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## DECLARATION OF CONFORMITY EC AL-29/2015

Type (model): **HARMONY LED UP&DOWN**

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

Ratings :  
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 equipment

**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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DYREKTOR ZAKŁADU

*Michał Szybalski*

(Industrial Director)

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## **DECLARATION OF CONFORMITY EC AL-29/2015**

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 60598-2-2**, Luminaires – Part 2-2: Particular requirements – Recessed luminaires

**PN-EN 61000-3-2**, Electromagnetic compatibility (EMC) - - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current  $\leq 16$  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  $\leq 16$  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 60529**, Specification for degrees of protection provided by enclosures (IP code)

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