



Declaration of Conformity

NR 25/23

KLUŚ Sp. z o.o., ul. Słoneczna 126, 05-506 Kolonia Lesznowola hereby declares that the product:

SERPENT ZW X90

with the following parameters 220-240V 50/60Hz, LED, IP20, class I
is compliant with the provisions of the following EU directive (directives) (including all changes and amendments thereto)

Directive EMC 2014/30/UE
Directive RoHS (UE) 2015/863
Directive EuP 2009/125/WE
Directive 2011/65/UE
Directive 2014/35/UE

and that the following harmonized standards and/or technical documentation were applied:

PN-EN 60598-1:2015-04

Luminaires - Part 1: General requirements and tests

PN-EN 60598-2-1:2021-09

Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires

PN-EN IEC 61000-3-2:2019/A1:2021

Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment input current \leq or $=$ 16 A per phase).

PN-EN 61000-3-3:2013/A1:2019

Electromagnetic compatibility (EMC). Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq or $=$ 16 A per phase and not subject to conditional connection.

PN-EN IEC 55015:2019/A11:2020

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.

PN-EN 62471:2010

Photobiological safety of lamps and lamp systems.

PN-EN IEC 63000:2019

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.



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PN-EN 61547:2009

Equipment for general lighting purposes. EMC immunity requirements.



KLUŚ Sp. z o.o.

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Kolonia Lesznowola , 30/05/2023

PREZES ZARZĄDU

Sylwester Kluś

last name, first name and position of the person authorized to sign documents on behalf of the manufacturer