



LM561B PKG LM80 Test Result & Projection

LM561B Test Result & Projection

■ Test Summary

- Test Start : 21 Jan, 2013
- Sample Size : 30 per Test Condition
- Temperature : 55℃, 85℃, 105℃
- Elapsed life test time : 4,000 h

Product	Current (mA)	Test Time	Temperature (℃)	Test Result		Energy Star Certification		Projecting L70 Life Time (TM-21 Calculated)
				Lumen Maintenance (%)	Color Shift ($\Delta u'v'$)	Lamp	Luminaire	
LM561B	100mA	4,000 h	55	98.8%	0.0011	O	O	111,161 h
			85	97.5%	0.0017	O	O	58,433 h
			105	97.4%	0.0010	O	O	41,018 h

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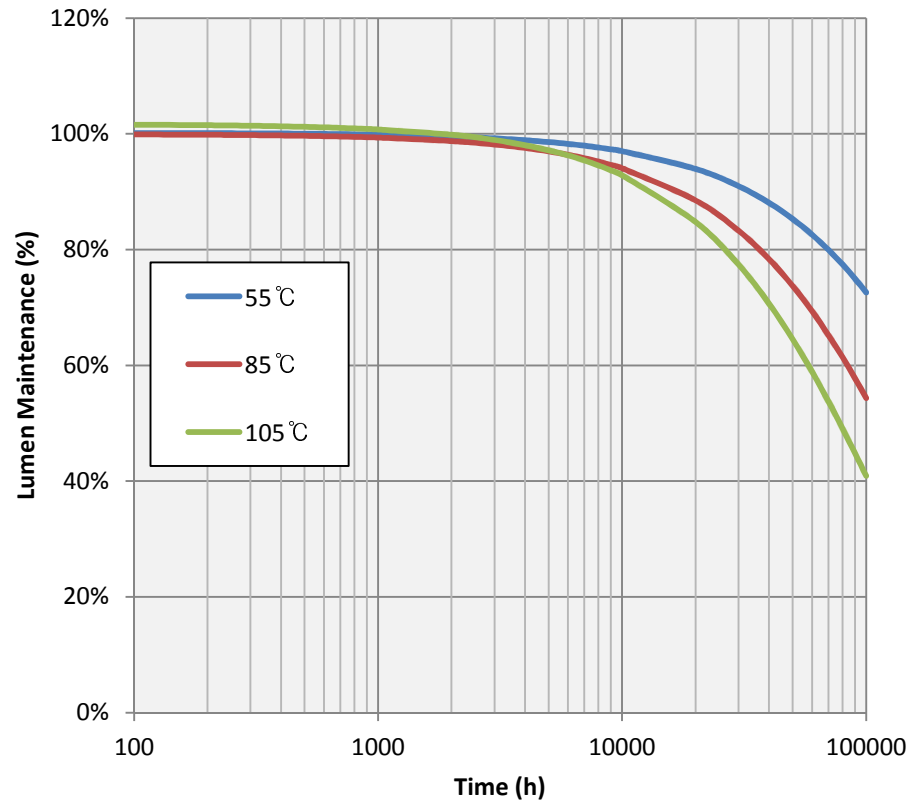
Product	Current (mA)	Test Time	Temperature (℃)	Test Result		Energy Star Certification		Projecting L70 Life Time (TM-21 Calculated)
				Lumen Maintenance (%)	Color Shift ($\Delta u'v'$)	Lamp	Luminaire	
LM561B	150mA	4,000 h	55	98.8%	0.0013	O	O	77,469 h
			85	96.6%	0.0024	O	O	39,827 h
			105	97.5%	0.0012	O	O	37,396 h

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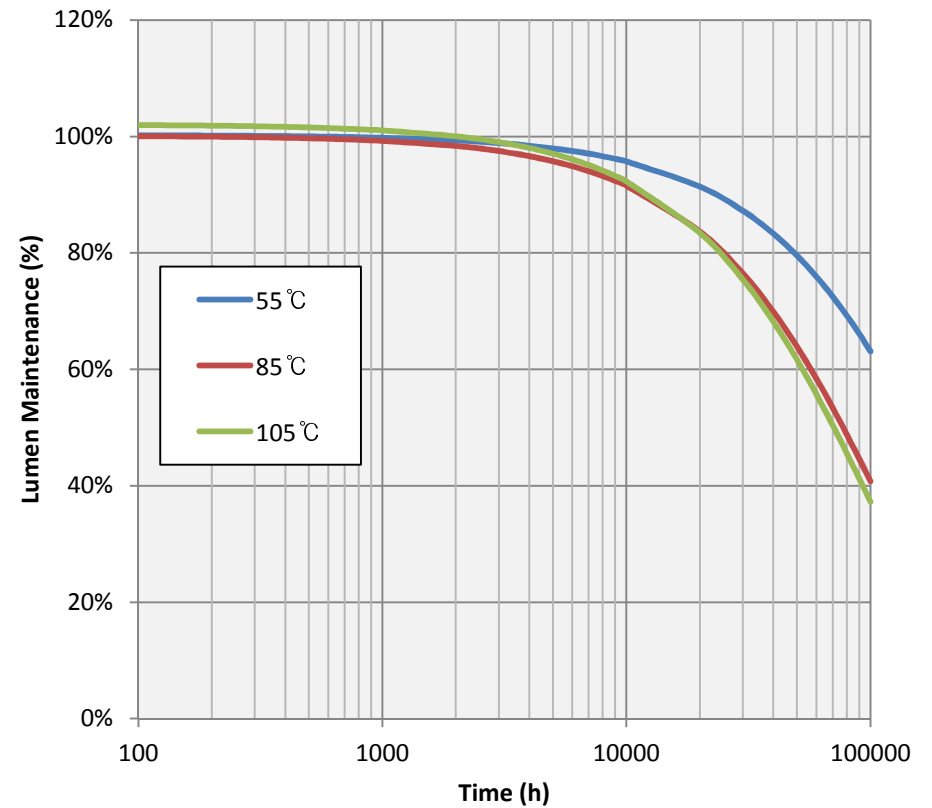


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Life Projection



<100mA>



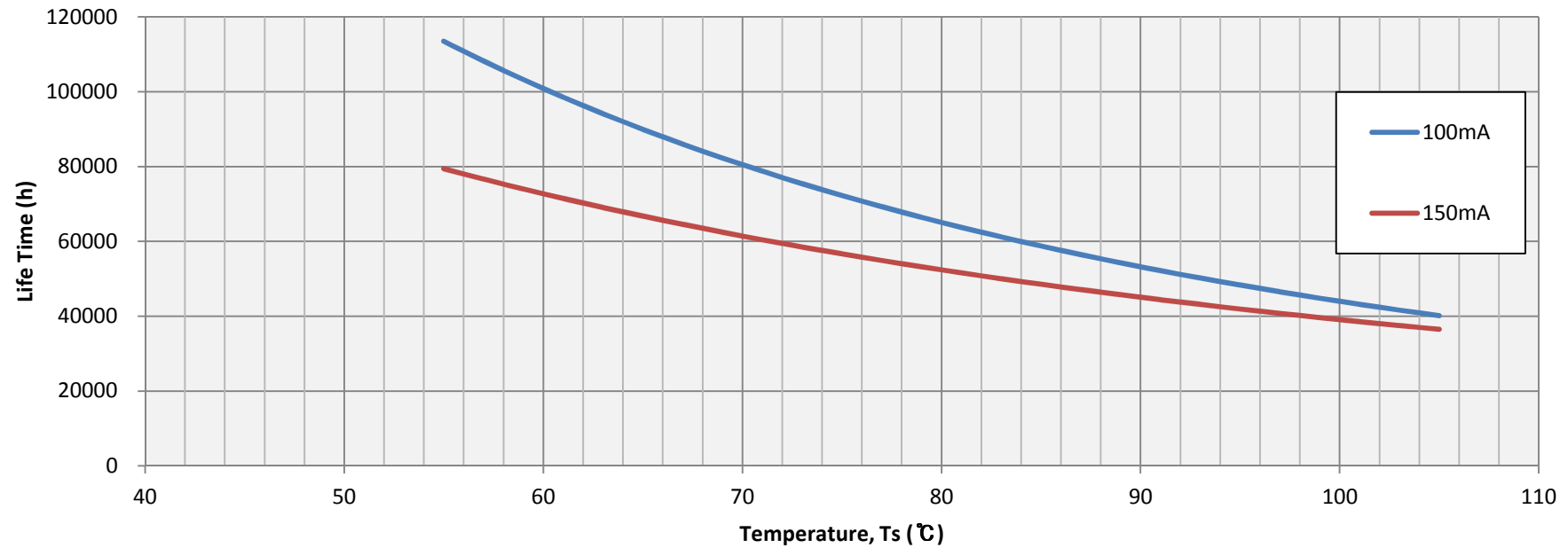
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■ Temperature Interpolation



Temperature (T_s)	55	65	75	85	95	105
100mA	113,510 h	89,986 h	72,295 h	58,796 h	48,358 h	40,186 h
150mA	79,421 h	66,745 h	56,655 h	48,532 h	41,925 h	36,499 h

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