



中国认可  
国际互认  
检测

TESTING  
CNAS L0823



202019005395

# 广州市微生物研究所有限公司

GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

## 检测报告

## TEST REPORT

Report Number

QX20210282

Name of Sample

UVC Air Disinfection Unit

Applicant

Signify Luminaires  
(Shanghai) Co., Ltd.

检验检测专用章



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Test No. QX20210282

GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

TEST REPORT

Date Received: Jul. 02, 2021

Date Analyzed: Jul. 07, 2021

Name of Sample	UVC Air Disinfection Unit	Source of Sample	Delivery
Applicant	Signify Luminaires (Shanghai) Co.,Ltd.	Client	Kang yangying
Manufacturer	Zhejiang Howell Illuminating Technology Co.,Ltd.	Brand	—
Type and Specification	UVCA210	Quantity of Sample	1 Set
Date of Production	2021/05/28	State of Sample	Machine
Batch Number	—	Packing of Sample	In box
Standard and Methods	1. #GB 28235-2020 Hygienic requirements for ultraviolet appliance of disinfection 2. GB/T 14294-2008 Central-station air handling units		
Items of Analysis	Circulating air volume		
Remarks	Applicant Address:2F,Building 1,No.2555,Hechuan Road,Minhang District,Shanghai; Manufacturer Address:No.1228 Tanjialing West Road,Lanjiang Street,Yuyao,Ningbo, Zhejiang,China.		

\*\*\*To be continued\*\*\*



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### Test for Circulating air volume:

#### 1. Test conditions

- 1) Environmental temperature: 25.3 °C;
- 2) Environmental humidity: 57%RH;

#### 2. Test equipment

Hot ball type smart anemometer

#### 3. Machine operating status

During the test, "the highest wind speed" mode was turned on.

#### 4. Test method

- 1) After the prototype is turned on the corresponding gear, place points on the air outlet plane, measure the speed of each point on the selected plane with an anemometer, repeat the measurement 3 times, and take the average value;
- 2) Obtain the air volume from the plane wind speed and area of the air outlet.

#### 5. Calculation formula

Circulating air volume  $L = V \times A$

In the formula:

V—Sectional wind speed of air outlet, m/s;

A—Sectional area, m<sup>2</sup>.

### Test Results

Number of Sample	Circulating air volume (m <sup>3</sup> /h)
QX20210282-1	436

\*\*\* End of report\*\*\*

Editor

张静

Checker

徐国峰

Issuer

WQP

Date Reported

2021.7.10

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