EC - Declaration Of Conformity

nordlux®

Manufacturer:

Nordlux A/S
Karlskogavej 8
9200 Aalborg SV
Denmark

Type.: 8480
Model:Avra
Product type: Fixed luminaire
See attached list:

The designated type(s) is/are in conformity with the provisions of the following European Directives

☐	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
☐	244/2009 and amendments	Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps
☐	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 bailast, for high intensity discharge lamps, and for ballasts and lumlnaires able to operate such lamps, and repealing Directive 2000/55/EC of the European Parliament and of the Council
☑	2014/35/EC and amendments	Directive of the European Parliament and of the Council of 23 february 2014 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.
☐	2014/30/EC and amendments	Directive of the European Parliament and of the Council of 15 September 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility
☐	2009/125/EC and amendments	Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the settlng of ecodesign requirements for energy-related products
☑	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
☐	2014/53/EU and amendments	Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the member states relative to the making available on the market of radio equipment and repealing directive 1999/5/EU text with EEA relevance

Further information regarding compliance with these Directives is given in the annex which constitutes a part of this declaration.

Asbjørn S. Olesen

Date of certificate: 10 Nov. 2017

Asbjørn S. Olesen

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 for 2014/35/EC

☐	EN 60432-1: 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
☐	EN 60432-2: 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes
☐	EN 60432-3: 2013	Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle)
☑	EN 60598-1: 2015	Luminaires — Part 1: General requirements and tests
☑	EN 60598-2-1: 1989	Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires
☐	EN 60598-2-2: 2012	Luminaires — Part 2-2: Particular requirements — Recessed luminaires
☐	EN 60598-2-4: 1997	Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires
☐	EN 60598-2-6:1994+A1:1997	Luminaires - Part 2: Luminaires with build in transformer for filament lamps
☐	EN 60598-2-7: 1989+ A2:1996 + A13:1997	Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use
☐	EN 60598-2-13: 2006 + A1:2012	Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires
☐	EN 60598-2-20: 2015	Luminaires — Part 2-20: Particular requirements — Lighting chains
☐	EN 60968: 2013	Self-ballasted lamps for general lighting services — Safety requirements
☐	EN 61195: 1999 + A1:2013	Double-capped fluorescent lamps — Safety specifications
☐	EN 61347-1: 2008 + A1:2011 + A2:2013	Lamp controlgear — Part 1: General and safety requirements
☐	EN 61347-2-3: 2011+CORR.2011	Lamp controlgear — Part 2-3: Particular requirements for AC supplied electronic ballasts for fluorescent lamps
☐	EN 61347-2-13: 2006	Lamp controlgear — Part 2-13: Particular requirements for DC or AC. supplied electronic controlgear for LED modules
☐	EN 62031: 2008 + A1:2013+A2:2015	LED modules for general lighting — Safety specifications
☐	EN 62493: 2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
☐	EN 62560: 2012+A1:2015	Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications
☐	EN 62471 2008	(as far as photobiological safety is concerned) together with 34A/PRESCO(ASZ)101 - Attachment 06 (for LED luminaires) IEC 60598-1 ed 8: Luminaires - Part 1: General requirements and tests
☐	EN 62471-2 2009	Photobiological safety of lamps and lamp systems.
☐	ZEK 01.4-08	Testing and validation of polycyclic aromatic (PAH) in the course of GS-mark certification
☐	IEC/TR 62778:2014	Assessment of blue light hazard to light sources and luminaires

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☐ EN 60598-2-6: 1995	Luminaires — Particular — Luminaires with build-in transformers for filament lamps
☐ EN 60950-1: 2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	Information technology equipment — Safety — Generel requirements

Annex for 2014/30/EC

☐ EN 55015: 2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
☐ EN 61000-3-2: 2014	Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current < 16 A per phase
☐ 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
☐ EN 61547: 2009	Equipment for general lighting purposes — EMC immunity requirements
☐ EN 61000-4-2: 2009	Electrostatic discharge immunity test
☐ EN 61000-4-3: 2006	Radiated radio-frequency, electromagnetic field immunity test
☐ EN 61000-4-4: 2004+A1:2010	Electrical fast transient/burst immunity test
☐ EN 61000-4-5: 2006	Surge immunity test
☐ EN 61000-4-6: 2009	Immunity to conducted disturbances inducted by radio frequency fields
☐ EN 61000-4-8: 2005	Power frequency magnetic field immunity test
☐ EN 61000-4-11: 2004	Voltage dips, short interruptions and voltage variations immunity tests
☐ EN 60570-2-1: 2003	Electrical supply track systems for luminaires
☐ EN 60884-2-2	Particular requirements for socket-outlets for appliances
☐ EN 62612: 2013	Self-ballasted LED lamps for general lighting services
☐ EN 60238: 2004+A1:2008+A2:2011:04	Edison screw lampholders
☐ EN 50525-2-11	Electric cables. Low voltage energy cables of rated voltages up to and including 450/750V (U0/U). Cables for general applications. Flexible cables with thermoplastic PVC insulation
☐ EN 50581: 2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
☐ EN 301 489-1: V1.9.2.(2011-09)	Electromagnetic compatibility and radio spectrum matters (ERM) — Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 1: Common technical requirements
☐ EN 301 489-17: V2.2.1.(2012-09)	Electromagnetic compatibility and radio spectrum matters (ERM) — Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 17: Spcific conditions for broadband data transmission systems
☐ EN 300 328-17: V1.9.1.(2015-02)	Electromagnetic compatibility and radio spectrum matters (ERM) — Wideband transmission systems — Data transmission equipment operating in the 2,4 GHZ harmonized en covering the essential requirements of article 3.2 of the R&TTE directive