

EC DECLARATION OF CONFORMITY

Name and address: **ELMARK INDUSTRIES SC, Bulgaria**
2 Dobrudzha blvd. Dobrich, Bulgaria
Tel.: +35958/ 500-059

Product: **HIGH EFFICIENCY LED PANELS**

Model: LED PANEL 92PANEL023W- 30W, 4000K, 4200Lm
LED PANEL 92PANEL023CW- 30W, 6500K, 4200Lm

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 harmonization of the laws of the Member States relating to electromagnetic compatibility (recast)(EMC)
- Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization 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 (LVD)
- 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 60598-1:2015/A1:2018**- Luminaires - Part 1: General requirements and tests
EN 60598-2-2:2012- Luminaires - Part 2-2: Particular requirements - Recessed luminaires
EN 62493:2015- Assessment of lighting equipment related to human exposure to electromagnetic fields
EN IEC 55015:2019- Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547:2009- Equipment for general lighting purposes - EMC immunity requirements
EN IEC 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- 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 62321-1:2013- Determination of certain substances in electrotechnical products - Part 1: Introduction and overview

The last two figures of the year of marking: : 22

Date :

12/08/2022
Dobrich

Signature :

Dipl.eng. Milen Vasilev
Executive Director

