



Test Report

NBF20-002194-10

Date: 14 May 2020

Client Name: AEC Lighting Solutions Co., Ltd.
Client Address: 2548 Baoan Road, Jiading District Shanghai, China

Sample Name: Intelligent UV & Ozone sterilization case MINI(UVP301R/ UVP302R/
UVP303R/ UVP304R)
Manufacturer: AEC Lighting Solutions Co., Ltd.
Sample Batch No.: /
Production Date: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Date of Sample Received: 09 Apr 2020
Testing Period: 09 Apr 2020 – 14 May 2020
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to the next page(s)
Test Result(s): Please refer to the next page(s)

Chinese shall prevail in this report.

Unless otherwise stated the results shown in this test report refer only to the items tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for publicity, without prior written approval of the SGS.



scan to see the report



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SGS Authorized Signature

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Ningbo Branch Agricultural and Food Laboratory

NO.3, NO.4 Building Lingyun Industry Park, No.1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t 400-691-0488 f (86-574) 8752 9318 www.sgsgroup.com.cn
中国·浙江·宁波市国家高新区凌云路1177号凌云产业园3号楼, 4号楼 邮编: 315040 t 400-691-0488 f (86-574) 8752 9318 e sgs.china@sgs.com

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Date: 14 May 2020

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF20-002194.002	Intelligent UV & Ozone sterilization case MINI(UVP301R/ UVP302R/ UVP303R/ UVP304R)

TEST REQUESTED:

Selected test(s) as requested by applicant: Put the slide in the center of the bottom of the sterilization box, turn on the ultraviolet sterilization function for 38 seconds, and then the Escherichia coli, and Pseudomonas aeruginosa were tested; turn on the ultraviolet sterilization function for 60 seconds, and then the Staphylococcus aureus were tested.

TEST STRAIN(S):

Escherichia coli CICC 10389
Staphylococcus aureus ATCC 6538
Pseudomonas aeruginosa ATCC 9027

Test Method:

Escherichia coli, Staphylococcus aureus and Pseudomonas aeruginosa removal rate:
Refer to Ministry of health of the People's Republic of China, Technical Standard For disinfection (2002) 2.1.5.4& GB/T 5750.12- Standard examination methods for drinking water—Microbiological parameters

Test Result(s):

Escherichia coli test result:

Test strains	Exposure time	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)*(%)
				Control group	Sample group	
Escherichia coli	38s	CFU/pc	1	8.3×10 ⁵	1.5×10 ²	99.98
			2		2.3×10 ²	99.97
			3		1.0×10 ²	99.99

Pseudomonas aeruginosa test result:

Test strains	Exposure time	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)*(%)
				Control group	Sample group	
Pseudomonas aeruginosa	38s	CFU/pc	1	5.7×10 ⁵	<10	>99.99
			2		<10	>99.99
			3		<10	>99.99

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中国·浙江·宁波市国家高新区凌云路1177号凌云产业园3号楼, 4号楼 邮编: 315040 t 400-691-0488 f (86-574) 8752 9318 e sgs.china@sgs.com



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Staphylococcus aureus test result:

Test strains	Exposure time	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)* (%)
				Control group	Sample group	
Staphylococcus aureus	60s	CFU/pc	1	1.0×10 ⁵	< 10	> 99.99
			2		< 10	> 99.99
			3		< 10	> 99.99

Remark: 1. Removal rate (%) = (result of Control group – result of Sample group) / result of Control group × 100%

Sample photo:



NBF20-002194.002

SGS authenticate the photo on original report only

*** End ***



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