



<b>TEST REPORT</b> <b>EN 62493</b> <b>Assessment of lighting equipment related to human exposure to electromagnetic fields</b>	
<b>Report Number.....:</b>	AOC250515006S
<b>Date of issue.....:</b>	2025-04-25
<b>Total number of pages.....:</b>	9 pages
<b>Name of Testing Laboratory preparing the Report.....:</b>	Shenzhen AOCE Electronic Technology Service Co., Ltd Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
<b>Applicant's name.....:</b>	Private Manufacturing and Trading Unitary Enterprise "Vitebsk Electrotechnical Enterprise "SVET" (PMTUE "Vitebsk Electrotechnical Enterprise "Svet")
<b>Address.....:</b>	Republic of Belarus, 210002, Vitebsk, Lomonosova Str, 2A
<b>Test specification:</b>	
<b>Standard.....:</b>	EN 62493:2015+A1:2022
<b>Test procedure.....:</b>	Type testing
<b>Non-standard test method.....:</b>	N/A
<b>Test Report Form No.....:</b>	IEC62493B
<b>Test Report Form(s) Originator.....:</b>	Intertek Semko AB
<b>Master TRF.....:</b>	2016-04
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<b>Test item description..... :</b>	LED lamp	
<b>Trade Mark..... :</b>	N/A	
<b>Manufacturer..... :</b>	Zhongshan Shi Sheng Yuan Lighting Co., Ltd No.2 north Xingtai Road, Guzhen Town, Zhongshan City, Guangdong Province, China.	
<b>Model/Type reference..... :</b>	Linear lamp 36 W	
<b>Ratings..... :</b>	220-240 V~, 50/60 Hz, 1.6 A, Class II, IP 40, ta:55 °C	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/> <b>Testing Laboratory:</b>	Shenzhen AOCE Electronic Technology Service Co., Ltd	
<b>Testing location/ address..... :</b>	Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China	
<b>Tested by (name, function, signature)..... :</b>	ZhiCong Xian Technical Engineer	<i>ZhiCong Xian</i>
<b>Approved by (name, function, signature)... :</b>	Robin Lin Technical Manager	<i>Robin Lin</i>
<b>Testing procedure: CTF Stage 1:</b>		
<input type="checkbox"/> <b>Testing procedure: CTF Stage 1:</b>	N/A	
<b>Testing location/ address..... :</b>		
<b>Tested by (name, function, signature)..... :</b>		
<b>Approved by (name, function, signature)... :</b>		
<b>Testing procedure: CTF Stage 2:</b>		
<input type="checkbox"/> <b>Testing procedure: CTF Stage 2:</b>	N/A	
<b>Testing location/ address..... :</b>		
<b>Tested by (name + signature)..... :</b>		
<b>Witnessed by (name, function, signature).. :</b>		
<b>Approved by (name, function, signature)... :</b>		
<b>Testing procedure: CTF Stage 3:</b>		
<input type="checkbox"/> <b>Testing procedure: CTF Stage 3:</b>	N/A	
<b>Testing procedure: CTF Stage 4:</b>		
<input type="checkbox"/> <b>Testing procedure: CTF Stage 4:</b>	N/A	
<b>Testing location/ address..... :</b>		
<b>Tested by (name, function, signature)..... :</b>		
<b>Witnessed by (name, function, signature).. :</b>		
<b>Approved by (name, function, signature)... :</b>		

<b>Supervised by (name, function, signature) :</b>			
<b>List of Attachments (including a total number of pages in each attachment):</b>			
<b>Attachment No.1:</b> Photo document.			
<b>Summary of testing:</b>			
<b>Tests performed (name of test and test clause):</b> - EN 62493:2015+A1:2022		<b>Testing location:</b> Shenzhen AOCE Electronic Technology Service Co., Ltd Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China	
<b>Summary of compliance with National Differences (List of countries addressed):</b>  N/A			

**Copy of marking plate:**

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

LED lamp  
LINEAR LAMP 36 W  
220-240 V~, 50/60 Hz, 1.6 A



Import: XXX  
Address: XXX

Manufacturer: Zhongshan Shi Sheng Yuan Lighting Co. Ltd  
Address: No.2 north Xingtai Road, Guzhen Town, Zhongshan City,  
Guangdong Province, China.

Made in China

<b>Test item particulars..... :</b>	
<b>Classification of installation and use..... :</b>	Fixed luminaire and use outdoor only
<b>Supply Connection..... :</b>	Supply cord
..... :	
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object..... :	N/A
- test object does meet the requirement..... :	P (Pass)
- test object does not meet the requirement..... :	F (Fail)
<b>Testing..... :</b>	
<b>Date of receipt of test item..... :</b>	2025-04-11
<b>Date (s) of performance of tests..... :</b>	2025-04-11 to 2025-04-25
<b>General remarks:</b>	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.  <b>Throughout this report a <input type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</b>	
<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC60335-1:</b>	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :	<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>Not applicable</b>
<b>When differences exist; they shall be identified in the General product information section.</b>	
<b>Name and address of factory (ies)..... :</b> Same as manufacturer	

General product information:		
Description of the EUT.....:	√	LED lamp
		Self-ballasted lamp
		Built-in electronic control gear
		Independent electronic control gear
		Others:
Control Gear.....:		Magnetic control gear / transformer
	√	Electronic control gear
		Others:
Lamp technology used.....:		Fluorescent lamp
		High pressure discharge lamp (HID)
	√	Light emitting diode (LED)
		Tungsten halogen lamp
		Incandescent lamp
		Others:
Model Number.....:	LINEAR LAMP 36 W	
Brand.....:	/	
Rated Voltage/Frequency.....:		AC:
	√	DC:
		AC/DC:
Rated Power.....:	36 W	
Protection Class.....:	-	
Number of phases.....:	-	
Accessories.....:	-	

IEC 62493			
Clause	Requirement + Test	Result - Remark	Verdict
<b>4</b>	<b>LIMITS</b>		-
<b>4.1</b>	<b>General</b>		P
	Comply with Van der Hoofden test limit in 4.2.3 or inherently compliant in 4.2.2 and pass assessment procedure for intentional radiators in 4.3		P
<b>4.2</b>	<b>Unintentional radiating part of lighting equipment</b>		P
4.2.2	Lighting equipment deemed to comply with the Van der Hoofden test without testing		P
	1) electronic controlgear	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	2) incandescent-lamp technology	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	3) LED-light-source technology	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
	4) OLED-light-source technology	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	5) high-pressure discharge lamp LED-light-source technologies	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	6) low-pressure discharge lamp technologies with exposure distance $\geq 50$ cm	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	7) independent auxiliary	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	Not fulfil any of 1-7 above subject to 4.2.3		—
4.2.3	Applications of limits		P
	Not fulfil any of 1-7 in 4.2.2 but the compliance factor $F$ is $\leq 1$		P
<b>4.3</b>	<b>Intentional radiating part of lighting equipment</b>		-
	Comply with one of methods in Clause 7 if intentional radiator		N/A

<b>5</b>	<b>GENERAL</b>		-
<b>5.1</b>	<b>Measurand</b>		N/A
	Test head, measuring instrumentation and measuring conditions according Clause 5.1 – 5.8		N/A

<b>6</b>	<b>MEASUREMENT PROCEDURE FOR THE VAN DER HOOFDEN TEST</b>		-
<b>6.1</b>	<b>General</b>		N/A
	Measurements carried out under conditions according Clause 6.1 – 6.6	See Table 6	N/A

<b>7</b>	<b>ASSESSMENT PROCEDURE INTENTIONAL RADIATORS</b>		-
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Clause	Requirement + Test	Result - Remark	Verdict
<b>7.2</b>	<b>Low-power exclusion method</b>		<b>P</b>
7.2.1	Input $P_{\text{int,rad}}$ .....:		—
	Exclusion level $P_{\text{max}}$ .....:		—
	Input power $P_{\text{int,rad}} < \text{exclusion level } P_{\text{max}}$		N/A
<b>7.3</b>	<b>Application of the EMF product standard for body worn-equipment</b>		N/A
	If not Clause 7.2 is met and expose distance $\leq 0.05$ m, comply with IEC 62209-2		N/A
<b>7.4</b>	<b>Application of the EMF product standard for base stations</b>		N/A
	If not Clause 7.2 is met and if intentional radiator is base station, comply with IEC 62232		N/A
<b>7.5</b>	<b>Application of another EMF standard</b>		N/A
	If not Clause 7.2 is met and if intentional radiator cannot be considered as in Clause 7.3 or 7.4, comply with IEC 62311		N/A

<b>6</b>	<b>TABLE: Measurement results with Van der Hoofden test head</b>				N/A
Location of EuT		Measuring distance	Result (F)	Limit (F)	Verdict
-		-	-	-	-

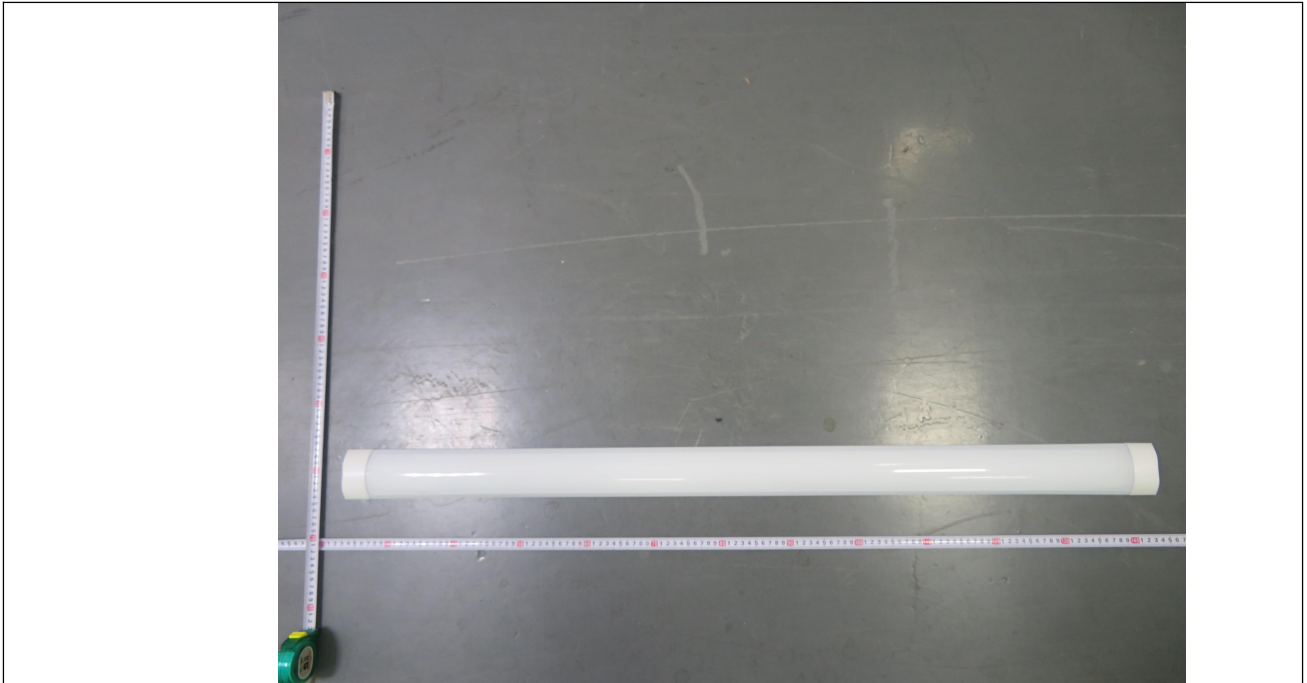
<b>6</b>	<b>TABLE: Equipment used during test with Van der Hoofden test head</b>			
Equipment	Manufacturer	Type	Id. No.	
Van der Hoofden test head	-	-	-	
Measurement receiver	-	-	-	



**Attachment No.1**

**Product Photos**

Details of: Overall view (model: LINEAR LAMP 36 W)



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