

EU Declaration of Conformity

inventronics

Document number: 2023 / 9C1-4303623-EN-04

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: HORTILED TOP LIGHTING UNIT -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 2023-08-16

Signatures:  DS EMA QM
Luca Bordin

Quality Management

Names: Mr. Luca Bordin

 DS QM LAB&SQM
Bernhard Schemmel

Quality Assurance

Names: 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

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

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.

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

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

Document number:

2023 / 9C1-4303623-EN-04

List of models:

- HORTILED TOP-LIGHTING UNIT [XXX.BBGG.RRFF]
- HORTILED TOP-LIGHTING UNIT - G2 [XXX.BBGG.RRFF]

where:

XXX: 100: standard recipe
300: special recipe
BB: percentage of BLUE portion (400 – 499nm)
GG: percentage of GREEN portion (500 – 599nm)
RR: percentage of RED portion (600 – 699nm)
FF: percentage of FAR RED portion (700 – 799nm)