

Manufacturer's Declaration of Conformity with European Standards



Document number: 2018 9C1 3522014 EN 00
Manufacturer or representative: LEDVANCE GmbH
Address: Parkring 29-33
85748 Garching
Germany
Brand name or trade mark: OSRAM
Product type: Low voltage
Product designation: SIG Traffic lights
☒ see attached list

Compliance with the European Directives and standards marked in the **Annex** is confirmed.

Place and date of signatures: Eichstätt 11.07.2018

Signatures:  
Quality Management Quality Assurance
Names: Michael Hülsemann Volker Bütelfür

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

This declaration is in conformity with the European Standard EN 17050-1 "Conformity assessment — Supplier's declaration of conformity — Part 1: General requirements".

This declaration is valid until further notice.

The "Manufacturer's Declaration of Conformity with European Standards" is independent of the "EC-Declaration of Conformity".

Manufacturer's Declaration of Conformity with European Standards

Annex

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The designated product(s) comply with the following European Directive(s) and Regulation(s)

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|--------------------------|-------------------|---|
| ☐ | 2010/30/EU | Directive 2010/30/EU of the European Parliament and of the Council of 19 May 2010 on the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products |
| ☐ | 2012/19/EU | Directive of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE) |
| ☐ | 874/2012 | Commission delegated 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 |
| ☐ | | |
| ☐ | | |

The designated product(s) comply with the following European Standard(s)

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|-------------------------------------|---|---|
| ☐ | EN 50285:
1999 | Energy efficiency of electric lamps for household use — Measurement methods |
| ☐ | EN 60064:
1995 + A2:2003 + A3:2006
+ A4:2007 + A5:2009 +
A11:2007 | Tungsten filament lamps for domestic and similar general lighting purposes — Performance specifications |
| ☐ | EN 60081:
1998 + A1:2002 + A2:2003
+ A3:2005 + A4:2010 +
A5:2013 | Double-capped fluorescent lamps — Performance specifications |
| ☐ | EN 60155:
1995 + A1:1995 + A2:2007 | Glow-starters for fluorescent lamps |
| ☐ | EN 60188:
2001 | High-pressure mercury vapour lamps |
| ☐ | EN 60192:
2001 | Low pressure sodium vapour lamps — Performance specifications |
| ☒ | DIN EN 60357:2017-01 | Tungsten halogen lamps (non-vehicle) — Performance specifications |
| ☐ | EN 60662:
2012 | High-pressure sodium vapour lamps |
| ☐ | EN 60809:
2015 | Lamps for road vehicles — Dimensional, electrical and luminous requirements |
| ☐ | EN 60810:
2015 | Lamps for road vehicles — Performance requirements |
| ☐ | EN 60901:
1996 + A1:1997 + A2:2000
+ A3:2004 + A4:2008 +
A5:2012 | Single-capped fluorescent lamps — Performance specifications |
| ☐ | EN 60921:
2004 + A1:2006 | Ballasts for tubular fluorescent lamps — Performance requirements |
| ☐ | EN 60923:
2005 + A1:2006 | Auxiliaries for lamps — Ballasts for discharge lamps (excluding tubular fluorescent lamps) — Performance requirements |
| ☐ | EN 60927:
2007 + A1:2013 | Auxiliaries for lamps — Starting devices (other than glow starters) — Performance requirements |

☐	EN 60929: 2011 + Corrigendum:2011 + A1:2016	AC-supplied electronic ballasts for tubular fluorescent lamps — performance requirements
☐	EN 60969: 2011 + A1 :1993 + A1/AC:1993 + A2:2000	Self-ballasted lamps for general lighting services — Performance requirements
☐	EN 60983: 1996 + A1:2005	Miniature lamps
☐	EN 61047: 2004	DC or AC supplied electronic step-down convertors for filament lamps — Performance requirements
☐	EN 61049: 1993	Capacitors for use in tubular fluorescent and other discharge lamp circuits; Performance requirements
☐	EN 61167: 2011	Metal halide lamps — Performance specifications
☐	EN 61228: 2008	Method of measuring and specifying the UV-radiation of ultraviolet lamps used for sun-tanning
☐	EN 61549: 2003 + A1:2005 + A2:2010 + A3:2012	Miscellaneous lamps
☐	EN 62384: 2006 + A1:2009	DC or AC supplied electronic control gear for LED modules — Performance requirements
☐	EN 62386-101: 2014	Digital addressable lighting interface — Part 101: General requirements — System
☐	EN 62386-102: 2014	Digital addressable lighting interface — Part 102: General requirements — Control gear
☐	EN 62386-103: 2014	Digital addressable lighting interface — Part 103: General requirements — Control devices
☐	EN 62386-201: 2015	Digital addressable lighting interface — Part 201: Particular requirements for control gear — Fluorescent lamps (device type 0)
☐	EN 62386-202: 2009	Digital addressable lighting interface — Part 202: Particular requirements for control gear — Self-contained emergency lighting (device type 1)
☐	EN 62386-203: 2009	Digital addressable lighting interface — Part 203: Particular requirements for control gear — Discharge lamps (excluding fluorescent lamps) (device type 2)
☐	EN 62386-204: 2009	Digital addressable lighting interface — Part 204: Particular requirements for control gear — Low voltage halogen lamps (device type 3)
☐	EN 62386-205: 2009	Digital addressable lighting interface — Part 205: Particular requirements for control gear — Supply voltage controller for incandescent lamps
☐	EN 62386-206: 2009	Digital addressable lighting interface — Part 206: Particular requirements for control gear — Conversion from digital signal into d.c. voltage (device type 4)
☐	EN 62386-207: 2009	Digital addressable lighting interface — Part 207: Particular requirements for control gear — LED modules (device type 6)
☐	EN 62386-208: 2009	Digital addressable lighting interface — Part 208: Particular requirements for control gear — Switching function (device type 7)
☐	EN 62386-209: 2011	Digital addressable lighting interface — Part 209: Particular requirements for control gear — Colour control (device type 8)
☐	EN 62386-210: 2011	Digital addressable lighting interface — Part 210: Particular requirements for control gear — Sequencer (device type 9)
☐	EN 62386-211: XXXX	Digital addressable lighting interface — Part 211: Particular requirements for control gear — Optical control (device type 10)
☐	EN 62612: 2013	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V — Performance requirements
☐	EN 62639: 2012	Fluorescent induction lamps — Performance specification
☐	EN 62471: 2008	Photobiological safety of lamps and lamp systems
☐	1Q2 3446281	Quality requirements DB
☒	DIN 49842-3:1986-02-01	Lamps for traffic lights – requirements and tests

Manufacturer's Declaration of Conformity with European Standards Attached list

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SIG 1227 UE LL CL 20W 10V BA20S VS200OSRAM
SIG 1238 LL 30W 10V BA20S VS200 OSRAM
SIG 1227 UE CL 22W 10V BA20S VS200 OSRAM
SIG 1238 UE CL 30W 10V BA20S VS200 OSRAM
SIG 1227 UE CL 20W 10V BA20S10XFS10OSRAM
SIG 1238 UE CL 30W 10V BA20S 10XFS10OSRAM
SIG 1470 CL CL60W38-42VBA20D10XFS10OSRAM
SIG 1462 CL CL40W38-42VBA20D10XFS10OSRAM
SIG 1463 CL CL40/40W38-42VBA20D10XFS10OSRA
SIG 64015 CL 50W 10V PKX22S 10X10X1OSRAM
SIG 64014 CL 50W 10V PKX22S 10X10X1OSRAM
SIG 64016 CL 50W 12V GY6.3510XRON10OSRAM
SIG 64012/1 CL 20W 12V G4 40X1 OSRAM
SIG 64032 CL 20W 10V BA20S 40X1 OSRAM
SIG 64033 CL 30W 10V BA20S 40X1 OSRAM
SIG 1230 UE CL 30/30W12VBA20D10XFS10OSRAM
SIG 2460 UE CL 60/60W24VBA20D10XFS10OSRAM