

EU Declaration of Conformity

inventronics

Document number: 2023 / 9C1-4172052-EN-05

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: LS_LINEARlight Rigid FINESSE - LR-x-G1, see attached list of products

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
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)

Last two digits of the year in which the CE marking was affixed: 23

Place and date of signatures: Garching, the 2023-05-30

Signatures:	 DS EMA QM Luca Bordin	 DS QM LAB&SQM Bernhard Schemmel
	Quality Management	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 0LQ(V)
#717 #A.NOLL

#LAB #CED_I Recessed Finesse 2023-05
2023-06-09 #Confirm valid copy
#RL-Released
9C1 4172052-EN-05

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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

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

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 60598-2-2: 2012

Luminaires — Part 2 2: Particular requirements — Recessed luminaires

EN IEC 60598-1:2021/A11:2022

Luminaires — Part 1: General requirements and tests

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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 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields

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-RE-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)
- RE: Recessed Mounting system - (fixed value)
- 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:
- for white models with 2 terminals
 - for RGB and RGBW models with tails from both sides

Accessories:

- LR Finesse Recessed Kit
- LR Finesse Indoor Power Cable 5 m
- LR Finesse Indoor Jumper 1 m
- LR Finesse Outdoor Power Cable 5 m
- LR Finesse Outdoor Jumper 0,5 m
- LR Finesse Diy Male/Female IP68
- LR Finesse Connection tube IP68