

## Test Report

NBF20-002194-02

Date: 21 Apr 2020

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

Sample Name: Intelligent UV & Ozone sterilization bar (UVP201R/ UVP202R/ UVP203R)  
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 - 21 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.**

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scan to see the report



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SGS Authorized Signature

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**Test Report**

NBF20-002194-02

Date: 21 Apr 2020

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF20-002194.004	Intelligent UV & Ozone sterilization bar (UVP201R/ UVP202R/ UVP203R)

**TEST REQUESTED:**

Selected test(s) as requested by applicant: The UV Lamp was turned on at 5mm away from the slide for 3 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 organisms	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)* (%)
			Control group	Sample group	
Escherichia coli	CFU/pc	1	3.2×10 <sup>5</sup>	<10	>99.99
		2		<10	>99.99
		3		<10	>99.99

Staphylococcus aureus test result:

Test organisms	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)* (%)
			Control group	Sample group	
Staphylococcus aureus	CFU/pc	1	1.6×10 <sup>5</sup>	1.2×10 <sup>3</sup>	99.25
		2		2.3×10 <sup>3</sup>	98.56
		3		1.5×10 <sup>3</sup>	99.06



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Pseudomonas aeruginosa test result:

Test organisms	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)* (%)
			Control group	Sample group	
Pseudomonas aeruginosa	CFU/pc	1	1.7×10 <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:



NBF20-002194.004

SGS authenticate the photo on original report only

\*\*\* End \*\*\*



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