



# EU Declaration of Conformity

## Annex

Document number: 553 / 12.16

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.

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

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## Annex

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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"/> | <b>EN 55015:</b><br>2013     | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment  |
| <input checked="" type="checkbox"/> | <b>EN 61000-3-2:</b><br>2014 | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)  |
| <input checked="" type="checkbox"/> | <b>EN 61000-3-3:</b><br>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"/> | <b>EN 61547:</b><br>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"/> | <b>ETSI EN 300 220-1 V2.1.1:</b>   | 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"/> | <b>ETSI EN 300 220-2 V2.1.2:</b>   | 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"/> | <b>ETSI EN 301 489-1 V1.8.1</b>  | 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"/> | <b>ETSI EN 301 489-3 V1.4.1</b>  | 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"/> | <b>EN 60590-1:</b> 2006 +<br>A11:2009 + A1:2010 +<br>A12:2011 + AC:2011 +<br>A2:2013 | Information technology equipment – Safety – Part 1: General requirements  |
| <input type="checkbox"/> | <b>EN 62479:2010</b>   | 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

5XB4#N§%4\*\*\$+

5XB4#N§C4\*\*\$+

5XB4#P§%6\*\*\$+

5XB4#P§C6\*\*\$+

5XB4#Q§%5\*\*\$+

5XB4#Q§C5\*\*\$+

5XB4#R§%6\*\*\$+

5XB4#R§C6\*\*\$+

### Accessories

5XA59000XM1

5XA59000XM2

5XA59000XM4

Hinweis / note:

*The “#” in the type reference replaces the marking for light distribution  
1, 2, 3, 4, 5*

*The “§” in the type reference replaces the light colour of the LED-module  
1, 2,*

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