

The conformity of the designated product(s) with the provisions of the European Low Voltage Directive 2014/35/EU is given by the compliance with the following European Standards:

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|-------------------------------------|---|--|
| <input type="checkbox"/> | EN IEC 60598-1: 2021 / A11:2022 | Luminaires — Part 1: General requirements and tests |
| <input type="checkbox"/> | EN IEC 60598-2-1: 1989 | Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires |
| <input type="checkbox"/> | EN IEC 60598-2-89: 2017 | Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor |
| <input type="checkbox"/> | EN 60598-2-2: 2012 | Luminaires — Part 2-2: Particular requirements — Recessed luminaires |
| <input type="checkbox"/> | EN 60598-2-5: 2015 | Luminaires — Part 2-5: Particular requirements — Floodlights |
| <input type="checkbox"/> | EN 60598-2-6: 1994 / A1:1997 | Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps |
| <input type="checkbox"/> | EN 60598-2-13: 2006 / A1 2012 | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires |
| <input type="checkbox"/> | EN 60598-2-20: 2015 | Luminaires — Part 2-20: Particular requirements — Lighting chains |
| <input type="checkbox"/> | EN 60598-2-22: 2014 | Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting |
| <input type="checkbox"/> | EN 62560: 2012 / A1:2015 / A11:2019 | Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety Specifications |
| <input checked="" type="checkbox"/> | EN 62838: 2016 | LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. - Safety specifications (IEC 62838:2015) |
| <input type="checkbox"/> | EN 61347-2-13: 2014 / A1:2017 | Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules |
| <input type="checkbox"/> | EN 61549: 2003 / A1:2005 / A2:2010 / A3:2012 | Miscellaneous lamps |
| <input type="checkbox"/> | EN IEC 62031: 2020 | LED modules for general lighting — Safety specifications |
| <input checked="" type="checkbox"/> | EN 62493: 2010 | Assessment of lighting equipment related to human exposure to electromagnetic Fields |
| <input checked="" type="checkbox"/> | EN 62471: 2008 | Photobiological safety of lamps and lamp systems |
| <input type="checkbox"/> | EN 62733: 2015 | Programmable components in electronic lamp controlgear |
| <input type="checkbox"/> | EN 62776: 2015 | Double-capped LED lamps designed to retrofit linear fluorescent lamps - Safety specifications |

The conformity of the designated product(s) with the provisions of the European Radio Equipment Directive 2014/53/EU is given by the compliance with the following European Standards:

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| <input type="checkbox"/> | EN 300 328 V2.2.2 | Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU |
| <input type="checkbox"/> | EN 300 440 V2.1.1 | Short Range Devices (SRD) ; Radio equipment to be used in the 1GHz to 40GHz frequency range; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU |
| <input type="checkbox"/> | EN 301 489-1 V2.2.3 | Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU |
| <input type="checkbox"/> | EN 301 489-3 V2.3.2 | 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 246 GHz; Harmonized Standard for Electro Magnetic Compatibility |
| <input type="checkbox"/> | EN 301 489-17 V3.2.4 | Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU |
| <input type="checkbox"/> | EN 300 330: V2.1.1 | Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU |
| <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) |
| <input type="checkbox"/> | EN 50663: 2017 | 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 type="checkbox"/> | EN 50665: 2017 | Generic standard for Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0Hz to 300 GHz) |

The conformity of the designated product(s) with the provisions of the European EMC Directive, 2014/30/EU is given by the compliance with the following European Standards:

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| <input checked="" type="checkbox"/> | EN IEC55015: 2019 / A11:2020 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| <input checked="" type="checkbox"/> | EN IEC 61000-3-2: 2014 / A1:2021 | 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 / A2:2021 | 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: 2023 | Equipment for general lighting purposes — EMC immunity requirements |

The conformity of the designated product(s) with the provisions of the European ErP Directive, 2009/125/EC is given by the compliance with the following European Standards:

- EU 2019/2020** Ecodesign requirements for energy-related products

The conformity of the designated product(s) with the provisions of the European Directive 2011/65/EU (RoHS) is given by the compliance with the following European Standards.

- EN IEC 63000: 2018** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

See the actual information for RoHS and REACH declaration at our website: www.ledxon.de/downloads

- **RoHS Conformity**
- **REACH Conformity**

Part Numbers / models:

MR11-PRO-3-827-40-S, MR11-PRO-3-857-40-S