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Listesting ab	Page 1 of 15	REPORT NO.: LCSB01304038S
	TEST REPORT	
COMMISSION	<b>REGULATION (EU) 2019/2020</b>	of 1 October 2019
laying down ecodesign require	ements for light sources and s	separate control gears pursuant to
Directive 2009/125	5/EC of the European Parliame	ent and of the Council
Report reference No	: LCSB01304038S	
Compiled by	.: Teresa Liu (Project Engineer)	Teresa Liu
Check by	.: Ian Luo (Director)	Teresa Lin Ian Luo Jusset:
LCS Testins	IST ICS Testing	MSA (C9)
Approved by	: Jesse Liu (Manager)	Jussei
Date of issue	.: November 15, 2024	
Contents	: 15 pages	
Testing laboratory		
Name	: Shenzhen Southern LCS Com	pliance Testing Co., Ltd
Address	: Room 101-201, Building 39, X	ialang Industrial Zone, Heshuikou
	Community, Matian Street, G	uangming District, Shenzhen, China
Testing location	.: As above	
Client	STESTING	CS Testino
Name	: Shenzhen PULUZ Technolog	y Limited
Address	: 8/F, 614 Bldg, Bagua 1st Roa	d, Futian, Shenzhen, China
Manufacturer		
Name	: Shenzhen PULUZ Technolog	y Limited
Address	: 8/F, 614 Bldg, Bagua 1st Roa	d, Futian, Shenzhen, China
Test specification	一言服务	一则股份
Standard	.: COMMISSION REGULATION	N (EU) 2019/2020
		REGULATION (EU) 2019/2015
	COMMISSION DELEGATED	REGULATION (EU) 2021/340
	COMMISSION DELEGATED	REGULATION (EU) 2021/341
Test procedure	: COMMISSION REGULATION	I (EU) 2019/2020
	COMMISSION DELEGATED	REGULATION (EU) 2019/2015
	COMMISSION DELEGATED	REGULATION (EU) 2021/340
		REGULATION (EU) 2021/341
Non-standard test method	.: N/A	

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CSTEST.	Page 2 of 15 REPORT NO.: LCSB01304038S
Test item Description	: PULUZ 60W Dual Color Temperature Fill Light
Trademark	PULUZ
Model and/or type reference:	PU4119B
Rating(s)(V/Hz):	DC3.7V, 60W
Test case verdicts	
Test case does not apply to the test object	N(N/A)
Test item does meet the requirement	P(Pass)
Test item does not meet the requirement	F(Fail)
Testing	Les Les Tes
Date of receipt of test item	: June 14, 2024
Date(s) of performance of test:	June 14, 2024 – November 11, 2024
Test item particulars:	
Type of light source:	
	HL LFLT5HE LFL T5HO CFLni other FL
- Lighting technology used	□ HPS □ MH □ other HID □ LED □ OLED
	mixed other
- Non-directional or directional	NDLS DLS
- Mains or non-mains	
- Connected light source (CLS)	🗆 Yes 🖂 No
- Colour-tuneable light source	🗆 Yes 🖂 No
- Envelope	⊠ no □ second □ non-clear
- High luminance light source	🗆 Yes 🖂 No
- Anti-glare shield	🗆 Yes 🖂 No
- Dimmable	$\Box$ Yes $\Box$ only with specific dimmers $\boxtimes$ No
- Control gear	☐ Integrated ☐ External
- Use of light source:	☐ Indoor ☐ Industry
Lamp cap installed:	N/A CSTESTING
General product parameters :	
Energy consumption in on-mode	60
(kWh/1 000 h)	60
Energy efficiency class	$\Box A  \boxtimes B  \Box C  \Box D  \Box E  \Box F  \Box G$
Rated useful luminous flux(Im):	13000lm
Rated CCT(K):	2500-6500K
On-mode power (Pon), expressed in W:	60W

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Standby power (Psb)(W):	N/A
Networked standbypower(Pnet)for CLS.(W):	N/A
Rated Ra	95
Outer dimensionsmi):	N/A
Spectral power distribution:	See attachment 2
Claim of equivalent power:	□Yes: ⊠N/A
Chromaticity coordinates (x and y):	x:0.4870, y:0.4400
Peak luminous intensity(cd) :	N/A
Beam angle in degrees( $^{\circ}$ ):	N/A Los Testing Lab
R9 colour rendering index valueR9:	91
Survival factor	100%
The lumen maintenance factor:	95.8%
Displacement factor (cos $\phi$ 1)	N/A
Colour consistency in McAdam ellipses:	6
Claims that an LED light source replaces a	
fluorescent light source without integrated	
ballast of a particular wattage	□Yes: ⊠N/A
Flicker metric (Pst LM)	N/A
Stroboscopic effect metric (SVM)	N/A ISI LOS Testing
Rated life time(h):	25000h
Attachments:	
The test report includes: ATTACHMENT 1(S)	i) of Energy efficiency classes
The test report includes: ATTACHMENT 2(S)	i) of Spectral power distribution
The test report includes: ATTACHMENT 3(S)	i) of Photos
Summary of testing:	
<ol> <li>These results are in compliance with the 2019/2020.</li> </ol>	ecodesign requirements of the Commission Regulation (EU)
	DC3.7V and a stable ambient temperature $25\pm10^{\circ}$ C.
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## Equipment List:

Instrument	Equipment ID	Model	Calibration Date	Calibration Due Date
Full-field Speed Goniophotometer	SLCS-S-112	GO-R5000	2024/06/14	2025/06/13
Digital Power Meter	SLCS-S-103	PF2010	2024/06/14	2025/06/13
AC Testing Power Source	SLCS-S-115	DPS1060	2024/06/14	2025/06/13
Total Spectral Radiant Flux Standard Lamp	SLCS-S-143	D908S	2024/06/17	2025/06/16
2m Integrating Sphere System	SLCS-S-312	HAAS2000	2024/06/14	2025/06/13
Digital Power Meter	SLCS-S-309	PF9810	2024/06/14	2025/06/13
AC Testing Power Source	SLCS-S-310	DPS1005	2024/06/14	2025/06/13
Standard Lamp	SLCS-S-313	DC24V/50W	2024/06/12	2025/06/11
Power Meter	SLCS-S-060	PF9800	2024/06/14	2025/06/13
Flicker Photometer	SLCS-S-233	FLA-3000	2024/02/09	2025/02/08

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## **General remarks**

The test results presented in this report relate only to the object tested.

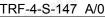
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"(see Enclosure #)" refers to additioal information appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.









1	,STest	(EU) 2019/2020	SA LOS TEST	SI LCS 18
	Clause	Requirement - Test	Result - Remark	Verdic
ſ	0	Measurement methods		Р
		Recognised state of art measurement methods incl. the one published in the Official Journal taking into account the measurement methods of (EU) 2019/2020		Р
	1	Regulation (EU) 2019/2020 – Exempted produ	cts	Р
	1.1	Product does not meet a definition of point (1) or (2	) of Article 2 of (EU) 2019/2020	N/A
	1.1.1	Is a product with one of following optical character (not fulfill the definition of light source) (point (1) of		N/A
	(a)	chromaticity coordinates x and y are <u>not</u> in the range: 0,270 < x < 0,530 and $-2,3172 x^2 + 2,3653 x - 0,2199 < y < -2,3172 x^2 + 2,3653 x - 0,1595$	LCS TO	N/A
	(b)	a luminous flux $\ge$ 500 lumen per mm <sup>2</sup> of projected light-emitting surface area as defined in Annex I		N/A
	(c)	a luminous flux < 60 or > 82 000 lumen		N/A
	(d)	a colour rendering index (CRI) = 0		N/A
江	1.1.2	Product does have one of following characteristic (not fulfill the definition of light source)( point (1) of		N/A
. 10	(a)	LED dies or LED chips	LCO	N/A
	(b)	LED packages		N/A
	(c)	products containing light source(s) from which these light source(s) can be removed for verification		N/A
	(d)	light-emitting parts contained in a light source from which these parts can be removed for verification as a light source		N/A
	1.1.3	Product with one of following optical characteristi (not fulfill the definition of control gear) ( point (2)		N/A
	(a)	Is a power supply within the scope of Commission Regulation (EC) No 278/2009	()	N/A
	(b) <b>2</b> 1 co	Is a lighting control parts or non-lighting parts (as defined in Annex I), although such parts may be physically integrated with a control gear or marketed together as a single product	LCSTE	N/A
	(C)	'Power-over-Ethernet switch or' or 'PoE switch', which means equipment for power-supply and data-handling that is installed between the mains and office equipment and/or light sources for the purpose of data transfer and power supply		N/A
	1.2	Exemptions product (point 1 and 2 of Annex III of	f (ELI) 2019/2020)	N/A





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(EU) 2019/2020			
Clause	Requirement - Test	Result - Remark	Ve
1.2.1	This Regulation shall not apply to light sources and specifically tested and approved to operate:	I separate control gears	N
(a)	in potentially explosive atmospheres, as defined in Directive 2014/34/EU of the European Parliament and of the Council		N
(b)	for emergency use, as set out in Directive 2014/35/EU of the European Parliament and of the Council		N
(c)	in radiological and nuclear medicine installations, as defined in Article 3 of Council Directive 2009/71/EURATOM	立訊检	则股化 ting La
(d)	in or on military or civil defence establishments, equipment, ground vehicles, marine equipment or aircraft, as set out in Member States' regulations or in documents issued by the European Defence Agency	Les Le	N
(e)	in or on motor vehicles, their trailers and systems, interchangeable towed equipment, components and separate technical units as set out in Regulation (EC) No 661/2009, (EU) No 167/2013 and (EU) No 168/2013 of the European Parliament and of the Council		N
(f)	in or on non-road mobile machinery as set out in Regulation (EU) 2016/1628 of the European Parliament and of the Council and in or on their trailers	立语检测版份	N.
(g)	in or on interchangeable equipment as set out in Directive 2006/42/EC of the European Parliament and of the Council intended to be towed or to be mounted and fully raised from the ground or that cannot articulate around a vertical axis when the vehicle to which it is attached is in use on a road by vehicles as set out in Regulation (EU) No 167/2013	51 FC2	N
(h)	in or on civil aviation aircraft, as set out in Commission Regulation (EU) No 748/2012		N
(i)	in railway vehicle lighting, as set out in Directive 2008/57/EC of the European Parliament and of the Council		N
	in marine equipment, as set out in Directive 2014/90/EU of the European Parliament and of the Council	· Leste	N N
(k)	in medical devices, as set out in Council Directive 93/42/EEC or Regulation (EU) 2017/745 of the European Parliament and of the Council and in vitro medical devices as set out in Directive 98/79/EC of the European Parliament and of the Council		N
1.2.2	In addition, this Regulation shall not apply to		N
(a)	double-capped fluorescent T5 light sources with power P $\leq$ 13 W		N/

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	Clause	Requirement - Test	L.	Result - Remark	Verdict	

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(b)	electronic displays (e.g. televisions, computer monitors, notebooks, tablets, mobile phones, e- readers, game consoles), including displays within the scope of Commission Regulation (EU) 2019/2021 (15), and Commission Regulation (EU) No 617/2013		N/A
(c)	light sources and separate control gears in battery-operated products, including but not limited to e.g. torches, mobile phones with an integrated torch light, toys including light sources, desk lamps operating only on batteries, armband lamps for cyclists, solar-powered garden lamps	Only powered by 3.7v lithium batt ery, the light cannot light up whe n USB charging	ting Lab
(d)	light sources for spectroscopy and photometric applications, such as for example UV-VIS spectroscopy, molecular spectroscopy, atomic absorption spectroscopy, nondispersive infrared (NDIR), fourier-transform infrared (FTIR), medical analysis, ellipsometry, layer thickness measurement, process monitoring or environ- mental monitoring		N/A
(e)	light sources and separate control gears on bicycles and other non-motorised vehicles		N/A
and the			
2 1 1 1 1 1 2 1 1 2 1 2 1 2 1 2 1 2 1 2	Regulation (EU) 2019/2020 – special purpose Any light source or separate control gear within the	scope of this Regulation shall	P N/A
<b>2</b> 2.1	Any light source or separate control gear within the be exempt from the requirements of this Regulation information requirements set out in point 3(e) of And designed and marketed for their intended use in at applications (point 3 of Annex III of (EU) 2019/2020	scope of this Regulation shall a, with the exception of the nex II, if they are specifically least one of the following	- TEMPERING
5 Testing Las	Any light source or separate control gear within the be exempt from the requirements of this Regulation information requirements set out in point 3(e) of And designed and marketed for their intended use in at applications (point 3 of Annex III of (EU) 2019/2020 signalling (including, but not limited to, road-, railway-, marine- or air traffic- signalling, traffic control or airfield lamps)	scope of this Regulation shall a, with the exception of the nex II, if they are specifically least one of the following	- TEMPERING
2.1	Any light source or separate control gear within the be exempt from the requirements of this Regulation information requirements set out in point 3(e) of And designed and marketed for their intended use in at applications (point 3 of Annex III of (EU) 2019/2020 signalling (including, but not limited to, road-, railway-, marine- or air traffic- signalling, traffic control or airfield lamps) image capture and image projection (including, but not limited to, photocopying, printing (directly or in preprocessing), lithography, film and video projection, holography)	scope of this Regulation shall a, with the exception of the nex II, if they are specifically least one of the following	N/A
2.1 (a)	Any light source or separate control gear within the be exempt from the requirements of this Regulation information requirements set out in point 3(e) of And designed and marketed for their intended use in at applications (point 3 of Annex III of (EU) 2019/2020 signalling (including, but not limited to, road-, railway-, marine- or air traffic- signalling, traffic control or airfield lamps) image capture and image projection (including, but not limited to, photocopying, printing (directly or in preprocessing), lithography, film and video	scope of this Regulation shall a, with the exception of the nex II, if they are specifically least one of the following	N/A N/A
2.1 (a) (b)	Any light source or separate control gear within the be exempt from the requirements of this Regulation information requirements set out in point 3(e) of And designed and marketed for their intended use in at applications (point 3 of Annex III of (EU) 2019/2020 signalling (including, but not limited to, road-, railway-, marine- or air traffic- signalling, traffic control or airfield lamps) image capture and image projection (including, but not limited to, photocopying, printing (directly or in preprocessing), lithography, film and video projection, holography) light sources with specific effective ultraviolet power > 2 mW/klm and intended for use in	scope of this Regulation shall a, with the exception of the nex II, if they are specifically least one of the following	N/A N/A N/A
2.1 (a) (b) (c)	Any light source or separate control gear within the be exempt from the requirements of this Regulation information requirements set out in point 3(e) of And designed and marketed for their intended use in at applications (point 3 of Annex III of (EU) 2019/2020 signalling (including, but not limited to, road-, railway-, marine- or air traffic- signalling, traffic control or airfield lamps) image capture and image projection (including, but not limited to, photocopying, printing (directly or in preprocessing), lithography, film and video projection, holography) light sources with specific effective ultraviolet power > 2 mW/klm and intended for use in applications requiring high UV-content light sources with a peak radiation around 253,7 nm and intended for germicidal use (destruction of	scope of this Regulation shall h, with the exception of the nex II, if they are specifically least one of the following )	N/A N/A N/A

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Shenzhen Southern LCS Compliance Testing Co., Ltd Add: Room 101-201, Building 39, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming District, Shenzhen, China Tel: +(86) 0755-29871520 | Fax: +(86) 0755-29871521 | E-mail: webmaster@lcs-cert.com | http:// www.lcs-cert.com

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	Clause	Requirement - Test	Le le	Result - Remark	Verdict

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	light sources emitting 40 % or more of total		<b>N</b> 1/A
(g)	radiation power of the range 250-800 nm in the range of 400-480 nm, and intended for coral zooxanthellae symbioses		N/A
(h)	FL light sources emitting 80 % or more of total radiation power of the range 250-800 nm in the range of 250-400 nm, and intended for sun- tanning		N/A
	HID light sources emitting 40 % or more of total radiation power of the range 250-800 nm in the range of 250-400 nm, and intended for suntanning	立 北 LCS Te	N/A
(j)	light sources with a photosynthetic efficacy > 1,2 $\mu$ mol/J, and/or emitting 25 % or more of total radiation power of the range 250-800 nm in the range of 700-800 nm, and intended for use in horticulture		N/A
(k)	HID light sources with correlated colour temperature CCT > 7 000 K and intended for use in applications requiring such a high CCT		N/A
(I)	light sources with a beam angle of less than 10° and intended for spot-lighting applications requiring a very narrow light beam		N/A
(m)	halogen light sources with cap-type G9.5, GX9.5, GY9.5, GZ9.5, GZX9.5, GZY9.5, GZZ9.5, K39d, G9.5HPL, G16d, GES/E40 (low voltage (24V) silver crown only), GX16, GX16d, GY16, G22, G38, GX38, GX38Q, P28s, P40s, PGJX28, PGJX 36, PGJX50, R7s with a luminous flux > 12 000 Im, QXL, designed and marketed specifically for scene-lighting use in film studios, TV studios, and photographic studios, or for stage-lighting use in theatres, discos and during concerts or other entertainment events	上立訊检測IIE 179 LCS Testing Lab	N/A
(n)	colour-tuneable light sources that can be set to at least the colours listed in this point and which have for each of these colours, measured at the dominant wavelength, a minimum excitation purity of:and are intended for use in applications requiring high-quality coloured light	立派险	N/A
(0)	light sources accompanied by an individual calibration certificate detailing the exact radiometric flux and/or spectrum under specified conditions, and intended for use in photometric calibration (of e.g. wavelength, flux, colour temperature, colour rendering index), or for laboratory use or quality control applications for the evaluation of coloured surfaces and materials	Los Te	N/A

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1	STest	(EU) 2019/2	020	ST LOSTES!
	Clause	Requirement - Test	Result - Remark	Verdict

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	under standard viewing conditions (e.g. standard illuminants)		
(p)	light sources provided specifically for use by photosensitive patients, to be sold in pharmacies and other authorized selling points (e.g. suppliers of disability products), upon presentation of a medical prescription		N/A
(q)	incandescent light sources (not including halogen light sources) fulfilling all of the following conditions: power $\leq$ 40 W, length $\leq$ 60 mm, diameter $\leq$ 30 mm, declared suitable for operation at ambient temperature $\geq$ 300 °C, and intended for use in high temperature applications such as ovens	LCS Tes	N/A
(r)	halogen light sources fulfilling all of the following conditions: cap-type G4, GY6.35 or G9, power ≤ 60 W, declared suitable for operation at ambient temperature ≥ 300 °C, and intended for use in high temperature applications such as ovens		N/A
(S) RH& JURE H	halogen light sources with blade contact-, metal lug-, cable-, litz wire- or non-standard customised electrical interface, specifically designed and marketed for industrial or professional electro- heating equipment (e.g. stretch blow-moulding process in PET- Industry, 3D-printing, gluing, inks, paint and coating hardening)	立语检测器的 Los Testing Lab	
(t)	halogen light sources fulfilling all of the following conditions: R7s cap, CCT $\leq$ 2 500 K, length not in the ranges 75-80 mm and 110-120 mm, specifically designed and marketed for industrial or professional electroheating equipment (e.g. stretch blow-moulding process in PET-Industry, 3D-printing, gluing, inks, paint and coating hardening)		N/A
(u)	single capped fluorescent lamps (CFLni) having a diameter of 16 mm (T5), 2G11 4 pin base, with CCT = 3 200 K and chromaticity coordinates $x = 0,415 \text{ y} = 0,377$ , or with CCT = 5 500 K and chromaticity coordinates $x = 0,330 \text{ y} = 0,335$ , specifically designed and marketed for studio and video applications for traditional filmmaking	」 「 」 「 」 」 「 」 」 「 」 一 二 浦 脸 一 二 「 一 二 一 二 一 二 一 二 一 二 一 二 一 二 一 二 一 二 一 二 一 二 一 二 二 一 二 二 二 二 二 二 二 二 二 二 二 二 二	
(v)	LED or OLED light sources, complying with the definition of 'original works of art' as defined in Directive 2001/84/EC of the European Parliament and of the Council, made by the artist him/herself in a <b>limited number below 10 pieces</b>		N/A
(w)	white light sources which:		N/A
(1)	are designed and marketed specifically for scene- lighting use in film-studios, TV-studios and locations, and photographic-studios and locations,		N/A

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	or for stage-lighting use in theatres, during concerts or other entertainment events		
	And which:		-
(2)	provide two or more of the following specifications:		N/A
(I)	LED with high CRI > 90		N/A
(II)	GES/E40, K39d socket with changeable Colour Temperature down to 1 800 K (undimmed), used with low voltage power supply	古田位	N/A
(111)	LED rated at 180W and greater and arranged to direct output to an area smaller than the light emitting surface	LCSTE	N/A
(IV)	DWE lamp type which is a tungsten lamp defined by its wattage (650 W) voltage (120 V) and terminal type (pressure screw terminal)		N/A
(V)	white bi-colour LED sources		N/A
(VI)	fluorescent tubes: Min BI Pin T5 and Bi Pin T12 with CRI ≥ 85 and CCT 2900, 3000, 3200, 5600 or 6500 K.		N/A
3	Information requirments according to point 3 (2)(e) o specified in point 3 of Annex III	f Annex II for products	
用检测版的 STesting Lab	For the light sources and separate control gears specified in point 3 of Annex III the intended purpose shall be stated in the technical documentation for compliance assessment as per Article 5 of this Regulation and on all forms of packaging, product information and advertisement, together with an explicit indication that the light source or separate control gear is not intended for use in other applications	立语推到测路(b) LCS Testing Lab	N/A
	The technical documentation file drawn up for the purposes of conformity assessment, in		N/A
	accordance with Article 5 of this Regulation shall list the technical parameters that make the product design specific to qualify for the exemption		
Lor	accordance with Article 5 of this Regulation shall list the technical parameters that make the product design specific to qualify for the	立 派林 LCS TE	N/A

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5 Testino	(EU) 2019/2020	ST LCS Testins	IST LOSTO
Clause	Requirement - Test	Result - Remark	Verdict
	The manufacturer, importer or authorised representative shall not place on the market products designed to be able to detect they are being tested (e.g. by recognising the test conditions or test cycle), and to react specifically by automatically altering their performance during the test with the aim of reaching a more favourable level for any of the parameters		N/A
E	declared by the manufacturer, importer or authorised representative in the technical documentation or included in any of the documentation provided.		立讯检测版 的 LCS Texting Lab

documentation provided.	
The energy consumption of the product and any of the other declared parameters shall not deteriorate after a software or firmware update when measured with the same test standard originally used for the declaration of conformity, except with explicit consent of the end-user prior to the update.	N/A

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## **Appendix-Test Data Sheet**

### 1. Initial Lumen Measurement and Color Performance:

Sample No.	Power Pon (W)	Disp. Factor	Luminous Flux Φtotal (Im)	Efficacy (Im/W)	Color Temp (CCT)	Color rendering (Ra)	R9	SDCM	x	У
1	-	N/A	349.70	-	2561	96.0	91	0.8	0.4870	0.4388



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# 2. Different Mode Power 、 Flicker、 Stroboscopic Effect and Lumen Maintenance Test:

Sample No.	No-Load Power Pno	Standby Power Psb	Network Sb. Power Pnet	Flicker Pst LM	Stroboscopic Effect SVM	Total Luminous flux (Im) After 3600h	Lumen Maintenance at 3600h (%)	Survival factor at 3600h
1	N/A	N/A	N/A	N/A	N/A	336.73	96.29%	Р

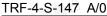
















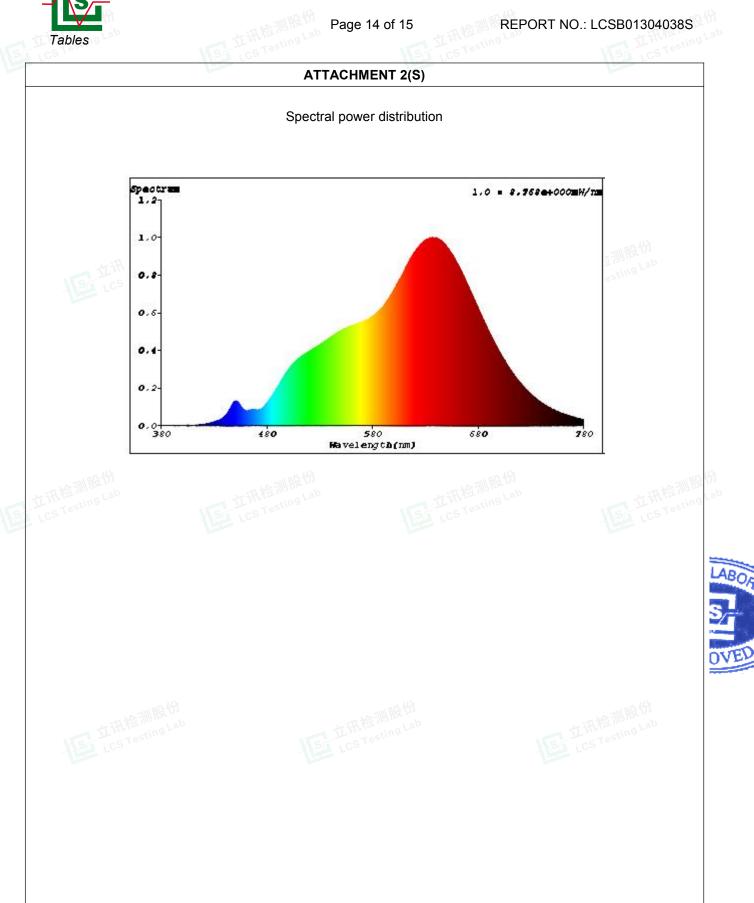
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# ATTACHMENT 1(S)

Standard	Clause	Model No.		Verdict			
(EU) 2019/2015	Energy class	PU4119B	P				
Conditions -Test conditions: -ambient: <u>24.9</u> °C/ <u>60.0</u> %R.H. -Test voltage: DC3.7V							
<b>⊕use</b>	13000lm (Declared	an kit					
Pon CS LCS Testing	Pon =60.00W (Dec	clared)	Ing	LCS Testing			
FTM	0.926						
η <sub>т</sub> Μ	200.63lm/w (Decla	red)					
Technical requirements			Test result				
	Energy efficie	ency class	Total mains efficacy $\eta_{TM}$ (Im/W)				
$\eta_{\rm TM} = (\Phi_{\rm use}/P_{\rm on}) \times F_{\rm TM} (lm/$	W). A		210 ≤ ŋ <sub>™M</sub>	N			
	B		185 ≤ ໗ <sub>ຠ</sub> м < 210	Р			
	C		160 ≤ ໗ <sub>ຠ</sub> м < 185	N			
	Till Manuel D		135 ≤ ໗ <sub>ຠM</sub> < 160	N			
	LCSE		110 ≤ ໗ <sub>™</sub> < 135	N			
	F		85 ≤ η <sub>™</sub> < 110	N			
	G		η <sub>тM</sub> < 85	N			
Factors FTM by light source type							
Light source type			Factor F <sub>TM</sub>	- 1			
Non-directional (NDLS) ope	erating on mains (M	LS)	1.000	N			
Non-directional (NDLS) not	operating on mains	(NMLS)	0.926	Р			
Directional (DLS) operating on mains (MLS)		100	1.176	IN BEIN			
Directional (DLS) not opera	ting on mains (NML	S)	1.089	Tik Ing Lab			







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----- End of test report -----

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