

## TEST REPORT

Company: Puraclenz LLC  
30 Butler Lane  
CT 06840  
USA

Number: 21061034HKG-001

Date: 15 Jul 2021

### Sample Description

Product : Air Purifier  
Brand Name : N/A  
Model No. : P3000  
Product Rating : 110 / 220 V AC  
Bulb Type : Replaceable UVC tube  
No. of Samples : 1

Date Received : 18 Jun 2021

Date Test Conducted : 18 Jun 2021 to 05 Jul 2021

Test Requested : Test for compliance with IEC 62471:2006

Test Method : IEC 62471:2006

Test Result : See the attached sheets.

Conclusion : The apparatus was classified as **Exempt Group** according to the standard.

Remark :  
1. When determining the test result, the measurement uncertainty of test has been considered.  
2. This report applies only to the specific tests carried out as detailed in the report.  
3. This test report is issued to the Company indicated based on the request of the Applicant of the product mentioned in this report.  
4. The test report is modification of previous report number 21041797HKG-001 dated 04 Jun 2021 due to Sample Description revised from "Non-Replaceable LED Light Bulb" to "Replaceable UVC tube". No test was conducted and complied.

\*\*\*\*\* End of Page \*\*\*\*\*

Tested by:

Approved by:



Digitally signed by Wing  
Tsoi  
Location: Intertek  
Testing Services Limited



Digitally signed by  
James Wong  
Location: Intertek  
Testing Services Limited

Tsoi Tsz Wing, Wing  
Engineer

Wong Wang Lung, James  
Assistant Supervisor

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The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.

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## TEST REPORT

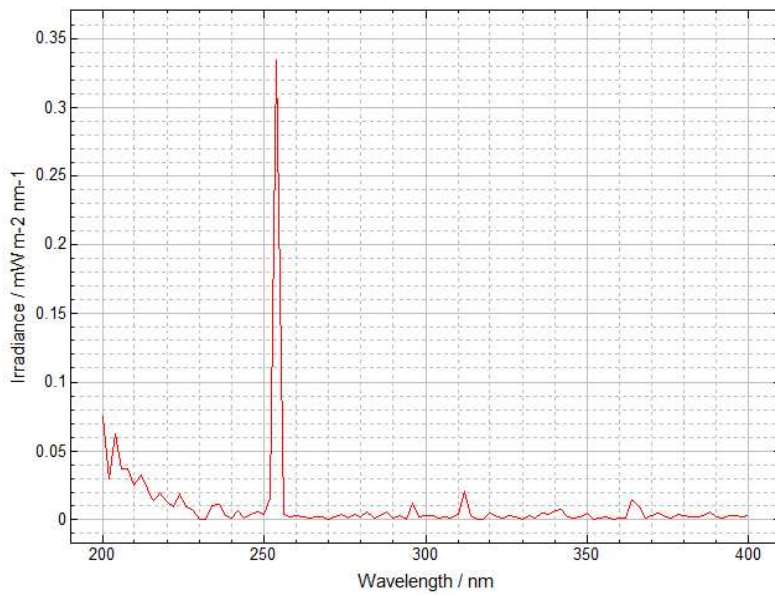
### NOTE:

Test condition: 2mm metal cover  
Projected Color: Colorless  
Electrical Rating: 220V AC  
Measured Distance: 200 mm

### Test Results:

#### 1. Spectral Distribution

Irradiance:



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**TEST REPORT**

TEST RESULTS:

2. Angular subtense of apparent source

$\alpha = 100 \text{ mrad}$

3. Classification

Risk	Action Spectrum	Symbol	Units	Emission Measurement Exempt	
				Limit	Result
Actinic UV	SUV( $\lambda$ )	Es	W•m-2	0,001	5,25E-04
Near UV		EUVA	W•m-2	10	2,5E-04
Blue light	B( $\lambda$ )	LB	W•m-2•sr-1	100	N/A
Blue light, small source	B( $\lambda$ )	EB	W•m-2	1,0*	N/A
Retinal thermal	R( $\lambda$ )	LR	W•m-2•sr-1	28000/ $\alpha =$ 280000	N/A
Retinal thermal, weak visual stimulus**	R( $\lambda$ )	LIR	W•m-2•sr-1	6000/ $\alpha =$ 60000	N/A
IR radiation, eye		EIR	W•m-2	100	N/A

\* Small source defined as one with  $\alpha < 0.011$  radian. Averaging field of view at 10000 s is 0.1 radian.  
\*\* Involves evaluation of non-GLS source

Conclusion: Exempt Group

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## TEST REPORT

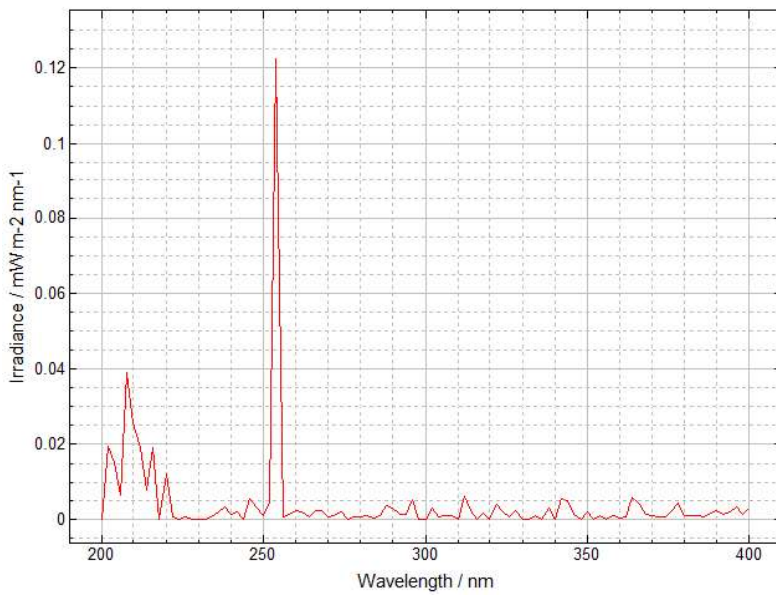
### NOTE:

Test condition: 1mm metal cover  
Projected Color: Colorless  
Electrical Rating: 220V AC  
Measured Distance: 200 mm

### Test Results:

#### 1. Spectral Distribution

Irradiance:



\*\*\*\*\* End of Page \*\*\*\*\*

**TEST REPORT**

TEST RESULTS:

2. Angular subtense of apparent source

$\alpha = 100 \text{ mrad}$

3. Classification

Risk	Action Spectrum	Symbol	Units	Emission Measurement Exempt	
				Limit	Result
Actinic UV	SUV( $\lambda$ )	Es	W•m-2	0,001	2,14E-04
Near UV		EUVA	W•m-2	10	1,4E-04
Blue light	B( $\lambda$ )	LB	W•m-2•sr-1	100	N/A
Blue light, small source	B( $\lambda$ )	EB	W•m-2	1,0*	N/A
Retinal thermal	R( $\lambda$ )	LR	W•m-2•sr-1	28000/ $\alpha =$ 280000	N/A
Retinal thermal, weak visual stimulus**	R( $\lambda$ )	LIR	W•m-2•sr-1	6000/ $\alpha =$ 60000	N/A
IR radiation, eye		EIR	W•m-2	100	N/A

\* Small source defined as one with  $\alpha < 0.011$  radian. Averaging field of view at 10000 s is 0.1 radian.  
\*\* Involves evaluation of non-GLS source

Conclusion: Exempt Group

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### APPENDIX A:

Table of critical components and materials

Object/ Part No.	Manufacturer/ Trademark	Type/ Model	Technical Data	Standard	Mark(s) of Conformity
UV tube	Foshan City Nanhai District Fengyun Electronic Technology Co., Ltd	U118 tube	$I_F = 5 \text{ mA}$ $V_F = 550 \text{ V}$	IEC 62471	Tested with appliance

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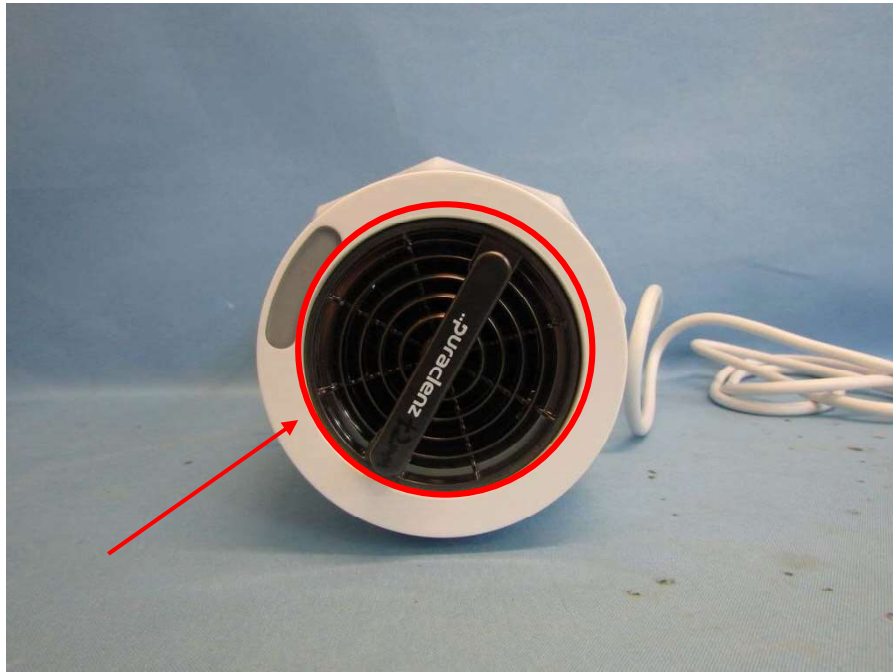
**TEST REPORT**

APPENDIX B:

Product Photo:



Outlook



LED to measured

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