Class III Lamp Declaration of Conformity - EU

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

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

This declaration can be used in the EU and in Northern Ireland. It must be translated into the language of the country the lamp is being supplied to.

# EU 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:

|  |  |
| --- | --- |
| 2014/30/EU | The Electromagnetic Compatibility Directive and its amending Directives  |
| 2011/65/EU | Restriction of Hazardous Substances (RoHS2) directive |
| 2009/125/EU | eco design Directive for energy related products |
| 2019/2020 | ecodesign requirements regulations for light sources and separate control gears  |
| 2019/2015 | energy labelling of light sources regulations only needed if you are making your own bulbs |
| 2014/53/EU | The Radio Equipment Directive 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. Only include these lines if you are attaching an annex. My understanding is that it is not a legal requirement to list the standards, even though this is generally done.

|  |  |
| --- | --- |
| 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** |
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| EN IEC 55015: 2019 + A11:2020 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| 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) |
| 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 |
| EN 61547: 2020 | Equipment for general lighting purposes — EMC immunity requirements |

| **The RoHS Directive** |
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| 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** |
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| 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 |
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| 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 |
| 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) |
| 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) |
| EN IEC 62311: 2020 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz) |
| EN 62493:2015 + A1:2022 | Assessment of lighting equipment related to human exposure to electromagnetic fields |