

EU - DECLARATION OF CONFORMITY

Müller-Licht International GmbH

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Brand: Müller-Licht International

declare under our sole responsibility, that the products to which this declaration is relates, is in conformity with the technical requirements, the standards and directives declared on this declaration of conformity

Lighting fixture / lamps

Müller-Licht Art.Nr.

Bezeichnung/Description

21000119

LED Strip smart RGB 2m Music Sensor

21000121

LED Strip smart RGB 3m

21000123

LED Strip smart RGB 5m Music Sensor

The objects of the declaration described above are in conformity with the relevant Union harmonization legislation:

According to Radio Equipment Directive (RED) 2014/53/EU

EN 60598-1:2015+A1:2018

Luminaires - Part 1: General requirements and tests

EN 60598-2-1:1989

Luminaires ; part 2: particular requirements; section 1: fixed general purpose luminaires

EN 62031:2008+A1 :2013

LED modules for general lighting - Safety specifications

EN 62493:2010

Varification of conformity with the requirements concerning electromagnetic fields

EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

EN IEC 55015:2019+A11:2020

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN 61547: 2009

Equipment for general lighting purposes - EMC immunity requirements.

EN 61000-3-2:2014

Electromagnetic compatibility (EMC) - Part 3-2: - Limits for harmonic current emissions

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

EN 301 489-1 V2.2.3

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 1: Common technical requirements – Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

EN 301 489-17 V3.2.4

ElectroMagnetic Compatibility (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

Wideband transmission systems - Data transmission equipment operating in the 2,4 GHz band - Harmonised Standard for access to radio spectrum

EN 62311:2008

Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)

According to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

EN IEC 63000:2018

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

According to Directive 2009/125/EC 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

COMMISSION REGULATION (EU) 2019/2020

of 1 October 2019

laying down eco-design 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

COMMISSION REGULATION (EU) 2021/341

of 23 February 2021

amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function

According to this directive the above-mentioned product / products is / are an exemption to 2019/2015 and 2019/2020 because,

The product will not fulfill the mentioned requirement of 2019/2020 article 2

(a) - chromaticity coordinates x and y in the range

(c) - luminous flux between 60 and 82 000 lumen

The date, when the CE mark has applied to the products: 2023

Date: Lilienthal 2023-10-06

Position: QA

Name: Andreas Schmidt

Signed for and on behalf of: MÜLLER-LICHT International GmbH

Signature:



i. A. Andreas Schmidt
(QS/Quality and Approval)