

# EU Declaration of Conformity



Document number: 2023 / 9C1-4210017-EN-04

Manufacturer or representative: Inventronics GmbH

Address: Parking 31-33  
85748 Garching by Munich  
Germany

Brand name or trade mark: OSRAM

Product type: LED module

Product designation: TEC Flex versions, see attached list of models

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

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 2023-08-02

Signatures:

DS EMA QM  
Luca Bordin

DS QM LAB&SQM  
Bernhard Schemmel

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Quality Management

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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.

#OSRAM\_OLQ(V) #717 #P\_HUMMEL # #CED\_I\_E10 TEK FLEX 2023-07 #LAB #LAB #Confirm valid copy 2023-08-03 #RL-Released 9C1 4210017-EN-04

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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 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.

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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:

**EN IEC 62031:2020** LED modules for general lighting — Safety specifications

**IEC/TR 62778: 2014** Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires

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## List of models:

- I – **TFXXXXS-G1-ZYY-LL TEC Flex Shortpitch IP00,**
- **TFPXXXXS-G1-ZYY-LL TEC Flex Shortpitch IP66**

where:

XXXX = 600 to 2000, the luminous flux in lm/m  
Z = 8 or 9, the 1<sup>st</sup> digit of CRI  
YY = 27 to 65, the 1<sup>st</sup> two digits of CCT  
LL = max 5 m, the length in meter of the LED module

- **TFXXXX-G1-ZYY-LL TEC Flex Shortpitch IP00,**
- **TFPXXXX-G1-ZYY-LL TEC Flex Shortpitch IP66**

where:

XXXX = 300 to 2000, the luminous flux in lm/m  
Z = 8 or 9, the 1<sup>st</sup> digit of CRI  
YY = 27 to 65, the 1<sup>st</sup> two digits of CCT  
LL = max 5 m, the length in meter of the LED module

- TF2000TW-G1-827.865-05
- TFP2000TW-G1-827.865-05