

EC DECLARATION OF CONFORMITY

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

Product: **GARDEN FIXTURES GRF316; GRF317**

Model: GRF316 GARDEN FIXTURE 1XGU10 IP54 BLACK- 96GRF316/BL
GRF316 GARDEN FIXTURE 1XGU10 IP54 GREY- 96GRF316/GR
GRF317 GARDEN FIXTURE 1XGU10 IP54 BLACK- 96GRF317/BL
GRF317 GARDEN FIXTURE 1XGU10 IP54 GREY- 96GRF317/GR

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 2014/35/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 (LVD)
- 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)(EMC)
- 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 55015:2013/A1:2015**- Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
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 61547:2009 - Equipment for general lighting purposes - EMC immunity requirements
EN 60598-1:2015/A1:2018- Luminaires - Part 1: General requirements and tests
EN 60598-2-1:1989- Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires
EN 61347-1:2015- Lamp controlgear - Part 1: General and safety requirements
EN 61347-2-13:2014- Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
EN IEC 62031:2020- LED modules for general lighting - Safety specifications
EN 62493:2015- Assessment of lighting equipment related to human exposure to electromagnetic fields

The last two figures of the year of marking: 22

Date:

08/04/2022
Dobrich

Signature:

Dipl.eng. Milen Vasilev
Executive Director

