SOUTH QUALITY

PROFICIENCY TESTING PROVIDER

REPORT No 11544

Date of issue: *March 27, 2026*

Status: FINAL REPORT

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IEC 62471-6

PHOTOBIOLOGICAL SAFETY OF LAMPS AND LAMP SYSTEMS - ULTRAVIOLET LAMP PRODUCTS -

Program: SQO-6538.V2 Round 1

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Prepared by:	Reviewed by:	Approved by:
cn=VALENTYN E. KRAVCHENKO, o=PT SOUTH QUALITY SAS, ou=SOUTH QUALITY, email=tech@ptsouthquality.com, c=AR 2026.03.27 16:39:56 -03'00'	cn=ESTEBAN DI MARCO, o=PT SOUTH QUALITY SAS, ou=SOUTH QUALITY, email=edimarco@ptsouthquality.com, c=AR 2026.03.30 11:11:33 -03'00'	cn=Emiliano Medina, o=SOUTH QUALITY, ou=PT SOUTH QUALITY SAS, email=quality@ptsouthquality.com, c=ES 2026.03.30 15:49:23 -03'00'
Valentyn Kravchenko Assistant Technician	**Eng. Esteban Di Marco** Electromechanical expert	**Eng. Emiliano Medina** Quality Assurance Lead

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1. FOREWORD

This report summarizes the results of the **SQ-6538.V2 (Round 1)** proficiency testing program regarding the verification of compliance with safety requirements for optical radiation from ultraviolet lamps. This program is carried out under a simultaneous participation format, according to the A.3.1 classification of the ISO 17043 standard ("Model 2 - Figure A.1").

South Quality conducted the testing program from December 2025 with the aim of assessing the laboratory's ability to competently perform the designated tests.

2. ORGANIZATION

Program Coordinator:	Eng. Esteban Di Marco
Assistant Technician:	Valentyn Kravchenko
Statistic:	Lic. Manuel Tozaki
Supervision:	Eng. Emiliano Medina

3. OBJECTIVE

The objective of this proficiency testing program is to verify safety requirements for optical radiation from ultraviolet lamps using the following standard:

Standard
IEC 62471-6: 2022

To verify this, batches of ultraviolet lamps have been selected.

Participants in this program have not been previously informed about the expected results of the samples they receive.

4. PARTICIPANTS

In the present round, 8 laboratories have participated with the following details:

CODE	Country	ISO 17025 Accredited	Results delivered
01	Italy	Yes	Yes
02	Brazil	No	Yes
03	Portugal	No	Yes
04	Argentina	Yes	Yes
05	England	Yes	Yes
06	Germany	Yes	Yes
07	Australia	Yes	Yes
08	Malaysia	Yes	Yes

5. HOMOGENEITY

Several batches were prepared identically by the staff at South Quality.

Subsequently, a homogeneity study was conducted with an ISO 17025 accredited laboratory.

The control process followed ISO 33405: 2024, clauses 7.4.1.1 / 7.4.1.2. Stratified random sampling was applied, and the samples were selected using random-number-generation software.

The results of this test are presented below:

Size of each batch: **50 samples** Tested samples from each batch: **10 samples**

DETERMINATION	HOMOGENEITY OF RESULTS IN THE ANALYZED SAMPLES		
	BATCH: LL3039	BATCH: LL3040	BATCH: LL3041
UV RADIATION	YES	YES	YES

Samples for this program are taken from the selected batch identified as **LL3041**.

For the indicated batch, the values determined in the homogeneity study are utilized as the assigned values.

The analysis of the test data indicated that the selected samples exhibited sufficient homogeneity for the program. Therefore, the results of participants identified as outliers cannot be attributed to sample variability.

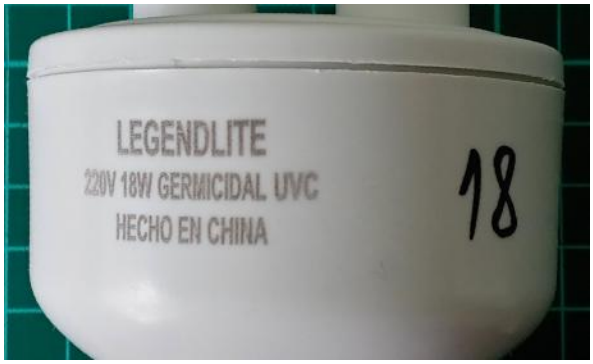
6. SAMPLE INFORMATION

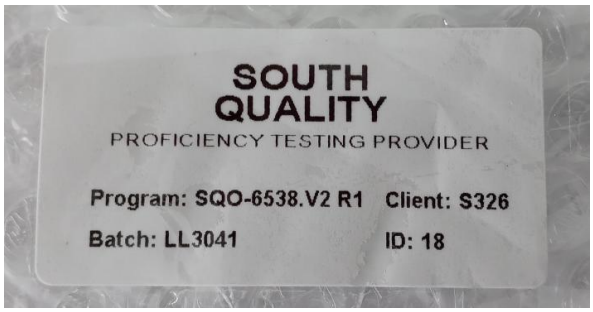
The following samples was sent for testing (Participant **Code 08**):

Batch:	LL3041
Sample ID:	18
Characteristics:	UV germicidal (UV-C) lamp - 220V 18W E27

7. IMAGES

SAMPLE





8. ASSIGNED VALUES

The assigned values are obtained from the results reported by all participants (**Consensus values**).

9. STATISTICS

The results must be treated as qualitative.

For qualitative results, the comparison will be made directly against the assigned values, so any difference will be evaluated as **Unsatisfactory**.

10. PARTICIPANT RESULTS

REQUIREMENT	LABORATORY CODE								CONSENSUS VALUE
	01	02	03	04	05	06	07	08	
Compliance verification with RG-2 limits	FAIL	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL

11. EVALUATION OF PERFORMANCE

Laboratory **Code 01**: The laboratory has obtained a **SATISFACTORY** result.

Laboratory **Code 02**: The laboratory has obtained a **SATISFACTORY** result.

Laboratory **Code 03**: The laboratory has obtained **UNSATISFACTORY** result.

Laboratory **Code 04**: The laboratory has obtained a **SATISFACTORY** result.

Laboratory **Code 05**: The laboratory has obtained a **SATISFACTORY** result.

Laboratory **Code 06**: The laboratory has obtained a **SATISFACTORY** result.

Laboratory **Code 07**: The laboratory has obtained a **SATISFACTORY** result.

Laboratory **Code 08**: The laboratory has obtained a **SATISFACTORY** result.

12. CONCLUSIONS

The overall performance in this **SQ-6538.V2 (Round 1)** by the participating laboratories, based on the expected results, is as follows:

- Participants Codes **01, 02, 04, 05, 06, 07** and **08** has obtained a **SUFFICIENT** performance according to the expected results and should not take action;

- Participant Code **03** has obtained an **INSUFFICIENT** performance in accordance with the expected results and must take action regarding the performed test (See **Appendix B**).

The criteria used for evaluating the overall performance are as follows:

- **SUFFICIENT** performance: No unsatisfactory results obtained.

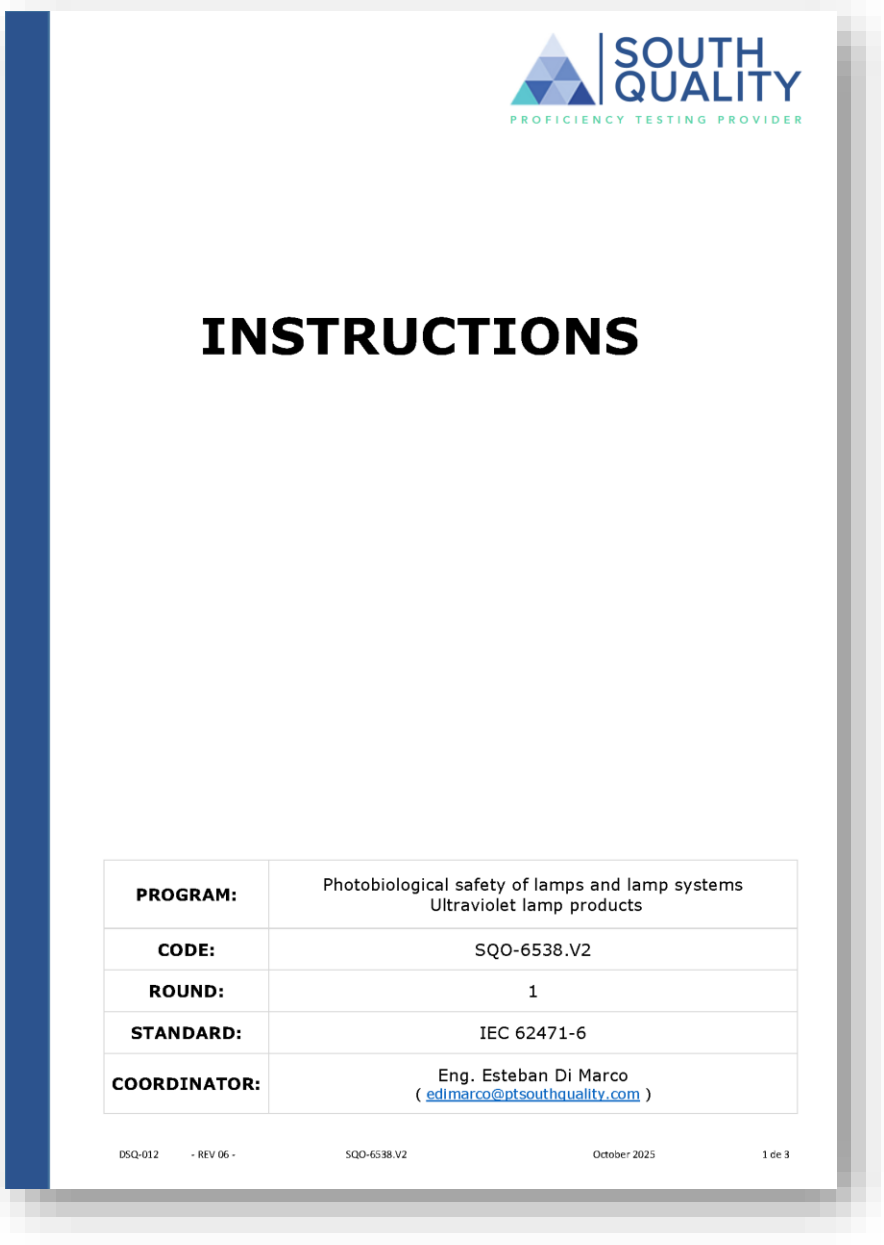
- **INSUFFICIENT** performance: An unsatisfactory result was obtained.

APPENDIX A

A1 - PARTICIPANT DATA

Company:	**SIRIM QAS INTERNATIONAL SDN. BHD.**
Laboratory:	**ENERGY EFFICIENCY LAMP LAB**
Country:	Malaysia
Client ID:	S326
Contact person:	Nor Azlina Muslim Electrical & Electronics 2 Section - Testing Services Department zlina@sirim.my

A2 - INSTRUCTIONS



INSTRUCTIONS

PROGRAM:	Photobiological safety of lamps and lamp systems Ultraviolet lamp products
CODE:	SQO-6538.V2
ROUND:	1
STANDARD:	IEC 62471-6
COORDINATOR:	Eng. Esteban Di Marco (edimarco@ptsouthquality.com)

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1 - **General**

This document is intended to be filled with the results of the **SQO-6538.V2 (Round 1)** program.

2 - **Standard**

IEC 62471-6: 2022

3 - **Participant**

SIRIM QAS INTERNATIONAL SDN. BHD. ENERGY EFFICIENCY LAMP LAB	**CODE 08**

4 - **Tests involved**

TEST
Verification of compliance with safety requirements for optical radiation from ultraviolet lamps (Compliance verification with RG-2 limits)

5 - **Samples**

CODE	CHARACTERISTICS	QUANTITY
LL3041-18	UV germicidal (UV-C) lamp – 220V 18W E27	1

6 - **Notes**

a) The deadline for the delivery of results is **November 28, 2025**.
b) The participant must submit the results using the usual report employed by their laboratory.
c) The samples are to be handled as routine lab samples, with all testing, documentation, and reporting adhering to **IEC 62471-6**.
d) Samples must be retained until the end of the program, which concludes with the submission of the final report.
e) To review the results, test images would be appreciated. Images can be attached at the end of this document or sent by email.

PHOTOGRAPHS

A3 - PARTICIPANT RESULTS

SIRIM QAS International Sdn. Bhd.
(Company No.: 199601037981 (410334-X))
No.1, Persiaran Dato' Menteri, P.O.BOX 7035, Section 2,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 0355446256
www.sirim-qas.com.my

TEST REPORT (DRAFT)

REPORT NO : NA	PAGE : 1 OF 9

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Applicant	: PT SOUTH QUALITY SAS Pareja 3981, Villa Devoto (C1419GVG) Ciudad Autónoma de Buenos Aires, ARGENTINA.
Manufacturer	: Luz Verde Iluminacion SRL
Product	: Germicidal UVC Lamp
Reference Standard / Method of Test	: IEC 62471-6:2022 (Photobiological safety of lamps and lamp systems – Part 6 : Ultraviolet lamp products
Description of sample/ Description of Test Specimen	: Brand Name : Legendlite Model / Type : Germicidal UVC 220V 18W E27 Rating Voltage : 220 V~ Frequency : 50 Hz Power : 18 W

Disclaimer: All the information stated above has been provided/agreed by the Applicant. SIRIM QAS International Sdn. Bhd. shall not be held responsible for the accuracy, completeness, or validity of the information provided by the Applicant which may affect the validity of the test results. The accuracy and reliability of the test results are contingent upon the integrity and accuracy of the information provided by the Applicant.

Date Received of Complete Application	: 11 November 2025
Job No.	: NA
Description of Test Results/ Overall Test Result	: The test results of the submitted test sample are described in SUMMARY OF RESULT/S of this test report.
Issued Date	: 24 December 2025

Approved Signatory;

.....
(NOR AZLINA BINTI MUSLIM)
Senior Testing Engineer

.....
(MUHAMAD ISKANDAR SHAH BIN BACHEK)
Head
Electrical & Electronics 2 Section
Testing Services Department

DRAFT
SIRIM QAS INTERNATIONAL

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SUMMARY OF TESTS:

1. This is a type test report as requested by applicant.

2. All tests were carried out on one submitted sample marked with model/type Legendlite Germicidal UVC 220V 18W E27.

3. All the tests were carried out at ambient temperature of 25 ± 5 °C and at rated voltage/frequency of 220 V/50 Hz and below measurement conditions:

4. Measurement details:

i)	Source dimensions	:	40 mm x 80 mm
ii)	Wavelength Range	:	200 - 400 nm
iii)	Assessment distance	:	500 mm
iv)	Aperture limiting angular subtense	:	1.4 rad
v)	Test voltage (V)	:	220.03 V
vi)	Test current (A)	:	111.49 mA
vii)	Test wattage (W)	:	13.307 W
viii)	Temperature (°C)	:	24.4°C

5. All the tests were conducted at SIRIM QAS International Sdn. Bhd. testing laboratory.

SUMMARY OF RESULT/S:

1. Photobiological safety of lamps and lamp systems for submitted sample was evaluated according to requirements of IEC 62471-6:2022 and classified as below:

Hazard	Lamp classification group
IEC 62471-6 : 2022	Risk group 3 (High Risk)
Actinic UV	Risk group 3 (High Risk)
Near UV	Exempt

2. The sample did not comply to Clause 6 Engineering requirements for RG-2 and RG-3 and Clause 7 Information and labelling – Manufacturer's requirements of IEC 62471-6:2022.

3. Simple Acceptance Rule is used for conformity statement. The level of risk regarding the Probability of False Accept is up to 50%.

SIRIM QAS International Sdn. Bhd. ELECTRICAL & ELECTRONICS SECTION (TEST 2)

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ADDITIONAL INFORMATION:

1. Tested by: Muhammad Fahmi Bin Md Yasin.
2. Checked by: Wan Muhammad Asyraf Bin Wan Mohd Zamani.
3. Date of test item(s) received : 07 NOVEMBER 2025 (Sample – 01 unit).
4. Date of test performed : 18 NOVEMBER 2025 - 19 DECEMBER 2025.

MEASUREMENT RESULT/S:

Hazard	Symbol	Definition	Result
Actinic UV Hazard	E_s	$E_s = \sum_{200\ nm}^{400\ nm} E_\lambda \cdot S_{UV}(\lambda) \cdot \Delta\lambda$	0.8826 W/m²
Actinic UV Hazard	E_s^{200mm}	$E_s^{200mm} = \sum_{200\ nm}^{400\ nm} E_\lambda \cdot S_{UV}(\lambda) \cdot \Delta\lambda$	4.699 W/m²
UV-A Hazard	E_{UVA}	$E_{UVA} = \sum_{315\ nm}^{400\ nm} E_\lambda \cdot \Delta\lambda$	0.0584 W/m²
UV-A Hazard	E_{UVA}^{200mm}	$E_{UVA}^{200mm} = \sum_{315\ nm}^{400\ nm} E_\lambda \cdot \Delta\lambda$	0.3109 W/m²

SIRIM QAS International Sdn. Bhd. ELECTRICAL & ELECTRONICS SECTION (LEST2)

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Spectral radiance 200.0-400.0 nm at 200.0 mm with Aperture limiting angular subtense = 1.4 rad

Wavelength nm	Spectral radiance mW/m²/nm	Wavelength nm	Spectral radiance mW/m²/nm	Wavelength nm	Spectral radiance mW/m²/nm
200	$4.234 \cdot 10^{-5}$	278	0.0016	356	$4.246 \cdot 10^{-4}$
202	0	280	0.0047	358	$6.038 \cdot 10^{-4}$
204	$7.117 \cdot 10^{-5}$	282	0.0022	360	$9.184 \cdot 10^{-4}$
206	$4.707 \cdot 10^{-5}$	284	0.0015	362	0.0014
208	$2.368 \cdot 10^{-5}$	286	0.0015	364	0.0836
210	0	288	0.0046	366	0.0234
212	0	290	0.0025	368	0.0016
214	$1 \cdot 10^{-5}$	292	0.0022	370	0.0015
216	$8.934 \cdot 10^{-6}$	294	0.0012	372	0.0015
218	$2.861 \cdot 10^{-6}$	296	0.0367	374	0.0015
220	$6.599 \cdot 10^{-6}$	298	0.0012	376	0.0016
222	$5.44 \cdot 10^{-6}$	300	$9.567 \cdot 10^{-4}$	378	0.0017
224	$4.852 \cdot 10^{-6}$	302	0.0185	380	0.0019
226	$1.657 \cdot 10^{-4}$	304	$7.307 \cdot 10^{-4}$	382	0.002
228	$1.256 \cdot 10^{-5}$	306	$5.867 \cdot 10^{-4}$	384	0.0021
230	$6.624 \cdot 10^{-5}$	308	$5.163 \cdot 10^{-4}$	386	0.0021
232	$2.346 \cdot 10^{-5}$	310	$9.765 \cdot 10^{-4}$	388	0.0021
234	$1.203 \cdot 10^{-4}$	312	0.1151	390	0.0025
236	$5.241 \cdot 10^{-5}$	314	0.0089	392	0.0021
238	$5.377 \cdot 10^{-4}$	316	$9.252 \cdot 10^{-4}$	394	0.0022
240	$3.593 \cdot 10^{-4}$	318	$6.291 \cdot 10^{-4}$	396	0.0022
242	$3.194 \cdot 10^{-5}$	320	$4.17 \cdot 10^{-4}$	398	0.0022
244	$2.027 \cdot 10^{-4}$	322	$2.917 \cdot 10^{-4}$	400	0.0029
246	$5.268 \cdot 10^{-4}$	324	$2.62 \cdot 10^{-4}$		
248	0.0034	326	$2.545 \cdot 10^{-4}$		
250	0.0172	328	$2.429 \cdot 10^{-4}$		
252	0.3768	330	$2.478 \cdot 10^{-4}$		
254	4.162	332	0.0017		
256	0.0341	334	0.0048		
258	0.0078	336	$2.458 \cdot 10^{-4}$		
260	$4.212 \cdot 10^{-4}$	338	$2.192 \cdot 10^{-4}$		
262	$7.763 \cdot 10^{-4}$	340	$1.998 \cdot 10^{-4}$		
264	0.0087	342	$1.95 \cdot 10^{-4}$		
266	0.0033	344	$1.983 \cdot 10^{-4}$		
268	$9.086 \cdot 10^{-4}$	346	$2.189 \cdot 10^{-4}$		
270	0.0015	348	$2.519 \cdot 10^{-4}$		
272	0.0012	350	$2.726 \cdot 10^{-4}$		
274	0.0029	352	$3.108 \cdot 10^{-4}$		
276	0.0018	354	$3.558 \cdot 10^{-4}$		

SIRIM QAS International Sdn. Bhd. ELECTRICAL & ELECTRONICS SECTION (LEST2)

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Spectral radiance 200.0-400.0 nm at 500.0 mm with Aperture limiting angular subtense = 1.4 rad

Wavelength nm	Spectral radiance mW/m²/nm	Wavelength nm	Spectral radiance mW/m²/nm	Wavelength nm	Spectral radiance mW/m²/nm
200	2.359 · 10−5	278	3.115 · 10⁻⁴	356	8.149 · 10⁻⁵
202	0	280	8.734 · 10⁻⁴	358	1.159 · 10⁻⁴
204	4.777 · 10−5	282	4.147 · 10⁻⁴	360	1.731 · 10⁻⁴
206	0	284	2.961 · 10⁻⁴	362	2.571 · 10⁻⁴
208	2.013 · 10−5	286	3.058 · 10⁻⁴	364	0.0152
210	5.001 · 10−6	288	8.55 · 10⁻⁴	366	0.0046
212	4.578 · 10−6	290	4.755 · 10⁻⁴	368	2.957 · 10⁻⁴
214	2.211 · 10−5	292	4.226 · 10⁻⁴	370	2.91 · 10⁻⁴
216	6.496 · 10−6	294	2.262 · 10⁻⁴	372	2.752 · 10⁻⁴
218	5.929 · 10−6	296	0.0069	374	2.847 · 10⁻⁴
220	0	298	2.274 · 10⁻⁴	376	3.032 · 10⁻⁴
222	3.221 · 10−6	300	1.886 · 10⁻⁴	378	3.247 · 10⁻⁴
224	6.722 · 10−7	302	0.0034	380	3.539 · 10⁻⁴
226	2.596 · 10−5	304	1.421 · 10⁻⁴	382	3.719 · 10⁻⁴
228	3.046 · 10−6	306	1.137 · 10⁻⁴	384	3.931 · 10⁻⁴
230	1.33 · 10−5	308	9.903 · 10⁻⁵	386	4.021 · 10⁻⁴
232	6.642 · 10−6	310	1.855 · 10⁻⁴	388	4.014 · 10⁻⁴
234	2.412 · 10−5	312	0.0213	390	4.739 · 10⁻⁴
236	7.92 · 10−6	314	0.0016	392	3.972 · 10⁻⁴
238	1.093 · 10−4	316	1.762 · 10⁻⁴	394	4.193 · 10⁻⁴
240	6.631 · 10−5	318	1.203 · 10⁻⁴	396	4.188 · 10⁻⁴
242	5.939 · 10−6	320	8.018 · 10⁻⁵	398	4.179 · 10⁻⁴
244	3.337 · 10−5	322	5.627 · 10⁻⁵	400	5.571 · 10⁻⁴
246	1.026 · 10−4	324	5.05 · 10⁻⁵		
248	6.479 · 10−4	326	5.111 · 10⁻⁵		
250	0.0033	328	4.565 · 10⁻⁵		
252	0.0682	330	4.773 · 10⁻⁵		
254	0.8034	332	2.93 · 10⁻⁴		
256	0.0065	334	9.262 · 10⁻⁴		
258	0.0015	336	5.022 · 10⁻⁵		
260	9.125 · 10−5	338	4.155 · 10⁻⁵		
262	1.574 · 10−4	340	3.973 · 10⁻⁵		
264	0.0016	342	3.766 · 10⁻⁵		
266	6.576 · 10−4	344	3.803 · 10⁻⁵		
268	1.863 · 10−4	346	4.216 · 10⁻⁵		
270	3.027 · 10−4	348	5.302 · 10⁻⁵		
272	2.362 · 10−4	350	5.442 · 10⁻⁵		
274	5.536 · 10−4	352	6.077 · 10⁻⁵		
276	3.702 · 10−4	354	6.911 · 10⁻⁵		

SIRIM QAS International Sdn. Bhd. ELECTRICAL & ELECTRONICS SECTION (TEST 2)

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Spectral radiance 200.0-400.0 nm at 200.0 mm with Aperture limiting angular subtense = 1.4 rad

Wavelength nm	Spectral radiance mW/m²/nm	Wavelength nm	Spectral radiance mW/m²/nm	Wavelength nm	Spectral radiance mW/m²/nm
200	$7.953 \cdot 10^{-6}$	278	$8.761 \cdot 10^{-4}$	356	$7.974 \cdot 10^{-5}$
202	0	280	$4.102 \cdot 10^{-4}$	358	$1.134 \cdot 10^{-4}$
204	$1.337 \cdot 10^{-5}$	282	$2.832 \cdot 10^{-4}$	360	$1.725 \cdot 10^{-4}$
206	$8.841 \cdot 10^{-6}$	284	$2.873 \cdot 10^{-4}$	362	$2.597 \cdot 10^{-4}$
208	$4.448 \cdot 10^{-6}$	286	$8.634 \cdot 10^{-4}$	364	0.0157
210	0	288	$4.623 \cdot 10^{-4}$	366	0.0044
212	0	290	$4.197 \cdot 10^{-4}$	368	$2.939 \cdot 10^{-4}$
214	$1.878 \cdot 10^{-6}$	292	$2.178 \cdot 10^{-4}$	370	$2.906 \cdot 10^{-4}$
216	$1.678 \cdot 10^{-6}$	294	0.0069	372	$2.774 \cdot 10^{-4}$
218	$5.373 \cdot 10^{-7}$	296	$2.205 \cdot 10^{-4}$	374	$2.853 \cdot 10^{-4}$
220	$1.239 \cdot 10^{-6}$	298	$1.797 \cdot 10^{-4}$	376	$3.034 \cdot 10^{-4}$
222	$1.022 \cdot 10^{-6}$	300	0.0035	378	$3.279 \cdot 10^{-4}$
224	$9.113 \cdot 10^{-7}$	302	$1.372 \cdot 10^{-4}$	380	$3.547 \cdot 10^{-4}$
226	$3.112 \cdot 10^{-5}$	304	$1.102 \cdot 10^{-4}$	382	$3.73 \cdot 10^{-4}$
228	$2.36 \cdot 10^{-6}$	306	$9.698 \cdot 10^{-5}$	384	$3.929 \cdot 10^{-4}$
230	$1.244 \cdot 10^{-5}$	308	$1.834 \cdot 10^{-4}$	386	$4.02 \cdot 10^{-4}$
232	$4.406 \cdot 10^{-6}$	310	0.0216	388	$4.025 \cdot 10^{-4}$
234	$2.259 \cdot 10^{-5}$	312	0.0017	390	$4.729 \cdot 10^{-4}$
236	$9.844 \cdot 10^{-6}$	314	$1.738 \cdot 10^{-4}$	392	$3.995 \cdot 10^{-4}$
238	$1.01 \cdot 10^{-4}$	316	$1.182 \cdot 10^{-4}$	394	$4.209 \cdot 10^{-4}$
240	$6.747 \cdot 10^{-5}$	318	$8.761 \cdot 10^{-4}$	396	$4.177 \cdot 10^{-4}$
242	$6 \cdot 10^{-6}$	320	$7.832 \cdot 10^{-5}$	398	$4.161 \cdot 10^{-4}$
244	$3.806 \cdot 10^{-5}$	322	$5.479 \cdot 10^{-5}$	400	$5.514 \cdot 10^{-4}$
246	$9.894 \cdot 10^{-5}$	324	$4.92 \cdot 10^{-5}$		
248	$6.37 \cdot 10^{-4}$	326	$4.781 \cdot 10^{-5}$		
250	0.0032	328	$4.562 \cdot 10^{-5}$		
252	0.0708	330	$4.653 \cdot 10^{-5}$		
254	0.7818	332	$3.194 \cdot 10^{-4}$		
256	0.0064	334	$9.058 \cdot 10^{-4}$		
258	0.0015	336	$4.617 \cdot 10^{-5}$		
260	$7.911 \cdot 10^{-5}$	338	$4.117 \cdot 10^{-5}$		
262	$1.458 \cdot 10^{-4}$	340	$3.753 \cdot 10^{-5}$		
264	0.0016	342	$3.663 \cdot 10^{-5}$		
266	$6.223 \cdot 10^{-4}$	344	$3.725 \cdot 10^{-5}$		
268	$1.706 \cdot 10^{-4}$	346	$4.112 \cdot 10^{-5}$		
270	$2.846 \cdot 10^{-4}$	348	$4.73 \cdot 10^{-5}$		
272	$2.199 \cdot 10^{-4}$	350	$5.12 \cdot 10^{-5}$		
274	$5.453 \cdot 10^{-4}$	352	$5.837 \cdot 10^{-5}$		
276	$3.417 \cdot 10^{-4}$	354	$6.683 \cdot 10^{-5}$		

SIRIM QAS International Sdn. Bhd. ELECTRICAL & ELECTRONICS SECTION (LEST2)

REPORT NO : NA	PAGE : 7 OF 9

Unless otherwise stated, the results shown in this Test Report shall be valid exclusively for the specific sample either provided by the Applicant or sampled by the qualified officer and tested by SIRIM QAS International Sdn. Bhd. In deriving the results of this Test Report, SIRIM QAS International Sdn. Bhd. has relied solely on the sample and data information provided by the Applicant, in accordance with the applicable standards requested by the Applicant in the Application Form. This Test Report shall not be reproduced, except in full, without written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International Sdn. Bhd. Kindly refer to the last page of this Test Report for the 'Conditions Relating to the Use of SIRIM QAS International Test Report'.

PHOTOGRAPH(S) OF TEST SAMPLE(S)
Brand: Legendlite
Model: Germicidal UVC 220V 18W E27

General View of Germicidal UVC 220V 18W E27

Marking of Germicidal UVC 220V 18W E27 Packaging

SIRIM QAS International Sdn. Bhd.
ELECTRICAL & ELECTRONICS 2 SECTION (E&E2)

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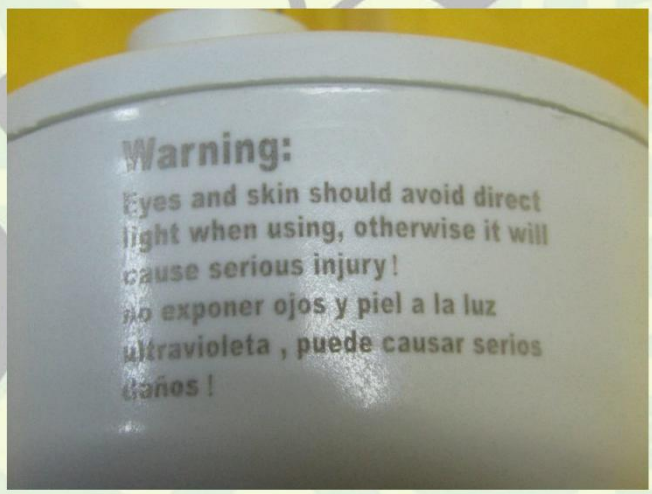
Marking of Germicidal UVC 220V 18W E27



SIRIM QAS International Sdn. Bhd.
ELECTRICAL & ELECTRONICS 2 SECTION (TEST 2)

REPORT NO : NA	PAGE : 9 OF 9

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CONDITIONS RELATING TO THE USE OF SIRIM QAS INTERNATIONAL TEST REPORT

1. A Test Report will be issued in respect of the Testing Services conducted and shall relate only to the sample actually tested by SIRIM QAS International. The results in the Test Report will be based on all the information provided by the Applicant, unless otherwise stated. SIRIM QAS International makes no warranties whatsoever, and the Applicant shall not represent in any manner that any duplication or mass production of the Product is identical to the Sample actually tested, or that SIRIM QAS International has tested any duplicated or mass-produced Product. Measurement uncertainty shall be included in the Test Report when no statement of conformity is required.

2. For quantitative test results (with values), when a statement of conformity to a specification or standard is applied, the Simple Acceptance Rule shall be used. Unless otherwise stated, the Acceptance Rule with Guard Band will be applied, and an additional charge will be incurred accordingly.

3. For qualitative test results (visual observation), when requested by the applicant, a statement of conformity shall be included in the Test Report. If there is no request by the Applicant, a statement of conformity can be included in the Test Report based on SIRIM QAS International Sdn. Bhd.'s discretion.

4. The Applicant shall not at any time misrepresent the content of any Test Report provided by SIRIM QAS International Sdn. Bhd., nor shall the Test Report be misused, amended, changed, varied, or modified in any manner whatsoever by the Applicant or otherwise.

5. The Test Report shall not be reproduced, except in full, without the written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International of No. 1, Block 8, Persiaran Dato' Menteri, Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan.

6. The Applicant is not permitted to use any SIRIM QAS International Sdn. Bhd., SIRIM Berhad or other SIRIM subsidiaries logos or words on packaging, sample manuals, technical specifications, items and products.

7. Subject to consent and written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International Sdn. Bhd., the Applicant may use the SIRIM QAS International Sdn. Bhd. logo or word on promotional materials. The Applicant shall only include the phrase, "A sample of this product has been tested by SIRIM QAS International Sdn. Bhd. (Test Report No) ...(dated) ... (for what test) ... (to which standard)", or similar words emphasizing that only the sample was tested. This phrase shall only be used for product advertisements or promotions (e.g.: brochures, flyers, official website). For clarity, the statement shall not be used on the sample, packaging, items or products.

8. In the event there is an investigation from a Government Regulatory Agency concerning the Applicant's Test Report, SIRIM QAS International Sdn. Bhd. may disclose the information pertaining to the Test Report for the purposes of such investigation.

9. In the event that the Applicant is found in breach of this provision, SIRIM QAS International Sdn. Bhd., SIRIM Berhad and/or other SIRIM subsidiaries may, without prejudice to any other rights and remedies, take whatever actions are necessary including but not limited to:
   a) Informing and placing a notice in the media;
   b) Obtaining an injunction from the Court (costs on a solicitor-client basis to be borne by the Applicant);
   c) Refusing to accept any further Products for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
   d) Instructing the Applicant to withdraw and recall the advertisement, statement, or document in question and to publish a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
   e) Informing or lodging a report pertaining to the Applicant's Test Report with the relevant authorities.

10. SIRIM QAS International is committed to supporting environmentally friendly business practices by reducing paper consumption. Therefore, we do not issue any hard copies of the Test Report to the Applicant. However, additional certified true copies or softcopies of the Test Report may be issued upon request by the Applicant, subject to payment of the relevant fee. Certified true copies or softcopies of the Test Report shall only be provided for Test Reports issued not more than **three (3) years** from the date of issuance.

11. The Issuance of an Amendment Report due to the following reasons is chargeable to the Applicant:
    a) Typo or change1 in details of the Applicant's name and/or address; or
    b) Typo or change1 in details of the Manufacturer's name and/or address; or
    c) Typo or change1 in details of the Factory location name and/or address; or
    d) Typo or change1 in details of the brand, size, model and/or type designation; or
    e) Typo in details of the description of sample.

    Note: [1]Applicable only for electrical and electronic products based on IECEE OD-2020.

12. Any corrections and/or changes to the Report requested by the Applicant shall only be allowed if the date of issuance of the original Test Report has not exceeded six (6) months and shall be limited to a maximum of three (3) times. After either of these conditions is met, no further amendments to the Test Report shall be issued.

13. However, the issuance of a Supplementary Report due to the following reasons is free of charge (FOC):
    a) Misprints and typographical errors;
    b) Missing technical information as agreed in the PP1 form;
    c) Test data not reported; or
    d) Mistakes in the reporting of test data.

APPENDIX B

VOID

----- END OF REPORT -----