

EU Declaration of Conformity

siteco

Document number: 740.1 / 06.23
Manufacturer or representative: Siteco GmbH
Address: Georg-Simon-Ohm-Straße 50
83301 Traunreut Germany
Brand name or trade mark: Siteco
Product type: Luminaire
Product designation: Streetlight 11 micro, mini, midi LED iQ / iQ Zhaga D4i
 See attached list

The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

- | | | |
|-------------------------------------|--|--|
| <input checked="" type="checkbox"/> | 2014/53/EU | 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 marking available on the market of radio equipment and repealing Directive 1999/5/EC |
| <input checked="" type="checkbox"/> | 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 |
| <input type="checkbox"/> | 245/2009
and amendments | Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council 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 |
| <input checked="" type="checkbox"/> | (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 (Text with EEA relevance) |
| <input checked="" type="checkbox"/> | 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 |

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

Place and date of signatures: Traunreut, 05.06.2023

Signatures:



Head of Product and Design Qualification



Expert Product and Design Qualification

Names: Christian Uphoff

Dr. Gotthard Schleicher

This declaration of conformity is issued under the sole responsibility of the manufacturer or representative. It certifies compliance with the indicated Directives, but implies no warranty of properties.

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Annex

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The conformity of the designated product(s) with the provisions of the European **Radio Equipment Directive** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- | | | |
|-------------------------------------|--|---|
| <input checked="" type="checkbox"/> | ETSI EN 300 328 V2.2.2 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive |
| <input checked="" type="checkbox"/> | ETSI EN 301 489-1 V2.2.3 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| <input checked="" type="checkbox"/> | ETSI EN 301 489-17 V3.2.4 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems |
| <input checked="" type="checkbox"/> | 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) |
| <input checked="" type="checkbox"/> | EN 60598-1:
2021 | Luminaires — Part 1: General requirements and tests |
| <input checked="" type="checkbox"/> | EN 60598-2-3:
2003 + A1:2011 | Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting |
| <input checked="" type="checkbox"/> | EN 62493:
2015 | Assessment of lighting equipment related to human exposure to electromagnetic fields |
| <input checked="" type="checkbox"/> | IEC/TR 62778
2014 | Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires |
| <input checked="" type="checkbox"/> | EN 55015:
2019 + A1:2020 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| <input checked="" type="checkbox"/> | EN 61000-3-2:
2019 | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) |
| <input checked="" type="checkbox"/> | EN 61000-3-3:
2013 + A1:2019 | 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 subjected to conditional connection |
| <input checked="" type="checkbox"/> | EN 61547:
2009 | Equipment for general lighting purposes — EMC immunity requirements |

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Attached list

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The conformity according to the above mentioned guidelines is valid for the products / components as well as the accessories, as included in the scope of delivery and described in the manual, including the current software / firmware. If other accessories or software / firmware not approved by the manufacturer is used, the conformity according to the mentioned guidelines cannot be guaranteed.

Luminaire

5XC1#§1%**@\$+

5XC2#§1%**@\$+

5XC3#§1%**@\$+

Accessories

5XC100**XM1

5XC101**XM1

5XC100**XM2

5XC100**XM4

Note:

The “#” in the type reference replaces the marking for light distribution
A-Z

The “§” in the type reference replaces the light colour of the LED-module
2, 3, 4, 5, 6

The “%” in the type reference replaces the function of the control gear
D, E, F, U, V, Y

The “**” in the type reference replace the color code of housing.

The “@” in the type reference replace the LED-module Type
C, D, F, G, H, L, M

The “\$” in the type reference replaces the marking for the luminaire generation
A-Z

The “+” in the type reference replaces different markings for e.g. the distribution of the manufacturer, programming of ECG, adjustment and kind of pole flange, kind and length of external cable

Remark:

The „+“ can be replaced with the 6 free variable parameter as above mentioned.
A non-used placeholder is marked with “0” or blank if nothing is required.