



PORTABLE



RESIDENTIAL



OFFICE



RETAIL



ARCHITECTURAL



OUTDOOR

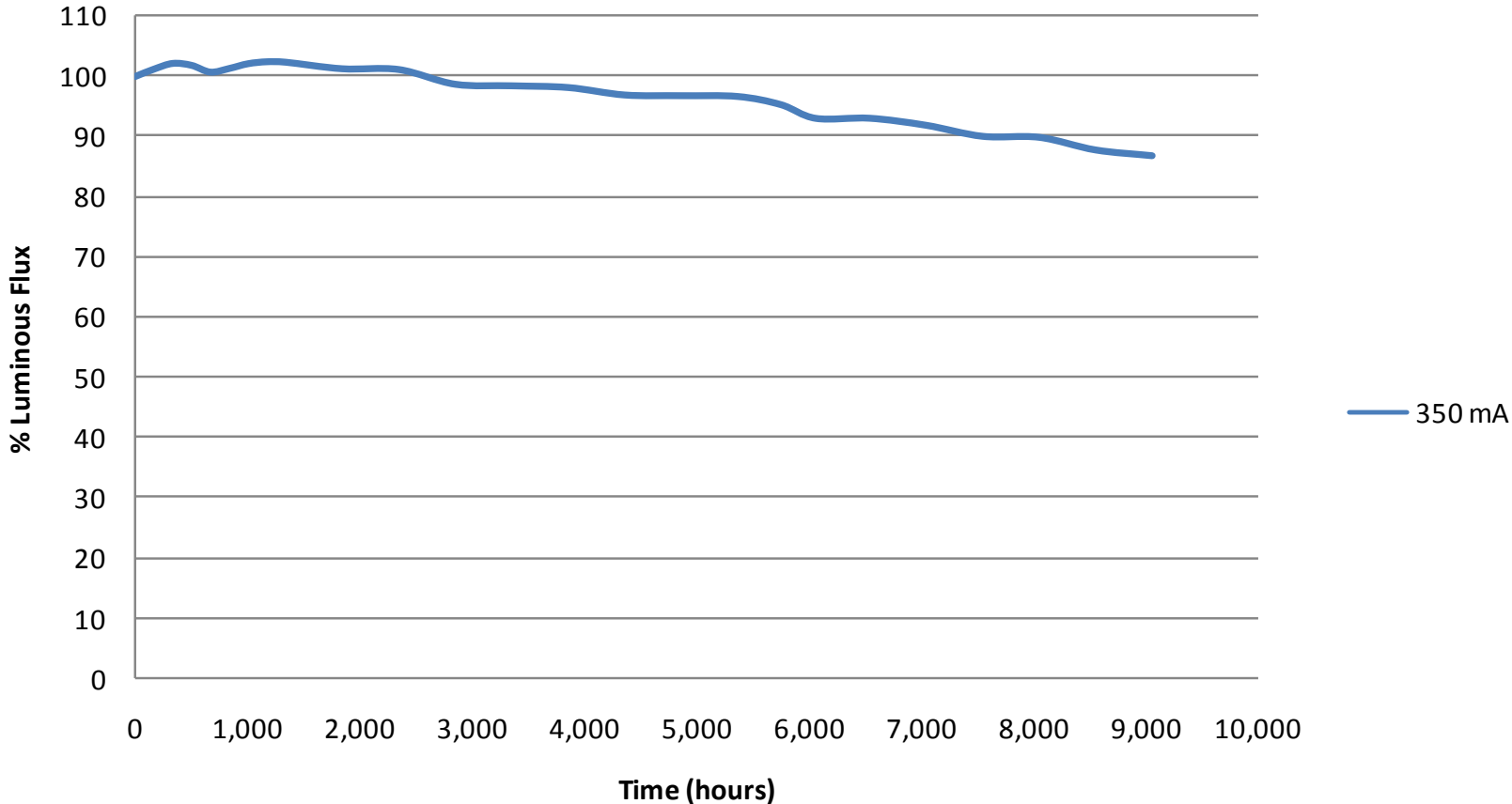


XLamp XP Family Long Term Testing Summary

December 1, 2009

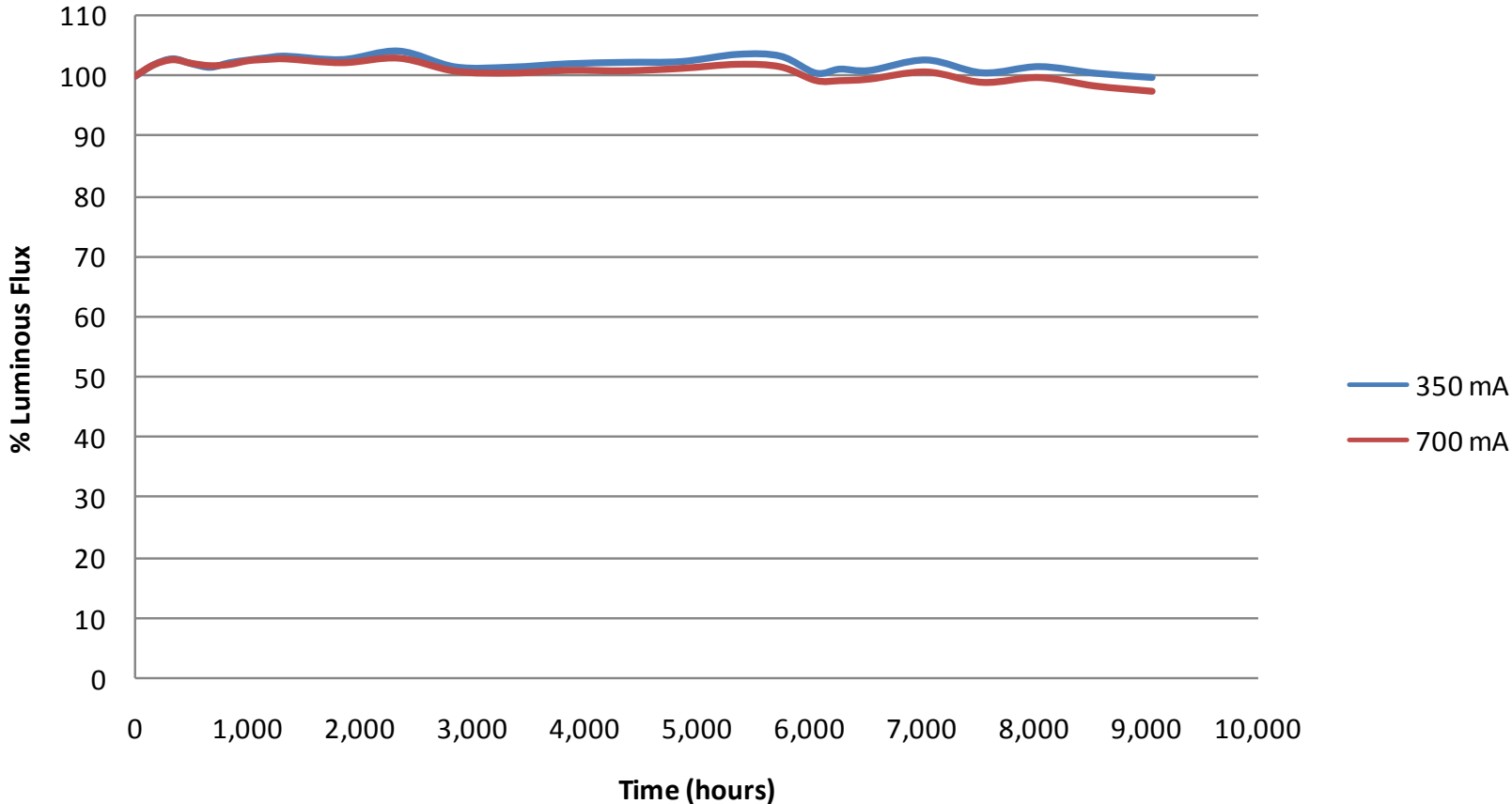
XLamp XP-C Warm White Results (Ta=25°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
350 mA	25	40	55



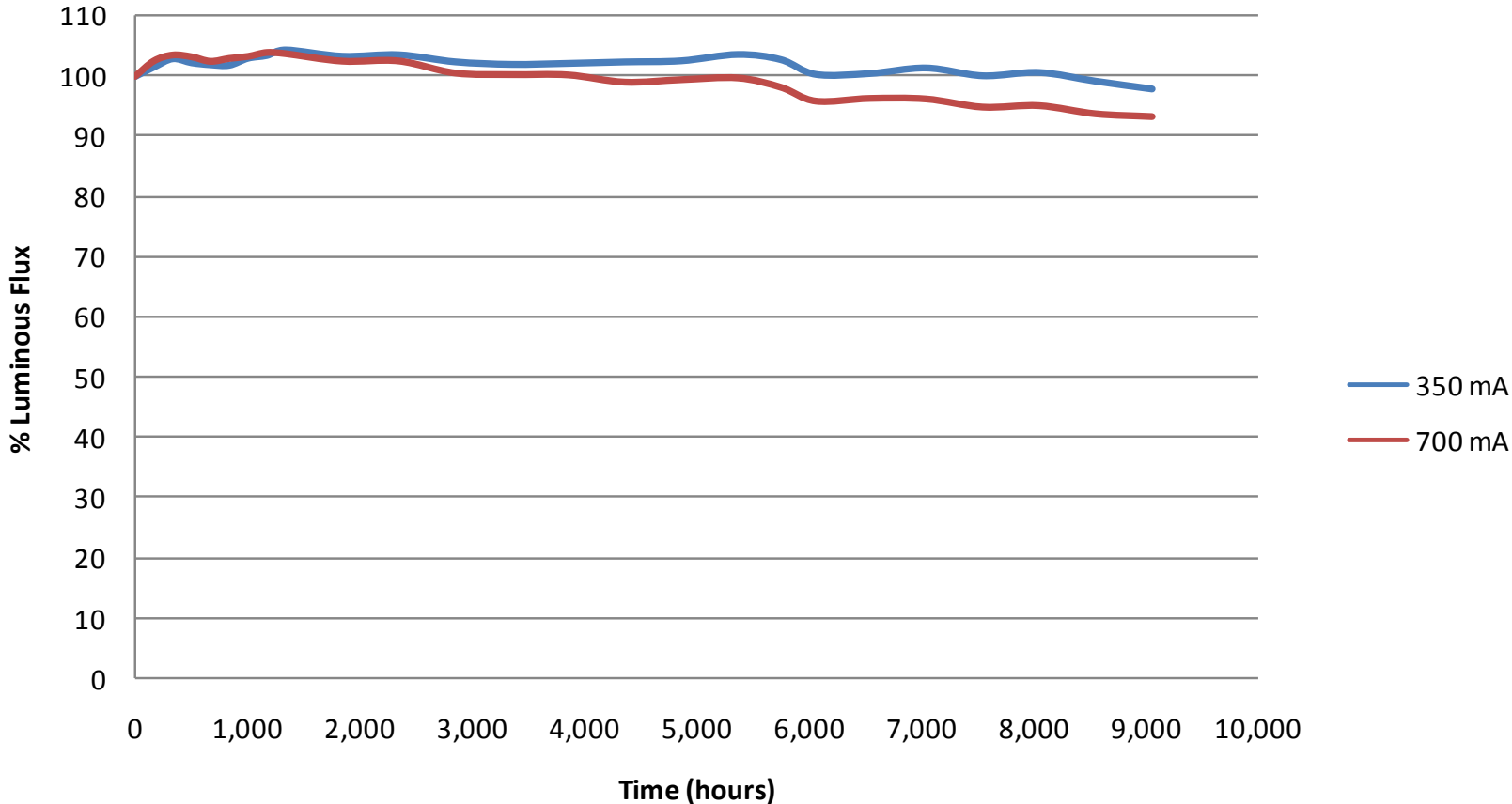
XLamp XP-E Cool White Results (Ta=25°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
350 mA	25	40	50
700 mA	25	64	85



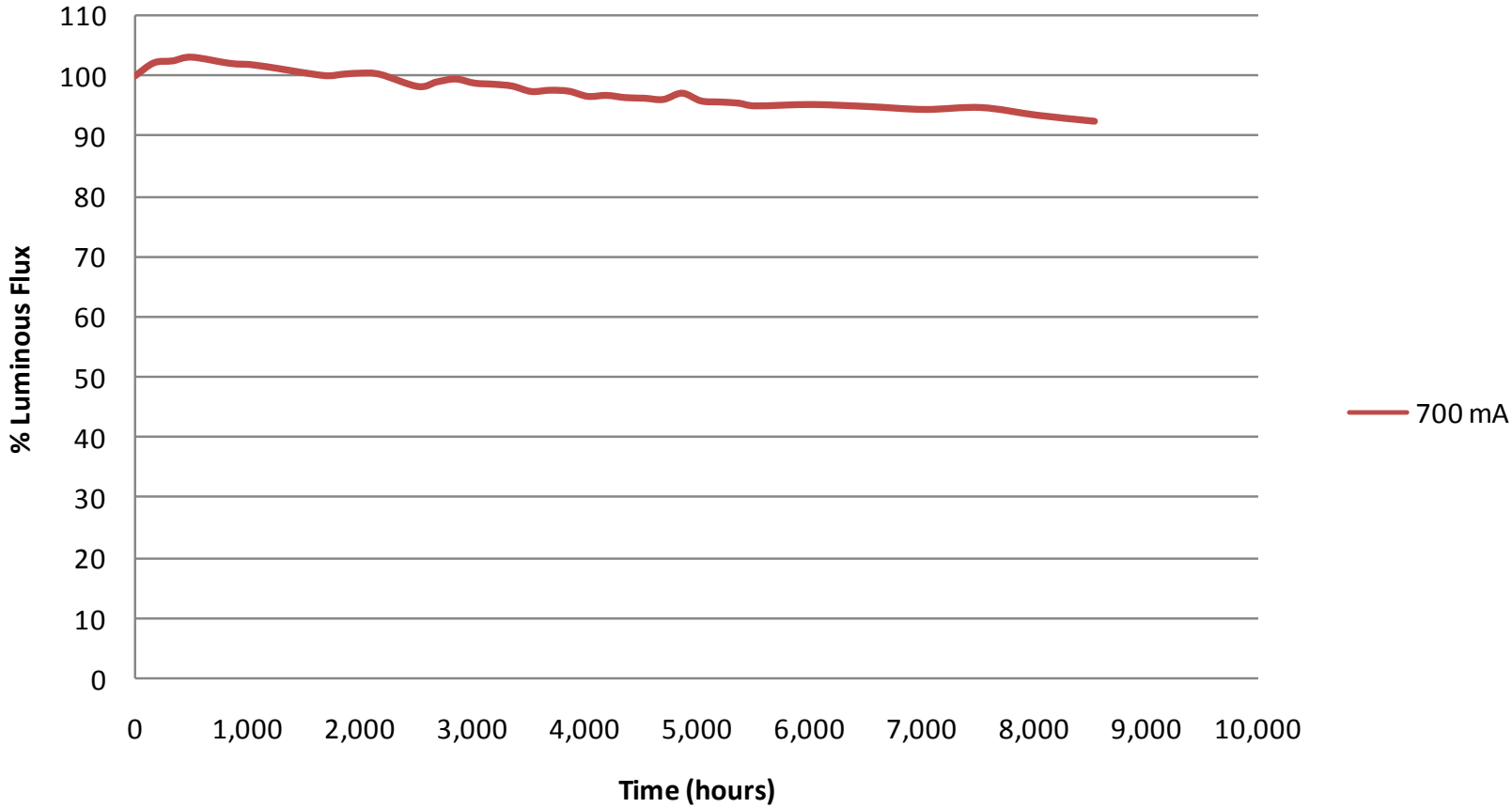
XLamp XP-E Warm White Results (Ta=25°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
350 mA	25	40	50
700 mA	25	64	85



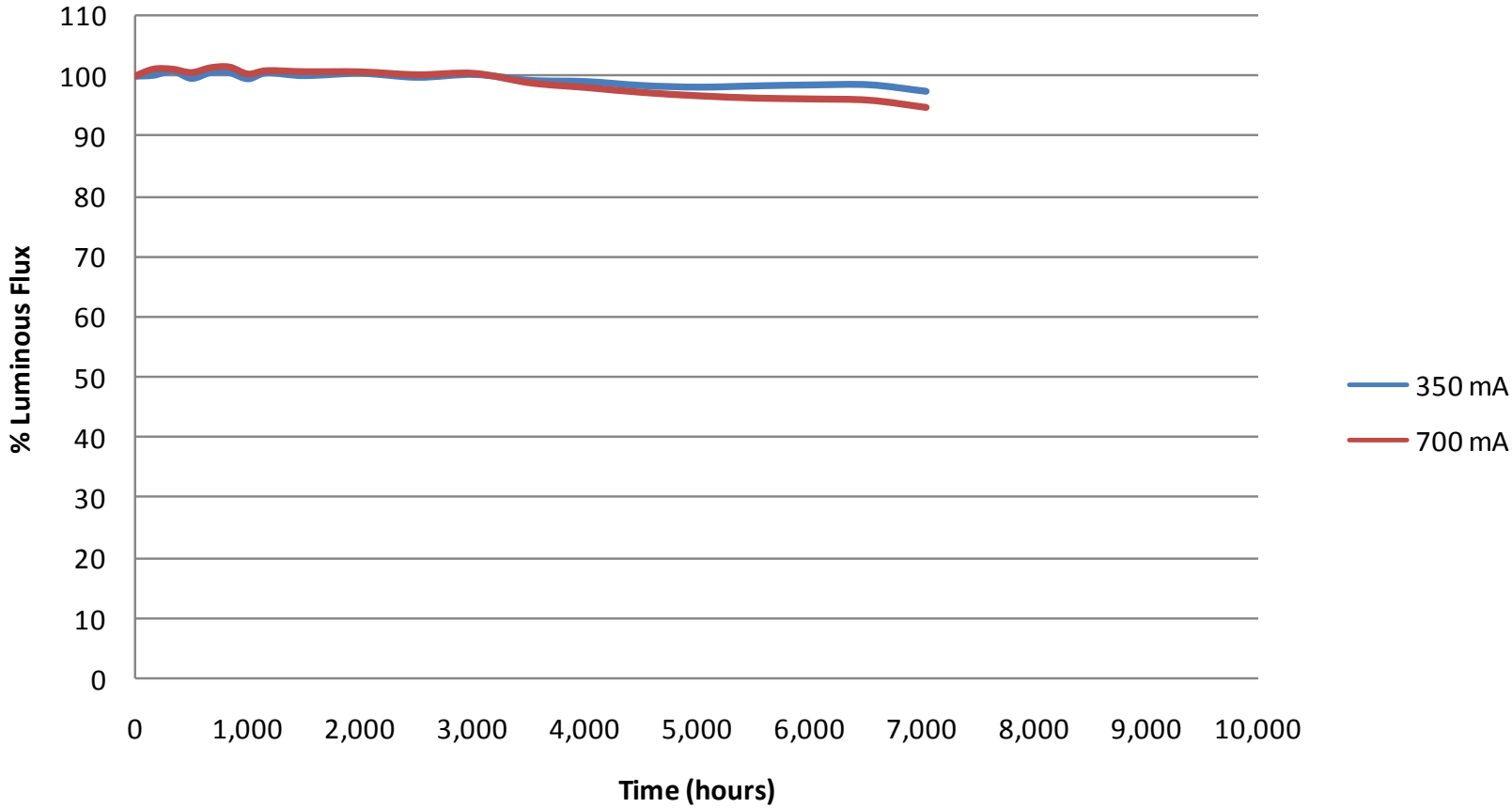
XLamp XP-E Cool White Results (Ta=45°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
700 mA	45	45	65



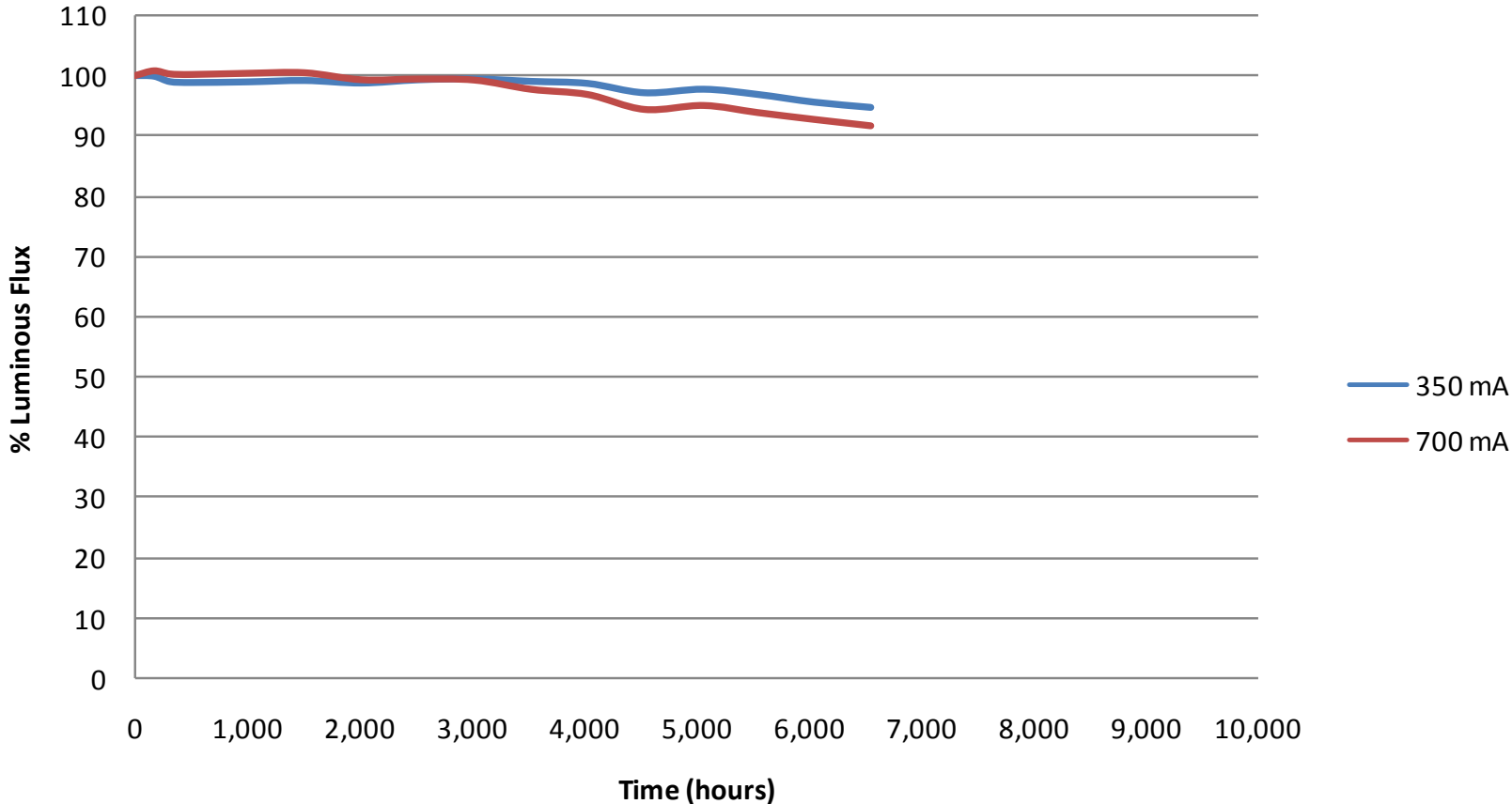
XLamp XP-E Cool White Results (Ta=55°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
350 mA	55	55	65
700 mA	55	55	75



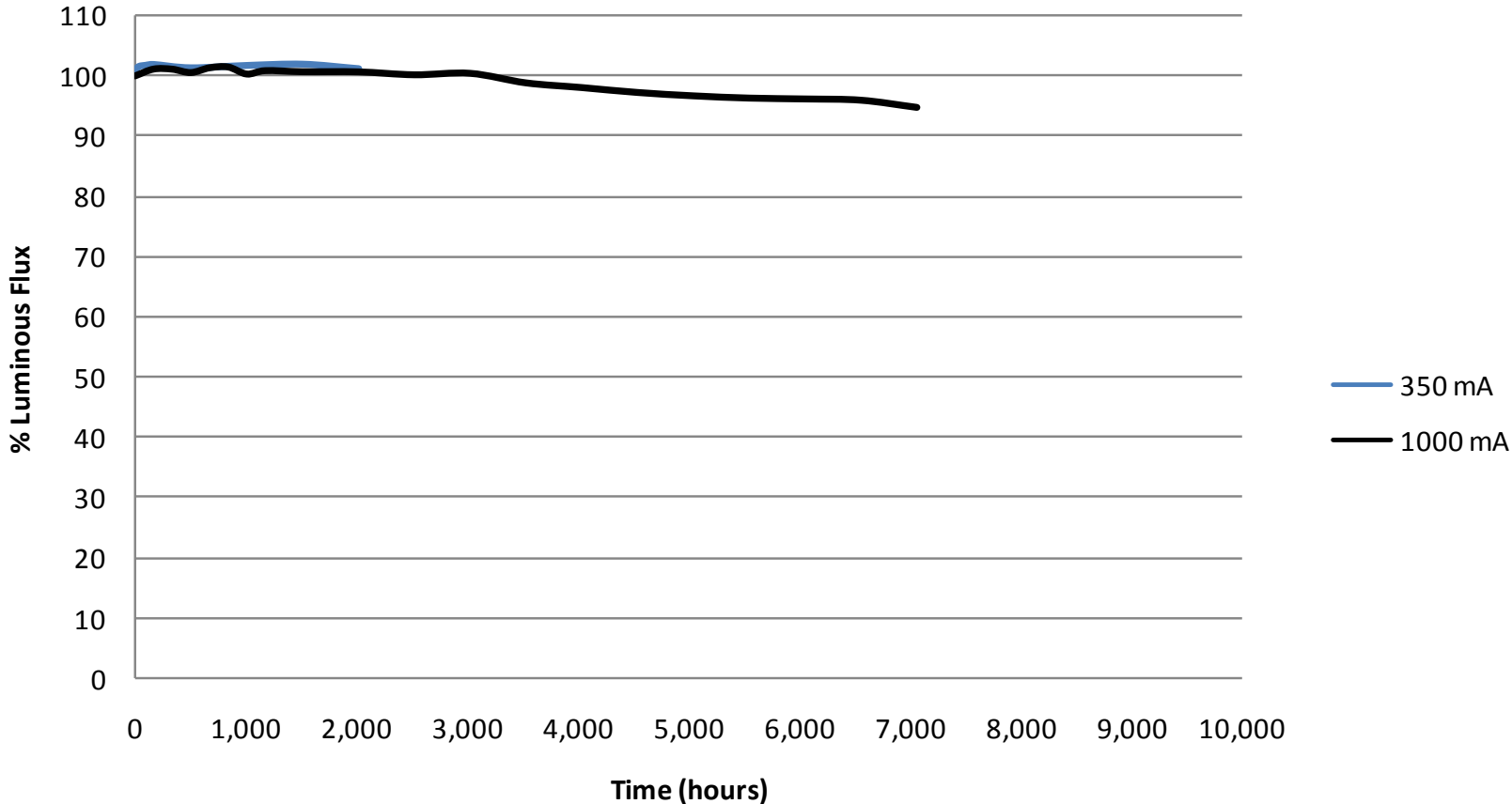
XLamp XP-E Cool White Results (Ta=85°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
350 mA	85	85	95
700 mA	85	85	105



XLamp XP-G Cool White Results (Ta=45°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
350 mA	45	45	51
1000 mA	45	45	65



XLamp XP-G Cool White Results (Ta=85°C)

Current	Ta (°C)	Tsp (°C)	Tj (°C)
350 mA	85	85	91
1000 mA	85	85	105

