

Test Report

Report No.: 220221170GZU-001

Date: Apr 2, 2022

Applicant: ETI Solid State Lighting (Zhuhai) Ltd

No.1, Zhongzhu Road South, Science & Technology
Innovation Coast, High Tech District, Zhuhai City, Guangdong
Prov., China

Sample Description:

The following submitted sample(s) said to be:

Item Name : **plasma LED downlight**
Reference No. : 559011###
(The first ## maybe 00-99 represents different LED color
temperature and the last # maybe 0-9 or blank for internal use.)
Date of Sample Received : Mar 9, 2022
Testing Period : Mar 9, 2022 to Mar 27, 2022

Tests conducted:

As requested by the applicant, refer to following page(s) for details.

Conclusion:

Tested Sample	Test Item	Result
Tested component of submitted sample	Air virus elimination effect	See test conducted

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch:
Prepared by:



Bryce Lai
Project Engineer



Reviewed by:



Silva Zhou
Asst. Manager



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Test Results:

<u>Virus and host cell</u>	<u>Action Time</u>	<u>Serial Number</u>	<u>Air virus content (TCID₅₀/m³)</u>	<u>Removal rate (%)</u>
Influenza A virus H1N1: A/PR/8/34 (ATCC VR-1469) Host cell: MDCK	0 (CK)	1	5.13x10 ⁶	--
		2	5.13x10 ⁶	--
		3	5.13x10 ⁶	--
	2 h	1	6.76x10 ²	99.93
		2	1.10x10 ³	99.92
		3	1.38x10 ³	99.90

Note: The natural decay of the microorganisms in the air has been eliminated.

Test Procedure:

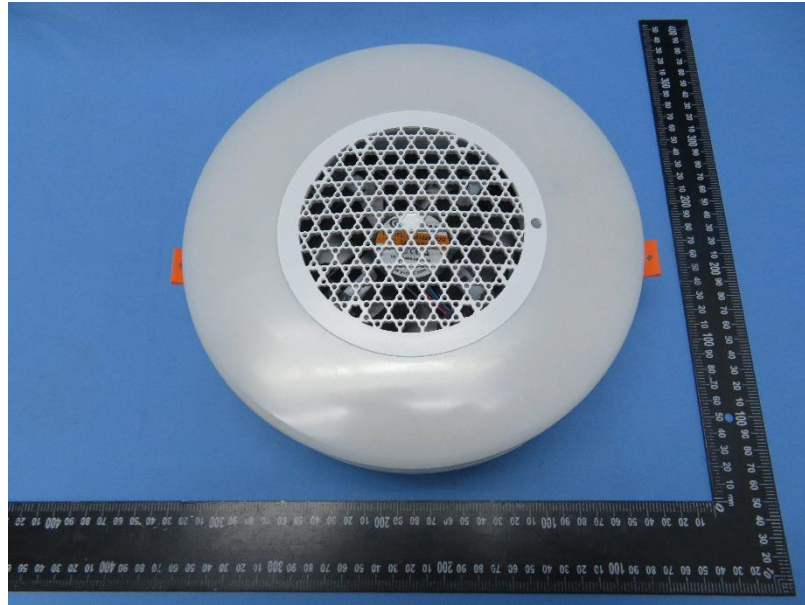
Two machines were placed in a 20m³ test chamber at the same time, and turned on the second gear high-speed sterilization for the experiment.

Remark:

Test was conducted in accredited laboratory (Guangdong Detection Center of Microbiology).



Sample photo



End of report

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