

EU Declaration of Conformity

Technical Consumer Products Ltd

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This declaration of conformity is issued under the sole responsibility of the manufacturer, Technical Consumer Products

Object of the declaration:

Model Ref: SMALC350WOE115RCN1P

Model Description: TCP SMART LED CANDLE E14 RGB CCT

Model Type: SMD LIGHT BULB

The above product has been deemed to comply with the requirements in accordance with the following European Directives and Community Harmonisation legislation:

Regulation	EU Legislation
The Radio Equipment Regulations 2014 (RED)	Directive 2014/53/EU
The Ecodesign for Energy-Related Products and Energy Information (ERP)	Directive 2019/2020 Directive 2019/2015
Low Voltage Directive 2014 (LVD)	Directive 2014/35/EU
Restriction of the use of certain hazardous substances (RoHS)	Directive 2011/65/EU
Electromagnetic Compatibility Directive 2014 (EMC)	Directive 2014/30/EU
LVD	EN 62560:2012+A1+A11 Self-Ballasted LED-Lamp : for general lighting services by voltage > 50V Safety specifications EN 62471:2008 Photobiological safety of lamps and lamp systems IEC 62493:2015 Assessment of lighting equipment related to human exposure to electromagnetic field
EMC	EN IEC 55015:2019+A11:2020 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment EN 61547: 2009 Equipment for general lighting purposes - EMC immunity requirements EN IEC 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+A1:2019 Electromagnetic compatibility (EMC)-Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flickering public low-voltage supply systems, for equipment with rated current < 16 A per phase and not subject to conditional connection
Radio	ETSI EN 301 489-1 V2.2.3(2019-11) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for Electro Magnetic Compatibility ETSI EN 301 489-17 V3.2.4(2020-09) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility EN 55032:2015/A1:2020 Electromagnetic compatibility of multimedia equipment – Emission Requirements EN 55035:2017/A11:2020 Electromagnetic compatibility of multimedia equipment – Immunity requirements ETSI EN 300 328 V2.2.2(2019-07) Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum EN IEC 62311:2020 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
RoHS	2011/65/EU, (EU)2015/863 As specified by client, based on the performed tests on submitted sample, the result of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), PBBs, PBDEs, Dibutyl Phthalate(DBP), Butylbenzyl Phthalate(BBP), Di-2-ethylhexyl Phthalate(DEHP) and Diisobutyl phthalate(DIBP) content comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.
ErP	Regulation (EU) 2017/1369 COMMISSION REGULATION (EU) 2019/2020 Laying down eco design requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council COMMISSION DELEGATED REGULATION (EU) 2019/2015 COMMISSION DELEGATED REGULATION (EU) 2021/340 and COMMISSION REGULATION (EU) 2021/341 also considered


Additional Information: None

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all relevant essential requirements of the UK legislation:

Signed for and on behalf of Technical Consumer Products Ltd

Place & Date of Issue: Corby – 8.6.22

Name: Jessica Parker



Position: Managing Director