

EU Declaration of Conformity

Document number: 501.1 / 01.17
Manufacturer or representative: Siteco Beleuchtungstechnik GmbH
Address: Georg-Simon-Ohm-Straße 50
83301 Traunreut
Germany
Brand name or trade mark: Siteco
Product type: Luminaire
Product designation: Streetlight 20 mini LED
 See attached list

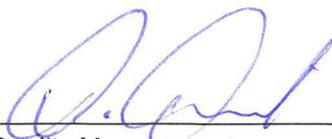
The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

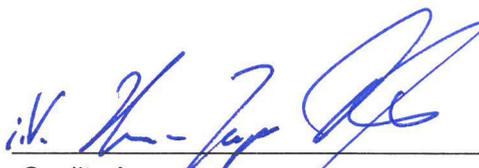
- | | | |
|-------------------------------------|--------------------------------------|---|
| <input checked="" type="checkbox"/> | 2014/35/EU | 2014/35/EU: Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits; Official Journal of the EU L96, 29/03/2014, p. 357-374 (from 20.4.2016) |
| <input checked="" type="checkbox"/> | 2014/30/EU | 2014/30/EU: Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility; Official Journal of the EU L96, 29/03/2014, p. 79-106 (from 20.4.2016) |
| <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"/> | 1194/2012
and amendments | 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 |
| <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 |
| <input type="checkbox"/> | 1999/5/EC
and amendments | Directive of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity |

Last two digits of the year in which the CE marking was affixed: 16

Place and date of signatures: Traunreut, 02.01.2017

Signatures:


Quality Management


Quality Assurance

Names: Andreas Murt

Hans-Jürgen Groß

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 **Low Voltage Directive** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

<input checked="" type="checkbox"/>	EN 60598-1: 2015	Luminaires — Part 1: General requirements and tests
<input type="checkbox"/>	EN 60598-2-1: 1989	Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires
<input type="checkbox"/>	EN 60598-2-2: 2012	Luminaires — Part 2-2: Particular requirements — Recessed luminaires
<input checked="" type="checkbox"/>	EN 60598-2-3: 2003 + A1:2011	Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting
<input type="checkbox"/>	EN 60598-2-4: 1997	Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires
<input type="checkbox"/>	EN 60598-2-5: 1998	Luminaires — Part 2-5: Particular requirements — Floodlights
<input type="checkbox"/>	EN 60598-2-7: 1989 + A2:1996 + A13:1997	Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use
<input type="checkbox"/>	EN 60598-2-8: 2013	Luminaires — Part 2-8 : Particular requirements — Handlamps
<input type="checkbox"/>	EN 60598-2-10: 2003	Luminaires — Part 2-10: Particular requirements — Portable luminaires for children
<input type="checkbox"/>	EN 60598-2-12: 2013	Luminaires — Part 2-12: Particular requirements — Mains socket-outlet mounted nightlights
<input type="checkbox"/>	EN 60598-2-13: 2006 + A1:2012	Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires
<input type="checkbox"/>	EN 60598-2-22: 2014	Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting
<input type="checkbox"/>	EN 60598-2-24: 2013	Luminaires — Part 2-24: Particular requirements — Luminaires with limited surface temperatures
<input checked="" type="checkbox"/>	EN 62493: 2010	Assessment of lighting equipment related to human exposure to electromagnetic fields
<input type="checkbox"/>	EN 62471: 2008	Photobiological safety of lamps and lamp systems
<input checked="" type="checkbox"/>	IEC/TR 62778 2014	Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires

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

- | | | |
|-------------------------------------|------------------------------|--|
| <input checked="" type="checkbox"/> | EN 55015:
2013 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| <input checked="" type="checkbox"/> | EN 61000-3-2:
2014 | 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 | 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 |

The conformity of the designated product(s) with the provisions of the European Directive **1999/5/EC** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- | | | |
|--------------------------|--|---|
| <input type="checkbox"/> | ETSI EN 300 220-1 V2.1.1: | Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods |
| <input type="checkbox"/> | ETSI EN 300 220-2 V2.1.2: | Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive |
| <input type="checkbox"/> | ETSI EN 301 489-1 V1.8.1 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| <input type="checkbox"/> | ETSI EN 301 489-3 V1.4.1 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz |
| <input type="checkbox"/> | EN 60590-1: 2006 +
A11:2009 + A1:2010 +
A12:2011 + AC:2011 +
A2:2013 | Information technology equipment – Safety – Part 1: General requirements |
| <input 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) |

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Attached list

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Luminaire

5XB2# & § %1 ** \$ +

5XB2# & § %3 ** \$ +

5XB2# & § C1 ** \$ +

5XB2# & § C3 ** \$ +

Accessories

5XA59000XM1

5XA59000XM2

5XA59000XM4

note:

The “#” in the type reference replaces the marking for light distribution.

1, 2, 3, 4, 5

The “&” in the type reference replaces the marking for number of used LED’s.

C / D E / F G / H

The “§” in the type reference replaces the light colour of the LED-module.

1, 2, A

The “%” in the type reference replaces the ECG software performance.

1, B, D, E

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

The “\$” in the type reference replaces the marking for the luminaire generation.

A, B

The “+” in the type reference replaces different markings

(e.g. the distribution of the manufacturer, programming of ECG, kind and length of external cable, etc.)