## **EU Declaration of Conformity**

inventronics

Document number: 2023 / 9C1-3776665-EN-07

Manufacturer or representative: Inventronics GmbH

Address: Parkring 31-33

85748 Garching by Munich

Germany

Brand name or trade mark: OSRAM

Product type: Controlgear

Product designation: Element xx 24 G2 -family, see attached list of models

The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

2014/35/EU and amendments

Directive 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; Official

Journal of the EU L96, 29/03/2014, p. 357-374)

2014/30/EU and amendments

Directive 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;

Official Journal of the EU L96, 29/03/2014, p. 79-106

2009/125/EC and amendments

Directive 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

(EU) 2019/2020 and amendments

COMMISSION REGULATION (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission

Regulations (EC) No 244/2009, (EC) No 245/2009 and (EU) No 1194/2012

2011/65/EU and amendments

Directive 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; Official

Journal of the EU L174, 1/07/2011, p. 88-110

Last two digits of the year in which the CE marking was affixed: 23

Place and date of signatures: Garching, the 2023-08-08

Signatures:

DI DS EMA Q FXS
Davide Lucchetta

**Quality Management** 

**Quality Assurance** 

Names: Mr. Davide Lucchetta

Mr. Bernhard Schemmel

Customer service contact: Inventronics GmbH, Berliner Allee 65, 86153 Augsburg, Germany.

This declaration of conformity is issued under the sole responsibility of the manufacturer or representative. It confirms compliance with the indicated Directives but implies no warranty of properties.

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#### 2014/35/EU and amendments

The conformity of the designated product(s) with the provisions of this European Directive is given by the compliance with the following European Standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

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 61347-1: 2015 Lamp controlgear — Part 1: General and safety requirements

#### 2014/30/EU and amendments

The conformity of the designated product(s) with the provisions of this European Directive is given by the compliance with the following European Standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

EN IEC 55015:2019 + A11:2020 Limits and methods of measurement of radio disturbance characteristics of

electrical lighting and similar equipment

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 subjected to conditional

connection

EN 61547: 2009 Equipment for general lighting purposes — EMC immunity requirements

### 2009/125/EC and amendments

The conformity of the designated product(s) with the provisions of this European Directive is given by the compliance with the following European Standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

#### (EU) 2019/2020 and amendments

The conformity of the designated product(s) with the provisions of this European Directive is given by the compliance with the following European Standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

**EN IEC 62442-3:2018** Energy performance of lamp controlgear – Part 3: Controlgear for tungsten-

halogen lamps and LED light sources - Method of measurement to determine

the efficiency of controlgear

### 2011/65/EU and amendments

The conformity of the designated product(s) with the provisions of this European Directive is given by the compliance with the following European Standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

**EN IEC 63000:2018** Technical documentation for the assessment of electrical and electronic products

with respect to the restriction of hazardous substances

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#### List of additional Standards the product is compliant to:

EN 61347-2-13:2014 + A1:2017 Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied

electronic controlgear for LED modules

EN 61347-1:2015 + A1:2021 Lamp controlgear — Part 1: General and safety requirements

**EN IEC 61000-3-2:2019** Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic

+A1:2021 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 +A2:2021 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 subjected to conditional

connection

#### List of models:

- ELEMENT 30/220-240/24 G2

ELEMENT 60/220-240/24 G2

ELEMENT 120/220-240/24 G2

- ELEMENT 180/220-240/24 G2

ELEMENT 250/220-240/24 G2