.715		
998085-10	1.790	2,915	7.20	I	7.11	6,000	Halogen	01059	E	5.715		
998319-13	2.080	2,900	7.90	nl	7.11	5,000	Halogen	01074	F		1.600 x 1.041	
6.0 Volts												
998085-4	0.700	3,050	3.75	nl	7.11	2,000	Halogen	01070	E		1.575 x 0.686	
8.0 Volts												
998319-16	1.190	2,850	7.80	I	7.11	2,500	Halogen	01069	G	5.715		
10.0 Volts												
998079-12	1.780	3,050	22.15	nl	9.91	500	Halogen	01010			2.489 x 1.016	OB
998079-14	1.860	2,950	17.70	I	9.91	3,000	Halogen	01012		6.350		

MINIATURE HALOGEN LAMPS—LAMP BASE

All Welch Allyn miniature halogen lamps can be supplied with various base configurations. The following are the standard lamp base configurations that are readily available.

Should your specifications require a lamp solution not listed in our standard products list, please contact our experienced application engineers.

Figure 23: Lamp Base and Socket Configurations (All measurements are in mm [inches])

