Class I or II Lamp Declaration of Conformity - UK

The template is on the next page – delete this page when you have edited the template as necessary.

There are actually 2 declarations, one for use in the EU and Northern Ireland, and this one for use in the rest of the UK.

Green text – for things like names and addresses, substitute your details as necessary

Blue text – options to be selected as appropriate for your lamp design

Red text – notes to be deleted once read

# UK Declaration of Conformity

|  |  |
| --- | --- |
| Business name: | Your business name |
| Address: | Your address |
| We declare under our sole responsibility that the following products | |
|  | Below give the type of product and a list of identifying product names or model numbers to which this declaration applies. |
| Product name(s) / model number(s) | Oxford, Cambridge, Glasgow, 1234 |
| Product type | Table lamp |

It can be useful to include a thumbnail photo or drawing here to help match this document to the product design

is / are in conformance with the following EU directives and regulations:

|  |  |
| --- | --- |
| UK SI 2016 No. 1101 | The Electrical Equipment (Safety) Regulations 2016 |
| UK SI 2016 No. 1091 | Electromagnetic Compatibility Regulations 2016 |
| UK SI 2012 No. 3032 | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 |
| UK SI 2021 No. 1095 | The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021 |
| UK SI 2017 No. 1206 | The Radio Equipment Regulations 2017 only needed if your lamp includes Wi-Fi, Bluetooth, mobile data or other radio equipment |

Conformance with the above is determined by appliance of the standards given in the attached annex.

|  |  |
| --- | --- |
| Signed |  |
| Name and position | Tim Thornton, Proprietor |
| Place and date | Hereford, United Kingdom. 1 April 2002 |

# Annex

This annex lists all the relevant standards. Delete any in blue that are not applicable to your product. Note that the annex isn’t a legal requirement, but it is standard practice to include it. Personally, I don’t bother with it. I’ve grouped the standards according to the relevant directive/regulation.

I’ve included more standards than you’ll need for a basic lamp, but assumed that the bulbs you use will just be LEDs, and also that you won’t be making things like streetlamps or emergency lighting

| **The EMC Directive** | |
| --- | --- |
| BS EN IEC 55015: 2019 + A11:2020 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| BS EN 61000-3-2:2019+A1:2021 | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) |
| BS EN 61000-3-3:2013+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 |
| BS EN 61547: 2020 | Equipment for general lighting purposes — EMC immunity requirements |

| **The RoHS Directive** | |
| --- | --- |
| BS EN 63000:2018 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances any products or components for the European market will be compliant |

| **The eco design Directive** | |
| --- | --- |
| BS EN IEC 62442-3:2022 | Energy performance of lamp controlgear – Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear only needed if you are not using off the shelf LED bulbs, but putting separate controlgear into your lamp. |

| **The Radio Equipment Directive** This whole section is only needed if you include radio kit such as Wi-Fi, Bluetooth or mobile data into your lamp. Specific standards will be required from the list below depending on the type of radio you use | |
| --- | --- |
| ETSI 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 |
| ETSI EN 300 440 V2.2.1 | Short Range Devices (SRD); Radio equipment to be used in the 1GHz to 40GHz frequency range |
| ETSI EN 301 489-1 V2.2.3 | Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| ETSI EN 301 489-3 V2.3.0 | 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 |
| ETSI 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 |
| BS 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) |
| BS EN 50663: 2017 | Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz) |
| BS EN IEC 62311: 2020 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz) |
| BS EN 62493:2015 + A1:2022 | Assessment of lighting equipment related to human exposure to electromagnetic fields |