



## Test Report

No. SHAEC1817031001

Date : Aug. 20, 2018 Page 1 of 3

The following sample(s) was/were submitted and identified on behalf of the clients as:

SGS Job No.: CP18-040957  
Testing sample description: Air circulation bactericidal Led panel light  
Sample model: CPC74-B01  
Date of sample received: 2018.8.6  
Testing Period: 2018.8.7-2018.8.9  
Test Requested: Selected test (s) as requested by client.  
Test Method: Please refer to next page(s).  
Test Results: Please refer to next page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Helen Liu  
Approved Signatory



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**Table of Results:**

Reference Standard: GB/T 18801-2015

 Test Item: Clean air delivery rate (CADR) of Formaldehyde.  
 Clean air delivery rate (CADR) of Formaldehyde:0.4 m<sup>3</sup>/h

Remark :

- (1) Test chamber: 3m<sup>3</sup>
- (2) Natural decay: K<sub>n</sub>=0.0007(min<sup>-1</sup>)
- (3) 1<sup>st</sup> round data for Formaldehyde CADR testing

Temperature:25.3 °C Humidity:59.0 Rh%

Test time (min)	Formaldehyde concentration (mg/m <sup>3</sup> )
0.00	1.3201
2.50	1.2869
7.50	1.2857
12.50	1.2694
17.50	1.2296
22.50	1.2291
27.50	1.2247
32.50	1.1741
37.50	1.1670
R <sup>2</sup>	0.9489
Ke(min <sup>-1</sup> )	0.0031
CADR (m <sup>3</sup> /hr)	0.4

 (4) 2<sup>nd</sup> round data for Formaldehyde CADR testing

Temperature:25.6 °C Humidity:57.8 Rh%

Test time (min)	Formaldehyde concentration (mg/m <sup>3</sup> )
0.00	1.5449
2.50	1.5410
7.50	1.5186
12.50	1.5185
17.50	1.5134
22.50	1.4853
27.50	1.4512
32.50	1.4472
37.50	1.4285
R <sup>2</sup>	0.9529
Ke(min <sup>-1</sup> )	0.0021
CADR (m <sup>3</sup> /hr)	0.3

Table 1

Standard substance sheet

Name	Specification	Supplier	Used this time(√)
Test chamber	1.4m×1.4m×1.5m=3m <sup>3</sup> , stainless steel interior	Simplewell Technology Co., Ltd	√
Formaldehyde	AR 37%	J&K scientific Co., Ltd	√

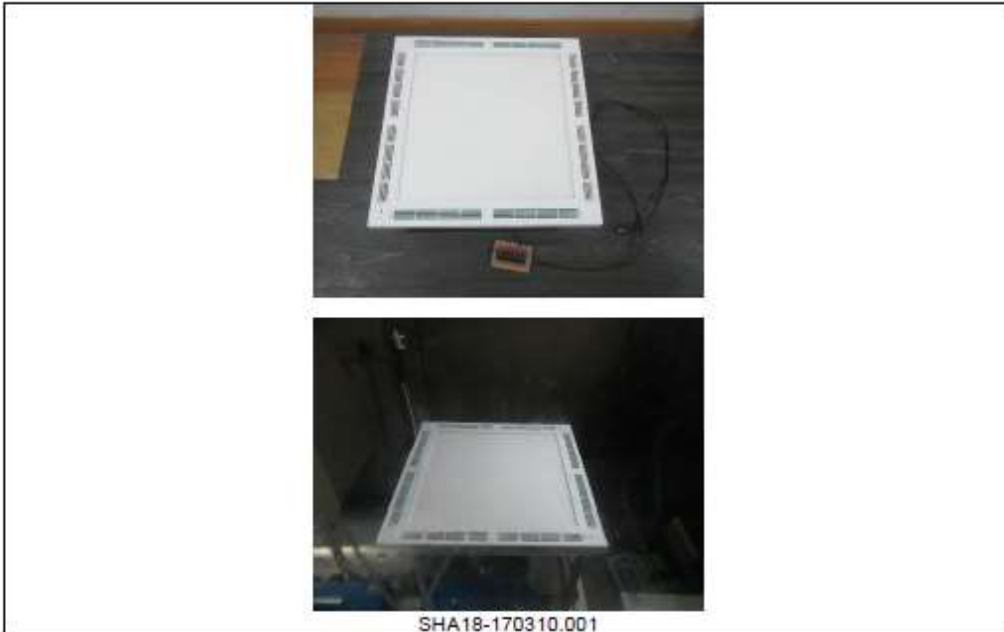


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\*\*\* End of Report \*\*\*



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