



EU Declaration of Conformity

Manufacturer Würth Elektronik eiSos GmbH & Co. KG
Max-Eyth-Straße 1
74638 Waldenburg

Product information

Description/Type: Lighting Development Kit
Model Number: 150001

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

RE Directive 2014/53/EU and RoHS Directive 2011/65/EU.

Following harmonised standards or technical specifications have been applied:

- [1] EN 61000-6-2:2005
Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments IEC 61000-6-2:2005
- [2] EN 55015:2019/A11:2020
Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
- [3] EN 61000-3-2:2014
Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) IEC 61000-3-2:2014
- [4] EN 61000-3-3:2013
Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
- [5] EN 300 328 V2.2.2 (2019-07)
Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.
- [6] EN 301 489-1 V2.2.3 (2019-11)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Electro Magnetic Compatibility (EMC) standard for radio equipment and services - Part 1: Common technical requirements.
- [7] EN 301 489-17 V3.2.4 (2020-09)
Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems.
- [8] EN 50581:2012
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances



[9] EN 60950-1:2014-08;VDE 0805-1:2014-08
Information technology equipment - Safety - Part 1: General requirements (IEC 60950-1:2005, modified + Cor.:2006 + A1:2009,
modified + A1:2009/Cor.:2012 + A2:2013, modified)

[10] EN 62368-1:2014/AC:2015
Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

Waldenburg; April 09, 2020

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Markus Stark

Head of Product Technology and Strategy Passive
General Management

A handwritten signature in blue ink, appearing to read 'i.A. p. Uludag', written over a horizontal line.

Timur Uludag

Product Manager Mag¹C Power Division