

## 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***

20300544

Aquafix Sensor 120 white

20300545

Aquafix Sensor 150 white

#### **The item meets the essential requirements of the following directive:**

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

#### **EN 60598-1:2015**

Luminaire - Part 1: General requirements and tests

#### **EN 60598-2-1:1989**

Luminaire ; part 2: particular requirements; section 1: fixed general purpose luminaire

#### **EN 62493:2015**

Verification 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 62311:2008**

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

#### **EN 55015: 2013+A1:2015**

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  $\leq 16$  A per phase and not subject to conditional connection

#### **EN 301 489-1 V2.2.1**

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 301 489-3 V2.1.1**

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz - Harmonised standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

#### **EN 300 440 V2.1.1**

Short Range Devices (SRD) - Radio equipment to be used in the 1 GHz to 40 GHz frequency range - Harmonised Standard for

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

**EN 50581:2012**

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

**EN 62321:2013**

Electrotechnical products - Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)

*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 (EC) No 244/2009**

of 18 March 2009

implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps

**COMMISSION REGULATION (EU) No 1194/2012**

of 12 December 2012

implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment

**COMMISSION REGULATION (EU) No 874/2012**

of 12 July 2012

supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of electrical lamps and luminaires

**COMMISSION REGULATION (EU) 2015/1428**

of 25 August 2015

amending Commission Regulation (EC) No 244/2009 with regard to ecodesign requirements for non-directional household lamps and Commission Regulation (EC) No 245/2009 with regard to ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps and repealing Directive 2000/55/EC of the European Parliament and of the Council and Commission Regulation (EU) No 1194/2012 with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment

The date, when the CE mark has applied to the products: 2019

Date: Lilienthal 2019-09-17

Position: QA

Name: Andreas Schmidt

Company: MÜLLER-LICHT International GmbH

Signature:



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