



LM561B PKG LM80 Test Result & Projection

LM561B Test Result & Projection

■ Test Summary

- Test Start : 21 Jan, 2013
- Sample Size : 25 per Test Condition
- Temperature : 55°C, 85°C, 105°C
- Elapsed life test time : 6,000 h

Product	Current (mA)	Test Time	Temperature (°C)	Test Result		Energy Star Certification		Projecting L70 Life Time (TM-21 Calculated)
				Lumen Maintenance (%)	Color Shift ($\Delta u'v'$)	Lamp	Luminaire	
LM561B	100mA	6,000 h	55	98.9 %	0.0010	O	O	203,000 h
			85	97.8 %	0.0018	O	O	97,000 h
			105	92.4 %	0.0032	X	X	22,000 h

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				Lumen Maintenance (%)	Color Shift ($\Delta u'v'$)	Lamp	Luminaire	
LM561B	150mA	6,000 h	55	98.6 %	0.0008	O	O	135,000 h
			85	97.6 %	0.0015	O	O	93,000 h
			105	92.2 %	0.0031	X	X	22,000 h

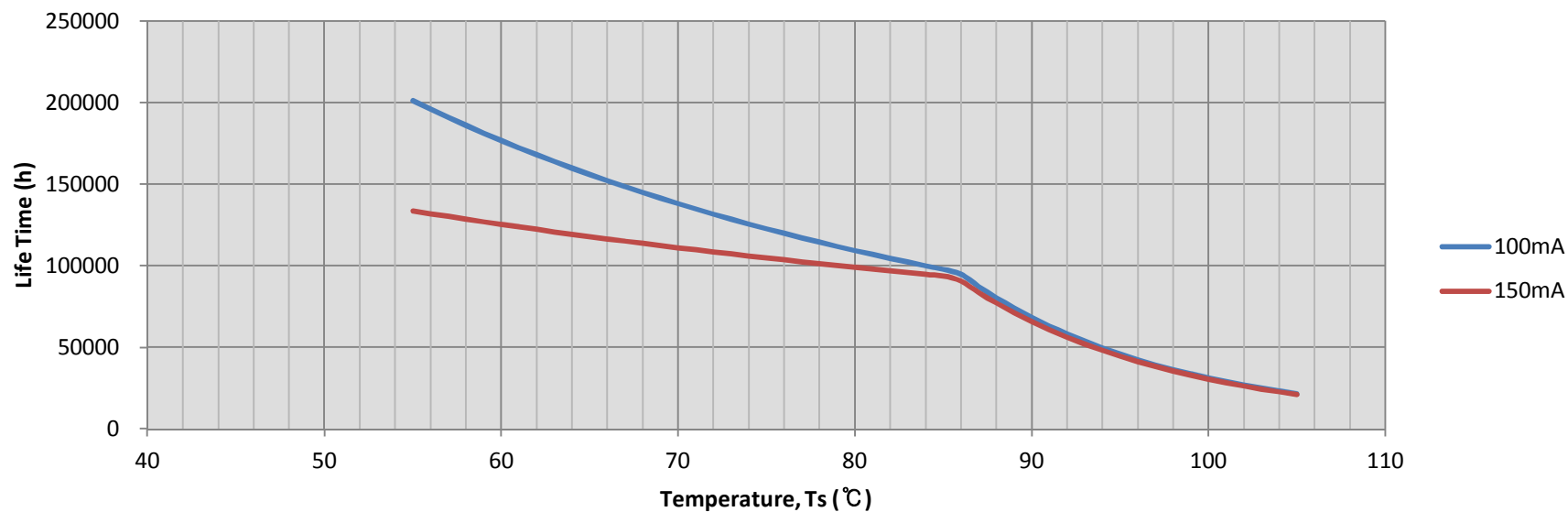
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■ Temperature Interpolation

-. Test Current : 100mA, 150mA



	55°C	65°C	75°C	85°C	95°C	105°C
100mA	201,200 h	155,902 h	122,586 h	97,692 h	45,772 h	21,250 h
150mA	133,621 h	117,902 h	104,782 h	93,738 h	44,545 h	21,055 h

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