



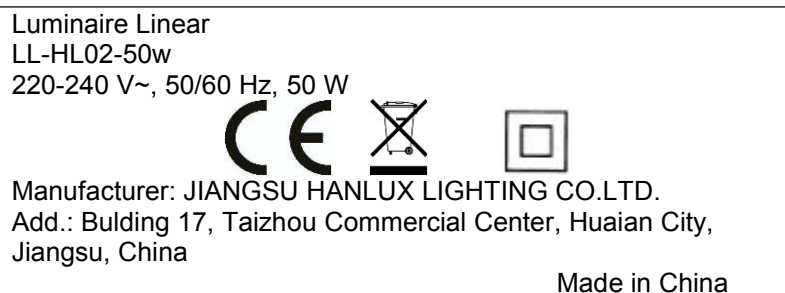
<b>TEST REPORT</b> <b>IEC 62493</b> <b>Assessment of lighting equipment related to human exposure to electromagnetic fields</b>	
<b>Report Number.....:</b>	AOC250722014S
<b>Date of issue.....:</b>	2025-07-31
<b>Total number of pages.....</b>	9 pages
<b>Name of Testing Laboratory preparing the Report.....:</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 Tel/fax: +375 212 366632
<b>Test specification:</b>	
<b>Standard.....:</b>	IEC 62493 (ed.2)
<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
<b>Copyright © 2016 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.</b> This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.	
<b>General disclaimer:</b>	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	

<b>Test item description..... :</b>	Luminaire Linear	
<b>Trade Mark..... :</b>	N/A	
<b>Manufacturer..... :</b>	JIANGSU HANLUX LIGHTING CO.LTD. Building 17, Taizhou Commercial Center, Huaian City, Jiangsu, China	
<b>Model/Type reference..... :</b>	LL-HL02-50w	
<b>Ratings..... :</b>	220-240 V~, 50/60 Hz, 50 W, 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>
<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>	
<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>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b>	N/A
<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> - Full tests are carried out on LL-HL02-50w	<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.



<b>Test item particulars..... :</b>	
<b>Classification of installation and use..... :</b>	Fixed Luminaire SPO
<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>	2025-07-07
<b>Date (s) of performance of tests..... :</b>	2025-07-07 to 2025-07-31
<b>General remarks:</b>	
<p>"(See Enclosure #)" refers to additional information appended to the report.</p> <p>"(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p>	
<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60529:</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.....:	√	Luminaire SPO
		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.....:	LINERAYS 1200-75-001	
Brand.....:		
Rated Voltage/Frequency.....:	√	AC: 50/60 Hz
		DC:
		AC/DC:
Rated Power.....:	75 W	
Protection Class.....:	-	
Number of phases.....:	Single	
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 checked="" type="checkbox"/> No <input 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>		P
	Test head, measuring instrumentation and measuring conditions according Clause 5.1 – 5.8	0.002 %	P

<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>		-
----------	---	--	---

IEC 62493			
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
-		-	-	-	-

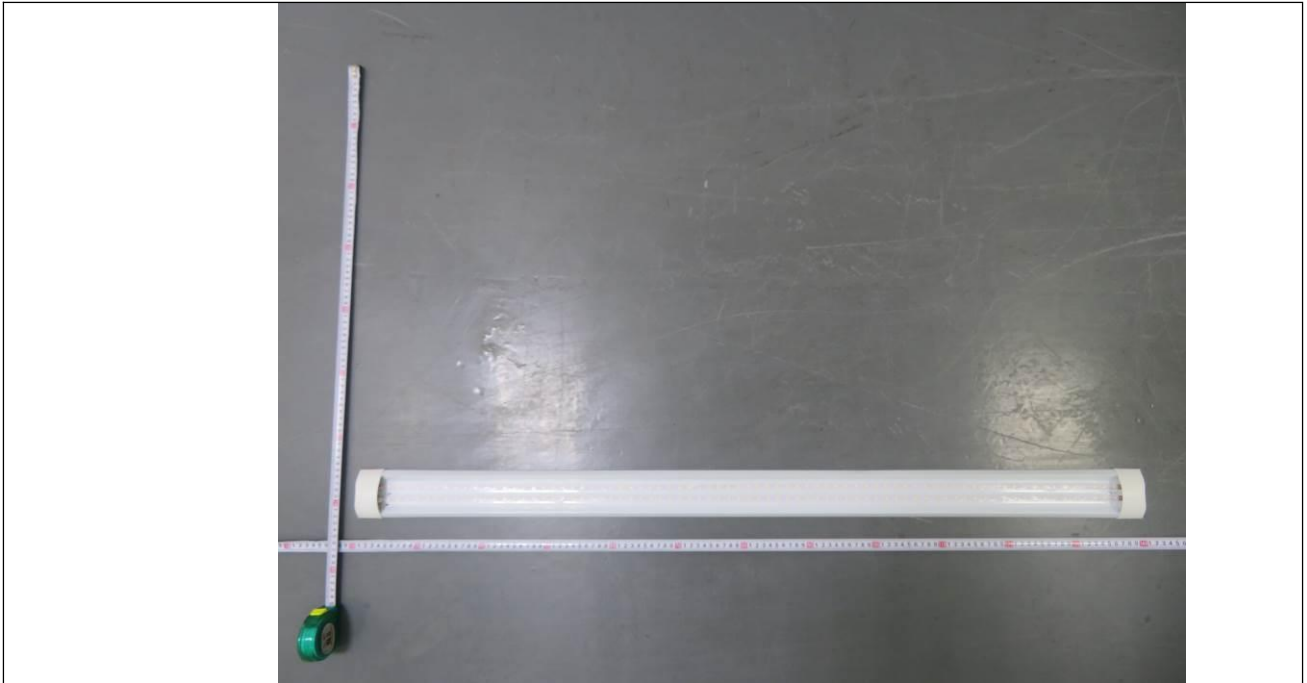
<b>6</b>	<b>TABLE: Equipment used during test with Van der Hoofden test head</b>			
Equipment	Manufacturer	Type	Id. No.	
Van der Hoofden test head	-	-	-	
Measurement receiver	-	-	-	



**Attachment No.1**

**Product Photos**

Details of: Overall view (model: LL-HL02-50w)



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