

Environmental Test

Temperature

Humidity

Duration

-20°C	0%	2-168 Hours
+50°C	90%	2-168 Hours
+20°C	60%	2-168 Hours

Operating voltage and frequency - AC 100 Vrms 1 KHZ sine wave

Storage Test

Temperature

Humidity

Duration

85°C		500 Hours
-20°C		500 Hours
40°C	90%RH	500 Hours

Temperature Shock Test

-20°C for 30 min <-> 70°C for 30min by 15 cycle, with maintainable brightness of 75%

Voltage Surge Test

10 times 1000V voltage surge test in 60 seconds