



EC Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer Sylvania:
The designated product(s) is (are) in conformity with the provisions of the following European Directives:

2014/53/EU and amendments	Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC
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
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
2010/30/EU and amendments	Directive of the European Parliament and of the Council of 19 May 2010 on the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products

1. Product(s): **Smart LED lamp**

Brand: **Sylvania**

Type Designation:

(see enclosed list)

2. Applicable standards

EN 62560 (2012) + A1(2015) + A11(2019), Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications
EN 62471 (2008), Photobiological safety of lamps and lamp systems
EN IEC 61000-3-2 (2019) + A1 (2021), Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limitation for harmonic current emissions (equipment input current up to and including 16A per phase)
EN 61000-3-3 (2013) + A1 (2019) + A2 (2021), 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
EN IEC 55015 (2019) +A11 (2020), limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547 (2009), Equipment for general lighting purposes - EMC immunity requirements
EN 62493 (2015), Assessment of lighting equipment related to human exposure to electromagnetic fields
EN62479 (2010) Assessment of the compliance of low-power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10MHz to 300 GHz)
EN 301 489-1 V2.2.3(2019) EMC standard for radio equipment and services; Part 1 common technical requirements; Harmonised Standard covering the essential requirements
EN 301 489-17 V3.2.4(2020) EMC standard for radio equipment and services; Part 17 Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of directive 2014/53/EU
EN 300 328 V2.2.2 (2019) : 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
EN 63000 (2018) Technical documentation for the assessment of electrical and electronic products with respect to the

(number and date of issue)

- following the implementing regulation no. 1194/2012 of the European Union of December 12, 2012 with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment
- following the supplementing regulation no. 874/2012 of the European Union of July 12, 2012 with regard to energy labelling of electrical lamps and luminaires

Manufacturer or
representative

Feilo Sylvania Europe Limited
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UK

The CE mark was affixed in : 23

Tienen, 23.04.2024

L. Derhaeg, Quality Manager

Issue place and date

TIE ECDoc-24-053TE



Product Code

0030101

RefLED Retro ES50 345LM TW SST

Tienen, 23.04.2024
Issue place and date

L. Derhaeg, Quality Manager

A handwritten signature in blue ink, appearing to be "L. Derhaeg".

TIE ECDoC-24-053TE