



**Test Report**

NBF20-002194-06

Date: 28 Apr 2020

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

Sample Name: Intelligent UV & Ozone sterilization case PLUS(UVP401R/ UVP402R/  
UVP403R/ UVP404R)  
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 - 28 Apr 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.**



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SGS Authorized Signature

SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

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SGS-CSTC Standards Technical Services Co., Ltd.  
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](mailto:sgs.china@sgs.com)

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Date: 28 Apr 2020

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF20-002194.001	Intelligent UV & Ozone sterilization case PLUS(UVP401R/ UVP402R/ UVP403R/ UVP404R)

**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 160 seconds, and then the Escherichia coli, Staphylococcus aureus and Pseudomonas aeruginosa 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	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)*(%)
			Control group	Sample group	
Escherichia coli	CFU/pc	1	8.3×10 <sup>5</sup>	<10	>99.99
		2		<10	>99.99
		3		<10	>99.99

Staphylococcus aureus test result:

Test strains	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)*(%)
			Control group	Sample group	
Staphylococcus aureus	CFU/pc	1	5.4×10 <sup>5</sup>	<10	>99.99
		2		<10	>99.99
		3		<10	>99.99



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Pseudomonas aeruginosa test result:

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

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

### Sample photo:



SGS authenticate the photo on original report only  
 \*\*\* End \*\*\*

