

Page 1 of 18 REPORT NO.: LCSB051823045S001

TEST REPORT IEC 62471

Photobiological safety of lamps and lamp systems

 Report Number......
 LCSB051823045S001

 Date of issue......
 September 19, 2023

Total number of pages....: 18 pages

Name of Testing Laboratory

preparing the Report...... Shenzhen Southern LCS Compliance Testing Laboratory Ltd.

Applicant's name...... Aurora (Shanghai) Technology Co., Ltd

District, Shanghai

Test specification:

Standard.....: IEC 62471:2006

Test procedure.....: Type Test

Non-standard test method.....: N/A

Test Report Form No.....: IEC62471B

Test Report Form(s) Originator.....: VDE Testing and Certification Institute

Master TRF.....: Dated 2018-08-16

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Page 2 of 18

Test item description....: LED Recessed spot Light Trade Mark..... N/A Manufacturer....: Aurora (Shanghai) Technology Co., Ltd Room 221, 2F, Building 6, No.7001, Zhongchun Road, Minhang Address....:: District, Shanghai Model/Type reference....: IS0002-LED07-3090-36D Ratings....: AC220V, 50/60Hz, 7W **Testing Laboratory:** Testing location/ address....: Shenzhen Southern LCS Compliance Testing Laboratory Ltd. 101-201, No.39 Building, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming District, Shenzhen, China Yeoh Zhang Tested by....:: (Engineer) Check by.....: Torres He (Director) Jesse Liu Approved by....: (Manager)

List of Attachments (including a total number of pages in each attachment):

Attachment No. 1: Photo documentation

Summary of testing:

Tests performed (name of test and test clause):

IEC 62471:2006

Testing location:

Shenzhen Southern LCS Compliance Testing

Laboratory Ltd.

101-201, No.39 Building, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming

District, Shenzhen, China







REPORT NO.: LCSB051823045S001





Page 3 of 18

REPORT NO.: LCSB051823045S001

Test item p	articulars	:						
Tested lam)	:	⊠ continuo	ous wa	ave lamps	□ pu	lsed lamps	
Tested lamp	system	:	1					
Lamp class	fication group	:	☐ exempt	\boxtimes	risk 1 🗌	risk 2 🗆	risk 3	
Lamp cap		:	1					
Bulb		:	1					
Rated of the	lamp	:	AC220V, 50)/60H	Z			
Furthermore	marking on the lamp	:	一個股份					ă l
Seasoning of	of lamps according IEC standard	.11.79	IEC 62471					d_8
Used meas	rement instrument	LCS	1					
Temperatur	e by measurement	:	25 °C					
Information	for safety use	:					roduct	
5 "1 4			according to) IIS S	tandard(s)		
	st case verdicts:		N1/A					
	does not apply to the test object							
-	t does meet the requirement		, ,					
	t does not meet the requirement		F (Fall)					
V V24 - 111/1/ 133	0 74 10 10 10 10 10 10 10 10 10 10 10 10 10							ত কি ।
Date of rec	eipt of test item	:	2023-06-19					CS Tes
Date (s) of	performance of tests	:	2023-06-19	00-			152 1	
General rei	narks:							
"(See appe Clause num The genera model/type the applicar	sure #)" refers to additional informational table)" refers to a table appendibers between brackets refer to claus information of applicant and manufacterence, trademark and other similat, the laboratory is not responsible for a roughout this report a commandation.	ed to ses in acture ar info or veri	the report. IEC/EN 6059 r (such as the permation confying its auth	98-1. le nan Itained nentici	ne and ad d in this re ity.	eport are	all provided	
VEN	Alla ing Las	TIVN	Lesting Lan		0	NS T	Title ting Li	30
112	rsion Report No. 1.0 LCSB051823045S	Kev	ision Data			mmary al Versio	2	
	2.0 LCSB051823045S001	20	23-09-19	Ray	ise the pr			
Original Test F	eport "LCSB051823045S" dated 2023-06-21. pormation review and verification, no additiona	This re	evised test repo	rt is ba	sed on the t			st
•	er's Declaration per sub-clause 4.2				· · · · · · · · · · · · · · · · · · ·			
The applica one factory that the san	ion for obtaining a CB Test Certificate ocation and a declaration from the M ple(s) submitted for evaluation is (are from each factory has been provided	e inclu anufa e) repr	ides more that cturer stating	, t	⊟ Yes ⊠ Not ar	oplicable		



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Page 4 of 18

REPORT NO.: LCSB051823045S001

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies).....: Same as applicant











T. CS Testing	IEC 624	71 15 1 CS Testing Lab	VST ICS Test
Clause	Requirement - Test	Result - Remark	Verdict

4	EXPOSURE LIMITS		Р
4.1	General		Р
	The exposure limits in this standard is not less than 0,01 ms and not more than any 8-hour period and should be used as guides in the control of exposure		Р
7 7	Detailed spectral data of a light source are generally required only if the luminance of the source exceeds 10 ⁴ cd·m ⁻²	see clause 4.3	P 河明及付 ting Lab
4.3	Hazard exposure limits	LCS T	Р
4.3.1	Actinic UV hazard exposure limit for the skin and eye		Р
	The exposure limit for effective radiant exposure is 30 J·m ⁻² within any 8-hour period		Р
	To protect against injury of the eye or skin from ultraviolet radiation exposure produced by a broadband source, the effective integrated spectral irradiance, Es, of the light source shall not exceed the levels defined by:		Р
在讯检测股化 LCS Testing L	$E_{s} \cdot t = \sum_{200}^{400} \sum_{t} E_{\lambda}(\lambda, t) \cdot S_{UV}(\lambda) \cdot \Delta t \cdot \Delta \lambda \le 30$ J·m ⁻²	1 立讯检测股份 1 CS Testing Lab	P Si LCS Tes
	The permissible time for exposure to ultraviolet radiation incident upon the unprotected eye or skin shall be computed by:		Р
	$t_{\text{max}} = \frac{30}{E_{\text{s}}}$ s		Р
4.3.2	Near-UV hazard exposure limit for eye		Р
VE T	For the spectral region 315 nm to 400 nm (UV-A) the total radiant exposure to the eye shall not exceed 10000 J·m ⁻² for exposure times less than 1000 s. For exposure times greater than 1000 s (approximately 16 minutes) the UV-A irradiance for the unprotected eye, E _{UVA} , shall not exceed 10 W·m ⁻² .	LOST LOST	P 测股份 sting Lab
	The permissible time for exposure to ultraviolet radiation incident upon the unprotected eye for time less than 1000 s, shall be computed by:		Р
	$t_{\text{max}} \le \frac{10\ 000}{E_{\text{UVA}}} \qquad \text{s}$		Р
4.3.3	Retinal blue light hazard exposure limit		Р



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Page 6 of 18



	IEC 62471		
Clause	Requirement - Test	Result - Remark	Verdict
	To protect against retinal photochemical injury from chronic blue-light exposure, the integrated spectral radiance of the light source weighted against the blue-light hazard function, $B(\lambda)$, i.e., the blue-light weighted radiance , L_B , shall not exceed the levels defined by:		Р
	$L_{B} \cdot t = \sum_{300}^{700} \sum_{t} L_{\lambda}(\lambda, t) \cdot B(\lambda) \cdot \Delta t \cdot \Delta \lambda \le 10^{6} \qquad J \cdot m^{-2} \cdot sr^{-1}$	for t \le 10 ⁴ s $t_{\text{max}} = \frac{10^6}{L_{\text{B}}}$	P mach
100	$L_{\rm B} = \sum_{300}^{700} L_{\lambda} \cdot B(\lambda) \cdot \Delta \lambda \le 100 \qquad \qquad W \cdot m^{-2} \cdot sr^{-1}$	for t > 10 ⁴ s	N/A
1.3.4	Retinal blue light hazard exposure limit - small source	e	N/A
	Thus the spectral irradiance at the eye E_{λ} , weighted against the blue-light hazard function $B(\lambda)$ shall not exceed the levels defined by:	see table 4.2	N/A
	$E_{B} \cdot t = \sum_{300}^{700} \sum_{t} E_{\lambda}(\lambda, t) \cdot B(\lambda) \cdot \Delta t \cdot \Delta \lambda \le 100 \qquad J \cdot m^{-2}$	for t ≤ 100 s	N/A
P DH mar	$E_{B} = \sum_{300}^{700} E_{\lambda} \cdot B(\lambda) \cdot \Delta \lambda \le 1 \qquad W \cdot m^{-2}$	for t > 100 s	N/A
4.3.5	Retinal thermal hazard exposure limit	立汗 ^{河湾} Lab	PAR
.03	To protect against retinal thermal injury, the integrated spectral radiance of the light source, L_{λ} , weighted by the burn hazard weighting function $R(_{\lambda})$ (from Figure 4.2 and Table 4.2), i.e., the burn hazard weighted radiance, shall not exceed the levels defined by:	100	P
	$L_{\rm R} = \sum_{380}^{1400} L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda \le \frac{50000}{\alpha \cdot t^{0.25}}$ W · m ⁻² · sr ⁻¹	(10 µs ≤ t ≤ 10 s)	Р
1.3.6	Retinal thermal hazard exposure limit – weak visual	stimulus	N/A
E	For an infrared heat lamp or any near-infrared source where a weak visual stimulus is inadequate to activate the aversion response, the near infrared (780 nm to 1400 nm) radiance, L _{IR} , as viewed by the eye for exposure times greater than 10 s shall be limited to:	ST LCST	N/A
	$L_{\rm IR} = \sum_{780}^{1400} L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda \le \frac{6000}{\alpha} \qquad \qquad \text{W} \cdot \text{m}^{-2} \cdot \text{sr}^{-1}$	t > 10 s	N/A
4.3.7	Infrared radiation hazard exposure limits for the		Р



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V	Page 7 of 18	REPORT NO.:LCSB051	823045S001
CS Testing	IEC 62471	ST LCS Testing	ST LCS Tes
Clause	Requirement - Test	Result - Remark	Verdict
	The avoid thermal injury of the cornea and possible delayed effects upon the lens of the eye (cataractogenesis), ocular exposure to infrared radiation, $E_{\rm IR}$, over the wavelength range 780 nm to 3000 nm, for times less than 1000 s, shall not exceed:		N/A
	$E_{\rm IR} = \sum_{780}^{3000} E_{\lambda} \cdot \Delta \lambda \le 18000 \cdot t^{-0.75}$ W · m ⁻²	t ≤ 1000 s	N/A
102.3	For times greater than 1000 s the limit becomes:	工艺工艺	sting P
192	$E_{\rm IR} = \sum_{780}^{3000} E_{\lambda} \cdot \Delta \lambda \le 100$ W·m ⁻²	t > 1000 s	Р
4.3.8	Thermal hazard exposure limit for the skin		Р
	Visible and infrared radiant exposure (380 nm to 3000 nm) of the skin shall be limited to:		Р
	$E_{\text{H}} \cdot t = \sum_{380}^{3000} \sum_{t} E_{\lambda}(\lambda, t) \cdot \Delta t \cdot \Delta \lambda \le 20000 \cdot t^{0,25}$ J · m ⁻²	t≤ 10s	Р
5	MEASUREMENT OF LAMPS AND LAMP SYSTEM	MS	Р 🎤
5.1	Measurement conditions	上河检测股价 lab	PS
CS Testing	Measurement conditions shall be reported as part of the evaluation against the exposure limits and the assignment of risk classification.	LCS Testing	- T
5.1.1	Lamp ageing (seasoning)		Р
	Seasoning of lamps shall be done as stated in the appropriate IEC lamp standard.		Р
5.1.2	Test environment		Р
	For specific test conditions, see the appropriate IEC lamp standard or in absence of such standards, the appropriate national standards or manufacturer's recommendations.		P
5.1.3	Extraneous radiation	O THE	Hing IPb
		MST LCS T	Р
	Careful checks should be made to ensure that extraneous sources of radiation and reflections do not add significantly to the measurement results.		'
5.1.4	extraneous sources of radiation and reflections do		P
5.1.4	extraneous sources of radiation and reflections do not add significantly to the measurement results.		



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Clause	Requirement - Test	Result - Remark	Verdict
	the manufacturer's recommendation		N/A
5.1.5	Lamp system operation		Р
	The power source for operation of the test lamp shall be provided in accordance with:		Р
	the appropriate IEC standard, or		Р
	the manufacturer's recommendation		Р
5.2	Measurement procedure	h	测股户
5.2.1	Irradiance measurements	NS IST	esting Lab
	Minimum aperture diameter 7mm.		Р
	Maximum aperture diameter 50 mm.		Р
	The measurement shall be made in that position of the beam giving the maximum reading.		Р
	The measurement instrument is adequate calibrated.		Р
5.2.2	Radiance measurements		Р
5.2.2.1	Standard method		Р
· A SIIII BEY	The measurements made with an optical system.	· 沙测股份	Р
LCS Testing L	The instrument shall be calibrated to read in absolute radiant power per unit receiving area and per unit solid angle to acceptance averaged over the field of view of the instrument.	LCS Testing La	ST P LOS TOS
5.2.2.2	Alternative method		N/A
	Alternatively to an imaging radiance set-up, an irradiance measurement set-up with a circular field stop placed at the source can be used to perform radiance measurements.		N/A
5.2.3	Measurement of source size		Р
1	The determination of α , the angle subtended by a source, requires the determination of the 50% emission points of the source.	, 艾讯*	P Sing Lab
5.2.4	Pulse width measurement for pulsed sources	- LCS I	N/A
	The determination of Δt , the nominal pulse duration of a source, requires the determination of the time during which the emission is > 50% of its peak value.		N/A
5.3	Analysis methods	1	Р
5.3.1	Weighting curve interpolations		Р



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LCS Testing	IEC 62471	ST LCS Testing	ST LCSTe
Clause	Requirement - Test	Result - Remark	Verdict
	To standardize interpolated values, use linear interpolation on the log of given values to obtain intermediate points at the wavelength intervals desired.	see table 4.1	Р
5.3.2	Calculations		Р
	The calculation of source hazard values shall be performed by weighting the spectral scan by the appropriate function and calculating the total weighted energy.) HE	P
5.3.3	Measurement uncertainty	VST LCST	esting P
	The quality of all measurement results must be quantified by an analysis of the uncertainty.	see Annex C in the norm	Р
6	LAMP CLASSIFICATION		Р
	For the purposes of this standard it was decided that the values shall be reported as follows:	see table 6.1	Р
and BEE, N	 for lamps intended for general lighting service, the hazard values shall be reported as either irradiance or radiance values at a distance which produces an illuminance of 500 lux, but not at a distance less than 200 mm 		Р
工语的 Noting L LCS Testing L	for all other light sources, including pulsed lamp sources, the hazard values shall be reported at a distance of 200 mm	立语版》	N/A N/A
6.1	Continuous wave lamps		Р
6.1.1	Except Group		N/A
	In the except group are lamps, which does not pose any photobiological hazard. The requirement is met by any lamp that does not pose:		N/A
	 an actinic ultraviolet hazard (E_s) within 8-hours exposure (30000 s), nor 		N/A
	 a near-UV hazard (E_{UVA}) within 1000 s, (about 16 min), nor 		N/A
VSI T	 a retinal blue-light hazard (L_B) within 10000 s (about 2,8 h), nor 	LOS T	N/A
	 a retinal thermal hazard (L_R) within 10 s, nor 		N/A
	 an infrared radiation hazard for the eye (E_{IR}) within 1000 s 		N/A
6.1.2	Risk Group 1 (Low-Risk)		Р
	In this group are lamps, which exceeds the limits for the except group but that does not pose:		Р



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LCS Testing	IEC 62471	ST LCS Testing	151 LCSTE
Clause	Requirement - Test	Result - Remark	Verdict
	an actinic ultraviolet hazard (E _s) within 10000 s, nor		Р
	a near ultraviolet hazard (E _{UVA}) within 300 s, nor		Р
	 a retinal blue-light hazard (L_B) within 100 s, nor 		Р
	 a retinal thermal hazard (L_R) within 10 s, nor 		Р
بد	 an infrared radiation hazard for the eye (E_{IR}) within 100 s 	1 田市	测股P
VS4	Lamps that emit infrared radiation without a strong visual stimulus and do not pose a near-infrared retinal hazard (L _{IR}), within 100 s are in Risk Group 1.	Les Les T	Р
5.1.3	Risk Group 2 (Moderate-Risk)		N/A
	This requirement is met by any lamp that exceeds the limits for Risk Group 1, but that does not pose:		N/A
	an actinic ultraviolet hazard (E _s) within 1000 s exposure, nor		N/A
-mi R&Y	a near ultraviolet hazard (E _{UVA}) within 100 s, nor	一则股份	N/A
Lin Testing L	a retinal blue-light hazard (L _B) within 0,25 s (aversion response), nor	立洲 ^{[[]} LCS Testing Lab	N/A
	a retinal thermal hazard (L _R) within 0,25 s (aversion response), nor		N/A
	 an infrared radiation hazard for the eye (E_{IR}) within 10 s 		N/A
	Lamps that emit infrared radiation without a strong visual stimulus and do not pose a near-infrared retinal hazard ($L_{\rm IR}$), within 10 s are in Risk Group 2.		N/A
6.1.4	Risk Group 3 (High-Risk)		N/A
	Lamps which exceed the limits for Risk Group 2 are in Group 3.	, Ta	N/A
3.2	Pulsed lamps	VIST CST	N/A
	Pulse lamp criteria shall apply to a single pulse and to any group of pulses within 0,25 s.		N/A
	A pulsed lamp shall be evaluated at the highest nominal energy loading as specified by the manufacturer.		N/A
	The risk group determination of the lamp being tested shall be made as follows:		N/A



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	IEC 62471		
Clause	Requirement - Test	Result - Remark	Verdict
	a lamp that exceeds the exposure limit shall be classified as belonging to Risk Group 3 (High-Risk)		N/A
	for single pulsed lamps, a lamp whose weighted radiant exposure or weighted radiance does is below the EL shall be classified as belonging to the Exempt Group		N/A
E	for repetitively pulsed lamps, a lamp whose weighted radiant exposure or weighted radiance dose is below the EL, shall be evaluated using the continuous wave risk criteria discussed in clause 6.1, using time averaged values of the pulsed emission	LCS T	N/A











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REPORT NO.:LCSB051823045S001



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Clause	Requirement - Test	Result - Remark	Verdict

Waveleng	th¹	UV hazard function	Wavelength	
λ, nm	•••	S _{υν} (λ)	λ, nm	UV hazard function S _{uv} ()
200		0,030	313*	0,006
205		0,051	315	0,003
210	~~~~	0,075	316	0,0024
215	sting Lab	0,095	Testing Lab 317	0,0020
220		0,120	318	0,0016
225		0,150	319	0,0012
230		0,190	320	0,0010
235		0,240	322	0,00067
240		0,300	323	0,00054
245		0,360	325	0,00050
250		0,430	328	0,00044
254*		0,500	330	0,00041
255		0,520	333*	0,00037
cs 1estin 260		0,650	335 S Testino	0,00034
265		0,810	340	0,00028
270		1,000	345	0,00024
275		0,960	350	0,00020
280*		0,880	355	0,00016
285		0,770	360	0,00013
290		0,640	365*	0,00011
295		0,540	370	0,000093
297*	测股份	0,460	375	0,000077
300	sting Lab	0,300	Testing Lab 380	0,000064
303*		0,120	385	0,000053
305		0,060	390	0,000044
308		0,026	395	0,000036
310		0,015	400	0,000030



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Page 13 of 18

REPORT NO.:LCSB051823045S001

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LCS Testing	IEC 624	71 LCS Testing	VST LCS Test
Clause	Requirement - Test	Result - Remark	Verdict

Table 4.1	Spectral weighting function for assessing ultraviolet hazards for skin and eye	Р

- Wavelengths chosen are representative: other values should be obtained by logarithmic interpolation at intermediate wavelengths.
- * Emission lines of a mercury discharge spectrum.

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IEC 62471 Requirement - Test Result - Remark Clause Verdict

REPORT NO.: LCSB051823045S001

Table 4.2	Spectral weighting sources	functions for assessing retinal hazards t	from broadband optical P
	Wavelength nm	Blue-light hazard function Β (λ)	Burn hazard function R (λ)
	300	0,01	
	305	0,01	
	310	0,01	-2115
	315	0,01	THE THE PERSON
107.3	320	0,01	Testing
-152	325	0,01	- Lea
	330	0,01	
	335	0,01	
	340	0,01	
	345	0,01	
	350	0,01	
	355	0,01	
	360	0,01	
	365	0,01	
	370	0,01	
	375	0,01	
A SIMILE	380	0,01	
ing ing	^{Lab} 385	0,013	0,13 till
CS Testin	390	0,025	0,25
	395	0,05	0,5
	400	0,10	1,0
	405	0,20	2,0
	410	0,40	4,0
	415	0,80	8,0
	420	0,90	9,0
	425	0,95	9,5
	430	0,98	9,8
	435	1,00	10,0
	440	1,00	10,0
	445	0,97	9,7
	450	0,94	9,4
1561.3	455	0,90	9,0
152	460	0,80	8,0
	465	0,70	7,0
	470	0,62	6,2
	475	0,55	5,5
	480	0,45	4,5
	485	0,40	4,0
	490	0,22	2,2
	495	0,16	1,6



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Clause Requirement - Test Result - Remark Verdict

Table 4.2	Spectral weighting functions for assessing retinal hazards from broadband optical					
	sources					
	500-600	10[(450-λ)/50]	1,0			
	600-700	0,001	1,0			
	700-1050			10 ^[(700-λ)/500]		
	1050-1150			0,2		
	1150-1200			0,2·10 ^{0,02(11} _{50-λ)}		
	1200-1400	三 绘测度 (7)	- 14A	0,02		

Table 5.4	Summary of the ELs for t	sed values)	Р				
Hazard Name	Relevant equation	Wavelength range nm	Exposure duration sec	Limiting aperture rad (deg)	EL in terms of constant irradian W•m ⁻²		
Actinic UV skin & eye	$E_{S} = \sum E_{\lambda} \bullet S(\lambda) \bullet \Delta \lambda$	200 – 400	< 30000	1,4 (80)	30/	't	
Eye UV-A	$E_{UVA} = \sum E_{\lambda} \cdot \Delta \lambda$	315 – 400	≤1000 >1000	1,4 (80)	10000/t 10		
Blue-light small source	$E_B = \sum E_\lambda \bullet B(\lambda) \bullet \Delta\lambda$	300 – 700	≤100 >100	< 0,011	100 1,0		
Eye IR	$E_{IR} = \sum E_{\lambda} \bullet \Delta \lambda$	780 –3000	≤1000 >1000	1,4 (80)	18000 <i>/</i> 100		
Skin thermal	$E_H = \sum E_\lambda \bullet \Delta \lambda$	380 – 3000	< 10	2π sr	20000	⁄t ^{0,75}	

Table 5.5	able 5.5 Summary of the ELs for the retina (radiance based values)						Р		
Hazard Nai	rd Name Relevant equation				Exposure duration sec	Field of view radians	EL in ter constant r W•m-2•	radiance	
Blue light		$L_{B} = \sum L_{\lambda} \cdot B(\lambda) \cdot \Delta \lambda$	300 – 700	0,25 - 10 10-100 100-10000 ≥ 10000	0,011•√(t/10) 0,011 0,0011•√t 0,1	10 ⁶ /t 10 ⁶ /t 10 ⁶ /t 100			
Retinal thermal	;s ^{Te}	$L_{R} = \sum L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda$	380 – 1400	< 0,25 0,25 – 10	0,0017 0,011•√(t/10)	50000/(c	,		
Retinal thermal (weak visual stimulus)		$L_{IR} = \sum L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda$	780 – 1400	> 10	0,011	6000)/α		



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REPORT NO.: LCSB051823045S001



Page 16 of 18

LCSTESTINS	LCS Testing	IEC 62471	LCS Testills	ST LCS Test
Clause	Requirement - Test		Result - Remark	Verdict

Table 6.1	Emission limits for risk groups of continuous wave lamps								
		Symbol	Units	Emission Measurement					
Risk	Action spectrum			Exempt		Low risk		Mod risk	
	ı			Limit	Result	Limit	Result	Limit	Result
Actinic UV	S _{UV} (λ)	Es	W•m⁻²	0,001		0,003	2.6e-04	0,03	ing (f)
Near UV	·汧检测》 CS Testing L	E _{UVA}	W•m⁻²	10	Stin g Lab	33	9.7e-05	100	ing Lab
Blue light	Β(λ)	L _B	W•m ⁻² •sr ⁻¹	100		10000	2.5e+03	4000000	
Blue light, small source	Β(λ)	Ев	W•m⁻²	1,0*		1,0		400	
Retinal thermal	R(λ)	L _R	W•m ⁻² •sr ⁻¹	28000/α		28000/α	5.0e+04	71000/α	
Retinal thermal, weak visual stimulus**) R(λ)	L _{IR}	W•m ⁻² •sr ¹	6000/α	<u>-</u>	6000/α	股份 ng Lab	6000/α	立语检测 LCS Test
IR radiation, eye		E _{IR}	W•m⁻²	100		570	2.0e-01	3200	

^{*} Small source defined as one with α < 0,011 radian. Averaging field of view at 10000 s is 0,1 radian.







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^{**} Involves evaluation of non-GLS source

REPORT NO.: LCSB051823045S001



Attachment No.1

Photo Documentation



Photo 1

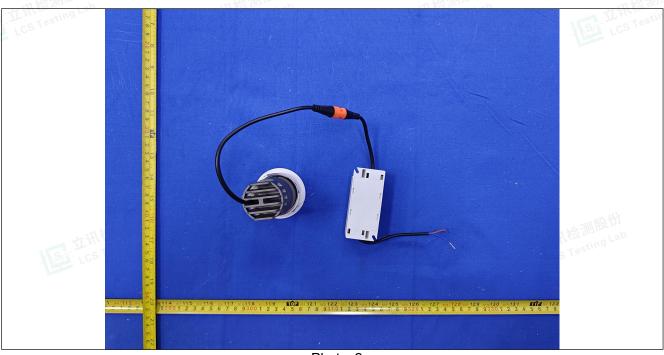


Photo 2



REPORT NO.: LCSB051823045S001



Attachment No.1

Photo Documentation

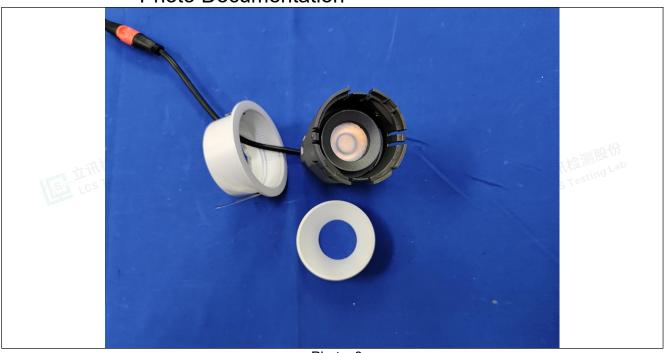


Photo 3



Photo 4

-----End of Test Report-----

