



中国认可
国际互认
检测
TESTING
CNAS L0095

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NO.GJW2021-5072

TEST REPORT

NAME OF SAMPLE: UVC Air Disinfection Unit

CLIENT: Signify Luminares (Shanghai) Co., Ltd.

CLASSIFICATION
OF TEST : Commission Test

CVC Testing Technology Co., Ltd.

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Sample Name	UVC Air Disinfection Unit	Trade mark	—
Type/Model	UVCA210 MFGD: August 10, 2021	Sample level	—
Commissioned by	Signify Luminaires (Shanghai) Co., Ltd.	Address	2F, Building 1, No. 2555 Hechuan Road, Minhang District, Shanghai
Producer	Signify Luminaires (Shanghai) Co., Ltd.	Address	2F, Building 1, No. 2555 Hechuan Road, Minhang District, Shanghai
Manufacturer	ZHEJIANG HOWELL ILLUMINATING TECHNOLOGY CO.,LTD.	Address	1228 Tanjialing West Road, Lanjiang Street, Yuyao City, Ningbo City, Zhejiang Province, China
Quantity of sample	1 set	Sampled by Sample identification	—
Sample identification	—	Sampling at(place)	—
Means of receiving	Submitted by the client	Means of sampling	—
Classification of test	Commission test	Sampling date	—
Receiving date	2021.09.10	Completing date	2021.09.26
Tested according to	GB 28235-2020	Test items	Air disinfection simulation field test

Test conclusion:

Entrusted by Signify Luminaires (Shanghai) Co., Ltd., according to GB 28235-2020 "Hygienic requirements for ultraviolet appliance of disinfection" on UVC Air Disinfection Unit, the air disinfection simulation field test is tested. The test results were passed and see test data on page 4.

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Seal of CVC
Date of issue:2021.9.23

Approved by: Xu Yanjun

Reviewed by: Yu Zijun

Tested by: Ou Jiamian

XuYanjun

YuZijun

Ou Jiamian

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Description and illustration of the sample:



Figure 1: Sample photo

Description of the sampling procedure:

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Remarks:

The actually manufacturer: ZHEJIANG HOWELL ILLUMINATING TECHNOLOGY CO.,LTD.

The actually manufacturer address: 1228 Tanjialing West Road, Lanjiang Street, Yuyao City, Ningbo City, Zhejiang Province, China

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Summary of test items						
NO.	Sample Name	Test items	Technical requirements	Test Result	Judgment	Project details
1	UVC Air Disinfection Unit	Air disinfection simulation field test	Killing rate $\geq 99.9\%$	> 99.99	P	Presented on page 4

The air disinfection simulation field test

Tested Method: GB 28235-2020;

Test Strains:Staphylococcus albus (8032);

Technical Requirements: Killing rate $\geq 99.9\%$;

Test time:2h;

Test chamber: 20m³;

Test Result:

Sample Name	Test strains	Test time	NO.	Bacteria in the air (cfu/m ³)	Killing rate (%)	Average value (%)	Judgment
UVC Air Disinfection Unit	Staphylococcus albus (8032)	0h	1	6.2×10 ⁴	—	—	P
			2	6.8×10 ⁴	—		
			3	6.7×10 ⁴	—		
		2h	1	< 7	> 99.99	> 99.99	
			2	< 7	> 99.99		
			3	< 7	> 99.99		

Note: The killing rate test results have eliminated the influence of natural extinction factors of microorganisms in the air.

Important

1. The test report is invalid without the official stamp of CVC;
2. Any part photocopies of the test report are forbidden without the written permission from CVC;
3. The test report is invalid without the signatures of Author and Reviewer;
4. The test report is invalid if altered;
5. Objections to the test report must be submitted to CVC within 15 days;
6. Generally, commission test is responsible for the tested samples only;
7. As for the test result, “—” or “N” means “not applicable”, “ / ” means “not testing”, “P” means “pass” and “F” means “fail”.

** *If there is no CMA mark in the report, the test data and results are only for scientific research, teaching or internal quality control. * **

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