LUXIONA

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DECLARATION OF CONFORMITY EC AL-42/2017

Type (model): **DOUBLE SPHERE**

The batch number: W/NNNNNN/RR
W-products; C-clean products; D-dismantling; M-medical products; PR-Samples/prototypes; WL-to validate
NNNNNN-number of the consecutive manufacturing batch
RR-the last two digits of the production year

Raings:
LED; ~220-240V 50-60Hz; class I; IP20; EVG; EVG DIM

This declaration of conformity is issued under the sole responsibility of the manufacturer.
The object of the declaration described above is in accordance with applicable requirements European Union harmonisation legislation.

Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipmen

Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products

COMMISSION REGULATION (EU) No 1194/2012 of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment

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Jacentów, 2019.09.06

DYREKTOR ZAKŁADU

Michał Szybalski

(Industrial Director)

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The list of harmonised standards or other technical specifications:

PN-EN 62471, Photobiological Safety of Lamps and Lamp Systems

PN-EN 60598-1, Luminaires -- Part 1: General requirements and tests

PN-EN 61000-3-2, Electromagnetic compatibility (EMC) - - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current <= 16 A per phase)

PN-EN 61000-3-3, 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 <= 16 A per phase and not subject to conditional connection

PN-EN 55015, Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

PN-EN 61547, Equipment for general lighting purposes – (EMC) immunity requirements

PN-EN 62493, Assessment of lighting equipment related to human exposure to electromagnetic fields

PN-EN 50581, Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

PN-EN 60529, Specification for degrees of protection provided by enclosures (IP code)