

ALUMINIUM.

The vacuum arc spectrum for aluminium was obtained by using aluminium alone as terminals in the arc lamp. The arc remained steady for short periods but was mostly intermittent. For the intermittent arc the current was about eight amperes when the terminals touched together, but when separated the current quickly dropped to zero, and therefore it was necessary to separate and touch the terminals continually in order to obtain a photograph.

Intensity	λ	$1/\lambda$	λ
10	2367.5	42239	2367.2 E & V.
10	2139.5	46740	
7	2061.5	48508	
6	2026.0	49358	
14	1990.0	50251	1989.9 "
4	1935.1	51677	1935.3 "
10	1930.4	51803	1930.4 "
32	1862.7	53685	1862.8 L
32	1854.8	53914	1854.7 "
			{1766.9 H
4	1766.6	56606	{1766.0 "
10	1762.0	56754	1761.9 L
10	1724.3	57995	1725.0 L
8	1720.7	58116	1721.2 "
4	1718.5	58190	1719.3 "
4	1670.6	59859	1670.6 "
14	1611.7	62046	1611.8 "
12	1605.6	62282	1605.6 "