

# Test report

Report No.: GZEE220700246131

Date: 2022-08-24

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

Applicant: NISTU  
HK Unitd 16/F One Capital place 18 LUARD road, Wanchai, Hong kong

Manufacturer: Same as applicant

Testing location/address: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch  
198 Kezhu Road, Science City, Economic & Technology Development Area,  
Guangzhou, Guangdong, China

Test Requested: UVC radiation illuminaton Test as Requested by applicant

Test Method: Entrust test according to applicant's requirements

Test item description: Upper Air UVGI

Trade Mark: URSA 28

Model/Type for test: WWW.reflectair.com

Ratings: 220-240 V, 50/60 Hz; 28 W; 210-240 nm

Test result: See Page 3

Remark: Throughout this report a point is used as the decimal separator.

Alex Tan  
Reviewer  
E&E Safety Laboratory

Venice Liu / Zick Wu  
Project Engineer



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<b>Copy of marking plate:</b>	
N/A	
<b>Summary of testing:</b>	
UVC radiation illuminaton tests were performed according to particular requirements of client. The tests were conducted to measure the level for 0.2 and 0.6 uW/cm <sup>2</sup> . The test results only relate to the device and not to the level of the customer's installation.	
<b>Test item particulars</b> .....	
Temperature by measurement .....	25 °C ± 5 °C
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object .....	N/A (not applicable)
- test object does meet the requirement.....	P (Pass)
- test object does not meet the requirement .....	F (Fail)
<b>Testing</b>	
Date of receipt of test item .....	2022-08-10
Date (s) of performance of tests .....	2022-08-10 to 2022-08-24
<b>General product information:</b>	
This product can emit UV light when powered.	



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Test Results

The device WWW.reflectair.com was installed at 1.95 m height.

Distance in meter in front of the device where the irradiance is measured (m)	0.2 uW/cm <sup>2</sup>	0.6 uW/cm <sup>2</sup>
		Ursa projector being at 1.95m arbitrary, the level at which the irradiance reaches 0.2 or 0.6 uW/cm <sup>2</sup> respectively
1	1.52 m	1.63 m
2	1.52 m	1.66 m
3	1.62 m	1.73 m
4	1.64 m	1.78 m
5	1.69 m	1.81 m
6	1.75 m	1.82 m
7	1.74 m	1.79 m

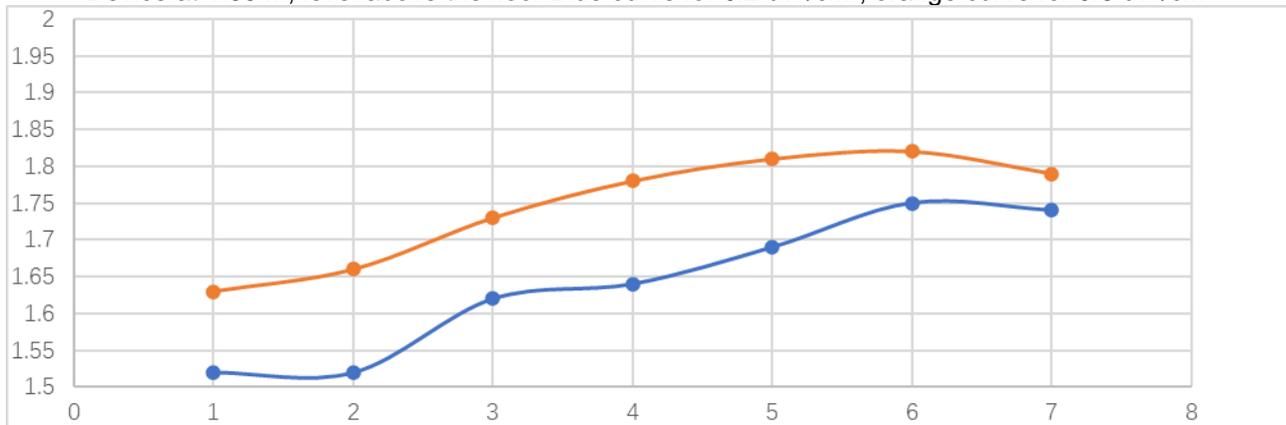
Distance in meter in front of the device where the irradiance is measured (m)	0.2 uW/cm <sup>2</sup>	0.6 uW/cm <sup>2</sup>
		Level down from the projector Ursa where the irradiance reaches 0.2 respectively 0.6 uW/cm <sup>2</sup>
1	-0.43 m	-0.32 m
2	-0.43 m	-0.29 m
3	-0.33 m	-0.22 m
4	-0.31 m	-0.17 m
5	-0.26 m	-0.14 m
6	-0.20 m	-0.13 m
7	-0.21 m	-0.16 m



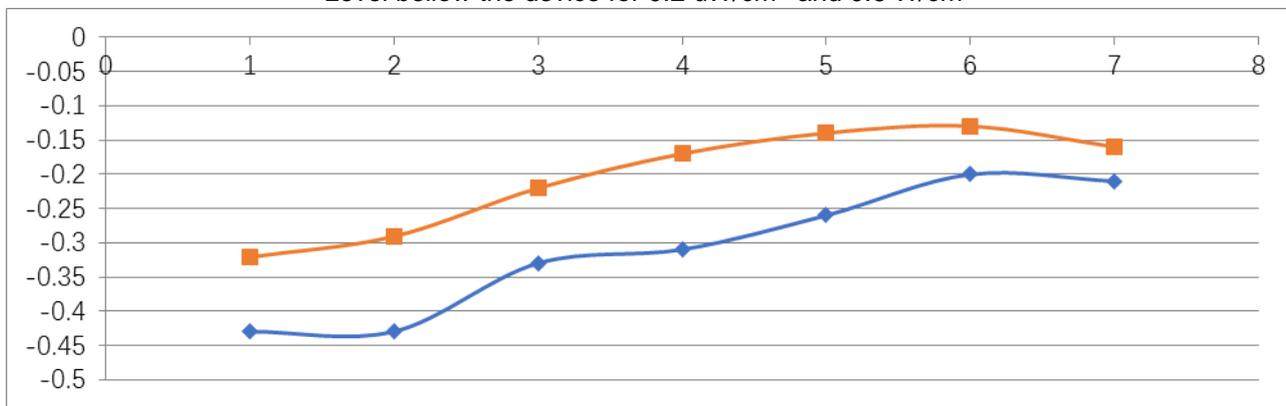
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Device at 1.95 m, level above the floor Blue curve for 0.2  $\mu\text{W}/\text{cm}^2$ , orange curve for 0.6  $\mu\text{W}/\text{cm}^2$



Level below the device for 0.2  $\mu\text{W}/\text{cm}^2$  and 0.6  $\text{W}/\text{cm}^2$



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ANNEX 1: Photo documentation

Details of: View of model WWW.reflectair.com

View:

general

front

rear

right

left

top

bottom



- - - End of Report - - -



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