Test Report issued under the responsibility of:

TEST REPORT
IEC 62493
Assessment of lighting equipment related to human exposure to electromagnetic fields

Report Number.....:	AOC250725003S
Date of issue.....:	2025-07-30
Total number of pages.....	9 pages
Name of Testing Laboratory preparing the Report.....:	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
Applicant's name.....:	Private Manufacturing and Trading Unitary Enterprise "Vitebsk Electrotechnical Enterprise "SVET" (PMTUE "Vitebsk Electrotechnical Enterprise "Svet")
Address.....:	Republic of Belarus, 210002, Vitebsk, Lomonosova Str, 2A Tel/fax: +375 212 366632
Test specification:	
Standard.....:	IEC 62493 (ed.2)
Test procedure.....:	Type testing
Non-standard test method.....:	N/A
Test Report Form No.....:	IEC62493B
Test Report Form(s) Originator.....:	Intertek Semko AB
Master TRF.....:	2016-04

General disclaimer:

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.

Test item description.....:	Luminaire
Trade Mark.....:	N/A
Manufacturer.....:	JIANGSU HANLUX LIGHTING CO.LTD. Bulding 17, Taizhou Commercial Center, Huaian City, Jiangsu, China
Model/Type reference.....:	LineRays HL01-1200-160-002
Ratings.....:	220-240 V~, 50/60 Hz, 160 W, Class II, IP 40, ta: 55 ℃

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☒	**Testing Laboratory:**	Shenzhen AOCE Electronic Technology Service Co., Ltd	
Testing location/ address.....:		Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China	
Tested by (name, function, signature).....:		ZhiCong Xian Technical Engineer	ZhiCong X
Approved by (name, function, signature)...:		Robin Lin Technical Manager	Robin. L
☐	**Testing procedure: CTF Stage 1:**	N/A	
Testing location/ address.....:			
Tested by (name, function, signature).....:			
Approved by (name, function, signature)...:			
☐	**Testing procedure: CTF Stage 2:**	N/A	
Testing location/ address.....:			
Tested by (name + signature).....:			
Witnessed by (name, function, signature)..:			
Approved by (name, function, signature)...:			
☐	**Testing procedure: CTF Stage 3:**	N/A	
☐	**Testing procedure: CTF Stage 4:**	N/A	
Testing location/ address.....:			
Tested by (name, function, signature).....:			
Witnessed by (name, function, signature)..:			
Approved by (name, function, signature)...:			
Supervised by (name, function, signature) :			

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

Attachment No.1: Photo document.

Summary of testing:

Tests performed (name of test and test clause):	**Testing location:**
- Full tests are carried out on LineRays HL01-1200-160-002	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

Summary of compliance with National Differences (List of countries addressed):

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.

Luminaire
LineRays HL01-1200-160-002
220-240 V~, 50/60 Hz, 160 W

Manufacturer: JIANGSU HANLUX LIGHTING CO.LTD.
Add.: Bulding 17, Taizhou Commercial Center, Huaian City, Jiangsu, China
Made in China

Test item particulars..... :	
Classification of installation and use.....:	Fixed Lumianaire SPO
Supply Connection.....:	Supply cord
.....:	
Possible test case verdicts:	
- 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)
Testing.....:	
Date of receipt of test item.....:	2025-07-07
Date (s) of performance of tests.....:	2025-07-07 to 2025-07-30

General remarks:

"(See Enclosure #)" refers to additional information 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.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

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.....:	☐ **Yes** ☒ **Not applicable**

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

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

General product information:		
Description of the EUT.....:	√	Lumianaire 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
4	**LIMITS**		-
4.1	**General**		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
4.2	**Unintentional radiating part of lighting equipment**		P
4.2.2	Lighting equipment deemed to comply with the Van der Hoofden test without testing		P
	1) electronic controlgear	Yes ☒ No ☐	—
	2) incandescent-lamp technology	Yes ☐ No ☒	—
	3) LED-light-source technology	Yes ☒ No ☐	—
	4) OLED-light-source technology	Yes ☐ No ☒	—
	5) high-pressure discharge lamp LED-light-source technologies	Yes ☐ No ☒	—
	6) low-pressure discharge lamp technologies with exposure distance ≥ 50 cm	Yes ☐ No ☒	—
	7) independent auxiliary	Yes ☐ No ☒	—
	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 ≤ 1		P
4.3	**Intentional radiating part of lighting equipment**		**-**
	Comply with one of methods in Clause 7 if intentional radiator		N/A

5	**GENERAL**		**-**
5.1	**Measurand**		**P**
	Test head, measuring instrumentation and measuring conditions according Clause 5.1 – 5.8	0.002 %	P

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

7	**ASSESSMENT PROCEDURE INTENTIONAL RADIATORS**		**-**

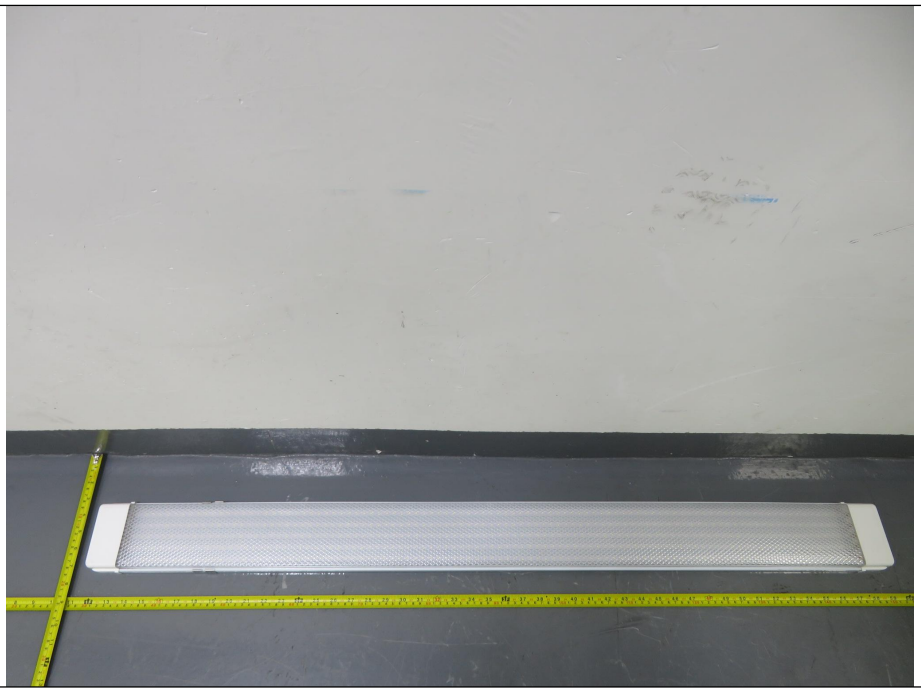
IEC 62493			
Clause	Requirement + Test	Result - Remark	Verdict
7.2	**Low-power exclusion method**		**P**
7.2.1	Input $P_{int,rad}$ ..... :		—
	Exclusion level P_{max} ..... :		—
	Input power $P_{int,rad}$ < exclusion level P_{max}		N/A
7.3	**Application of the EMF product standard for body worn-equipment**		N/A
	If not Clause 7.2 is met and expose distance ≤ 0.05 m, comply with IEC 62209-2		N/A
7.4	**Application of the EMF product standard for base stations**		N/A
	If not Clause 7.2 is met and if intentional radiator is base station, comply with IEC 62232		N/A
7.5	**Application of another EMF standard**		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

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

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

Attachment No.1 **Product Photos**

Details of: Overall view (model: LineRays HL01-1200-160-002)



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