

Life Cycle extension guide

a. Temperature/humidity stress testing

Item	Condition	Criteria
High Temperature Operating	Ta=50°C, 240 hours	A.
Low Temperature Operating	Ta=-10°C, 240 hours	
High Temperature and High Humidity Operating	Ta=50°C, 80%, 240hours	
Low Temperature Storage	Ta=-20°C, 240hours, non-motion	
High Temperature Storage	Ta=60°C, 240hours, non-motion	
Thermal Shock	-20°C~60°C 1H,10 mins,1H,5cycles	
Criteria	A. Following CUSTOMER product Spec.	
Note	The items are tested by CUSTOMER in LCD module.	

3) Electrical Characteristics:

Item	Symbol	Min.	Typ.	Max.	Unit	Note
LED Light Bar input Voltage	V _o	47.6	52	56.1	V _{DC}	(Duty 100%)
LED Light Bar Input current	I _{o1}		480		mA _{DC}	(Duty 100%)
Power consumption	P _o		24.96		W	V=52,I=0.48A/Channel
LED Life Time	L _{LED}	30000			H	

Lowering the brightness of the backlight can properly extend the product life