

## Product Test Report

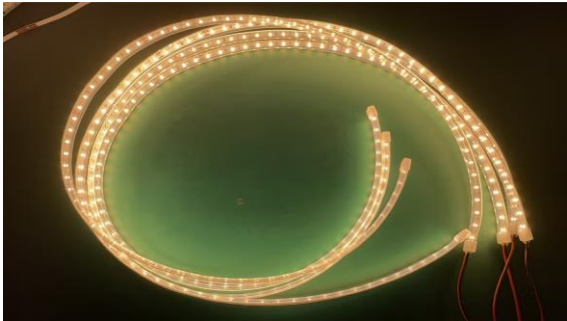
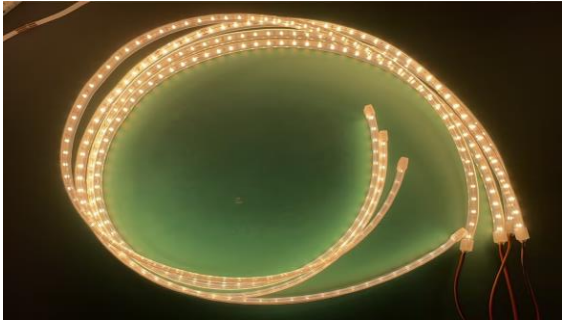
|            |                                     |            |                  |                 |                                           |
|------------|-------------------------------------|------------|------------------|-----------------|-------------------------------------------|
| Part No.:  | SMD3030 Sauna Room LED Strip        | Tester:    | NIU HENG         | Test Date:      | Beagn: 2023.10.09<br>Finished: 2023.10.16 |
| Test Item: | High temperature&High humidity Test | Test Type: | Reliability Test | Sample Quantit: | 4M                                        |

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 | 9.71  | 1303  | 134.16      | 0.4571 | 0.4071 | 2712  | 83.3 |                          |
|                    | After 168H  | 9.46  | 1203  | 127.16      | 0.4558 | 0.4074 | 2733  | 83.2 | -7.67%                   |
| Parameter Record 2 | Before Test | 9.659 | 1292  | 133.8       | 0.457  | 0.4071 | 2713  | 83.3 |                          |
|                    | After 168H  | 9.549 | 1234  | 129.2       | 0.456  | 0.4074 | 2730  | 83.1 | -4.49%                   |
| Parameter Record 3 | Before Test | 4.886 | 652.5 | 133.54      | 0.4564 | 0.406  | 2712  | 83.5 |                          |
|                    | After 168H  | 4.884 | 624.4 | 127.85      | 0.4551 | 0.4063 | 2733  | 83.4 | -4.31%                   |
| Parameter Record 4 | Before Test | 4.891 | 655.2 | 133.96      | 0.4566 | 0.4062 | 2712  | 83.5 |                          |
|                    | After 168H  | 4.872 | 626.4 | 128.58      | 0.4557 | 0.4066 | 2728  | 83.4 | -4.40%                   |