



# Declaration of Conformity

## NR 39/23

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

# MI-BUBBLE-02

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 60598-1:2021-07**

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 , 02/10/2023

PREZES ZARZĄDU

*Sylwester Klus*

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