EU Declaration of Conformity

inventronics

Document number:	2024 / 9C1-4538594-EN-01
Manufacturer or representative:	Inventronics GmbH
Address:	Parkring 31-33 85748 Garching by Munich Germany
Brand name or trade mark:	INVENTRONICS
Product type:	LED module
Product designation:	**BackLED BA-RGBzknn-CP G3 m**, 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: 24

Place and date of signatures: Garching, the 2024-11-22

Signatures:

	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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Document number: 2024 / 9C1-4538594-EN-01

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 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:

EN IEC 62031: 2020+A11:2021	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
EN IEC 61547: 2023	Equipment for general lighting purposes — EMC immunity requirements

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List of models:

- **BA-RGBzknn-CP G3 m**

where:

z:	color of LED, can be W for white or A for amber
k:	8 or 9, 1st digit of CRI
nn:	from 22 to 65 the 1st two digits of CCT
m:	control signal, can be DMX represent for DMX signal, or empty for no control signal.

Note: The suffix “knn” is empty while the suffix z is A