Date : 2024-01-31

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER **'Assessment Reports' are not acceptable**	HELES2204000481-1	**CERTIFICATE NUMBER**	FI/41768
DATE OF ISSUE	2023-09-28	**DATE OF ISSUE**	2023-09-29
DATE OF EXPIRY	By expiration of the standard	**DATE OF EXPIRY**	2028-09-29
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Oy Hedengren Security Ab Lauttasaarentie 50, FI-00200 Helsinki, Finland	**NAME OF THE BRAND**	Nepto Lux
FACTORY ADDRESS / REGION **(STREET / TOWN / CITY / COUNTRY)**	1. Laukamo Group Oy Teollisuustie 1 FI-31400, Somero Finland 2. Stera Technologies Oy Tierankatu 5 A FI-20520, Turku Finland	**MODEL / NO**	N-IO
WEBSITE	https://www.hedengren.com/	**LOGO ON THE PRODUCT**	NeptoLux
TEL	+358 207 638 000	**EMAIL**	hedengren@hedengren.fi

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Product Details From Test Report		Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	Emergency light I/O unit	2
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 61347-2-11:2001 + A1:2019 EN 61347-1:2015 + A1:2021	3
TEST DESCRIPTION	The product testing was done at the following testing laboratory: SGS Fimko Ltd. Takomotie 8 FI-00380 Helsinki Finland The following clauses were checked during the testing (if applicable): - General requirements - Classification - Marking - Protection against accidental contact with live parts - Terminals - Provision for earthing - Moisture resistance and insulation - Electric strength - Fault conditions - Construction - Creepage distances and clearances - Screws, current-carrying parts and connections - Resistance to heat, fire and tracking - Resistance to corrosion	
SPECIFICATION OF TEST SPECIMEN	24-40V DC / 0,02W; ta +40°C, IP20	2
TEST RESULT (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)	All clauses as per the relevant standards mentioned in the test report have been tested and passed. The certification is issued based on the model meeting the full criteria of the test. The product fulfils the requirements of EN 61347-2-11:2001 + A1:2019 used in conjunction with EN 61347-1:2015 + A1:2021.	

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PRODUCT APPLICATION GUIDELINE (END USE) **(CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN___/TO BE INSTALLED AT____/TO BE CONNECTED WITH____/TO BE INSTALLED WITH___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN___/NOT TO BE INSTALLED AT___/ NOT TO BE INSTALLED WITH___ETC.**	The device is an input and output unit e.g. for phase monitoring. The unit has 4 inputs and 2 outputs. A maximum number of 16 units may be connected to a central unit. The unit reserves an address on the address line. The address may be set and checked with the Neptolux programming device and the N-PROG Cable. N-IO inputs: − Can be used for phase monitoring or fault monitoring. − The input may monitor opening or closing contacts. N-IO outputs: − May be used to control e.g. traditional luminaries which may be activated by a programmable function. − The state of output is indicated with a green LED (OUT 1 / OUT 2). When the output is activated, the LED is illuminated. The fault monitoring can be selected by a DIP switch on the printed circuit board. Inputs may be monitored for short circuits and open circuits. The fault monitoring can be activated by switching the left side slide lever of the DIP-switch to position 2. Phase monitors may be connected to all inputs. The connection is of NC-type. The phase monitor shall be used with safety isolated relay, -for example with Phoenix Contact PDT relay PLC-RSP-230UC/21. The phase monitor supplies the unit with a low voltage signal (max. 40V). Also possible relays connected to the outputs (for controlling eg. traditional luminaries) shall be safety isolated relays. The module is a class III independent controlgear in which protection against electric shock relies on supply at safety extra-low voltage (SELV) and in which voltages higher than those of SELV are not generated. The enclosure is made of thermoplastic material. The module is intended for independent installation. The device is part of automatic test system for battery powered emergency lighting. The device has been tested as a part of the automatic test system according to the standard EN 62034:2012. For the details see the certificate FI/41870 (dated 2024-01-02) and the test report HELES2204000483-1 (dated 2023-12-21).	6

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Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	SGS Fimko Ltd.	**NAME OF TEST FACILITY**	SGS Fimko Ltd.
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Takomotie 8 FI-00380 Helsinki Finland	**TEST FACILITY ADDRESS / REGION** (STREET / TOWN / CITY / COUNTRY)	Takomotie 8 FI-00380 Helsinki Finland
WEBSITE	www.sgs.com/en-fi	**WEBSITE**	www.sgs.com/en-fi
TEL	+358-9-696361	**TEL**	+358-9-696361
EMAIL	sgs.fimko@sgs.com	**EMAIL**	sgs.fimko@sgs.com
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	FINAS http://www.finas.fi	**ACCREDITED BY** (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	FINAS http://www.finas.fi
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	EN ISO/IEC 17065	**AS PER** (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	EN ISO/IEC 17025
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	2026-03-20	**VALIDITY** (EXPIRY DATE OF LABORATORY ACCREDITATION)	2027-04-20
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	S003	**REFERENCE NUMBER:** (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	T004
CERTIFICATION MARK	FI		

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(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Jan Herranen	**SIGNATURE**	
EMAIL / TEL	Jan.herranen@hedengren.com +358 406105176	**FACTORY OFFICIAL SEAL**	HEDENGREN Security
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Peter Fagerstedt	**SIGNATURE**	
EMAIL / TEL	peter.fagerstedt@sgs.com +358504081397	**CERTIFICATION BODY OFFICIAL SEAL**	SGS SGS Fimko Ltd. SGS Fimko Oy
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- **COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)**