



TEST REPORT

Reference No	: 34	WTF22F12246926N
Applicant	: 3	Mid Ocean Brands B.V.
Address	31 	7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer	N.	Mid Ocean Brands B.V.
Address	¢.	7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Product Name	ķ:	wireless power bank speaker
Model No	: m	MO6887
Test specification	NINIT'	Photobiological safety of lamps and lamp systems EN 62471:2008 IEC 62471:2006 (First Edition)
Date of Receipt sample	5	2022-12-07
Date of Test	÷	2022-12-07 to 2023-02-24
Date of Issue	: 3	2023-02-24
Test Report Form No	7:7-	WPL-62471A-01A
Test Result	ΞŢ	Pass A A A A A A A A A A A A A A A A A A

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By: Waltek Testing Group (Foshan) Co., Ltd.

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Tested by:

Johnny Zhao

Approved by:

Ákin Xu

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Page 1 of 14



Test item description	: wireless power bank speaker	
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Trade Mark..... None

General remarks:

"(See Enclosure #)" refers to additional information appended to the report.

- "(See remark #)" refers to a remark appended to the report.
- "(See appended table)" refers to a table appended to the report.
- Throughout this report a comma (point) is used as the decimal separator.

Use of uncertainty of measurement for decisions on conformity (decision rule): No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").

Remark:

- 1. Measurement was conducted at voltage 5VDC with USB and at a stable ambient temperature 25°C±5°C.
- 2. Detail information for models covered in this report as below:

<u></u>	Item	Model	Ratings	ССТ	Driver
Ę.	<u></u>	MO6887	5VDC		Jr Jr

Summary of testing:

The tests were conducted under luminaire/lamp/LED rating.

All tests were carried out at model MO6887. $\alpha = 0.1000$ radian, distance between lamp and senso	r: 200.0 mm.			
Test item particulars		æ. 197.	Ster Ste	and all
Tested lamp	: 🛛 continuous	s wave lamps		sed lamps
Tested lamp system	No lamp syste	em		
Lamp classification group	∶exempt⊠	risk 1	risk 2	risk 3
Lamp cap	the state			
Bulb	Y 4			
Rated of the lamp	See model lis	t in page 2		
Furthermore marking on the lamp	None			
Seasoning of lamps according IEC standard	None			
Used measurement instrument	See page 13			
Temperature by measurement	25 ± 5 °C			
Information for safety use	pri sur	Sec. 20		1. 10
Possible test case verdicts:	et set .	NUTER MUTER	and and	and and
 test case does not apply to the test object 	N(/A) (Not app	olicable)		
 test object does meet the requirement 	P (Pass)			
 test object does not meet the requirement 	: F (Fail)		1 10	de s
General product information: N/A	NUTE WATE	WALT WAL	and a	NACE AND



121

Clause	Requirement + Test	Result – Remark	Verdict
4	EXPOSURE LIMITS	men me all	P
4.1	General	10 50 5	P
stret wi	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	and white white	P
et antife	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	Р
4.3	Hazard exposure limits	- State with and	Р
4.3.1	Actinic UV hazard exposure limit for the skin and eye	30° 30° 3	Р
ner an	The exposure limit for effective radiant exposure is 30 J·m ⁻² within any 8-hour period	MITER WALTER WALTE	P
	To protect against injury of the eye or skin from ultraviolet radiation exposure produced by a broadband source, the effective integrated spectral irradiance , E_s , of the light source shall not exceed the levels defined by:	The white white	Ρ
whiter a	$E_{\rm s} \cdot t = \sum_{200}^{400} \sum_{t} E_{\lambda}(\lambda, t) \cdot S_{\rm UV}(\lambda) \cdot \Delta t \cdot \Delta \lambda \le 30 \qquad \text{J·m}^{-2}$	and the second second	P.
NETER MAY	The permissible time for exposure to ultraviolet radiation incident upon the unprotected eye or skin shall be computed by:	White white	Р
Set WALK	$t_{\max} = \frac{30}{E_s} \qquad s$	WALLY WALLEY S	Р
4.3.2	Near-UV hazard exposure limit for eye	t with which and	Р
and the sal	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 .	and and and	P
et andreit	The permissible time for exposure to ultraviolet radiation incident upon the unprotected eye for time less than 1000 s, shall be computed by:	A STOL STOLEN	Р
whitey a	$t_{\max} \le \frac{10\ 000}{E_{\text{UVA}}} \qquad \text{s}$	and anot she	e Pet
4.3.3	Retinal blue light hazard exposure limit	See table 4.2	Р
nter with	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:	and and and a	Ρ
Sumerice	$L_{\rm B} \cdot t = \sum_{300}^{700} \sum_{t} L_{\lambda}(\lambda, t) \cdot B(\lambda) \cdot \Delta t \cdot \Delta \lambda \le 10^6 \qquad \rm J \cdot m^{-2} \cdot sr^{-1}$	for t $\leq t_{\text{max}} = \frac{10^6}{L_B}$	Р

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24	IEC/EN 62471	and the start	6 - 10 -
Clause	Requirement + Test	Result – Remark	Verdict
and the st	$L_{\rm B} = \sum_{300}^{700} L_{\lambda} \cdot B(\lambda) \cdot \Delta \lambda \le 100 \qquad \qquad {\rm W} \cdot {\rm m}^{-2} \cdot {\rm sr}^{-1}$	1910 - 1910 - 1910 1910 - 1910 - 1910	P
4.3.4	Retinal blue light hazard exposure limit - small source	m m m	N
175	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:	and and and and	N
Jun - Let	$E_{B} \cdot t = \sum_{300}^{700} \sum_{t} E_{\lambda}(\lambda, t) \cdot B(\lambda) \cdot \Delta t \cdot \Delta \lambda \le 100 \qquad J \cdot m^{-2}$	when when w	N
and .	$E_{\rm B} = \sum_{300}^{700} E_{\lambda} \cdot B(\lambda) \cdot \Delta \lambda \le 1 \qquad \rm W \cdot m^{-2}$	which which whi	N
4.3.5	Retinal thermal hazard exposure limit	men white when	P
stek yanis Kanasek	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:	The second second	P P
	$L_{R} = \sum_{380}^{1400} L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda \le \frac{50000}{\alpha \cdot t^{0,25}} \qquad W \cdot m^{-2} \cdot sr^{-1}$	(10 µs ≤ t ≤ 10 s)	P
4.3.6	Retinal thermal hazard exposure limit – weak visual stimulus	1 15 5	S [©] P
ret _{vinit} r t	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:	which white	P
ANNO -	$L_{\rm IR} = \sum_{780}^{1400} L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda \le \frac{6000}{\alpha} \qquad W \cdot {\rm m}^{-2} \cdot {\rm sr}^{-1}$	100 - 100 - 100	Р
4.3.7	Infrared radiation hazard exposure limits for the eye	her an an	Р
et ynifet	The avoid thermal injury of the cornea and possible delayed effects upon the lens of the eye (cataractogenesis), ocular exposure to infrared radiation, E_{IR} , over the wavelength range 780 nm to 3000 nm, for times less than 1000 s, shall not exceed:	Set and and and a	P
WALLER V	$E_{\rm IR} = \sum_{780}^{3000} E_{\lambda} \cdot \Delta \lambda \le 18000 \cdot t^{-0,75} \qquad \rm W \cdot m^{-2}$	and and and and	Р
run ar	For times greater than 1000 s the limit becomes:	whet mare white	P. 1
ret which	$E_{\rm IR} = \sum_{780}^{3000} E_{\lambda} \cdot \Delta \lambda \le 100 \qquad \rm W \cdot m^{-2}$	et anitet anitet	Р
4.3.8	Thermal hazard exposure limit for the skin	+ 13 15 .	S P
4	Visible and infrared radiant exposure (380 nm to 3000 nm) of the skin shall be limited to:	sher shere sh	Р

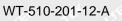
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-20	IEC/EN 62471						
Clause	Requirement + Test	Result – Remark	Verdict				
and the state	$E_{H} \cdot t = \sum_{380}^{3000} \sum_{t} E_{\lambda}(\lambda, t) \cdot \Delta t \cdot \Delta \lambda \le 20000 \cdot t^{0,25} \qquad J \cdot m^{-2}$	100 100 100 100	P				
5	MEASUREMENT OF LAMPS AND LAMP SYSTEMS	In In In	Р				
5.1	Measurement conditions	ster outer white	Nº Por				
	Measurement conditions shall be reported as part of the evaluation against the exposure limits and the assignment of risk classification.	and and an area w	P STA				
5.1.1	Lamp ageing (seasoning)	d de s	< N				
and a	Seasoning of lamps shall be done as stated in the appropriate IEC lamp standard.	which which which	N				
5.1.2	Test environment	mate white white	• Р 🖄				
SEX WALL	For specific test conditions, see the appropriate IEC lamp standard or in absence of such standards, the appropriate national standards or manufacturer's recommendations.	set white white.	P				
5.1.3	Extraneous radiation	+ 5 ^{ch} 5 ^{ch} 1	P				
WHELEK V	Careful checks should be made to ensure that extraneous sources of radiation and reflections do not add significantly to the measurement results.	while white white	P.				
5.1.4	Lamp operation	1. 1. 18	P				
an an	Operation of the test lamp shall be provided in accordance with:	which which	P				
and a subscription	 the appropriate IEC lamp standard, or 	and when white w	N N				
- 15	- the manufacturer's recommendation		P				
5.1.5	Lamp system operation	Interest united wh	SP				
UNITER ON	The power source for operation of the test lamp shall be provided in accordance with:	what which which	P-				
	 the appropriate IEC standard, or 		Р				
an an	- the manufacturer's recommendation	The and the and the	N R				
5.2	Measurement procedure	a a st	P				
5.2.1	Irradiance measurements	A COMPENSION AND AND	Р				
dit -	Minimum aperture diameter 7mm.	the start of	e P				
an i	Maximum aperture diameter 50 mm.	while while wh	Р				
NUTER M	The measurement shall be made in that position of the beam giving the maximum reading.	whet where white	P. C.P.				
1 1	The measurement instrument is adequate calibrated.	a de de	J-P				
5.2.2	Radiance measurements	in white white	P				
5.2.2.1	Standard method	. 15 IS	_ P.√				
	The measurements made with an optical system.	we was set	P				





1	IEC/EN 62471	10 de 1	
Clause	Requirement + Test	Result – Remark	Verdict
Whiter w	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.	and and and	Р
5.2.2.2	Alternative method	1 1 1	P
et avite	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.	et the the	Р
5.2.3	Measurement of source size	All all a	Р
surver .	The determination of α , the angle subtended by a source, requires the determination of the 50% emission points of the source.	white white wh	Р
5.2.4	Pulse width measurement for pulsed sources	mar white when	N
Set whit	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.	set aniset aniset.	N
5.3	Analysis methods	* aller aller at	Р
5.3.1	Weighting curve interpolations	the second	Р
and a	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	N P
5.3.2	Calculations	Contra contra	P
rest synthe	The calculation of source hazard values shall be performed by weighting the spectral scan by the appropriate function and calculating the total weighted energy.	which which a	P S
5.3.3	Measurement uncertainty	with all and	Р
and the state	The quality of all measurement results must be quantified by an analysis of the uncertainty.	tot stat with	P
6	LAMP CLASSIFICATION	and the star	Р
STEP WAY	For the purposes of this standard it was decided that the values shall be reported as follows:	see table 6.1	P
er ynnifer ynnifer	 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 	A SUPER SUPER SU	N S
maret wi	 for all other light sources, including pulsed lamp sources, the hazard values shall be reported at a distance of 200 mm 	whet while white	P
6.1	Continuous wave lamps	let get stat	P
6.1.1	Exempt Group	The she is	Р
white	In the exempt group is lamp, which does not pose any photobiological hazard. The requirement is met by any lamp that does not pose:	spire with sp	Р

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200	IEC/EN 62471	-10- 20 - 1	
Clause	Requirement + Test	Result – Remark	Verdic
State .	 an actinic ultraviolet hazard (E_s) within 8-hours exposure (30000 s), nor 	10 10 10 10	Р
en en Liter e	 a near-UV hazard (E_{UVA}) within 1000 s, (about 16 min), nor 	when when we	Р
n and	- a retinal blue-light hazard (L_B) within 10000 s (about 2,8 h), nor	in which which	Р
we we	- a retinal thermal hazard (L _R) within 10 s, nor	et mile when w	Р
Multer.	- an infrared radiation hazard for the eye (E_{IR}) within 1000 s	The same and	P
maret wi	Lamps that emit infrared radiation without a strong visual stimulus and do not pose a near-infrared retinal hazard (L_{IR}), within 1000 s are in Risk Exempt Group	NUTER AND STREET	P
6.1.2	Risk Group 1 (Low-Risk)	at at at	N .
4	In this group is lamp, which exceeds the limits for the exempt group but that does not pose:	which where a	N
man	 an actinic ultraviolet hazard (E_s) within 10000 s, nor 	which which we	Ň
ð	- a near ultraviolet hazard (EUVA) within 300 s, nor	a de d	o N [™]
sher a	- a retinal blue-light hazard (L _B) within 100 s, nor	which where where	N N
de s	- a retinal thermal hazard (L _R) within 10 s, nor	1 15 15	- N
20	– an infrared radiation hazard for the eye (E_{IR}) within 100 s	Carry ale	N
ret waite	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.	which the surface of	N
6.1.3	Risk Group 2 (Moderate-Risk)	with mitter and	Ň
marter	This requirement is met by any lamp that exceeds the limits for Risk Group 1, but that does not pose:	fet stat with	N
50°	 an actinic ultraviolet hazard (E_S) within 1000 s exposure, nor 	at not not	N
40	- a near ultraviolet hazard (E _{UVA}) within 100 s, nor	s mr m	N
an and the	- a retinal blue-light hazard (L_B) within 0,25 s (aversion response), nor	A MULTER MULTER AN	N
Whitek y	 a retinal thermal hazard (L_R) within 0,25 s (aversion response), nor 	minet white whi	N N
dr.	– an infrared radiation hazard for the eye (E_{IR}) within 10 s	i de de	N
nt wi set sit	Lamps that emit infrared radiation without a strong visual stimulus and do not pose a near-infrared retinal hazard (L_{IR}), within 10 s are in Risk Group 2.	and and and	N
6.1.4	Risk Group 3 (High-Risk)	and the s	N
AND LE	Lamps which exceed the limits for Risk Group 2 are in Group 3.	MALIER MALIER W	N
6.2	Pulsed lamps	the star of	N

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Reference No.: WTF22F12246926N



m	IEC/EN 62471				
Clause	Requirement + Test	Result – Remark	Verdict		
and the second	Pulse lamp criteria shall apply to a single pulse and to any group of pulses within 0,25 s.	at the st	N		
	A pulsed lamp shall be evaluated at the highest nominal energy loading as specified by the manufacturer.	when when wh	N		
n yn	The risk group determination of the lamp being tested shall be made as follows:	Lat white white	N		
sunt.	 a lamp that exceeds the exposure limit shall be classified as belonging to Risk Group 3 (High-Risk) 	white white w	N		
white -	 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 	WALTER WALTER WAL	N		
an an Lifet annis ar ch	 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 	net white white	N		

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	elength [,] , nm	UV hazard function S _{υν} (λ)	Wavelength λ, nm	UV hazard function S _{uν} (λ)
4	200	0,030	313*	0,006
n an	205	0,051	315	0,003
d d	210	0,075	316	0,0024
- and	215	0,095	317	0,0020
+	220	0,120	318	0,0016
she :	225	0,150	319	0,0012
J.	230	0,190	320	0,0010
50 A	235	0,240	322	0,00067
5 ⁰⁷	240	0,300	323	0,00054
	245	0,360	325	0,00050
and the	250	0,430	328	0,00044
2	254*	0,500	330	0,00041
June .	255	0,520	333*	0,00037
de la	260	0,650	335	0,00034
6 N	265	0,810	340	0,00028
15 1	270	1,000	345	0,00024
- ann	275	0,960	350	0,00020
- 2	280*	0,880	355	0,00016
ne.	285	0,770	360	0,00013
50	290	0,640	365*	0,00011
sh	295	0,540	370	0,000093
5 2	297*	0,460	375	0,000077
	300	0,300	380	0,000064
<u> </u>	303*	0,120	385	0,000053
	305	0,060	390	0,000044
MALIN	308	0,026	395	0,000036
	310	0,015	400	0,000030

¹ Wavelengths chosen are representative: other values should be obtained by logarithmic interpolation at intermediate wavelengths.

* Emission lines of a mercury discharge spectrum.



Wavelength nm	Blue-light hazard function B (λ)	Burn hazard function R (λ)
300	0,01	
305	0,01	- All All All All All
310	0,01	and the second second
315	0,01	- 14 - 14 - 5 ⁶
320	0,01	the ship the ship
325	0,01	
330	0,01	the state states
335	0,01	and the second
340	0,01	A A A
345	0,01	The share and the share and
350	0,01	and the second
355	0,01	A 15 15 5
360	0,01	In all when we we
365	0,01	1 1 1
370	0,01	Start Start Start
375	0,01	the second second
380	0,01	
385	0,013	0,13
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
455	0,90	9,0
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
500-600	10 ^[(450-λ)/50]	1,0
600-700	0,001	1,0
700-1050	at the set of the set	10 ^[(700-λ)/500]
1050-1150	See and the second	0,2
1150-1200	1 1 1 5 5	0,2.10 ^{0,02(1150-λ)}

Reference No.: WTF22F12246926N

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Hazard Name	Relevant equation	Wavelength range nm	Exposure duration sec	Limiting aperture rad (deg)	EL in terms of constant irradiance 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	$E_{UVA} = \sum E_{\lambda} \bullet \Delta \lambda$	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/t 1,0
Eye IR	$E_{IR} = \sum E_{\lambda} \bullet \Delta \lambda$	780 –3000	≤1000 >1000	1,4 (80)	18000/t ^{0,75} 100
Skin thermal	$E_{H} = \sum E_{\lambda} \bullet \Delta \lambda$	380 - 3000	< 10	2π sr	20000/t ^{0,75}

Table 5.5 Sur	mmary of the ELs for th	e retina (radian	ce based valu	ies)	PUL
Hazard Name	Relevant equation	Wavelength range nm	Exposure duration sec	Field of view radians	EL in terms of constant radiance W•m ⁻² •sr ⁻¹)
Blue light	$L_B = \sum L_\lambda \bullet B(\lambda) \bullet \Delta \lambda$	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	$L_{R} = \sum L_{\lambda} \bullet R(\lambda) \bullet \Delta \lambda$	380 – 1400	< 0,25 0,25 – 10	0,0017 0,011•√(t/10)	50000/(α•t ^{0,25}) 50000/(α•t ^{0,25})
Retinal thermal (weak visual stimulus)	$L_{IR} = \sum L_{\lambda} \bullet R(\lambda) \bullet \Delta \lambda$	780 – 1400	> 10	0,011	6000/α

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	Action Emission Measurement									
Risk spectr	Symbol	Units	Exe	empt	Low	risk	N	lod	risk	
	um			Limit	Result	Limit	Result	Limit		Resul
Actinic UV	S _{UV} (λ)	Es	W•m ⁻²	0,001	0	0,003	37 - C.C.	0,03	3	· · · · ·
Near UV	100	EUVA	W•m⁻²	0.33	0	J- 33 J		100)	ñ
Blue light	Β(λ)	L _B	₩•m ⁻	100	1.310e-2	10000	58	400000		÷
Blue light, small source	Β(λ)	Ев	W•m ⁻²	0.01	er	1,0		400))	an a state
Retinal thermal	R(λ)	L _R	W∙m⁻ ²∙sr⁻¹	28000/α	1.759e0	28000/α	+	7100	0/α	
Retinal thermal, weak visual	R(λ)	Lir	W∙m⁻ ²•sr⁻¹	545000 0.0017 ≤α≤ 0.011	and which	et wouldet	an <u>ti</u> ret a	Noter-	and Lifes	- WAN
stimulus	Tex whit	on united	•51	6000/α 0.011 ≤α≤ 0.1					Whitek.	
IR adiation , eye		E _{IR}	W•m⁻²	100	0 570 3200 -			5 ⁶⁵ -191		
Small so * Involves	urce defined evaluation o	d as one with of non-GLS s	α<0.011 r ource.	adian. Avera	ging field of vie	Mar 1	her a		ner.	SHALL SHALL
1.07			1			LB RFOV Measured Limit (mrad) (W/m2/sr) (W/m2/s				
0.8-					100(Exempt Risk Group) 1.310e-2 1.000e			00e2		
						11(Risk Group 1) 1.759e-1 1.000e4			00e4	
ម្ម 0.6- ភ្					1.7(Risk Group 2) 4.184e-1 4.000e6					
1 2					LR RFOV Measured Limit (mrad) (W/m2/sr) (W/m2/s					
m 0.6-					11(Exempt Risk Group) 1.759e0 2.800e5					
0.4						Risk Gr	oup) '''	0000	2.0	00e5
0.2- 0.0 200						Risk Gro 11(Ri Group	sk 1.7	759e0		00e5 00e5



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Attachment 1: Equipment List

Equipment	Model/Type	Cal. Due. Date		
Biosafety ultraviolet light leaking spectrum analysis system	EVERFINE PMS-700	2024-01-05		
Precise digital display dc current stabilized voltage supply	EVERFINE WY305-V1	2024-01-05		
High standards of stable ultraviolet radiation power	EVERFINE UVS-8005	2023-01-11		
Ultraviolet radiation standard lamp	EVERFINE SIS-631	2024-01-05		
D204BH ray radiation intensity standard lamp	EVERFINE D204BH-3200K	2024-01-05		
AC power source	ACPOWER AFC-110104F	2024-01-05		
Temperature & Humidity Datalogger	Testo 608-H1	2024-01-05		



Attachment 2: Photo document

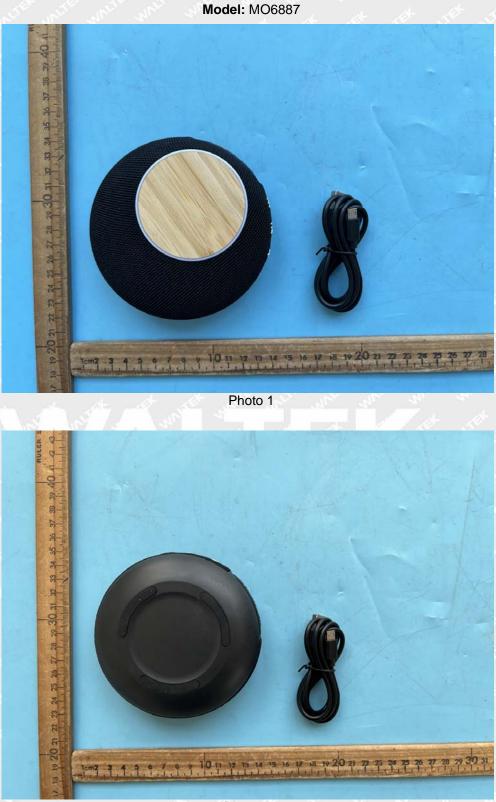


Photo 2

===== End of Report ======

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