

# EU Declaration of Conformity

inventronics

Document number: 2023 / 9C1-3798398-EN-06

Manufacturer or representative: Inventronics GmbH

Address: Parkring 31-33  
85748 Garching by Munich  
Germany

Brand name or trade mark: OSRAM

Product type: LED module

Product designation: PL-FLAT-AC--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 2023-5-30

Signatures:

  
DS EMA QM  
Luca Bordin

Quality Management

  
DS QM LAB&SQM  
Bernhard Schemmel

Quality Assurance

Names: Mr. Luca Bordin

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 IEC 62031:2020**

LED modules for general lighting — Safety specifications

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## 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**

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

**EN IEC 55015:2019 + A11:2020**

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

**EN 61000-3-2: 2014**

Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current  $\leq 16$  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  $\leq 16$  A per phase and not subjected to conditional connection

**EN 61547: 2009**

Equipment for general lighting purposes — EMC immunity requirements

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## 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.

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## (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 62442-3:2014 + A11:2017**

Energy performance of lamp controlgear –Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear

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## 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:

IEC/TR 62778: 2014	Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires
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 + 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 subjected to conditional connection

List of models:

- PL-FLAT-AC-PC-G3 1500-XYX 230V
  - PL-FLAT-AC-EM-G3 1500-XYX 230V
  - PL-FLAT-AC-DA-G3 1500-XYX 230V
  - PL-FLAT-AC-SL-G3 1500-XYX 230V
- PL-FLAT-AC-PC-G3 2500-XYX 230V
  - PL-FLAT-AC-EM-G3 2500-XYX 230V
  - PL-FLAT-AC-DA-G3 2500-XYX 230V
  - PL-FLAT-AC-SL-G3 2500-XYX 230V
- PL-FLAT-AC-EM-G3 3300-XYX 230V
  - PL-FLAT-AC-PC-G3 3300-XYX 230V
  - PL-FLAT-AC-PC-G3 4000-XYX 230V
  - PL-FLAT-AC-DA-G3 4000-XYX 230V
  - PL-FLAT-AC-DA-G3 5000-XYX 230V

Name coding:

e.g. PL-FLAT-AC-DA-G3 2500-830 230V

