

EC DECLARATION OF CONFORMITY

Name and address: **ELMARK INDUSTRIES SC, Bulgaria**
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Product: **LED HIGH BAY LIGHTING- OSLO SMD, HIGH EFFICIENCY IP65**

Model: OSLO 100W: 17000lm; 5500K; 170Lm/W Black
OSLO 150W: 25550lm; 5500K; 170Lm/W Black
OSLO 200W: 34000lm; 5500K; 170Lm/W Black

With the following we declare under our sole responsibility that above described product/s/, with a trade brand ELMARK is/are/ in conformity with the requirements of the following EC Council Directives:

- 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 (recast)
- 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 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 (commission regulation N°1194/2012 of 12 December 2012).
- Directive 2011/65/EU of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive)

The above mentioned product/s/ conform/s/ with the requirements of the following standards, which introduce harmonized european standards:

Standard: **EN IEC 55015:2019**- Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61000-3-2:2019- Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)
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 ≤16 A per phase and not subject to conditional connection
EN 61547:2010- - Equipment for general lighting purposes - EMC immunity requirements
EN 60598-2-1:2002 - Luminaires. Part 2: Particular requirements. Section One: Fixed general purpose luminaires
EN 60598-1:2015+A1:2018- Luminaires - Part 1: General requirements and tests
EN 62493:2015- Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 62471:2009- Photobiological safety of lamps and lamp systems
EN 13032-4:2015+A1:2019 - Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 4: LED lamps, modules and luminaires
EN 62321-2:2014- Determination of certain substances in electrotechnical products - Part 2: Disassembly, disjointment and mechanical sample preparation

The last two figures of the year of marking: 22

Date:

26/09/2022

Dobrich


Signature
2022.09.26

Dipl. Eng. Yliyan Vasilev
Executive Director