

EU Declaration of Conformity

inventronics

Document number: 2023 / 9C1-4172050-EN-07

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: LINEARlight Rigid FINESSE – family, 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/ Munich 2023-07-28

Signatures:


DI 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.

Document number: 2023 / 9C1-4172050-EN-07

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
EN 60598-1: 2015 + A1:2018	Luminaires — Part 1: General requirements and tests
EN 60598-2-1: 1989	Luminaires — Part 2 1: Particular requirements — Fixed general purpose luminaires
EN 60598-2-5: 2015 ⁽¹⁾	Luminaires — Part 2-5: Particular requirements — Floodlights
EN 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields

⁽¹⁾Only for the **LR-P-F-T-B-S-L-WA-G1**, Wall Arm models

List of models:

Type	F - max lm/m	Prefix T (max 4 characters)	V DC	Max I DC [A/m]	Max P [W/m]	L _{max} [mm]
LR-X-F-T-B-S-L-M-G1 N	2000	empty	24	1,21	28,9	1520
	1500	RGBW	24	1,26	30,2	1520
	400	RGB	24	0,66	15,8	1520

where

LR: Finesse Product - (fixed value)

X: I for Indoor, P for Outdoor - (1 character)

F: Lumen flux lm/m - (max 4 characters)

T: CRI (1st character 8 or 9) + CCT (2 characters): the 1st 2 digits of CCT from 2400 K to 6500K; for coloured version a prefix is added to identify the RGBW or RGB models (e.g. RGBW927, RGB); for RGB version CRI+CCT are empty - (max 7 characters)

B: optics - (max 4 characters), e.g. 10S (10° Symmetric), 10B (10° Black), 30S (30° Symmetric), 60S (60° Symmetric), WW (WW° Asymmetric), 90T (90° Clear Cover), 120D (120° Diffusive Cover),...

S: Finishing Colours - (2 characters)

L: Length in dm - (2 characters)

M: TB for Tilting Bracket, WA Wall Arm, SK for Suspension Kit, MC for Metal Clip - (2 characters)

G1: Generation 1 - (fixed value)

N: blank (for standard versions⁽¹⁾), C1 with one terminal, C2 with two terminals, L1(or 1L) with tails from one side, L2(or 2L) with tails from both sides - (2 characters)

Note:

⁽¹⁾ Standard versions are:

1. for white models:
 - a. with 2 terminals for: Tilting Bracket (TB), Wall Arm (WA), Metal Clip (MC)
 - b. with tails in one side for: Suspension Kit (SK)
2. while for RGB and RGBW models:
 - a. with tails from both sides for: Tilting Bracket (TB), Wall Arm (WA), Metal Clip (MC)
 - b. with tails in one side for: Suspension Kit (SK)