

EU Declaration of Conformity

Document No. TWGU10Bulb03UK rev 1.0

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Ireland

This declaration of conformity is under the sole responsibility of the manufacturer.

Object of the declaration: **Hive GU10 Tuneable LED (TWGU10Bulb03UK)**

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Legislation	Title
Directive 2014/53/EU	Radio Equipment Directive
Directive 2011/65/EU 2015/863	Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
Directive 2012/19/EU	Waste Electrical and Electronic Equipment (WEEE) Directive
Directive 2009/125/EC	Energy Related Products Directive (ERP)
Regulation (EC) 1907/2006	Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

For the evaluation of compliance, the following specifications were applied:

Category	Specification	Description
EMC:	EN 301 489-1 v2.2.3	Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489-17 v3.2.4	Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
	EN 61000-3-2 :2014	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
	EN 61000-3-3 :2013	Electromagnetic compatibility (EMC). 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 subject to conditional connection
	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 61547 :2009	Equipment for general lighting purposes. EMC immunity requirements
Radio Spectrum:	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
	EN 55015 :2013	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
Safety:	EN 62560 :2012 +A1:2015 +A11:2019	Self-ballasted LED-lamps for general lighting services by voltage > 50 V. Safety specifications
	EN 62471 :2008	Photobiological safety of lamps and lamp systems
	EN 62493 :2015	Assessment of lighting equipment related to human exposure to electromagnetic field
ERP:	(EU) 2019/2020	Eco-design requirements for light sources and separate control gears

Additional Information:

Conformity of this product with the requirements of the directive 2014/53/EU has been reviewed according to **Module A**.

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The unit complies with all applicable Essential requirements of the applicable directives.

Signed for and on behalf of Centrica Hive Limited:

Place and Date of Issue: Windsor UK, _____

Name: Gav Murray _____

Position: Director _____

Signature: _____

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