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Gmicro Testing



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CNAS L1747

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №.

2020FM27546R01E

Name of Sample

Philips UV-C Disinfection air unit

Applicant

Signify Luminares (Shanghai) Co., Ltd

Test Type

Entrustment Test



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS



Report No.: 2020FM27546R01E Verification Code: 89531470

Name of Sample	Philips UV-C Disinfection air unit	Test Type	Entrustment Test
Applicant	Signify Luminaires (Shanghai) Co., Ltd	Address	2/F, Building 6, No.1805 Huyi Highway, Malu Town, Jiading District, Shanghai City, P.R.China
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One Sample Submitted
Spec and Lot No of Sample	UVCA200	State and Characteristic	Machine
Sample Received Date	2020-09-25	Test Completion Date	2020-10-09
Test Standard and Method	Technical Standard for Disinfection (2002 Ministry of Health P.R.China)-2.1.3.4 Field test		
Item Tested	Disinfection efficiency for air		
Test Conclusion	<p>Turned the sample on the UV lamp and the maximum wind speed working for 1 hour in a 10m³ test chamber. The test was repeated for 3 times. The detection result of the killing rate of staphylococcus white in the air was > 99.90%, which met the standard requirements of the Technical Standard for Disinfection (2002 Ministry of Health P.R.China) -2.1.3.4</p>		
Remarks	<p>Manufacturer: Ningbo Taller Electrical Appliance Co.,Ltd (provided by the applicant)</p> <p style="text-align: right;">Issue Date: 2020-11-03 (Official Seal)</p>		

生物
★
检验



Editor: Wuqiuyan.

Verifier: Li Guojun

Approver: Xie Xiaobao



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2020FM27546R01E

Action time(hr)	The tested organism	Serial Number	The number of Bacteria in the air (cfu/m ³)	Killing rate (%)
0 (CK)	<i>Staphylococcus albus</i> 8032	1	1.3×10 ⁵	
		2	1.1×10 ⁵	
		3	1.0×10 ⁵	
1h	<i>Staphylococcus albus</i> 8032	1	28	99.96
		2	14	99.98
		3	21	99.96
(Blank below)				
Remarks	<p>1. Method description: The prototype turns on the UV lamp and the maximum wind speed for 1 hour. Sample the air with a Six level sieve pore striker air microorganism Sampler (JWL-6) at the flow rate 28.3/Lmin. The sampling time was 30s for blank control group and 5min for test group. The volume of test chamber was 10m³.</p> <p>2. The result of killing rate has eliminated the natural decay of microorganisms in the air.</p>			

分析
专用



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