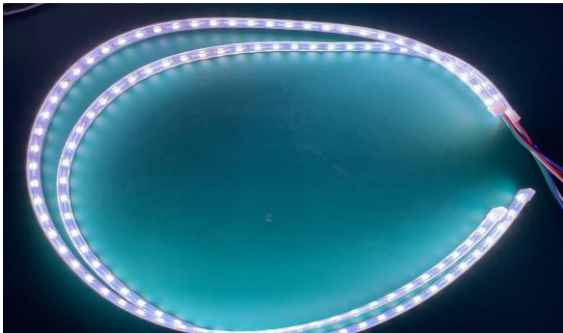


Product Test Report

Part No.:	SMD5050 RGBW Sauna Room LED Strip	Tester:	NIU HENG	Test Date:	Began: 2023.10.09 Finished: 2023.10.16
Test Item:	High temperature&High humidity Test	Test Type:	Reliability Test	Sample Quantity:	2M
1、Test Equipment: ZH-TH-80D Programmable constant temperature and humidity experimental box					
2、Test Conditions: Set the instrument to a fixed value, high temperature 100°C、humidity85%; Test 168H.					
3、Test Requirement: Put led strip into the device and naturally spread out to light up for testing.					
4、Test Record:					

Before Test	Test Parameter Settings
	
During Test	Finished Test
	

5、Test Result: There were no defects before and after the test. The data comparison is as follows:

Test Subject	Test Item	P(W)	Φ(lm)	Lumen(lm/W)	x	y	Tc(K)	Ra	Light Flux Attenuation%
Parameter Record 1	Before Test	2.436	81.05	33.27	0.6957	0.3039	R	/	
		2.508	250.6	99.92	0.1706	0.7425	G	/	
		2.417	52.53	21.74	0.1319	0.0655	B	/	
		2.472	226.8	91.75	0.3855	0.3824	W	84.3	
		9.801	607.1	61.94	0.2885	0.3058	RGBW	/	
	After 168H	2.433	81.38	33.44	0.695	0.3043	R	/	0.41%
		2.505	247.6	98.84	0.1697	0.743	G	/	-1.20%
		2.414	48.66	20.15	0.1315	0.0655	B	/	-7.37%

		2.469	207.9	84.19	0.3822	0.3788	W	84.3	-8.33%
		9.796	582.5	59.47	0.2899	0.3096	RGBW	/	-4.05%
Parameter Record 2	Before Test	2.438	81.53	33.44	0.6956	0.3041	R	/	
		2.515	250.2	99.5	0.1701	0.7429	G	/	
		2.412	52.24	21.66	0.132	0.0649	B	/	
		2.469	226.8	91.85	0.3862	0.3829	W	84.3	
		9.806	609.6	62.17	0.2883	0.3054	RGBW	/	
	After 168H	2.433	81.23	33.38	0.6949	0.3045	R	/	-0.37%
		2.513	243.2	96.8	0.1696	0.7431	G	/	-2.80%
		2.409	47.84	19.85	0.1317	0.065	B	/	-8.42%
		2.467	204.9	83.04	0.3826	0.3789	W	84.3	-9.66%
		9.801	574.3	58.6	0.2902	0.3088	RGBW	/	-5.79%